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FLORIDA PUBLIC SERVICE COMMISSION

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FOR THE HEARING DATED 11/17/2022 IN DOCKET 20220001-EI

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78.	Estimated Impact on FPL's levelized fuel cost recovery factor from recovering $1,658,287,443 over 12 months and 24 months	2084
79.	Pages 1-2 and 161-162 of 168 of Exhibit RBD-7 (Deaton) in Docket No. 20220001-EI, also identified as Schedules E-1, E-1A and E-10 of FPL's fuel docket filings	2085
80.	Transcript of PSC Agenda Conference, Docket No. 20210001-EI, Item No. 2B, August 3, 2021	2090
81.	Letter from Malcom Means, Tampa Electric Company, to Adam Teitzman, Commission Clerk, dated April 21, 2022, Providing Notice of 2022 Under-Recovery	2102
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Docket No. 20220001-EI
Comprehensive Exhibit List for Entry into Hearing Record
(November 17-18, 2022)

EXH#	Witness	I.D. # As Filed	Exhibit Description	Issue Nos.	Entered
STAFF					
1		Exhibit List	Comprehensive Exhibit List		
DUKE ENERGY FLORIDA - DIRECT					
2	Gary Dean	GPD-1T	Fuel Cost Recovery True-Up (Jan – Dec. 2021)	1B-1G, 5-10, 16-20, 21A-23C, and 24-32	
3	Gary Dean	GPD-2T	Capacity Cost Recovery True-Up (Jan – Dec. 2021)	1B-1G, 5-10, 16-20, 21A-23C, and 24-32	
4	Gary Dean	GPD-3T	Schedules A1 through A3, A6 and A12 for Dec 2021	1B-1G, 5-10, 16-20, 21A-23C, and 24-32	
5	Gary Dean	GPD-4T	2021 Capital Structure and Cost Rates Applied to Capital Projects	1B-1G, 5-10, 16-20, 21A-23C, and 24-32	
6	Gary Dean	GPD-2	Actual/Estimated True-up Schedules for period January – December 2022	1B-1G, 5-10, 16-20, 21A-23C, and 24-32	
7	Gary Dean	GPD-3	Projection Factors for January - December 2023	1B-1G, 5-10, 16-20, 21A-23C, and 24-32	
8	Mary Ingle Lewter (Jenkins)	MIL-1T	Calculation of GPIF Penalty for January - December 2021	14 and 15	

Docket No. 20220001-EI Comprehensive Exhibit List for Entry into Hearing Record (November 17-18, 2022)					
EXH#	**Witness**	**I.D. # As Filed**	**Exhibit Description**	**Issue Nos.**	**Entered**
9	Mary I. Jenkins (Lewter)	MIJ-1P	GPIF Targets/Ranges Schedules for January – December 2023	14 and 15	
10	Anthony Salvarezza	AS-1	Root Cause Analysis **Confidential DN. 02277-2022**	1C and 1G	
11	Anthony Salvarezza	AS-2	Product Bulletin PB-08-5038-GN-EN-01 **Confidential DN. 02277-2022**	1C and 1G	
12	Anthony Salvarezza	AS-3	Product Bulletin PB3-13-0008-GN-EN-01 **Confidential DN. 02277-2022**	1C and 1G	
13	Jim McClay	JM-1P	Hedging Testimony 2023 Risk Management Plan **Confidential DN. 05041-2022**	1A	
FLORIDA POWER & LIGHT COMPANY – DIRECT					
14	Renae B. Deaton	RBD-1	2021 FCR Final True-Up Calculation – Pre-consolidated FPL	7	
15	Renae B. Deaton	RBD-2	2021 CCR Final True-Up Calculation – Pre-consolidated FPL **Confidential DN. 02217-2022**	7	
16	Renae B. Deaton	RBD-3	2021 FCR Final True-Up Calculation – Pre-consolidated Gulf Power Company	24	
17	Renae B. Deaton	RBD-4	2021 CCR Final True-Up Calculation – Pre-consolidated Gulf Power Company **Confidential DN. 02217-2022**	24	

Docket No. 20220001-EI Comprehensive Exhibit List for Entry into Hearing Record (November 17-18, 2022)					
EXH#	**Witness**	**I.D. # As Filed**	**Exhibit Description**	**Issue Nos.**	**Entered**
18	Renae B. Deaton	RBD-5	2022 FCR Actual/Estimated True-Up Calculation	8	
19	Renae B. Deaton	RBD-6	2022 CCR Actual/Estimated True-Up Calculation	25	
20	Renae B. Deaton	RBD-7	2023 FCR Projections	10, and 16-20	
21	Renae B. Deaton	RBD-8	2023 CCR Projections **Confidential DN 02217-2022**	26-30	
22	Gerard J. Yupp	GJY-1	2021 Asset Optimization Program Results **Confidential DN. 02217-2022**	2A	
23	Gerard J. Yupp	GJY-2	2023 Risk Management Plan **Confidential DN. 05046-2022**	2F	
24	Gerard J. Yupp	GJY-3	2023 Projected Dispatch Costs and Availability	10	
25	Charles R. Rote	CRR-1	Generating Performance Incentive Factor Performance Results for January 2021 through December 2021 – Pre-consolidated FPL	14	
26	Charles R. Rote	CRR-2	Generating Performance Incentive Factor Performance Results for January 2021 through December 2021 – Pre-consolidated Gulf Power Company	14	
27	Charles R. Rote	CRR-3	Generating Performance Incentive Factor Performance Targets for January 2023 through December 2023	15	

Docket No. 20220001-EI Comprehensive Exhibit List for Entry into Hearing Record (November 17-18, 2022)					
EXH#	**Witness**	**I.D. # As Filed**	**Exhibit Description**	**Issue Nos.**	**Entered**
FLORIDA PUBLIC UTILITIES COMPANY - DIRECT					
28	Curtis D. Young	CDY-1	Final True Up Schedules (Schedules A, C1 and E1-B for FPUC's Divisions)	7	
29	Curtis D. Young	CDY-2	Estimated/Actual (Schedules El-A, El-B, and El-B1)[1]	8	
30	Michelle Napier	MDN-1	Schedules E1, E1A, E2, E7, E8, E10 and Schedule A	9, 10, 16-20, and 31-33	
TAMPA ELECTRIC COMPANY - DIRECT					
31	M. Ashley Sizemore	MAS-1	Final True-Up Capacity Cost Recovery January 2021-December 2021 Final True-up Fuel Cost Recovery January 2021-December 2021 Actual Fuel True-up Compared to Original Estimates January 2021-December 2021 Schedules A-1, A-2, A-6 through A-9, and A-12 January 2021-December 2021	4C, 7, 9, 24, and 26	
32	M. Ashley Sizemore	MAS-2	Actual/Estimated True-Up Fuel Cost Recovery January 2022-December 2022 Actual/Estimated True-Up Capacity Cost Recovery January 2022-December 2022	8, 9, 25 and 26	

[1] As amended August 5, 2022.

Docket No. 20220001-EI Comprehensive Exhibit List for Entry into Hearing Record (November 17-18, 2022)					
EXH#	**Witness**	**I.D. # As Filed**	**Exhibit Description**	**Issue Nos.**	**Entered**
33	M. Ashley Sizemore	MAS-3	Projected Capacity Cost Recovery January 2023-December 2023 Projected Fuel Cost Recovery January 2023-December 2023 Levelized and Tiered Fuel Rate January 2023-December 2023	10, 16-20, and 27-33	
34	Patrick A. Bokor	PAB-1	Final True-Up Generating Performance Incentive Factor January 2021-December 2021 Actual Unit Performance Data January 2021-December 2021	14 and 16	
35	Patrick A. Bokor	PAB-2	Generating Performance Incentive Factor January 2023-December 2023 Summary of Generating Performance Incentive Factor Targets January 2023-December 2023	15	
36	John C. Heisey	JCH-1	Optimization Mechanism Results January 2021-December 2021	4A	
37	John C. Heisey	JCH-2	Risk Management Plan January 2023-December 2023	4B	

Docket No. 20220001-EI Comprehensive Exhibit List for Entry into Hearing Record (November 17-18, 2022)					
EXH#	**Witness**	**I.D. # As Filed**	**Exhibit Description**	**Issue Nos.**	**Entered**
STAFF HEARING EXHIBITS					
38	DEF Witness Gary Dean, Nos. 1-2, and DEF Witness Anthony Salvarezza, Nos. 3-4.	Staff Exhibit 38	DEF's Responses to Staff's First Set of Interrogatories, Nos. 1-4. (Attachments for Nos. 1 and 2) *(Bates No. 00001-00007)*	1C, 7-9, 16, and 20	
39	DEF Witness Jim McClay, No. 5, and Anthony Salvarezza, Nos. 6-7.	Staff Exhibit 39	DEF's Responses to Staff's Second Set of Interrogatories, Nos. 5-7. *(Bates No. 00008-00012)*	1C, 7-9, 16, and 20	
40	DEF Witness Gary Dean.	Staff Exhibit 40	DEF's Responses to Staff's Fourth Set of Interrogatories, Nos. 10-12. *(Bates No. 00013-00019)*	1C, 7-9, 16, and 20	
41	DEF Witness Anthony Salvarezza, and No. 13, and DEF Witness Gary Dean, Nos. 14-16.	Staff Exhibit 41	DEF's Responses to Staff's Fifth Set of Interrogatories, Nos. 13-16. *(Bates No. 00020-00024)*	1E, 1F, 7-10, 16, and 20	

Docket No. 20220001-EI Comprehensive Exhibit List for Entry into Hearing Record (November 17-18, 2022)					
EXH#	**Witness**	**I.D. # As Filed**	**Exhibit Description**	**Issue Nos.**	**Entered**
42	DEF Witness Anthony Salvarezza, and No. 19, and DEF Witness Gary Dean, Nos. 17-19.	Staff Exhibit 42	DEF's Responses to Staff's Sixth Set of Interrogatories, Nos. 17-19. *(Bates No. 00025-00032)*	1C, 7-10, 16, and 20	
43	DEF Witness Anthony Salvarezza	Staff Exhibit 43	DEF's Responses to OPC's Fourth Set of Interrogatories, Nos. 31-39, 42, 44-47, 49, 51-57, 62-64. (Attachments for Nos. 32-34) **Confidential DN 03337-2022** ***Due to a duplication of No. 35, all responses after this one are to be taken as 1 greater than their stated response number (i.e. No. 36 in the response is marked No. 37 on this CEL entry)** *(Bates No. 00033-00044)*	1C	

Docket No. 20220001-EI Comprehensive Exhibit List for Entry into Hearing Record (November 17-18, 2022)					
EXH#	**Witness**	**I.D. # As Filed**	**Exhibit Description**	**Issue Nos.**	**Entered**
44	DEF Witness Mary Jenkins, No. 74 Witness Gary Dean, Nos. 75-76, and DEF Witness Anthony Salvarezza Nos. 70-77.	Staff Exhibit 44	DEF's Responses to OPC's Fifth Set of Interrogatories, Nos. 74-77 and Supplemental Response No. 77. (Attachment to Supplemental No. 77) **Confidential DN 09687-2022** *(Bates No. 00045-00054)*	1G	
45	FPL Witness Renae B. Deaton	Staff Exhibit 45	FPL's Responses to Staff's First Set of Interrogatories, No. 2. *(Bates No. 00055-00057)*	7-9, 16, and 20	
46	FPL Witness Gerard J. Yupp, Nos. 3-4; Renae B. Deaton, Nos. 7, 10	Staff Exhibit 46	FPL's Responses to Staff's Second Set of Interrogatories, Nos. 3-4, 7, 10, (Attachments to Nos. 3, 4, 10.) *(Bates No. 00058-00064)*	7-9, 16, and 20	
47	FPL Witness Renae B. Deaton, No. 17.	Staff Exhibit 47	FPL's Responses to Staff's Third Set of Interrogatories, No. 17. *(Bates No. 00065-00067)*	7-9, 16, and 20	
48	FPL Witness Renae B. Deaton.	Staff Exhibit 48	FPL's Responses to Staff's Fourth Set of Interrogatories, No. 28 *(Bates No. 00068-00070)*	7-9, 16, and 20	

Docket No. 20220001-EI Comprehensive Exhibit List for Entry into Hearing Record (November 17-18, 2022)					
EXH#	**Witness**	**I.D. # As Filed**	**Exhibit Description**	**Issue Nos.**	**Entered**
49	FPL Witness Gerard J. Yupp, No. 35.	Staff Exhibit 49	FPL's Responses to Staff's Sixth Set of Interrogatories, Nos. 35. *(Bates No. 00071-00073)*	10, 16, and 20	
50	FPUC Witness Curtis Young, No. 1.	Staff Exhibit 50	FPUC's Responses to Staff's First Set of Interrogatories, No. 1. *(Bates No. 00074-00077)*	7-9, 16, and 20	
51	FPUC Witness Curtis Young, No. 2.	Staff Exhibit 51	FPUC's Responses to Staff's Second Set of Interrogatories, No. 2. *(Bates No. 00078-00081)*	7-9, 16, and 20	
52	FPUC Witness Curtis Young, Nos. 3-4.	Staff Exhibit 52	FPUC's Responses to Staff's Third Set of Interrogatories, Nos. 3-4. *(Bates No. 00082-00087)*	7-9, 16, and 20	
53	FPUC Witness Curtis Young, No. 5.	Staff Exhibit 53	FPUC's Responses to Staff's Fourth Set of Interrogatories, No. 5. *(Bates No. 00088-00095)*	10, 16, and 20	
54	TECO Witness John Heisey, No. 1.	Staff Exhibit 54	TECO's Responses to Staff's First Set of Interrogatories, No. 1. *(Bates No. 00096-00099)*	4B	
55	TECO Witness Ashley Sizemore, No. 2.	Staff Exhibit 55	TECO's Responses to Staff's Second Set of Interrogatories, No. 2. *(Bates No. 00100-00105)*	4C, 7-9, 16, and 20	

Docket No. 20220001-EI Comprehensive Exhibit List for Entry into Hearing Record (November 17-18, 2022)					
EXH#	**Witness**	**I.D. # As Filed**	**Exhibit Description**	**Issue Nos.**	**Entered**
56	TECO Witness Sizemore, Nos. 3-6, 15, 16, 18-19, 22-25.	Staff Exhibit 56	TECO's Responses to OPC's First Set of Interrogatories, Nos. 3-6, 15, 16, 18-19, 22-25. (Including Supplemental for Response No. 23) *(Bates No. 00106-00165)*	4C, 7-9, 16, and 20	
57	TECO Witness Ashley Sizemore, Nos. 29-31, 38.	Staff Exhibit 57	TECO's Response to OPC's Second Set of Interrogatories, Nos. 29-31, 38. *(Bates No. 00166-00172)*	4C, 7-9, 16, and 20	
58	TECO Witness Sizemore, Nos. 39-51.	Staff Exhibit 58	TECO's Responses to OPC's Third Set of Interrogatories, Nos. 39-51. *(Bates No. 00173-00190)*	4C	
59	Gary Dean, No. 1	Staff Exhibit 59	DEF's Responses Staff's First Request to Produce Documents, No. 1. *(Bates No. 00191-00193)*	8-9, and 20	
60	Gary Dean, Anthony Salvarezza	Staff Exhibit 60	DEF's Responses OPC's Fifth Request to Produce Documents, Nos. 42-43. **Confidential DN 04760-2022 & DN 04109-2022.** *(Bates No. 00194-00198)*	8-9, 16 and 20	
61	Gerard J. Yupp	Staff Exhibit 61	FPL's Responses Staff's Second Request to Produce Documents, No. 2. *(Bates No. 00199-00200)*	8-9, 16 and 20	

Docket No. 20220001-EI Comprehensive Exhibit List for Entry into Hearing Record (November 17-18, 2022)					
EXH#	**Witness**	**I.D. # As Filed**	**Exhibit Description**	**Issue Nos.**	**Entered**
62	Renae B. Deaton, No. 5; Gerard J. Yupp, No. 4	Staff Exhibit 62	FPL's Responses Staff's Fourth Request to Produce Documents, Nos. 4-5. (Attachments to Nos. 4 and 5) *(Bates No. 00201-00203)*	10, 16 and, 20	
63	Curtis Young, No. 1	Staff Exhibit 63	FPUC's Responses Staff's First Request to Produce Documents, No. 1. *(Bates No. 00204-00206)*	10, 16 and 20	
64	John Heisey, No. 1	Staff Exhibit 64	TECO's Responses Staff's First Request to Produce Documents, No. 1. *(Bates No. 00207-00208)*	8-9, 16 and 20	
65	John Heisey, No. 2	Staff Exhibit 65	TECO's Responses Staff's Second Request to Produce Documents, No. 2. *(Bates No. 00209-00210)*	10, 16 and 20	
66	Ashley Sizemore, No. 1	Staff Exhibit 66	TECO's Response OPC's First Request to Produce Documents and Supplemental Response, No. 1. *(Bates No. 00211-00760)*	4C, 7-9, 16 and 20	
67	Ashley Sizemore, No. 11	Staff Exhibit 67	TECO's Responses OPC's Third Request to Produce Documents, No. 11. *(Bates No. 00761-00989)*	4C, 7-9, 16 and 20	
68		Staff Exhibit 68	Proposed Stipulations *(Bates No. 00990-01005)*		

Docket No. 20220001-EI Comprehensive Exhibit List for Entry into Hearing Record (November 17-18, 2022)					
EXH#	**Witness**	**I.D. # As Filed**	**Exhibit Description**	**Issue Nos.**	**Entered**
69		Staff Exhibit 69	FPL Amended Revised Capacity Cost Recovery Factors. *(Bates No. 01006-01024)*	30	
70	Bores, Yupp, Dean, Rusk	OPC-70	IOU Mid-Course Correction Letter		
71	Bores, Yupp, Dean, Rusk	OPC-71	Rule 25-6.0424, F.A.C. (Mid-Course Correction Rule)		
72	Bores, Yupp, Dean, Rust	OPC-72	July 27, 2022 Estimated/Actual Petition (without attachments)		
73	Dean	FRF-73	Letter from Matthew R. Bernier, DEF, to Adam Teitzman, Commission Clerk, dated march 29, 2022, Providing Notice of 2022 Under-Recovery		
74	Dean	FRF-74	Estimated Impact on Duke Energy Florida's Levelized Fuel Cost Recovery Factor from Recovering $1.133 Billion Under-recovery over 12 Months and 24 Months		
75	Dean	FRF-75	Transcript of PSC Agenda Conference, Docket 20210001-EI, Item No. 2A, August 3, 2021		
76	Bores	FRF-76	Letter from Maria Moncada, FPL, to Adam Teitzman, Commission Clerk, dated April 15, 2022, Providing Notice of 2022 Under-Recovery		
77	Bores	FRF-77	FPL's Fuel cost recovery 2022 actual/estimated true-up calculation, filed July 27, 2022		

Docket No. 20220001-EI
Comprehensive Exhibit List for Entry into Hearing Record
(November 17-18, 2022)

EXH#	Witness	I.D. # As Filed	Exhibit Description	Issue Nos.	Entered
78	Bores	FRF-78	Estimated Impact on FPL's levelized fuel cost recovery factor from recovering $1,658,287,443 over 12 months and 24 months		Not Entered
79	Bores	FRF-79	Pages 1-2 and 161-162 of 168 of Exhibit RBD-7 (Deaton) in Docket No. 20220001-EI, also identified as Schedules E-1, E-1A and E-10 of FPL's fuel docket filings		
80	Bores	FRF-80	Transcript of PSC Agenda Conference, Docket No. 20210001-EI, Item No. 2B, August 3, 2021		
81	Rusk	FRF-80	Letter from Malcom Means, Tampa Electric Company, to Adam Teitzman, Commission Clerk, dated April 21, 2022, Providing Notice of 2022 Under-Recovery		
82	Rusk	FRF-82	Tampa Electric Company's Schedules E1, E1-A, and E-10		

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 2
PARTY: GPD-1T
DESCRIPTION: Fuel Cost Recovery True-Up (Jan – Dec. 2021)

Duke Energy Florida, LLC
Fuel Adjustment Clause
Summary of Actual True-Up Amount
January 2021 - December 2021

Line No.	Description	Contribution to Over/(Under) Recovery Period to Date
	KWH Sales:	
1	Jurisdictional kWh Sales - Difference	142,117,132
2	Non-Jurisdictional kWh Sales - Difference	54,994,513
3	Total System kWh Sales - Difference Schedule A2, pg 1 of 2, line B3	197,111,645
	System:	
4	Fuel and Net Purchased Power Costs - Difference Schedule A2, page 2 of 2, line C4	$ 173,018,339
	Jurisdictional:	
5	Fuel Revenues - Difference Schedule A2, page 2 of 2, line C3	4,579,516
6	Fuel and Net Purchased Power Costs - Difference Schedule A2, page 2 of 2, line C6 - C12 - C7	416,992,542
7	True-Up Amount for the Period	(412,413,026)
8	True-Up for the Prior Period Schedule A2, page 2 of 2, line C9	21,579,587
9	True-Up Collected/(Refunded) in Current Period	(21,579,586)
10	Interest Provision Schedule A2, page 2 of 2, line C8	(111,128)
11	Actual True-Up Ending Balance for the Period January 2021 through December 2021 Schedule A2, page 2 of 2, line C13	(412,524,152)
12	Estimated True-Up Ending Balance for the Period January 2021 through December 2021 as approved in Order No. PSC-2022-0061-PCO-EI *	(415,458,323)
13	Total True-Up for the Period January 2021 through December 2021	$ 2,934,170

* Line 12 includes approximately $246.8M approved by the Commission as part of DEF's Rate Mitigation Plan in Order No. PSC-2021-0425-FOF-EI with the remaining balance of approximately $168.7M approved for recovery in DEF's Mid-course Correction Order No. PSC-2022-0061-PCO-EI.

Duke Energy Florida, LLC
Fuel Adjustment Clause
Calculation of Actual True-up
January 2021 - December 2021

			JAN ACTUAL	FEB ACTUAL	MAR ACTUAL	APR ACTUAL	MAY ACTUAL	JUN ACTUAL	6 MONTH SUB-TOTAL
A	1	Fuel Cost of System Generation	$ 91,130,395	$ 89,669,082	$ 92,086,502	$ 91,479,028	$ 116,809,348	$ 123,000,789	$ 604,175,144
	2	Fuel Cost of Power Sold	(6,980,349)	(2,343,139)	(2,503,060)	(3,313,839)	(8,802,456)	(8,990,972)	(32,933,814)
	3	Fuel Cost of Purchased Power	1,098,076	3,598,830	12,098,754	5,959,317	10,846,159	13,023,594	46,624,731
	3a	Demand and Non-Fuel Cost of Purchased Power	-	-	-	-	-	-	-
	3b	Energy Payments to Qualified Facilities	7,548,154	7,301,243	8,097,325	7,109,630	8,508,302	9,152,559	47,717,214
	4	Energy Cost of Economy Purchases	541,456	928,870	1,048,067	1,424,838	4,071,775	3,333,096	11,348,103
	5	Adjustments to Fuel Cost	1,287,414	1,129,037	1,088,154	1,105,338	1,102,029	3,040,212	8,752,184
	6	TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	94,625,147	100,283,924	111,915,742	103,764,312	132,535,158	142,559,279	685,683,562
B	1	Jurisdictional MWH Sales	2,883,090	2,745,686	2,893,187	2,950,824	3,156,780	3,692,154	18,321,719
	2	Non-Jurisdictional MWH Sales	17	15,027	1,840	1,128	1,780	19,330	39,122
	3	TOTAL SALES (Lines B1 + B2)	2,883,105	2,760,713	2,895,026	2,951,953	3,158,561	3,711,484	18,360,842
	4	Jurisdictional % of Total Sales (Line B1/B3)	100.00%	99.46%	99.94%	99.96%	99.94%	99.48%	99.79%
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	87,983,471	83,155,269	87,192,862	89,476,925	96,745,142	114,558,977	559,112,646
	2	True-Up Provision	5,090,285	5,090,285	5,090,285	5,090,285	5,090,285	5,090,285	30,541,710
	2a	Incentive Provision	(367,309)	(367,309)	(367,309)	(367,309)	(367,309)	(367,309)	(2,203,856)
	3	FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	92,706,447	87,878,245	91,915,838	94,199,901	101,468,118	119,281,953	587,450,500
	4	Fuel & Net Power Transactions (Line A6)	94,625,147	100,283,924	111,915,742	103,764,312	132,535,158	142,559,279	685,683,562
	5	Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	94,654,481	99,770,319	111,879,910	103,751,849	132,492,725	141,857,680	684,406,963
	6	Over/(Under) Recovery (Line 3 - Line 5)	(1,948,034)	(11,892,074)	(19,964,072)	(9,551,948)	(31,024,607)	(22,575,727)	(96,956,463)
	7	Interest Provision	1,625	545	(1,197)	(2,785)	(3,010)	(4,605)	(9,427)
	8	TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	(1,946,408)	(11,891,529)	(19,965,268)	(9,554,733)	(31,027,617)	(22,580,329)	(96,965,887)
	9	Plus: Prior Period Balance	21,579,587	21,579,587	21,579,587	21,579,587	21,579,587	21,579,587	21,579,587
	10	Plus: Cumulative True-Up Provision	(5,090,285)	(10,180,570)	(15,270,855)	(20,361,139)	(25,451,425)	(30,541,710)	(30,541,710)
	11	Subtotal Prior Period True-up	16,489,302	11,399,017	6,308,732	1,218,448	(3,871,838)	(8,962,122)	(8,962,122)
	12	Regulatory Accounting Adjustment	-	-	-	-	-	-	-
	13	TOTAL TRUE-UP BALANCE	14,542,894	(2,438,921)	(27,494,476)	($42,139,494)	($78,257,396)	($105,928,013)	(105,928,013)

Duke Energy Florida, LLC
Fuel Adjustment Clause
Calculation of Actual True-up
January 2021 - December 2021

			JUL ACTUAL	AUG ACTUAL	SEPT ACTUAL	OCT ACTUAL	NOV ACTUAL	DEC ACTUAL	12 MONTH PERIOD
A	1	Fuel Cost of System Generation	$ 148,931,960	$ 165,169,460	$ 158,793,245	$ 185,424,072	$ 156,689,007	$ 146,830,015	$ 1,566,012,904
	2	Fuel Cost of Power Sold	(11,387,686)	(12,767,865)	(14,917,255)	(19,177,440)	(11,072,299)	(10,739,821)	(112,996,180)
	3	Fuel Cost of Purchased Power	10,776,054	14,150,545	15,835,079	15,320,134	2,150,189	5,188,901	110,045,633
	3a	Demand and Non-Fuel Cost of Purchased Power	-	-	-	-	-	-	-
	3b	Energy Payments to Qualified Facilities	8,708,077	9,031,911	8,952,041	8,982,700	7,770,730	9,723,679	100,886,353
	4	Energy Cost of Economy Purchases	4,321,612	3,611,096	8,320,941	5,227,466	382,864	1,088,119	34,300,202
	5	Adjustments to Fuel Cost	1,109,677	1,121,003	107,024	1,083,801	(6,133,298)	3,779,665	9,820,056
	6	TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	162,459,696	180,316,150	177,091,076	196,860,734	149,787,195	155,870,558	1,708,068,970
B	1	Jurisdictional MWH Sales	3,774,783	3,758,053	4,155,474	3,724,431	2,547,394	3,171,756	39,453,609
	2	Non-Jurisdictional MWH Sales	48,760	95,797	41,053	580	2,538	567	228,418
	3	TOTAL SALES (Lines B1 + B2)	3,823,543	3,853,850	4,196,526	3,725,011	2,549,932	3,172,322	39,682,027
	4	Jurisdictional % of Total Sales (Line B1/B3)	98.72%	97.51%	99.02%	99.98%	99.90%	99.98%	99.42%
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	117,399,908	117,267,313	147,489,868	131,011,067	88,131,897	108,553,472	1,268,966,170
	2	True-Up Provision	5,090,285	5,090,285	5,090,285	(8,077,661)	(8,077,661)	(8,077,661)	21,579,586
	2a	Incentive Provision	(367,309)	(367,309)	(367,309)	(367,309)	(367,309)	(367,309)	(4,407,712)
	3	FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	122,122,884	121,990,289	152,212,844	122,566,097	79,686,927	100,108,502	1,286,138,044
	4	Fuel & Net Power Transactions (Line A6)	162,459,696	180,316,150	177,091,076	196,860,734	149,787,195	155,870,558	1,708,068,972
	5	Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	160,425,118	175,875,509	175,404,683	196,876,472	149,679,306	155,883,019	1,698,551,071
	6	Over/(Under) Recovery (Line 3 - Line 5)	(38,302,235)	(53,885,220)	(23,191,838)	(74,310,375)	(69,992,380)	(55,774,517)	(412,413,028)
	7	Interest Provision	(7,657)	(8,941)	(11,123)	(16,183)	(26,705)	(31,092)	(111,128)
	8	TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	(38,309,892)	(53,894,161)	(23,202,961)	(74,326,558)	(70,019,085)	(55,805,609)	(412,524,155)
	9	Plus: Prior Period Balance	21,579,587	21,579,587	21,579,587	21,579,587	21,579,587	21,579,587	21,579,587
	10	Plus: Cumulative True-Up Provision	(35,631,995)	(40,722,281)	(45,812,566)	(37,734,905)	(29,657,245)	(21,579,584)	(21,579,584)
	11	Subtotal Prior Period True-up	(14,052,408)	(19,142,694)	(24,232,979)	(16,155,318)	(8,077,658)	3	3
	12	Regulatory Accounting Adjustment	-	-	-	-	-	-	-
	13	TOTAL TRUE-UP BALANCE	($149,328,190)	($208,312,636)	($236,605,883)	($302,854,780)	($364,796,204)	($412,524,152)	(412,524,152)

Duke Energy Florida, LLC
Fuel Adjustment Clause
Calculation of 2021 Actual/Estimated True-up
January 2021 - December 2021 (Filed 12/17/21 - Midcourse Filing)

			JAN ACTUAL	FEB ACTUAL	MAR ACTUAL	APR ACTUAL	MAY ACTUAL	JUN ACTUAL	6 MONTH SUB-TOTAL
A	1	Fuel Cost of System Generation	$ 91,130,395	$ 89,669,082	$ 92,086,502	$ 91,479,028	$ 116,809,348	$ 123,000,789	$ 604,175,144
	2	Fuel Cost of Power Sold	(6,980,349)	(2,343,139)	(2,503,060)	(3,313,839)	(8,802,456)	(8,990,972)	(32,933,814)
	3	Fuel Cost of Purchased Power	1,098,076	3,598,830	12,098,754	5,959,317	10,846,159	13,023,594	46,624,731
	3a	Demand and Non-Fuel Cost of Purchased Power	-	-	-	-	-	-	-
	3b	Energy Payments to Qualified Facilities	7,548,154	7,301,243	8,097,325	7,109,630	8,508,302	9,152,559	47,717,214
	4	Energy Cost of Economy Purchases	541,456	928,870	1,048,067	1,424,838	4,071,775	3,333,096	11,348,103
	5	Adjustments to Fuel Cost	1,287,414	1,129,037	1,088,154	1,105,338	1,102,029	3,040,212	8,752,184
	6	TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	94,625,147	100,283,924	111,915,742	103,764,312	132,535,158	142,559,279	685,683,562
B	1	Jurisdictional MWH Sales	2,883,089	2,745,686	2,893,186	2,950,824	3,156,781	3,692,154	18,321,720
	2	Non-Jurisdictional MWH Sales	17	15,027	1,840	1,128	1,780	19,330	39,122
	3	TOTAL SALES (Lines B1 + B2)	2,883,105	2,760,713	2,895,026	2,951,952	3,158,561	3,711,484	18,360,842
	4	Jurisdictional % of Total Sales (Line B1/B3)	100.00%	99.46%	99.94%	99.96%	99.94%	99.48%	99.79%
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	87,983,471	83,155,269	87,192,862	89,476,925	96,745,142	114,558,977	559,112,646
	2	True-Up Provision	5,090,285	5,090,285	5,090,285	5,090,285	5,090,285	5,090,285	30,541,710
	2a	Incentive Provision	(367,309)	(367,309)	(367,309)	(367,309)	(367,309)	(367,309)	(2,203,854)
	3	FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	92,706,447	87,878,245	91,915,838	94,199,901	101,468,118	119,281,953	587,450,502
	4	Fuel & Net Power Transactions (Line A6)	94,625,147	100,283,924	111,915,742	103,764,312	132,535,158	142,559,279	685,683,562
	5	Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	94,654,481	99,770,319	111,879,910	103,751,849	132,492,725	141,857,680	684,406,963
	6	Over/(Under) Recovery (Line 3 - Line 5)	(1,948,034)	(11,892,074)	(19,964,072)	(9,551,948)	(31,024,607)	(22,575,727)	(96,956,461)
	7	Interest Provision	1,625	545	(1,197)	(2,785)	(3,010)	(4,605)	(9,427)
	8	TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	(1,946,408)	(11,891,529)	(19,965,269)	(9,554,733)	(31,027,617)	(22,580,331)	(96,965,888)
	9	Plus: Prior Period Balance	21,579,587	21,579,587	21,579,587	21,579,587	21,579,587	21,579,587	21,579,587
	10	Plus: Cumulative True-Up Provision	(5,090,285)	(10,180,570)	(15,270,855)	(20,361,140)	(25,451,425)	(30,541,710)	(30,541,710)
	11	Subtotal Prior Period True-up	16,489,302	11,399,017	6,308,732	1,218,447	(3,871,838)	(8,962,123)	(8,962,123)
	12	Regulatory Accounting Adjustment	-	-	-	-	-	-	-
	13	TOTAL TRUE-UP BALANCE	$14,542,893	($2,438,921)	($27,494,475)	($42,139,493)	($78,257,395)	($105,928,010)	(105,928,010)

Duke Energy Florida, LLC
Fuel Adjustment Clause
Calculation of 2017 Actual/Estimated True-up
January 2021 - December 2021 (Filed 12/17/21 - Midcourse Filing)

			JUL ACTUAL	AUG ACTUAL	SEPT ACTUAL	OCT ACTUAL	NOV ACTUAL	DEC ESTIMATED	12 MONTH PERIOD
A	1	Fuel Cost of System Generation	$ 148,931,960	$ 165,169,460	$ 158,793,245	$ 185,424,072	$ 156,689,007	$ 139,734,801	$ 1,558,917,690
	2	Fuel Cost of Power Sold	(11,387,686)	(12,767,865)	(14,917,255)	(19,177,440)	(11,072,297)	(4,800,356)	(107,056,713)
	3	Fuel Cost of Purchased Power	10,776,054	14,150,545	15,835,079	15,320,134	2,150,189	55,778	104,912,510
	3a	Demand and Non-Fuel Cost of Purchased Power	-	-	-	-	-	-	-
	3b	Energy Payments to Qualified Facilities	8,708,077	9,031,911	8,952,041	8,982,700	7,770,730	13,221,196	104,383,869
	4	Energy Cost of Economy Purchases	4,321,612	3,611,096	8,320,941	5,227,466	382,864	390,106	33,602,189
	5	Adjustments to Fuel Cost	1,109,677	1,121,003	107,024	1,083,801	(6,133,298)	1,076,898	7,117,289
	6	TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	162,459,696	180,316,150	177,091,076	196,860,734	149,787,195	149,678,423	1,701,876,835
B	1	Jurisdictional MWH Sales	3,774,783	3,758,052	4,155,473	3,724,431	2,547,394	2,830,489	39,112,342
	2	Non-Jurisdictional MWH Sales	48,760	95,797	41,053	580	2,538	1,255	229,105
	3	TOTAL SALES (Lines B1 + B2)	3,823,543	3,853,850	4,196,526	3,725,010	2,549,933	2,831,743	39,341,448
	4	Jurisdictional % of Total Sales (Line B1/B3)	98.72%	97.51%	99.02%	99.98%	99.90%	99.96%	99.42%
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	117,399,908	117,267,313	147,489,868	131,011,067	88,131,897	99,396,843	1,259,809,541
	2	True-Up Provision	5,090,285	5,090,285	5,090,285	(8,077,661)	(8,077,661)	(8,077,656)	21,579,592
	2a	Incentive Provision	(367,309)	(367,309)	(367,309)	(367,309)	(367,309)	(367,313)	(4,407,712)
	3	FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	122,122,884	121,990,289	152,212,844	122,566,097	79,686,927	90,951,874	1,276,981,421
	4	Fuel & Net Power Transactions (Line A6)	162,459,696	180,316,150	177,091,076	196,860,734	149,787,195	149,678,423	1,701,876,835
	5	Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	160,425,118	175,875,509	175,404,683	196,876,471	149,679,306	149,660,445	1,692,328,495
	6	Over/(Under) Recovery (Line 3 - Line 5)	(38,302,235)	(53,885,220)	(23,191,838)	(74,310,375)	(69,992,380)	(58,708,570)	(415,347,079)
	7	Interest Provision	(7,657)	(8,941)	(11,123)	(16,183)	(26,705)	(31,206)	(111,242)
	8	TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	(38,309,892)	(53,894,161)	(23,202,961)	(74,326,558)	(70,019,085)	(58,739,776)	(415,458,321)
	9	Plus: Prior Period Balance	21,579,587	21,579,587	21,579,587	21,579,587	21,579,587	21,579,587	21,579,587
	10	Plus: Cumulative True-Up Provision	(35,631,995)	(40,722,280)	(45,812,565)	(37,734,904)	(29,657,243)	(21,579,591)	(21,579,591)
	11	Subtotal Prior Period True-up	(14,052,408)	(19,142,693)	(24,232,978)	(16,155,318)	(8,077,657)	(5)	(5)
	12	Regulatory Accounting Adjustment	-	-	-	-	-	-	-
	13	TOTAL TRUE-UP BALANCE	($149,328,189)	($208,312,635)	($236,605,881)	($302,854,778)	($364,796,202)	($415,458,323)	(415,458,323)

Duke Energy Florida, LLC
Fuel Adjustment Clause
Fuel and Net Power Cost Variance Analysis
January 2021 - December 2021

	(A) Energy Source	(B) MWH Variances	(C) Heat Rate Variances	(D) Price Variances	(E) Total
1	Heavy Oil	0	0	0	0
2	Light Oil	(1,011,117)	803,741	34,227	(173,149)
3	Coal	(4,007,672)	221,462	(1,646,462)	(5,432,672)
4	Gas	9,619,914	5,792,754	(2,711,633)	12,701,035
5	Nuclear	0	0	0	0
6	Other Fuel	0	0	0	0
7	Total Generation	4,601,126	6,817,957	(4,323,868)	7,095,214
8	Firm Purchases	4,007,813	0	1,125,310	5,133,123
9	Economy Purchases	749,162	0	(51,150)	698,013
10	Schedule E Purchases	0	0	0	0
11	Qualifying Facilities	(1,216,788)	0	(2,280,729)	(3,497,516)
12	Total Purchases	3,540,187	0	(1,206,568)	2,333,619
13	Economy Sales	0	0	0	0
14	Other Power Sales	(2,552,564)	0	7,518	(2,545,046)
15	Supplemental Sales	(4,298,319)	0	903,900	(3,394,420)
16	Total Sales	(6,850,883)	0	911,418	(5,939,465)
17	Total Fuel and Net Power Cost Variance	1,290,430	6,817,957	(4,619,018)	3,489,368

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 3
PARTY: GPD-2T
DESCRIPTION: Capacity Cost Recovery True- Up (Jan – Dec. 2021)

Duke Energy Florida, LLC
Capacity Cost Recovery Clause
Summary of Actual True-Up Amount
January 2021 - December 2021

Line No.	Description	Actual	Actual/Estimated	Variance
	Jurisdictional:			
1	Capacity Cost Recovery Revenues Sheet 2 of 3, Line 35 & Sheet 3 of 3, Line 35	$ 483,783,463	$ 484,578,871	$ (795,408)
2	Capacity Cost Recovery Expenses Sheet 2 of 3, Line 31 & Sheet 3 of 3, Line 31	484,743,860	488,389,201	(3,645,341)
3	Plus/(Minus) Interest Provision Sheet 2 of 3, Line 38 & Sheet 3 of 3, Line 38	(4,072)	(4,567)	495
4	Sub-Total Current Period Over/(Under) Recovery Sheet 2 of 3, Line 39 & Sheet 3 of 3, Line 39	$ (964,469)	$ (3,814,896)	$ 2,850,427
5	Prior Period True-up - January through December 2020 - Over/(Under) Recovery Sheet 2 of 3, Line 40 & Sheet 3 of 3, Line 40	6,070,083	6,070,083	0
6	Prior Period True-up - January through December 2020 - (Refunded)/Collected Sheet 2 of 3, Line 41 & Sheet 3 of 3, Line 41	463,084	463,084	0
7	Actual True-Up Ending Balance Over/(Under) Recovery for the Period January through December 2021 Sheet 2 of 3, Line 43 & Sheet 3 of 3, Line 43	$ 5,568,698	$ 2,718,273	$ 2,850,425
8	Estimated True-Up Ending Balance for the Period Included in the Filing of Levelized Fuel Cost Factors January through December 2022 per Order No. PSC-2021-0442-FOF-EI (Sheet 3 of 3, Line 43)	$2,718,273		
9	Total Over/(Under) Recovery for the Period January through December 2021 (Line 7 - Line 8)	$ 2,850,425		

Duke Energy Florida, LLC
Capacity Cost Recovery Clause
Calculation of Actual True-Up
January 2021 - December 2021

		ACT Jan-21	ACT Feb-21	ACT Mar-21	ACT Apr-21	ACT May-21	ACT Jun-21	ACT Jul-21	ACT Aug-21	ACT Sep-21	ACT Oct-21	ACT Nov-21	ACT Dec-21	Total
1	**Base Production Level Capacity Costs**													
2	Orange Cogen (ORANGECO)	6,181,528	6,196,226	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,094,746	74,172,395
3	Orlando Cogen Limited (ORLACOGL)	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	74,711,198
4	Pasco County Resource Recovery (PASCOUNT)	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	27,412,320
5	Pinellas County Resource Recovery (PINCOUNT)	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	65,253,240
6	Polk Power Partners, L.P. (MULBERRY/ROYSTER)	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	101,978,675
7	Subtotal - Base Level Capacity Costs	28,627,814	28,642,512	28,635,163	28,635,163	28,635,163	28,635,163	28,635,163	28,635,163	28,635,163	28,635,163	28,635,163	28,541,033	343,527,827
8	Base Production Jurisdictional Responsibility	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	
9	Base Level Jurisdictional Capacity Costs	26,590,945	26,604,598	26,597,771	26,597,771	26,597,771	26,597,771	26,597,771	26,597,771	26,597,771	26,597,771	26,597,771	26,510,338	319,085,824
10	**Intermediate Production Level Capacity Costs**													
11	Southern Franklin	4,832,347	4,988,816	2,913,671	2,914,969	3,198,304	(755,104)	0	0	0	0	0	79,292	18,172,295
12	Schedule H Capacity Sales	(5,587)	0	0	0	0	225,736	244,901	0	0	0	72,800	(21,852)	515,997
13	Subtotal - Intermediate Level Capacity Costs	4,826,760	4,988,816	2,913,671	2,914,969	3,198,304	(529,369)	244,901	0	0	0	72,800	57,439	18,688,292
14	Intermediate Production Jurisdictional Responsibility	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	
15	Intermediate Level Jurisdictional Capacity Costs	3,509,199	3,627,019	2,118,327	2,119,270	2,325,263	(384,867)	178,050	0	0	0	52,928	41,760	13,586,948
16	**Peaking Production Level Capacity Costs**													
17	Shady Hills	1,976,940	1,976,940	1,976,940	804,060	1,916,460	3,896,100	4,825,132	2,675,452	597,532	799,264	940,024	1,779,955	24,164,799
18	Vandolah	3,033,279	2,968,686	2,017,074	1,998,157	2,873,617	5,948,748	3,950,401	5,847,436	2,792,890	1,973,594	2,072,642	3,028,955	38,505,479
19	Other	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Subtotal - Peaking Level Capacity Costs	5,010,219	4,945,626	3,994,014	2,802,217	4,790,077	9,844,848	8,775,533	8,522,888	3,390,422	2,772,858	3,012,666	4,808,911	62,670,277
21	Peaking Production Jurisdictional Responsibility	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	
22	Peaking Level Jurisdictional Capacity Costs	4,806,003	4,744,042	3,831,218	2,687,999	4,594,833	9,443,572	8,417,842	8,175,495	3,252,228	2,659,837	2,889,869	4,612,899	60,115,837
23	**Other Capacity Costs**													
24	Retail Wheeling	0	(19,418)	(4,147)	(1,634)	0	0	0	0	0	0	(175,299)	(307,940)	(508,438)
25	Ridge Generating Station L.P. Termination [1]	670,785	667,189	656,848	657,880	654,349	650,819	647,288	643,758	640,228	636,697	633,167	625,726	7,784,734
26	State Corporate Income Tax Change [2]	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(2,793,312)
27	CR1&2 NBV [3]	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	80,592,431
28	Total Other Capacity Costs	7,154,045	7,131,031	7,135,961	7,139,506	7,137,609	7,134,079	7,130,548	7,127,018	7,123,488	7,119,957	6,941,128	6,801,046	85,075,415
29	**Total Capacity Costs (line 9+15+22+28)**	42,060,192	42,106,689	39,683,277	38,544,545	40,655,476	42,790,556	42,324,212	41,900,284	36,973,487	36,377,565	36,481,697	37,966,044	477,864,024
30	**ISFSI Revenue Requirement** [3]	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	6,879,837
31	**Total Recoverable Capacity & ISFSI Costs (line 29+30)**	42,633,512	42,680,009	40,256,597	39,117,864	41,228,795	43,363,876	42,897,531	42,473,604	37,546,807	36,950,885	37,055,017	38,539,363	484,743,860
32	**Capacity Revenues:**													
33	Capacity Cost Recovery Revenues (net of tax)	35,903,840	34,543,316	35,777,609	36,135,702	39,269,964	45,215,250	46,088,175	45,797,326	50,153,126	45,022,522	32,139,196	38,200,521	484,246,547
34	Prior Period True-Up Provision Over/(Under) Recovery	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(463,084)
35	Current Period CCR Revenues (net of tax)	35,865,250	34,504,726	35,739,018	36,097,112	39,231,373	45,176,659	46,049,585	45,758,736	50,114,536	44,983,932	32,100,605	38,161,931	483,783,463
36	**True-Up Provision**													
37	True-Up Provision - Over/(Under) Recov (Line 35-31)	(6,768,262)	(8,175,284)	(4,517,578)	(3,020,753)	(1,997,422)	1,812,785	3,152,052	3,285,132	12,567,729	8,033,047	(4,954,412)	(377,434)	(960,397)
38	Interest Provision for the Month	249	(425)	(883)	(1,181)	(862)	(865)	(886)	(576)	(178)	407	669	459	(4,072)
39	Current Cycle Balance - Over/(Under)	(6,768,013)	(14,943,723)	(19,462,183)	(22,484,118)	(24,482,402)	(22,670,482)	(19,519,316)	(16,234,760)	(3,667,208)	4,366,246	(587,497)	(964,471)	(964,471)
40	Prior Period Balance - Over/(Under) Recovered	6,070,083	6,108,673	6,147,264	6,185,854	6,224,444	6,263,035	6,301,625	6,340,215	6,378,806	6,417,396	6,455,986	6,494,577	6,070,083
41	Prior Period Cumulative True-Up Collected/(Refunded)	38,590	38,590	38,590	38,590	38,590	38,590	38,590	38,590	38,590	38,590	38,590	38,590	463,084
42	Prior Period True-up Balance - Over/(Under)	6,108,673	6,147,264	6,185,854	6,224,444	6,263,035	6,301,625	6,340,215	6,378,806	6,417,396	6,455,986	6,494,577	6,533,167	6,533,167
43	**Net Capacity True-up Over/(Under) (Line 39+42)**	(659,340)	(8,796,459)	(13,276,330)	(16,259,674)	(18,219,367)	(16,368,857)	(13,179,101)	(9,855,954)	2,750,188	10,822,232	5,907,080	5,568,698	5,568,698

[1] Approved in Order No. PSC-2018-0532-PAA-EQ.
[2] Approved in Order No. PSC-2021-0024-FOF-EI.
[3] As set forth in DEF's 2017 Settlement approved in Commission Order No. PSC-2017-0451-AS-EU.

Duke Energy Florida, LLC
Capacity Cost Recovery Clause
Calculation of Actual/Estimated True-Up
January 2021 - December 2021 (Filed 9/3/21)

		ACT Jan-21	ACT Feb-21	ACT Mar-21	ACT Apr-21	ACT May-21	ACT Jun-21	ACT Jul-21	EST Aug-21	EST Sep-21	EST Oct-21	EST Nov-21	EST Dec-21	Total
1	**Base Production Level Capacity Costs**													
2	Orange Cogen (ORANGECO)	6,181,528	6,196,226	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	74,266,524
3	Orlando Cogen Limited (ORLACOGL)	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	74,711,197
4	Pasco County Resource Recovery (PASCOUNT)	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	27,412,320
5	Pinellas County Resource Recovery (PINCOUNT)	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	65,253,240
6	Polk Power Partners, L.P. (MULBERRY/ROYSTER)	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	101,978,673
7	Subtotal - Base Level Capacity Costs	28,627,814	28,642,512	28,635,163	28,635,163	28,635,163	28,635,163	28,635,163	28,635,162	28,635,162	28,635,162	28,635,162	28,635,162	343,621,954
8	Base Production Jurisdictional Responsibility	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	
9	Base Level Jurisdictional Capacity Costs	26,590,945	26,604,597	26,597,770	26,597,770	26,597,770	26,597,771	26,597,771	26,597,771	26,597,771	26,597,771	26,597,771	26,597,771	319,173,247
10	**Intermediate Production Level Capacity Costs**													
11	Southern Franklin	4,832,347	4,988,816	2,913,671	2,914,969	3,198,304	(755,104)	0	0	0	0	0	0	18,093,003
12	Schedule H Capacity Sales	(5,587)	0	0	0	0	225,736	244,901	0	0	0	0	0	465,050
13	Subtotal - Intermediate Level Capacity Costs	4,826,760	4,988,816	2,913,671	2,914,969	3,198,304	(529,369)	244,901	-	-	-	-	-	18,558,052
14	Intermediate Production Jurisdict. Responsibility	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	
15	Intermediate Level Jurisdict. Capacity Costs	3,509,199	3,627,019	2,118,327	2,119,270	2,325,264	(384,867)	178,050	-	-	-	-	-	13,492,262
16	**Peaking Production Level Capacity Costs**													
17	Shady Hills	1,976,940	1,976,940	1,976,940	804,060	1,916,460	3,896,100	4,825,132	3,901,540	1,820,718	1,370,811	1,370,811	1,978,186	27,814,638
18	Vandolah (NSG)	3,033,279	2,968,686	2,017,074	1,998,157	2,873,617	5,948,748	3,950,401	5,649,696	2,702,911	1,990,514	2,036,254	2,865,669	38,035,006
19	Other	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Subtotal - Peaking Level Capacity Costs	5,010,219	4,945,626	3,994,014	2,802,217	4,790,077	9,844,848	8,775,533	9,551,235	4,523,630	3,361,326	3,407,065	4,843,855	65,849,644
21	Peaking Production Jurisdictional Responsibility	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	
22	Peaking Level Jurisdictional Capacity Costs	4,806,003	4,744,042	3,831,218	2,687,999	4,594,833	9,443,572	8,417,842	9,161,927	4,339,247	3,224,318	3,268,193	4,646,419	63,165,613
23	**Other Capacity Costs**													
24	Retail Wheeling	-	(19,418)	(4,147)	(1,634)	-	-	-	5,793	8,981	24,821	39,349	36,727	90,471
25	Ridge Generating Station L.P. Termination [1]	670,785	667,189	656,848	657,880	654,349	650,819	647,288	643,758	640,228	636,697	633,167	629,636	7,788,644
26	State Corporate Income Tax Change [2]	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(2,793,310)
27	CR1&2 NBV [3]	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	80,592,431
28	Total Other Capacity Costs	7,154,045	7,131,031	7,135,961	7,139,506	7,137,609	7,134,079	7,130,548	7,132,811	7,132,469	7,144,779	7,155,776	7,149,624	85,678,237
29	**Total Capacity Costs (line 9+15+22+28)**	42,060,192	42,106,690	39,683,277	38,544,546	40,655,476	42,790,555	42,324,211	42,892,509	38,069,487	36,966,868	37,021,740	38,393,814	481,509,364
30	**ISFSI Revenue Requirement** [3]	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	6,879,837
31	**Total Recoverable Capacity & ISFSI Costs (line 29+30)**	42,633,512	42,680,009	40,256,596	39,117,865	41,228,796	43,363,875	42,897,531	43,465,829	38,642,807	37,540,187	37,595,060	38,967,133	488,389,201
32	**Capacity Revenues**													
33	Capacity Cost Recovery Revenues (net of tax)	35,903,840	34,543,316	35,777,609	36,135,702	39,269,964	45,215,250	46,088,175	48,407,053	47,602,322	44,377,097	36,846,812	34,874,816	485,041,956
34	Prior Period True-Up Provision Over/(Under) Recovery	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(38,590)	(463,084)
35	**Current Period Revenues (net of tax)**	35,865,250	34,504,726	35,739,018	36,097,112	39,231,373	45,176,659	46,049,585	48,368,462	47,563,732	44,338,507	36,808,222	34,836,226	484,578,871
36	**True-Up Provision**													
37	True-Up Provision - Over/(Under) Recov (Line 35-31)	(6,768,262)	(8,175,284)	(4,517,578)	(3,020,753)	(1,997,422)	1,812,785	3,152,054	4,902,633	8,920,925	6,798,319	(786,838)	(4,130,908)	(3,810,329)
38	Interest Provision for the Month	249	(425)	(883)	(1,181)	(862)	(865)	(886)	(247)	22	227	204	82	(4,567)
39	Current Cycle Balance - Over/(Under)	(6,768,012)	(14,943,722)	(19,462,182)	(22,484,117)	(24,482,400)	(22,670,480)	(19,519,312)	(14,616,927)	(5,695,981)	1,102,563	315,930	(3,814,896)	(3,814,896)
40	Prior Period Balance - Over/(Under) Recovered	6,070,083	6,070,083	6,070,083	6,070,083	6,070,083	6,070,083	6,070,083	6,070,083	6,070,083	6,070,083	6,070,083	6,070,083	6,070,083
41	Prior Period Cumulative True-Up Collected/(Refunded)	38,590	77,181	115,771	154,361	192,952	231,542	270,133	308,723	347,313	385,904	424,494	463,084	463,084
42	Prior Period True-up Balance - Over/(Under)	6,108,673	6,147,264	6,185,854	6,224,445	6,263,035	6,301,625	6,340,216	6,378,806	6,417,396	6,455,987	6,494,577	6,533,167	6,533,167
43	**Net Capacity True-up Over/(Under) (Line 39+42)**	($659,339)	($8,796,458)	($13,276,329)	($16,259,673)	($18,219,367)	($16,368,857)	($13,179,100)	($8,238,121)	$721,416	$7,558,552	$6,810,509	$2,718,273	$2,718,273

[1] Approved in Order No. PSC-2018-0532-PAA-EQ.

[2] Approved in Order No. PSC-2021-0024-FOF-EI.

[3] As set forth in DEF's 2017 Settlement approved in Commission Order No. PSC-2017-0451-AS-EU.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 4
PARTY: GPD-3T
DESCRIPTION: Schedules A1 through A3, A6 and A12 for Dec 2021

DUKE ENERGY FLORIDA, LLC
FUEL AND PURCHASED POWER
DECEMBER 2021

Docket No. 20220001-EI
Witness: Dean
Amended Exhibit No. (GPD-3T)
Schedule A1-1
Sheet 1 of 9

		$				MWH				CENTS/KWH			
		ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1	FUEL COST OF SYSTEM NET GENERATION (SCH A3)	146,830,015	111,023,612	35,806,403	32.3	3,029,903	2,942,579	87,324	3.0	4.8460	3.7730	1.0730	28.4
2	COAL CAR SALE	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3	ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	3,779,665	1,076,898	2,702,767	251.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4	TOTAL COST OF GENERATED POWER	150,609,680	112,100,510	38,509,170	34.4	3,029,903	2,942,579	87,324	3.0	4.9708	3.8096	1.1612	30.5
5	ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	5,188,901	55,385	5,133,516	9,268.8	60,319	140	60,179	42,985.0	8.6024	39.5607	(30.9583)	(78.3)
6	ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	-	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
7	ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	1,088,119	377,939	710,180	187.9	21,173	8,432	12,741	151.1	5.1391	4.4822	0.6569	14.7
8	PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	9,723,679	10,234,007	(510,327)	(5.0)	212,571	237,161	(24,590)	(10.4)	4.5743	4.3152	0.2591	6.0
9	TOTAL COST OF PURCHASED POWER	16,000,699	10,667,331	5,333,369	50.0	294,064	245,733	48,331	19.7	5.4412	4.3410	1.1002	25.3
10	TOTAL AVAILABLE MWH					3,323,967	3,188,312	135,655	4.3				
11	FUEL COST OF OTHER POWER SALES (SCH A6)	(2,267,017)	(582,137)	(1,684,880)	289.4	(87,843)	(16,991)	(70,852)	417.0	2.5808	3.4262	(0.8454)	(24.7)
11a	GAIN ON OTHER POWER SALES - 100% (SCH A6)	(969,071)	(157,770)	(811,301)	514.2	(87,843)	(16,991)	(70,852)	417.0	1.1032	0.9286	0.1746	18.8
11b	GAIN ON TOTAL POWER SALES - 20% (SCH A6)	193,814	0	193,814	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12	FUEL COST OF STRATIFIED SALES	(7,697,548)	(3,208,952)	(4,488,596)	139.9	(217,209)	(86,231)	(130,978)	151.9	3.5438	3.7213	(0.1775)	(4.8)
13	TOTAL FUEL COST AND GAINS ON POWER SALES	(10,739,821)	(3,948,859)	(6,790,963)	172.0	(305,052)	(103,222)	(201,830)	195.5	3.5207	3.8256	(0.3049)	(8.0)
14	NET INADVERTENT AND WHEELED INTERCHANGE					13,936	0	13,936					
15	TOTAL FUEL AND NET POWER TRANSACTIONS	155,870,558	118,818,982	37,051,576	31.2	3,032,851	3,085,089	(52,239)	(1.7)	5.1394	3.8514	1.2880	33.4
16	NET UNBILLED	(28,984,244)	2,903,637	(31,887,881)	(1,098.2)	563,961	(75,392)	639,353	(848.0)	(0.9137)	0.1025	(1.0162)	(991.4)
17	COMPANY USE	744,705	579,884	164,821	28.4	(14,490)	(15,056)	566	(3.8)	0.0235	0.0205	0.0030	14.6
18	T & D LOSSES	21,071,509	6,273,841	14,797,668	235.9	(409,999)	(162,898)	(247,101)	151.7	0.6642	0.2216	0.4426	199.7
19	ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	155,870,558	118,818,982	37,051,576	31.2	3,172,322	2,831,743	340,579	12.0	4.9135	4.1960	0.7175	17.1
20	WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(31,174)	(47,528)	16,353	(34.4)	(567)	(1,255)	688	(54.8)	5.4987	3.7886	1.7101	45.1
21	JURISDICTIONAL KWH SALES	155,839,384	118,771,454	37,067,930	31.2	3,171,756	2,830,489	341,267	12.1	4.9133	4.1961	0.7172	17.1
22	JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00028	155,883,019	118,804,710	37,078,309	31.2	3,171,756	2,830,489	341,267	12.1	4.9147	4.1973	0.7174	17.1
23	PRIOR PERIOD TRUE-UP	8,077,661	8,077,661	(0)	0.0	3,171,756	2,830,489	341,267	12.1	0.2547	0.2854	(0.0307)	(10.8)
24	TOTAL JURISDICTIONAL FUEL COST	163,960,680	126,882,371	37,078,308	29.2	3,171,756	2,830,489	341,267	12.1	5.1694	4.4827	0.6867	15.3
25	REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26	FUEL COST ADJUSTED FOR TAXES									5.1731	4.4859	0.6872	15.3
27	GPIF	367,309	367,309			3,171,756	2,830,489			0.0116	0.0130	(0.0014)	(10.8)
28	TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									5.185	4.499	0.686	15.2

*Line 15a. MWH Data for Infomational Purposes Only

Note: Schedules A1/A2 have been updated from the versions filed on January 20, 2022 to reflect the True-Up WACC as prescribed in Order No. PSC-2020-0165-PAA-EU.

DUKE ENERGY FLORIDA, LLC
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
YEAR TO DATE - DECEMBER 2021

		$				MWH				CENTS/KWH			
		ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1	FUEL COST OF SYSTEM NET GENERATION (SCH A3)	1,566,012,904	1,404,339,921	161,672,983	11.5	40,562,710	40,465,354	97,355	0.2	3.8607	3.4705	0.3902	11.2
2	COAL CAR SALE	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3	ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	9,820,056	15,303,717	(5,483,661)	(35.8)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4	TOTAL COST OF GENERATED POWER	1,575,832,960	1,419,643,639	156,189,322	11.0	40,562,710	40,465,354	97,355	0.2	3.8849	3.5083	0.3766	10.7
5	ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	110,045,633	75,611,032	34,434,601	45.5	1,635,009	1,209,413	425,597	35.2	6.7306	6.2519	0.4787	7.7
6	ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
7	ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	34,300,202	18,592,667	15,707,535	84.5	638,193	374,636	263,558	70.4	5.3746	4.9629	0.4117	8.3
8	PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	100,886,353	106,418,835	(5,532,483)	(5.2)	2,413,486	2,541,596	(128,110)	(5.0)	4.1801	4.1871	(0.0070)	(0.2)
9	TOTAL COST OF PURCHASED POWER	245,232,188	200,622,535	44,609,654	22.2	4,686,689	4,125,644	561,044	13.6	5.2325	4.8628	0.3697	7.6
10	TOTAL AVAILABLE MWH					45,249,398	44,590,999	658,400	1.5				
11	FUEL COST OF OTHER POWER SALES (SCH A6)	(10,417,360)	(5,750,637)	(4,666,723)	81.2	(400,762)	(231,178)	(169,584)	73.4	2.5994	2.4875	0.1119	4.5
11a	GAIN ON OTHER POWER SALES - 100% (SCH A6)	(2,855,389)	(1,351,382)	(1,504,007)	111.3	(400,762)	(231,178)	(169,584)	73.4	0.7125	0.5846	0.1279	21.9
11b	GAIN ON TOTAL POWER SALES - 20% (SCH A6)	228,227	0	228,227	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
12	FUEL COST OF STRATIFIED SALES	(99,951,656)	(78,113,524)	(21,838,132)	28.0	(3,073,252)	(2,623,343)	(449,909)	17.2	3.2523	2.9776	0.2747	9.2
13	TOTAL FUEL COST AND GAINS ON POWER SALES	(112,996,178)	(85,215,543)	(27,780,636)	32.6	(3,474,014)	(2,854,520)	(619,494)	21.7	3.2526	2.9853	0.2673	9.0
14	NET INADVERTENT AND WHEELED INTERCHANGE					215,318	128,396	86,922					
15	TOTAL FUEL AND NET POWER TRANSACTIONS	1,708,068,970	1,535,050,631	173,018,339	11.3	41,990,702	41,864,874	125,828	0.3	4.0677	3.6667	0.4010	10.9
16	NET UNBILLED	(41,676,247)	(6,433,472)	(35,242,775)	547.8	748,570	178,182	570,388	320.1	(0.1050)	(0.0163)	(0.0887)	544.2
17	COMPANY USE	6,503,505	5,960,634	542,871	9.1	(160,656)	(162,168)	1,513	(0.9)	0.0164	0.0151	0.0013	8.6
18	T & D LOSSES	118,584,121	87,015,406	31,568,715	36.3	(2,896,589)	(2,395,973)	(500,617)	20.9	0.2988	0.2204	0.0784	35.6
19	ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	1,708,068,970	1,535,050,631	173,018,339	11.3	39,682,028	39,484,915	197,112	0.5	4.3044	3.8877	0.4167	10.7
20	WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(9,996,200)	(7,165,703)	(2,830,497)	39.5	(228,418)	(173,423)	(54,995)	31.7	4.3763	4.1319	0.2444	5.9
21	JURISDICTIONAL KWH SALES	1,698,072,770	1,527,884,928	170,187,842	11.1	39,453,610	39,311,492	142,118	0.4	4.3040	3.8866	0.4174	10.7
22	JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00028	1,698,551,069	1,528,315,574	170,235,495	11.1	39,453,610	39,311,492	142,118	0.4	4.3052	3.8877	0.4175	10.7
23	PRIOR PERIOD TRUE-UP	(21,579,586)	(21,579,582)	(4)	0.0	39,453,610	39,311,492	142,118	0.4	(0.0547)	(0.0549)	0.0002	(0.4)
24	TOTAL JURISDICTIONAL FUEL COST	1,676,971,483	1,506,735,992	170,235,491	11.3	39,453,610	39,311,492	142,118	0.4	4.2505	3.8328	0.4177	10.9
25	REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
26	FUEL COST ADJUSTED FOR TAXES									4.2536	3.8356	0.4180	10.9
27	GPIF	4,407,712	4,407,708			39,453,610	39,311,492			0.0112	0.0112	0.0000	100.0
28	TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									4.265	3.847	0.418	10.9

*Line 15a. MWH Data for Infomational Purposes Only

Note: Schedules A1/A2 have been updated from the versions filed on January 20, 2022 to reflect the True-Up WACC as prescribed in Order No. PSC-2020-0165-PAA-EU.

DUKE ENERGY FLORIDA, LLC
CALCULATION OF TRUE-UP AND INTEREST PROVISION
DECEMBER 2021

		CURRENT MONTH				YEAR TO DATE			
		ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
A .	FUEL COSTS AND NET POWER TRANSACTIONS								
1 .	FUEL COST OF SYSTEM NET GENERATION	$146,830,015	111,023,612	$35,806,403	32.3	$1,566,012,904	$1,404,339,921	$161,672,983	11.5
1a.	COAL CAR SALE	-	0	0	0.0	0	0	0	0.0
2 .	FUEL COST OF POWER SOLD	(2,267,017)	(582,137)	(1,684,880)	289.4	(10,417,360)	(5,750,637)	(4,666,723)	81.2
2a.	GAIN ON POWER SALES	(775,257)	(157,770)	(617,487)	391.4	(2,627,162)	(1,351,382)	(1,275,780)	94.4
3 .	FUEL COST OF PURCHASED POWER	5,188,901	55,385	5,133,516	9,268.8	110,045,633	75,611,032	34,434,601	45.5
3a.	ENERGY PAYMENTS TO QUALIFYING FACILITIES	9,723,679	10,234,007	(510,327)	(5.0)	100,886,353	106,418,835	(5,532,483)	(5.2)
4 .	ENERGY COST OF ECONOMY PURCHASES	1,088,119	377,939	710,180	187.9	34,300,202	18,592,667	15,707,535	84.5
5 .	TOTAL FUEL & NET POWER TRANSACTIONS	159,788,441	120,951,036	38,837,405	32.1	1,798,200,570	1,597,860,438	200,340,133	12.5
6 .	ADJUSTMENTS TO FUEL COST:								
6a.	FUEL COST OF STRATIFIED SALES	(7,697,548)	(3,208,952)	(4,488,596)	139.9	(99,951,656)	(78,113,524)	(21,838,132)	28.0
6b.	OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	3,779,665	1,076,898	2,702,767	251.0	9,820,056	15,303,717	(5,483,661)	(35.8)
6c.	OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 .	ADJUSTED TOTAL FUEL & NET PWR TRNS	$155,870,558	$118,818,982	$37,051,576	31.2	$1,708,068,970	$1,535,050,631	$173,018,339	11.3

FOOTNOTE: DETAIL OF LINE 6b ABOVE

N/A - Not used	$0	$0	$0	$0	$0	$0
N/A - Not used	0	0	0	0	0	0
UNIVERSITY OF FLORIDA STEAM REVENUE ALLOCATION {Wholesale Portion}	20	0	20	6,110	0	6,110
WHOLESALE ALLOCATION ADJUSTMENT	0	0	0	0	0	0
TANK BOTTOM ADJUSTMENT	0	0	0	(991,828)	0	(991,828)
AERIAL SURVEY ADJUSTMENT (Coal Pile)	2,723,275	0	2,723,275	4,659,470	0	4,659,470
FPD AGREEMENT TERMINATION	1,056,369	0	1,056,369	13,199,402	0	13,199,402
RAIL CAR SALE PROCEEDS	0	0	0	0	0	0
CITRUS SETTLEMENT FUEL GIVEBACK	0	0	0	0	0	0
NET METER SETTLEMENT	0	0	0	161,397	0	161,397
CR4 OUTAGE REPLACEMENT POWER **	0	0	0	(7,214,495)	0	(7,214,495)
Derivative Collateral Interest	0	0	0	0	0	0
SUBTOTAL LINE 6b SHOWN ABOVE	$3,779,665	$0	$3,779,665	$9,820,056	$0	$9,820,056

** Represents $7,207,280.38 retail as approved at 12/7/2021 Commission agenda grossed up by 99.90% November jurisdictional factor.

B.	KWH SALES								
1 .	JURISDICTIONAL SALES	3,171,755,628	2,830,488,729	341,266,899	12.1	39,453,609,202	39,311,492,069	142,117,132	0.4
2 .	NON JURISDICTIONAL (WHOLESALE) SALES	566,941	1,254,500	(687,559)	(54.8)	228,417,639	173,423,126	54,994,513	31.7
3 .	TOTAL SALES	3,172,322,569	2,831,743,229	340,579,340	12.0	39,682,026,841	39,484,915,195	197,111,645	0.5
4 .	JURISDICTIONAL SALES % OF TOTAL SALES	99.98	99.96	0.02	0.0	99.42	99.56	(0.14)	(0.1)

Note: Schedules A1/A2 have been updated from the versions filed on January 20, 2022 to reflect the True-Up WACC as prescribed in Order No. PSC-2020-0165-PAA-EU.

DUKE ENERGY FLORIDA, LLC
CALCULATION OF TRUE-UP AND INTEREST PROVISION
DECEMBER 2021

		CURRENT MONTH				YEAR TO DATE			
		ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C.	TRUE UP CALCULATION								
1 .	JURISDICTIONAL FUEL REVENUE	$108,553,472	$99,396,843	$9,156,629	9.2	$1,268,966,170	$1,264,386,654	$4,579,516	0.4
2 .	ADJUSTMENTS:	0	0	0	0.0	0	0	0	0.0
2a.	TRUE UP PROVISION	(8,077,661)	(8,077,661)	0	0.0	21,579,586	21,579,582	4	0.0
2b.	INCENTIVE PROVISION	(367,309)	(367,309)	(0)	0.0	(4,407,712)	(4,407,708)	(4)	0.0
3 .	TOTAL JURISDICTIONAL FUEL REVENUE	100,108,502	90,951,873	9,156,629	10.1	1,286,138,044	1,281,558,528	4,579,516	0.4
4 .	ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	155,870,558	118,818,982	37,051,576	31.2	1,708,068,970	1,535,050,631	173,018,339	11.3
5 .	JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.98	99.96	0.02	0.0	99.42	99.56	(0.14)	(0.1)
6 .	JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00028 LOSS MULTIPLIER)	155,883,019	118,804,710	37,078,309	31.2	1,698,551,069	1,528,315,574	170,235,495	11.1
7 .	TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(55,774,517)	(27,852,837)	(27,921,680)	100.3	(412,413,026)	(246,757,047)	(165,655,979)	67.1
8 .	INTEREST PROVISION FOR THE MONTH (LINE D10)	(31,092)	(14,214)	(16,878)	118.7	(111,128)	(80,529)	(30,599)	38.0
9 .	TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(364,796,204)	(227,048,182)	(137,748,023)	60.7	21,579,587	21,579,587	0	0.0
10.	TRUE UP COLLECTED (REFUNDED)	8,077,661	8,077,661	(0)	0.0	(21,579,586)	(21,579,582)	(4)	0.0
11.	END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(412,524,152)	(246,837,571)	(165,686,581)	67.1	(412,524,152)	(246,837,571)	(165,686,581)	67.1
12.	OTHER:	0				0		0	
13.	END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	($412,524,152)	(246,837,571)	(165,686,581)	67.1	($412,524,152)	(246,837,571)	(165,686,581)	67.1

D.	INTEREST PROVISION				
1 .	BEGINNING TRUE UP (LINE C9)	($364,796,204)	N/A	--	--
2 .	ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(412,493,061)	N/A	--	--
3 .	TOTAL OF BEGINNING & ENDING TRUE UP	(777,289,265)	N/A	--	--
4 .	AVERAGE TRUE UP (50% OF LINE D3)	(388,644,633)	N/A	--	--
5 .	INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.110	N/A	--	--
6 .	INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.080	N/A	--	--
7 .	TOTAL (LINE D5 + LINE D6)	0.190	N/A		
8 .	AVERAGE INTEREST RATE (50% OF LINE D7)	0.095	N/A	--	--
9 .	MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.008	N/A	--	--
10.	INTEREST PROVISION (LINE D4 * LINE D9)	($31,092)	N/A	--	--

Note: Schedules A1/A2 have been updated from the versions filed on January 20, 2022 to reflect the True-Up WACC as prescribed in Order No. PSC-2020-0165-PAA-EU.

A-3 Generating System Comparative Data Report

Docket No. 20220001-EI
Witness: Dean
Amended Exhibit No. (GPD-3T)
Schedule: A3-1

Duke Energy Florida, LLC

FUEL COST OF SYSTEM	ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
NET GENERATION ($)				
1 - HEAVY OIL	0	0	0	0.0 %
2 - LIGHT OIL	22,218,993	22,392,143	(173,149)	(0.8 %)
3 - COAL	163,564,338	168,997,010	(5,432,672)	(3.2 %)
4 - GAS	1,380,229,573	1,367,528,537	12,701,035	0.9 %
5 - NUCLEAR	0	0	0	0.0 %
6	0	0	0	0.0 %
7	0	0	0	0.0 %
8 - TOTAL ($)	1,566,012,904	1,558,917,690	7,095,214	0.5 %
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0 %
10 - LIGHT OIL	61,413	64,317	(2,904)	(4.5 %)
11 - COAL	5,042,303	5,164,783	(122,480)	(2.4 %)
12 - GAS	34,517,463	34,276,345	241,118	0.7 %
13 - NUCLEAR	0	0	0	0.0 %
14 - SOLAR	941,532	959,919	(18,387)	(1.9 %)
15	0	0	0	0.0 %
16 - TOTAL (MWH)	40,562,710	40,465,364	97,347	0.2 %
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0 %
18 - LIGHT OIL (BBL)	191,038	192,683	(1,645)	(0.9 %)
19 - COAL (TON)	2,389,754	2,444,014	(54,260)	(2.2 %)
20 - GAS (MCF)	255,328,667	252,875,368	2,453,299	1.0 %
21 - NUCLEAR (MMBTU)	0	0	0	0.0 %
22	0	0	0	0.0 %
23	0	0	0	0.0 %
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0.0 %
25 - LIGHT OIL	1,096,030	1,106,276	(10,245)	(0.9 %)
26 - COAL	53,903,967	55,139,309	(1,235,341)	(2.2 %)
27 - GAS	261,612,956	258,697,319	2,915,636	1.1 %
28 - NUCLEAR	0	0	0	0.0 %
29	0	0	0	0.0 %
30	0	0	0	0.0 %
31 - TOTAL (MILLION BTU)	316,612,953	314,942,903	1,670,050	0.5 %

Note: Schedule A3 has been updated from the version filed on January 20, 2022 to reflect DEF's Midcourse filing approved in Order No. PSC-2022-0061-PCO-EI

A-3 Generating System Comparative Data Report

Docket No. 20220001-EI
Witness: Dean
AmendedExhibit No. (GPD-3T)
Schedule: A3-1
Sheet 6 of 9

Duke Energy Florida, LLC

FUEL COST OF SYSTEM	ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.0	0.0	0.0 %
33 - LIGHT OIL	0.2	0.2	(0.0)	(4.8 %)
34 - COAL	12.4	12.8	(0.3)	(2.6 %)
35 - GAS	85.1	84.7	0.4	0.5 %
36 - NUCLEAR	0.0	0.0	0.0	0.0 %
37 - SOLAR	2.3	2.4	(0.1)	(2.1 %)
38	0	0	0	0.0 %
39 - TOTAL (% MWH)	100	100	0.0	0.0 %
FUEL COST PER UNIT ($)				
40 - HEAVY OIL ($/BBL)	0.00	0.00	0.00	0.0 %
41 - LIGHT OIL ($/BBL)	116.31	116.21	0.09	0.1 %
42 - COAL ($/TON)	68.44	69.15	(0.70)	(1.0 %)
43 - GAS ($/MCF)	5.41	5.41	(0.00)	(0.0 %)
44 - NUCLEAR ($/MBTU)	0.00	0.00	0.00	0.0 %
45	0.00	0.00	0.00	0.0 %
46	0.00	0.00	0.00	0.0 %
FUEL COST PER MILLION BTU ($/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0 %
48 - LIGHT OIL	20.27	20.24	0.03	0.2 %
49 - COAL	3.03	3.07	(0.03)	(1.0 %)
50 - GAS	5.28	5.29	(0.01)	(0.2 %)
51 - NUCLEAR	0.00	0.00	0.00	0.0 %
52	0.00	0.00	0.00	0.0 %
53	0.00	0.00	0.00	0.0 %
54 - SYSTEM ($/MBTU)	4.95	4.95	(0.00)	(0.1 %)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0 %
56 - LIGHT OIL	17,847	17,200	647	3.8 %
57 - COAL	10,690	10,676	14	0.1 %
58 - GAS	7,579	7,547	32	0.4 %
59 - NUCLEAR	0	0	0	0.0 %
60	0	0	0	0.0 %
61	0	0	0	0.0 %
62 - SYSTEM (BTU/KWH)	7,806	7,783	22	0.3 %

Note: Schedule A3 has been updated from the version filed on January 20, 2022 to reflect DEF's Midcourse filing approved in Order No. PSC-2022-0061-PCO-EI

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Docket No. 20220001-EI
Witness: Dean
Amended Exhibit No. (GPD-3T)
Schedule: A3-1
Sheet 7 of 9

FUEL COST OF SYSTEM	ACTUAL	ESTIMATED	DIFFERENCE	DIFFERENCE (%)
GENERATED FUEL COST PER KWH (CENTS/KWH)				
63 - HEAVY OIL	0.00	0.00	0.00	0.0 %
64 - LIGHT OIL	36.18	34.82	1.36	3.9 %
65 - COAL	3.24	3.27	(0.03)	(0.9 %)
66 - GAS	4.00	3.99	0.01	0.2 %
67 - NUCLEAR	0.00	0.00	0.00	0.0 %
68	0.00	0.00	0.00	0.0 %
69	0.00	0.00	0.00	0.0 %
70 - SYSTEM (CENTS/KWH)	3.86	3.85	0.01	0.2 %

Note: Schedule A3 has been updated from the version filed on January 20, 2022 to reflect DEF's Midcourse filing approved in Order No. PSC-2022-0061-PCO-EI

Duke Energy Florida, LLC
Schedule A6
Power Sold for the Month of
December 2021

Docket No. 20220001-EI
Witness: Dean
Amended Exhibit No. (GPD-3T)
Schedule A6

(1)	(2)	(3)	(4)	(5)	(6a)	(6b)	(7)	(8)	(9)
Sold To	Type & Schedule	Total KWH Sold (000)	KWH Wheeled from Other Systems (000)	KWH from Own Generation (000)	Fuel Cost C/KWH	Total Cost C/KWH	Fuel Adj Total $	Total Cost $	Gain on Sales $
ESTIMATED		9,467		9,467	4.340	5.480	410,860	518,820	107,960
ACTUAL									
Exelon Generation Company, LLC	InternationalSwapsDe	13,480		13,480	2.741	3.811	369,465.81	513,718.56	144,252.75
Florida Municipal Power Agency	CR-1	3,275		3,275	2.757	3.851	90,285.50	126,136.00	35,850.50
Macquarie Energy LLC		11,446		11,446	2.627	3.758	300,690.27	430,093.00	129,402.73
Orlando Utilities Commission	Schedule OS	600		600	3.798	5.032	22,786.78	30,192.30	7,405.52
PJM Settlements, Inc	MR1	8,959		8,959	2.487	3.528	222,783.98	316,047.71	93,263.73
Rainbow Energy Marketing Corporation		696		696	2.753	4.475	19,162.88	31,145.32	11,982.44
Reedy Creek Improvement District	CR-1	8,995		8,995	2.227	2.889	200,315.05	259,840.30	59,525.25
Southern Company Services, Inc.	EEI	15,342		15,342	2.993	4.793	459,121.97	735,316.65	276,194.68
The Energy Authority	Schedule OS	25,050		25,050	2.325	3.138	582,405.00	786,024.00	203,619.00
Adjustments									
Macquarie Energy LLC								15.64	15.64
Tennessee Valley Authority								1,900.16	1,900.16
PJM Settlements								6,167.66	6,167.66
Macquarie Energy LLC								(509.42)	(509.42)
Subtotal - Gain on Other Power Sales		87,843		87,843	2.581	3.684	2,267,017.24	3,236,087.88	969,070.64
CURRENT MONTH TOTAL		87,843		87,843	2.581	3.684	2,267,017.24	3,236,087.88	969,070.64
DIFFERENCE		78,376		78,376	(1.759)	(1.797)	1,856,157	2,717,268	861,111
DIFFERENCE %		827.92		827.92	(40.54)	(32.78)	451.77	523.74	797.62
CUMULATIVE ACTUAL		400,762		400,762	2.599	3.312	10,417,360.08	13,272,749.00	2,855,388.92
CUMULATIVE ESTIMATED		322,386		322,386	2.656	3.274	8,561,203	10,555,481	1,994,278
DIFFERENCE		78,376		78,376	(0.056)	0.038	1,856,157	2,717,268	861,111
DIFFERENCE %		24.31		24.31	(2.12)	1.15	21.68	25.74	43.18

Note: Schedule A6 has been updated from the version filed on January 20, 2022 to reflect DEF's Midcourse filing approved in Order No. PSC-2022-0061-PCO-EI

Duke Energy Florida, LLC
Schedule A12 - Capacity Costs
For the Period January - December 2021

Docket No. 20220001-EI
Witness: Dean
Amended Exhibit No. (GPD-3T)
Schedule A12

	Counterparty	Type	MW	Start Date - End Date	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
1	Orange Cogen (ORANGECO)	QF	74.00	7/1/95 - 12/31/24	6,181,528	6,196,226	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,094,746	74,172,395
2	Orlando Cogen Limited (ORLACOGL)	QF	79.20	9/1/93 - 12/31/23	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	74,711,198
3	Pasco County Resource Recovery (PASCOUNT)	QF	23.00	1/1/95 - 12/31/24	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	27,412,320
4	Pinellas County Resource Recovery (PINCOUNT)	QF	54.75	1/1/95 - 12/31/24	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	65,253,240
5	Polk Power Partners, L.P. (MULBERRY)	QF	115.00	8/1/94 - 8/8/24	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	101,978,675
6	Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 1/31/19	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Southern purchase - Franklin	PPA	425	6/1/16 - 5/31/21	4,832,347	4,988,816	2,913,671	2,914,969	3,198,304	(755,104)	0	0	0	0	0	79,292	18,172,295
8	Retail Wheeling				0	(19,418)	(4,147)	(1,634)	0	0	0	0	0	0	(175,299)	(307,940)	(508,438)
9	CR1&2 NBV				6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	80,592,431
10	ISFSI Return				573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	6,879,837
11	Vandolah Capacity Purchase	PPA	669	June 2012 - May 2027	3,033,279	2,968,686	2,017,074	1,998,157	2,873,617	5,948,748	3,950,401	5,847,436	2,792,890	1,973,594	2,072,642	3,028,955	38,505,479
12	Capacity Sales and Purchases	Other		on-going no term date	(5,587)	0	0	0	0	225,736	244,901	0	0	0	72,800	(21,852)	515,997
13	Shady Hills Tolling	PPA	517	4/1/07-4/30/24	1,976,940	1,976,940	1,976,940	804,060	1,916,460	3,896,100	4,825,132	2,675,452	597,532	799,264	940,024	1,779,955	24,164,799
14	RidgeGen Agreement Termination				670,785	667,189	656,848	657,880	654,349	650,819	647,288	643,758	640,228	636,697	633,167	625,726	7,784,734
15	Hamilton SoBRA True-Up				0	0	0	0	0	0	0	0	0	0	0	0	0
16	Columbia SoBRA True-Up				0	0	0	0	0	0	0	0	0	0	0	0	0
17	Lake Placid SoBRA True-Up				0	0	0	0	0	0	0	0	0	0	0	0	0
18	Trenton SoBRA True-Up				0	0	0	0	0	0	0	0	0	0	0	0	0
19	Debary SoBRA True-Up				0	0	0	0	0	0	0	0	0	0	0	0	0
20	State Corporate Income Tax Change				(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(2,793,312)
	TOTAL				46,192,158	46,281,305	43,252,129	42,065,174	44,334,473	45,658,041	45,359,465	44,858,388	39,722,392	39,101,298	39,235,077	40,781,749	516,841,648

Note: Schedule A12 has been updated from the version filed on January 20, 2022 to reflect the True-Up WACC as prescribed in Order No. PSC-2020-0165-PAA-EU.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 5
PARTY: GPD-4T
DESCRIPTION: 2021 Capital Structure and Cost Rates Applied toCapital Projects

Docket No. 20220001-EI
Witness: Dean
Amended Exhibit No. (GPD-4T)
Shhet 1 of 1

Duke Energy Florida, LLC
Fuel and Purchased Power Cost Recovery Clause
Capital Structure and Cost Rates Applied to Capital Projects
Actual Capital Structure and Cost Rates

		(1) Jurisdictional Rate Base Adjusted Retail ($000s)	(2) Cap Ratio	(3) Cost Rate	(4) Weighted Cost	(5) Revenue Requirement Rate	(6) Monthly Revenue Requirement Rate
1	Common Equity	$ 6,688,612	43.79%	10.50%	4.60%	6.04%	0.5033%
2	Long Term Debt	5,674,817	37.16%	4.31%	1.60%	1.60%	0.1333%
3	Short Term Debt	260,772	1.71%	0.16%	0.00%	0.00%	0.0000%
4	Cust Dep Active	178,995	1.17%	2.65%	0.03%	0.03%	0.0025%
5	Cust Dep Inactive	1,625	0.01%		0.00%	0.00%	0.0000%
6	Invest Tax Cr	165,584	1.08%	7.66%	0.08%	0.10%	0.0083%
7	Deferred Inc Tax	2,302,312	15.07%		0.00%	0.00%	0.0000%
8	**Total**	**$ 15,272,718**	**100.00%**		**6.31%**	**7.77%**	**0.6475%**

	ITC split between Debt and Equity**:		Ratio	Cost Rate	Ratio	Ratio	Deferred Inc Tax	Weighted ITC	After Gross-up
9	Common Equity	6,688,612	54%	10.5%	5.68%	74.2%	0.08%	0.0593%	0.078%
10	Preferred Equity	-	0%				0.08%	0.0000%	0.000%
11	Long Term Debt	5,674,817	46%	4.31%	1.98%	25.8%	0.08%	0.0207%	0.021%
12		12,363,429	100%		7.66%			0.0800%	0.099%

	Breakdown of Revenue Requirement Rate of Return between Debt and Equity:	
13	Total Equity Component (Lines 1 and 9)	6.118%
14	Total Debt Component (Lines 2, 3 , 4 , and 11)	1.651%
15	**Total Revenue Requirement Rate of Return**	**7.769%**

Effective Tax Rate: 23.793%

Column:

(1) Per Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology
(2) Column (1) / Total Column (1)
(3) Per Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology Line 6 and Line 12, the cost rate of ITC's is determined under Treasury Regulation section 1.46-6(b)(3)(ii).
(4) Column (2) x Column (3)
(5) For equity components: Column (4) / (1-effective income tax rate/100)
* For debt components: Column (4)
** Line 6 is the pre-tax ITC components from Lines 9 and 11
(6) Column (5) / 12

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 6
PARTY: GPD-2
DESCRIPTION: Actual/Estimated True-up Schedules for period January – December 2022

Duke Energy Florida, LLC

Fuel Cost Recovery

Actual / Estimated True-Up

January through December 2022

Schedule E1-B – Calculation of Estimated True-up

Schedule E2 – Fuel Cost Recovery Clause Calculation by Month

Schedule E3 – Generating System Comparative Data

Schedule E4 – System Net Generation & Fuel Cost by Month

Schedule E5 – Inventory Analysis

Schedule E6 – Fuel Cost of Power Sold

Schedule E7 – Purchased Power

Schedule E8 – Energy Payments to Qualifying Facilities

Schedule E9 – Economy Energy Purchases

Capital Structure and Cost Rates Applied to Capital Projects
(Order No. PSC-0165-PAA-EU)

Duke Energy Florida, LLC
Calculation of Estimated True-Up
6 Months Actual and 6 Months Estimated
January 2022 - December 2022

			Jan Actual	Feb Actual	Mar Actual	Apr Actual	May Actual	Jun Actual	6 Month Sub-Total
A	1	Fuel Cost of System Generation	$ 135,309,148	$ 151,115,642	$ 145,301,994	$ 143,575,538	$ 216,213,880	$ 299,073,717	$ 1,090,589,919
	2	Fuel Cost of Power Sold	(15,933,266)	(9,383,848)	(7,665,612)	(9,863,934)	(16,700,651)	(44,385,222)	(103,932,533)
	3	Fuel Cost of Purchased Power	3,021,265	2,901,357	5,560,943	7,869,015	36,801,996	39,393,693	95,548,268
	3a	Demand and Non-Fuel Cost of Purchased Power							-
	3b	Energy Payments to Qualified Facilities	9,738,063	10,160,791	9,826,617	8,469,608	11,608,836	11,198,710	61,002,626
	4	Energy Cost of Economy Purchases	656,665	808,935	4,030,614	6,526,791	21,151,609	4,217,792	37,392,405
	5	Adjustments to Fuel Cost	1,058,093	1,737,630	1,039,802	1,044,002	1,041,886	1,064,404	6,985,817
	6	TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	133,849,969	157,340,506	158,094,357	157,621,020	270,117,556	310,563,094	1,187,586,501
B	1	Jurisdictional mWh Sales	2,676,220	2,869,047	3,140,899	2,967,573	3,330,558	3,929,445	18,913,742
	2	Non-Jurisdictional mWh Sales	(438)	215	1,202	(97)	3,815	94,349	99,045
	3	TOTAL SALES (Lines B1 + B2)	2,675,782	2,869,262	3,142,101	2,967,476	3,334,372	4,023,794	19,012,788
	4	Jurisdictional % of Total Sales (Line B1/B3)	100.02%	99.99%	99.96%	100.00%	99 89%	97.66%	99.48%
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	105,563,161	114,610,384	145,534,174	138,816,621	154,994,833	186,765,313	846,284,487
	2	True-Up Provision	(10,284,899)	(10,284,899)	(36,470,185)	(36,470,185)	(36,470,185)	(36,470,185)	(166,450,540)
	2a	Incentive Provision	(221,440)	(221,440)	(221,440)	(221,440)	(221,440)	(221,440)	(1,328,640)
	3	FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	95,056,822	104,104,045	108,842,549	102,124,996	118,303,208	150,073,688	678,505,307
	4	Fuel & Net Power Transactions (Line A6)	133,849,969	157,340,506	158,094,357	157,621,020	270,117,556	310,563,094	1,187,586,501
	5	Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	133,914,224	157,368,823	158,091,171	157,680,916	269,911,051	303,396,314	1,180,362,499
	6	Over/(Under) Recovery (Line C3 - Line C5)	(38,857,402)	(53,264,778)	(49,248,622)	(55,555,920)	(151,607,843)	(153,322,626)	(501,857,192)
	7	Interest Provision	(38,415)	(74,020)	(147,173)	(212,796)	(390,308)	(828,441)	(1,691,153)
	8	TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	(38,895,817)	(53,338,798)	(49,395,796)	(55,768,717)	(151,998,151)	(154,151,067)	(503,548,345)
	9	Plus: Prior Period Balance	(412,524,152)	(412,524,152)	(412,524,152)	(412,524,152)	(412,524,152)	(412,524,152)	(412,524,152)
	10	Plus: Cumulative True-Up Provision	10,284,899	20,569,798	57,039,983	93,510,169	129,980,354	166,450,540	166,450,540
	11	Subtotal Prior Period True-up	(402,239,253)	(391,954,354)	(355,484,169)	(319,013,983)	(282,543,798)	(246,073,612)	(246,073,612)
	12	Regulatory Accounting Adjustment	-	-	-	-	-	-	-
	13	TOTAL TRUE-UP BALANCE	($441,135,070)	(484,188,967)	($497,114,577)	($516,413,108)	($631,941,074)	($749,621,955)	(749,621,955)

Duke Energy Florida, LLC
Calculation of Estimated True-Up
6 Months Actual and 6 Months Estimated
January 2022 - December 2022

			Jul Estimated	Aug Estimated	Sep Estimated	Oct Estimated	Nov Estimated	Dec Estimated	12 Month Period
A	1	Fuel Cost of System Generation	$ 288,206,126	$ 285,647,917	$ 266,918,542	$ 238,375,494	$ 190,602,925	$ 204,112,982	$ 2,564,453,905
	2	Fuel Cost of Power Sold	(27,756,760)	(25,677,971)	(24,066,692)	(26,245,851)	(12,573,233)	(17,331,750)	(237,584,790)
	3	Fuel Cost of Purchased Power	16,143,527	14,338,622	14,464,772	9,716,330	2,374,279	322,450	152,908,248
	3a	Demand and Non-Fuel Cost of Purchased Power							0
	3b	Energy Payments to Qualified Facilities	17,485,281	17,459,378	16,677,566	15,099,503	16,698,217	17,287,269	161,709,840
	4	Energy Cost of Economy Purchases	7,204,536	7,026,417	7,356,538	5,905,582	1,662,095	1,010,420	67,557,993
	5	Adjustments to Fuel Cost	1,041,389	1,038,195	1,027,430	1,024,157	1,020,291	1,017,045	13,154,324
	6	TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	302,324,100	299,832,558	282,378,155	243,875,216	199,784,573	206,418,416	2,722,199,519
B	1	Jurisdictional mWh Sales	4,035,398	3,905,270	3,639,201	3,223,888	2,821,380	2,980,670	39,519,549
	2	Non-Jurisdictional mWh Sales	29,886	29,887	1,923	2,183	691	1,253	164,868
	3	TOTAL SALES (Lines B1 + B2)	4,065,284	3,935,157	3,641,124	3,226,071	2,822,071	2,981,922	39,684,417
	4	Jurisdictional % of Total Sales (Line B1/B3)	99.26%	99.24%	99.95%	99.93%	99 98%	99.96%	99.58%
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	192,897,992	185,534,051	172,903,942	152,979,235	133,900,234	141,649,189	1,826,149,128
	2	True-Up Provision	(36,470,185)	(36,470,185)	(36,470,185)	(36,470,185)	(36,470,185)	(36,470,185)	(385,271,647)
	2a	Incentive Provision	(221,440)	(221,440)	(221,440)	(221,440)	(221,440)	(221,439)	(2,657,279)
	3	FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	156,206,367	148,842,426	136,212,316	116,287,609	97,208,608	104,957,564	1,438,220,202
	4	Fuel & Net Power Transactions (Line A6)	302,324,100	299,832,558	282,378,155	243,875,216	199,784,573	206,418,416	2,722,199,519
	5	Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	300,215,598	297,668,445	282,336,282	243,802,787	199,811,567	206,410,096	2,710,607,274
	6	Over/(Under) Recovery (Line C3 - Line C5)	(144,009,231)	(148,826,019)	(146,123,966)	(127,515,178)	(102,602,958)	(101,452,532)	(1,272,387,076)
	7	Interest Provision	(964,070)	(1,097,164)	(1,231,686)	(1,353,583)	(1,449,514)	(1,529,923)	(9,317,092)
	8	TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	(144,973,301)	(149,923,183)	(147,355,652)	(128,868,761)	(104,052,472)	(102,982,455)	(1,281,704,170)
	9	Plus: Prior Period Balance	(412,524,152)	(412,524,152)	(412,524,152)	(412,524,152)	(412,524,152)	(412,524,152)	(412,524,152)
	10	Plus: Cumulative True-Up Provision	202,920,725	239,390,910	275,861,096	312,331,281	348,801,466	385,271,652	385,271,652
	11	Subtotal Prior Period True-up	(209,603,427)	(173,133,242)	(136,663,056)	(100,192,871)	(63,722,686)	(27,252,500)	(27,252,500)
	12	Regulatory Accounting Adjustment	-	-	-	-	-	-	-
	13	TOTAL TRUE-UP BALANCE *	($858,125,072)	($971,578,069)	($1,082,463,537)	($1,174,862,113)	($1,242,444,398)	($1,308,956,667)	(1,308,956,670)

* The $1.3B Total True-Up Balance on Line 13 includes $123.4M from the Rate Mitigation Plan approved in Order No. PSC-2021-4025-FOF-EI and $52.4M of the $314.2M Total Net True-Up from the Midcourse Filing approved in Order No. PSC-2022-0061-PCO-EI that are to be recovered in 2023 per these Orders. The $314.2M was approved to be recovered from March 2022 through February 2023.

Duke Energy Florida, LLC
Comparison of Actual/Estimated vs. Midcourse Projections
of the Fuel and Purchased Power Cost Recovery Factor
Estimated for the Period of : January 2022 hrough December 2022

		DOLLARS				mWh				c/kWh			
		Actual/ Estimated	Projection Filing	Difference		Actual/ Estimated	Projection Filing	Difference		Actual/ Estimated	Projection Filing	Difference	
				Amount	%			Amount	%			Amount	%
1	Fuel Cost of System Net Generation (E3)	2,564,453,905	1,503,047,729	1,061,406,176	71%	41,413,896	41,444,576	(30,679)	0%	6.192	3.627	2.566	71%
2	Coal Car Investment	-	0	-	0%			-	0%	0.000	0.000	0.000	0%
3	Adjustment to Fuel Cost	13,154,324	12,294,325	859,999	0%			-	0%	0.000	0.000	0.000	0%
4	TOTAL COST OF GENERATED POWER	2,577,608,228	1,515,342,054	1,062,266,175	70%	41,413,896	41,444,576	(30,679)	0%	6.224	3.656	2.568	70%
5	Energy Cost of Purchased Power (Excl. Econ & Cogens) (E7)	152,908,248	28,345,181	124,563,067	439%	1,408,105	427,757	980,348	229%	10.859	6.626	4.233	64%
6	Energy Cost of Economy Purchases (E9)	67,557,993	5,704,280	61,853,713	1084%	787,246	104,312	682,935	655%	8.582	5.468	3.113	57%
7	Payments to Qualifying Facilities (E8)	161,709,840	137,106,458	24,603,382	18%	2,521,523	2,680,089	(158,565)	-6%	6.413	5.116	1.297	25%
8	TOTAL COST OF PURCHASED POWER	382,176,081	171,155,919	211,020,162	123%	4,716,874	3,212,158	1,504,717	47%	8.102	5.328	2.774	52%
9	TOTAL AVAILABLE mWh (LINE 4 + LINE 8)			-		46,130,771	44,656,733	1,474,038	3%	0.000	0.000	0.000	0%
10	Fuel Cost of Economy Sales (E6)	(12,785,929)	(11,158,734)	(1,627,195)	15%	(298,284)	(258,432)	(39,852)	15%	4.286	4.318	-0.031	-1%
10a	Gain on Economy Sales (E6)	(3,059,660)	(2,932,140)	(127,520)	4%	(298,284)	(258,432)	(39,852)	15%	1.026	1.135	-0.109	-10%
10b	Gain on Total Power Sales - 20% (E6)	230,050	261,953	(31,903)	100%			-	0%	0.000	0.000	0.000	0%
11	Fuel Cost of Stra ified Sales (E6)	(221,969,251)	(84,787,474)	(137,181,777)	162%	(3,618,491)	(2,378,865)	(1,239,626)	52%	6.134	3.564	2.570	72%
12	TOTAL FUEL COST AND GAINS OF POWER SALES (LINES 10 + 10a + 10b + 11)	(237,584,790)	(98,616,395)	(138,968,395)	141%	(3,916,775)	(2,637,297)	(1,279,478)	49%	6.066	3.739	2.327	62%
13	Net Inadvertent Interchange					104,148	0	104,148					
14	TOTAL FUEL & NET POWER TRANSACTIONS (LINES 4 + 8 + 12 + 13)	2,722,199,519	1,587,881,578	1,134,317,941	71%	42,318,144	42,019,437	298,707	1%	6.433	3.779	2.654	70%
15	Net Unbilled					(1,025,956)	(49,398)	(976,557)	1977%	0.000	0.000	0.000	0%
16	Company Use					(136,804)	(152,029)	15,224	-10%	0.000	0.000	0.000	0%
17	T & D Losses					(1,470,967)	(2,218,678)	747,711	-34%	0.000	0.000	0.000	0%
18	SYSTEM mWh SALES	2,722,199,519	1,587,881,578	1,134,317,941	71%	39,684,417	39,599,332	85,085	0%	6.860	4.010	2.850	71%
19	Wholesale mWh Sales	(12,592,776)	(657,710)	(11,935,067)	1815%	(164,868)	(17,127)	(147,741)	863%	7.638	3.840	3.798	99%
20	Jurisdictional mWh Sales	2,709,606,743	1,587,223,869	1,122,382,875	71%	39,519,549	39,582,205	(62,656)	0%	6.856	4.010	2.846	71%
20a	Jurisdictional Loss Multiplier	1.00028	1.00028	0 00000	0%	1 00028	1.00028	0 00000	0%				
21	Jurisdictional Sales Adjusted for Line Losses	2,710,607,274	1,587,668,291	1,122,938,982	71%	39,519,549	39,582,205	(62,656)	0%	6.859	4.011	2.848	71%
22	TRUE-UP	385,271,652	385,271,648	4	0%	39,519,549	39,582,205	(62,656)	0%	0.975	0.973	0.002	0%
23	TOTAL JURISDICTIONAL FUEL COST	3,095,878,926	1,972,939,939	1,122,938,986	57%	39,519,549	39,582,205	(62,656)	0%	7.834	4.984	2.849	57%
24	CEC Bill Credit	5,123,413	9,263,878	(4,140,465)	-45%		39,582,205						
25	Fuel Factor Adjusted for Taxes	3,101,002,339	1,982,203,817	1,118,798,522	56%	39,519,549	39,582,205	(62,656)	0%	7.834	5.008	2.826	56%
26	GPIF	2,657,280	2,657,279	1	0%	39,519,549	39,582,205	(62,656)	0%	0.007	0.007	0.000	0%
27	Fuel Factor Adjusted for Taxes Including GPIF	3,103,659,624	1,984,861,096	1,118,798,528	56%	39,519,549	39,582,205	(62,656)	0%	7.853	5.015	2.839	57%
28	FUEL FACTOR ROUNDED TO NEAREST .001 c/kWh									7.853	5.015	2.839	57%

Docket No. 20220001-EI
Exhibit GPD-2, Part 1
Schedule E2

Duke Energy Florida, LLC
Fuel and Purchased Power Cost Recovery Clause
Estimated for the Period of : January 2022 through December 2022

			Actual Jan-22	Actual Feb-22	Actual Mar-22	Actual Apr-22	Actual May-22	Actual Jun-22	Estimated Jul-22	Estimated Aug-22	Estimated Sep-22	Estimated Oct-22	Estimated Nov-22	Estimated Dec-22	TOTAL
1	Fuel Cost of System Net Generation		$135,309,148	$151,115,642	$145,301,994	$143,575,538	$216,213,880	$299,073,717	$288,206,126	$285,647,917	$266,918,542	$238,375,494	$190,602,925	$204,112,982	$2,564,453,905
1a	Adjustments to Fuel Cost		1,058,093	1,737,630	1,039,802	1,044,002	1,041,886	1,064,404	1,041,389	1,038,195	1,027,430	1,024,157	1,020,291	1,017,045	13,154,324
2	Fuel Cost of Power Sold		(6,819,542)	(2,894,435)	(521,377)	(814,342)	(766,292)	(1,464,912)	0	(1,795)	0	(546)	(1,455,025)	(1,107,322)	(15,845,589)
2a	Gain on Total Power Sales - 20%		0	49,039	12,716	5,131	17,302	40,730	0	74	0	22	59,644	45,391	230,050
2b	Fuel Cost of Stratified Sales		(9,113,723)	(6,538,452)	(7,156,951)	(9,054,723)	(15,951,661)	(42,961,040)	(27,756,760)	(25,676,250)	(24,066,692)	(26,245,327)	(11,177,852)	(16,269,819)	(221,969,251)
3	Fuel Cost of Purchased Power (Excl Economy)		3,021,265	2,901,357	5,560,943	7,869,015	36,801,996	39,393,693	16,143,527	14,338,622	14,464,772	9,716,330	2,374,279	322,450	152,908,248
3a	Energy Payments to Qualifying Facilities		9,738,063	10,160,791	9,826,617	8,469,608	11,608,836	11,198,710	17,485,281	17,459,378	16,677,566	15,099,503	16,698,217	17,287,269	161,709,840
4	Energy Cost of Economy Purchases		656,665	808,935	4,030,614	6,526,791	21,151,609	4,217,792	7,204,536	7,026,417	7,356,538	5,905,582	1,662,095	1,010,420	67,557,993
5	Total System Fuel & Net Power Transactions		$133,849,969	$157,340,506	$158,094,357	$157,621,020	$270,117,556	$310,563,094	$302,324,100	$299,832,558	$282,378,155	$243,875,216	$199,784,573	$206,418,416	$2,722,199,519
6	Jurisdictional MWH Sold		2,676,220	2,869,047	3,140,899	2,967,573	3,330,558	3,929,445	4,035,398	3,905,270	3,639,201	3,223,888	2,821,380	2,980,670	39,519,549
7	Jurisdictional % of Total Sales		100.02%	99.99%	99.96%	100.00%	99.89%	97.66%	99.26%	99.24%	99.95%	99.93%	99.98%	99.96%	99.58%
8	Jurisdicitonal Fuel & Net Power Transactions		133,876,739	157,324,772	158,031,119	157,621,020	269,808,524	303,281,067	300,101,559	297,555,374	282,229,035	243,710,177	199,735,667	206,331,690	2,709,606,743
9	Jurisdictional Loss Multiplier		1.00028	1.00028	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038
10	Jurisdictional Fuel & Net Power Transactions		133,914,224	157,368,823	158,091,171	157,680,916	269,911,051	303,396,314	300,215,598	297,668,445	282,336,282	243,802,787	199,811,567	206,410,096	2,710,607,274
11	Adjusted System Sales	MWH	2,675,782	2,869,262	3,142,101	2,967,476	3,334,372	4,023,794	4,065,284	3,935,157	3,641,124	3,226,071	2,822,071	2,981,922	39,684,417
12	System Cost per MWH Sold	c/kwh	5.0022	5.4837	5.0315	5.3117	8.1010	7.7182	7.4367	7.6193	7.7552	7.5595	7.0794	6.9223	6.8596
13	Jurisdictional Loss Multiplier	x	1.00028	1.00028	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038
14	Jurisdictional Cost per MWH Sold	c/kwh	5.0039	5.4851	5.0333	5.3135	8.1041	7.7211	7.4396	7.6222	7.7582	7.5624	7.0821	6.9250	6.8589
15	Prior Period True-Up	+	0.3843	0.3585	1.1611	1.2290	1.0950	0.9281	0.9038	0.9339	1.0022	1.1313	1.2926	1.2236	0.9749
16	Total Jurisdictional Fuel Expense	c/kwh	5.3882	5.8435	6.1944	6.5424	9.1991	8.6492	8.3433	8.5561	8.7603	8.6936	8.3747	8.1485	7.8338
17	GPIF	+	0.0083	0.0077	0.0071	0.0075	0.0066	0.0056	0.0055	0.0057	0.0061	0.0069	0.0078	0.0074	0.0067
18	CEC Bill Credit		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0293	0.0290	0.0350	0.0342	0.0279	0.0130
19	Total Recovery Factor (rounded .001)	c/kwh	5.396	5.851	6.201	6.550	9.206	8.655	8.349	8.591	8.795	8.735	8.417	8.184	7.853

Duke Energy Florida, LLC
Generating System Comparative Data by Fuel Type
Estimated for the Period of : January 2022 through December 2022

			Actual Jan-22	Actual Feb-22	Actual Mar-22	Actual Apr-22	Actual May-22	Actual Jun-22	Subtotal
	FUEL COST OF SYSTEM NET GENERATION ($)								
1	LIGHT OIL		2,980,538	1,303,516	15,523,406	1,766,166	2,070,206	2,058,189	25,702,022
2	COAL		7,926,570	17,072,579	6,992,973	18,359,388	16,280,788	16,834,439	83,466,738
3	GAS		124,402,040	132,739,546	122,785,615	123,449,984	197,862,885	280,181,089	981,421,159
4	OTHER		0	0	0	0	0	0	0
5	TOTAL	$	135,309,148	151,115,642	145,301,994	143,575,538	216,213,880	299,073,717	1,090,589,919
	SYSTEM NET GENERATION (MWH)								
6	LIGHT OIL		10,830	6,659	85,339	2,134	2,711	5,059	112,731
7	COAL		203,163	441,822	177,541	490,081	424,606	445,374	2,182,587
8	GAS		3,015,292	2,269,185	2,576,488	2,472,255	3,012,288	3,684,973	17,030,481
9	SOLAR		83,847	85,690	109,408	132,273	157,886	173,242	742,345
10	OTHER		0	0	0	0	0	0	0
11	TOTAL	MWH	3,313,133	2,803,355	2,948,775	3,096,743	3,597,490	4,308,648	20,068,144
	UNITS OF FUEL BURNED								
12	LIGHT OIL	BBL	28,003	10,704	117,320	13,157	17,026	16,407	202,617
13	COAL	TON	96,297	201,940	82,670	224,411	208,266	221,900	1,035,484
14	GAS	MCF	21,965,824	16,387,987	19,231,336	18,405,267	22,869,826	27,492,718	126,352,958
15	OTHER	BBL	0	0	0	0	0	0	0
	BTUS BURNED (MMBTU)								
16	LIGHT OIL		156,013	61,328	670,259	75,677	98,301	94,423	1,156,001
17	COAL		2,186,010	4,553,747	1,870,491	5,085,153	4,651,413	5,018,934	23,365,749
18	GAS		22,466,422	16,754,655	19,652,815	18,794,661	23,380,855	28,079,125	129,128,533
19	OTHER		0	0	0	0	0	0	0
20	TOTAL	MMBTU	24,808,446	21,369,730	22,193,566	23,955,491	28,130,568	33,192,482	153,650,283
	GENERATION MIX (% MWH)								
21	LIGHT OIL		0.33%	0.24%	2.89%	0.07%	0.08%	0.12%	0.56%
22	COAL		6.13%	15.76%	6.02%	15.83%	11.80%	10.34%	10.88%
23	GAS		91.01%	80.95%	87.38%	79.83%	83.73%	85.53%	84.86%
24	SOLAR		2.53%	3.06%	3.71%	4.27%	4.39%	4.02%	3.70%
25	OTHER		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
26	TOTAL	%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	FUEL COST PER UNIT								
27	LIGHT OIL	$/BBL	106.44	121.78	132.32	134.24	121.59	125.45	126.85
28	COAL	$/TON	82.31	84.54	84.59	81.81	78.17	75.87	80.61
29	GAS	$/MCF	5.66	8.10	6.38	6.71	8.65	10.19	7.77
30	OTHER	$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FUEL COST PER MMBTU ($/MMBTU)								
31	LIGHT OIL		19.10	21.26	23.16	23.34	21.06	21.80	22.23
32	COAL		50.81	3.75	3.74	3.61	3.50	3.35	3.57
33	GAS		56.91	7.92	6.25	6.57	8.46	9.98	7.60
34	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	TOTAL	$/MMBTU	5.45	7.07	6.55	5.99	7.69	9.01	7.10
	BTU BURNED PER KWH (BTU/KWH)								
36	LIGHT OIL		14,405	9,210	7,854	35,465	36,264	18,666	10,255
37	COAL		768	10,307	10,536	10,376	10,955	11,269	10,706
38	GAS		725	7,384	7,628	7,602	7,762	7,620	7,582
39	OTHER		0	0	0	0	0	0	0
40	TOTAL	BTU/KWH	7,488	7,623	7,526	7,736	7,819	7,704	7,656
	GENERATED FUEL COST PER KWH (C/KWH)								
41	LIGHT OIL		27.52	19.58	18.19	82.77	76.37	40.69	22.80
42	COAL		3.90	3.86	3.94	3.75	3.83	3.78	3.82
43	GAS		4.13	5.85	4.77	4.99	6.57	7.60	5.76
44	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	TOTAL	C/KWH	4.08	5.39	4.93	4.64	6.01	6.94	5.43

Duke Energy Florida, LLC
Generating System Comparative Data by Fuel Type
Estimated for the Period of : January 2022 through December 2022

			Estimated Jul-22	Estimated Aug-22	Estimated Sep-22	Estimated Oct-22	Estimated Nov-22	Estimated Dec-22	Total
	FUEL COST OF SYSTEM NET GENERATION ($)								
1	LIGHT OIL		843,603	973,709	1,054,225	985,569	787,659	1,173,077	31,519,864
2	COAL		9,286,476	8,955,690	9,597,513	6,862,500	20,491,064	14,537,907	153,197,888
3	GAS		278,076,047	275,718,518	256,266,804	230,527,425	169,324,202	188,401,998	2,379,736,153
4	OTHER		0	0	0	0	0	0	0
5	TOTAL	$	288,206,126	285,647,917	266,918,542	238,375,494	190,602,925	204,112,982	2,564,453,905
	SYSTEM NET GENERATION (MWH)								
6	LIGHT OIL		3,737	4,025	5,076	3,864	2,093	4,833	136,359
7	COAL		187,681	174,223	183,992	128,030	461,966	321,011	3,639,490
8	GAS		3,742,168	3,735,984	3,447,478	3,124,113	2,243,042	2,603,642	35,926,909
9	SOLAR		181,053	188,637	172,229	166,930	140,884	119,061	1,711,139
10	OTHER		0	0	0	0	0	0	0
11	TOTAL	MWH	4,114,639	4,102,869	3,808,775	3,422,937	2,847,985	3,048,547	41,413,896
	UNITS OF FUEL BURNED								
12	LIGHT OIL	BBL	7,005	7,972	9,399	7,929	5,608	10,022	250,552
13	COAL	TON	91,948	82,404	86,131	58,473	202,549	141,235	1,698,224
14	GAS	MCF	27,704,114	27,663,084	25,869,304	23,253,132	16,218,801	17,877,542	264,938,935
15	OTHER	BBL	0	0	0	0	0	0	0
	BTUS BURNED (MMBTU)								
16	LIGHT OIL		40,793	46,434	54,755	46,180	32,671	58,383	1,435,217
17	COAL		2,125,685	1,912,400	2,002,743	1,361,679	4,721,354	3,294,882	38,784,492
18	GAS		27,704,114	27,663,084	25,869,304	23,253,132	16,218,801	17,877,542	267,714,510
19	OTHER		0	0	0	0	0	0	0
20	TOTAL	MMBTU	29,870,592	29,621,918	27,926,802	24,660,991	20,972,826	21,230,807	307,934,219
	GENERATION MIX (% MWH)								
21	LIGHT OIL		0.09%	0.10%	0.13%	0.11%	0.07%	0.16%	0.33%
22	COAL		4.56%	4 25%	4.83%	3.74%	16.22%	10.53%	8.79%
23	GAS		90.95%	91 06%	90.51%	91.27%	78.76%	85.41%	86.75%
24	SOLAR		4.40%	4.60%	4.52%	4.88%	4.95%	3.91%	4.13%
25	OTHER		0.00%	0 00%	0.00%	0.00%	0.00%	0.00%	0.00%
26	TOTAL	%	100.00%	100 00%	100.00%	100.00%	100.00%	100.00%	100.00%
	FUEL COST PER UNIT								
27	LIGHT OIL	$/BBL	120.43	122.14	112.16	124.30	140.45	117.05	125.80
28	COAL	$/TON	101.00	108.68	111.43	117.36	101.17	102.93	90.21
29	GAS	$/MCF	10.04	9.97	9.91	9.91	10.44	10.54	8.98
30	OTHER	$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FUEL COST PER MMBTU ($/MMBTU)								
31	LIGHT OIL		20.68	20.97	19.25	21.34	0.00	0.00	21.96
32	COAL		4.37	4.68	4.79	5.04	4.34	0.00	3.95
33	GAS		10.04	9.97	9.91	9.91	10.44	10.54	8.89
34	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	TOTAL	$/MMBTU	9.65	9.64	9.56	9.67	9.09	9.61	8.33
	BTU BURNED PER KWH (BTU/KWH)								
36	LIGHT OIL		10,916	11,536	10,787	11,951	15,609	12,081	10,525
37	COAL		11,326	10,977	10,885	10,636	10,220	10,264	10,657
38	GAS		7,403	7,404	7,504	7,443	7,231	6,866	7,452
39	OTHER		0	0	0	0	0	0	0
40	TOTAL	BTU/KWH	7,260	7,220	7,332	7,205	7,364	6,964	7,436
	GENERATED FUEL COST PER KWH (C/KWH)								
41	LIGHT OIL		22.58	24.19	20.77	25.51	37.63	24.27	23.12
42	COAL		4.95	5.14	5.22	5.36	4.44	4.53	4.21
43	GAS		7.43	7.38	7.43	7.38	7.55	7.24	6.62
44	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	TOTAL	C/KWH	7.00	6.96	7.01	6.96	6.69	6.70	6.19

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Jul-22

	(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)		(J)	(K)	(L)	(M)
	PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)		FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1	CRYSTAL RIVER	4	732	182,360	33 5	87.42	38.3	11,339	COAL	89,447	TONS	23.12	2,067,860	8,434,235	4.63
2	CRYSTAL RIVER	5	712	5,321	1 0	90.32	39.3	10,867	COAL	2,501	TONS	23.12	57,825	852,241	16.02
3	ANCLOTE	1	517	107,259	27 9	91.94	46.4	10,716	GAS	1,149,434	MCF	1 00	1,149,434	11,797,234	11.00
4	ANCLOTE	2	521	139,737	36 0	93.23	38.6	11,501	GAS	1,607,080	MCF	1 00	1,607,080	15,867,991	11.36
5	BARTOW	1-4	228	448	0.4	89.19	16.3	14,184	GAS	6,359	MCF	1 00	6,359	63,821	14.24
6	BARTOWCC	1	1279	666,940	70.1	93.55	75.0	7,388	GAS	4,927,517	MCF	1 00	4,927,517	49,454,082	7.42
7	CITRUS CC	1-2	1640	1,116,093	91 5	94.52	96.8	6,522	GAS	7,279,142	MCF	1.00	7,279,142	73,055,712	6.55
8	DEBARY	1-10	785	3,635	0.7	73.64	9.1	12,842	GAS	46,682	MCF	1.00	46,682	468,518	12.89
9	HINESCC	1-4	2,204	1,251,603	76 5	95.65	80.0	7,310	GAS	9,148,787	MCF	1 00	9,148,787	91,820,060	7.34
10	INT CITY	1-14	1,186	8,987	1 0	92.89	6.2	12,848	GAS	115,460	MCF	1 00	115,460	1,158,778	12.89
11	OSPREY	1	505	304,850	81.1	95.65	97.4	7,537	GAS	2,297,803	MCF	1 00	2,297,803	23,061,462	7.56
12	SUWANNEE CT	1-3	200	574	0 5	87.90	24.9	13,536	GAS	7,768	MCF	1 00	7,768	77,962	13.59
13	TIGER BAY	1	225	111,101	66.4	88.39	88.3	7,453	GAS	828,016	MCF	1 00	828,016	8,310,229	7.48
14	UNIV OF FLA.	1	47	30,941	88 5	94.52	93.6	9,375	GAS	290,066	MCF	1 00	290,066	2,940,198	9.50
15	BARTOW	1-4	228	185	0.4	89.19	16.3	15,957	LIGHT O L	507	BBLS	5 82	2,950	64,963	35.14
16	BARTOW CC	1	1,279	0	70.1	93.55	75.0	0	LIGHT O L	0	BBLS	5 82	0	0	0.00
17	BAYBORO	1-4	231	158	0.1	93.87	17.1	13,841	LIGHT O L	377	BBLS	5 82	2,191	48,400	30.57
18	DEBARY	1-10	785	669	0.7	73.64	9.1	13,241	LIGHT O L	1,521	BBLS	5 82	8,858	191,482	28.62
19	HINESCC	1-4	2,204	2,547	76 5	95.65	80.0	7,109	LIGHT O L	3,108	BBLS	5.82	18,105	289,619	11.37
20	OTHER		0	0	0 0	0.00	0.0	0	LIGHT O L	0	BBLS	5 82	0	0	0.00
21	INT CITY	1-14	1,186	54	1 0	92.89	6.2	14,686	LIGHT O L	137	BBLS	5 82	796	24,733	45.63
22	SUWANNEE CT	1-3	200	124	0 5	87.90	24.9	13,480	LIGHT O L	286	BBLS	5 82	1,668	34,400	27.80
23	OTHER - START UP	0	-	0	-	0.00	0.0	0	LIGHT O L	1,069	BBLS	5 82	6,225	190,006	0.00
24	SOLAR	1	813	181,053	29 9	0.00	53.9	0	SOLAR	0	N/A		0	0	0.00
25	TOTAL			4,114,639									29,870,592	288,206,126	7.00

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Aug-22

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
	PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1	CRYSTAL RIVER	4 732	5,549	1.0	85.16	42.1	11,165	COAL	2,670 TONS	23.20	61,954	882,303	15 90
2	CRYSTAL RIVER	5 712	168,674	31.8	88.39	36.0	10,971	COAL	79,734 TONS	23.21	1,850,446	8,073,387	4.79
3	ANCLOTE	1 517	117,513	30.6	88.71	39.9	10,847	GAS	1,274,669 MCF	1.00	1,274,669	12,771,656	10.87
4	ANCLOTE	2 521	118,985	30.7	91.29	33.6	11,737	GAS	1,396,544 MCF	1.00	1,396,544	13,849,514	11.64
5	BARTOW	1-4 1,279	559	0.1	89.03	3.1	14,152	GAS	7,908 MCF	1.00	7,908	78,812	14.10
6	BARTOWCC	1 1279	679,612	71.4	96.45	74.1	7,382	GAS	5,016,728 MCF	1.00	5,016,728	49,996,453	7.36
7	CITRUS CC	1-2 1640	1,146,772	94.0	97.26	96.6	6,516	GAS	7,472,371 MCF	1.00	7,472,371	74,469,258	6.49
8	DEBARY	1-10 785	5,292	1.0	80.00	9.5	12,907	GAS	68,302 MCF	1.00	68,302	680,691	12.86
9	H NESCC	1-4 2,204	1,220,020	74.6	95.00	78.5	7,317	GAS	8,926,787 MCF	1.00	8,926,787	88,963,891	7.29
10	INT CITY	1-14 1,186	11,666	1.3	80.14	6.3	12,923	GAS	150,758 MCF	1.00	150,758	1,502,437	12.88
11	OSPREY	1 505	278,391	74.1	95.74	97.6	7,588	GAS	2,112,563 MCF	1.00	2,112,563	21,053,693	7.56
12	SUWANNEE CT	1-3 200	774	0.6	83.71	23.9	13,497	GAS	10,451 MCF	1.00	10,451	104,154	13.45
13	TIGER BAY	1 225	124,721	74.5	91.61	88.3	7,450	GAS	929,182 MCF	1.00	929,182	9,260,175	7.42
14	UNIV OF FLA.	1 47	31,680	90.6	96.77	93.6	9,369	GAS	296,821 MCF	1.00	296,821	2,987,784	9.43
15	BARTOW	1-4 228	190	0.4	89 03	17.3	15,900	LIGHT OIL	518 BBLS	5.83	3,018	66,351	34.96
16	BARTOW CC	1 1,279	0	71.4	96.45	74.1	0	LIGHT OIL	0 BBLS	5.83	0	0	0 00
17	BAYBORO	1-4 231	149	0.1	92.74	16.2	13,851	LIGHT OIL	355 BBLS	5.83	2,068	45,915	30.75
18	DEBARY	1-10 785	719	1.0	80 00	9.5	13,282	LIGHT OIL	1,642 BBLS	5.83	9,556	205,250	28.53
19	H NESCC	1-4 2,204	2,742	74.6	95.00	78.5	7,116	LIGHT OIL	3,349 BBLS	5.83	19,513	310,045	11.31
20	OTHER	0	0	0.0	0 00	0.0	0	LIGHT OIL	0 BBLS	5.83	0	0	0 00
21	INT CITY	1-14 1,186	91	1.3	80.14	6.3	14,890	LIGHT OIL	232 BBLS	5.83	1,352	34,116	37.57
22	SUWANNEE CT	1-3 200	134	0.6	83.71	23.9	13,460	LIGHT OIL	308 BBLS	5.83	1,797	37,224	27.88
23	OTHER - START UP	0 -	0	-	0.00	0.0	0	LIGHT OIL	1,568 BBLS	5.83	9,130	274,808	0.00
24	SOLAR	1 888	188,637	28.5	0.00	52.7	0	SOLAR	0 N/A		0	0	0.00
25	TOTAL		4,102,869								29,621,918	285,647,917	6.96

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Sep-22

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
	PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1	CRYSTAL RIVER	4 732	4,011	0 8	92.00	45.7	11,008	COAL	1,899 TONS	23.25	44,152	817,248	20.38
2	CRYSTAL RIVER	5 712	179,981	35.1	91.67	38.3	10,882	COAL	84,232 TONS	23.25	1,958,591	8,780,265	4.88
3	ANCLOTE	1 517	136,115	36.6	91.00	43.7	10,748	GAS	1,462,951 MCF	1.00	1,462,951	14,583,564	10.71
4	ANCLOTE	2 521	141,599	37.7	95.67	39.6	11,470	GAS	1,624,117 MCF	1.00	1,624,117	15,994,248	11.30
5	BARTOW	1-4 1,279	379	0.1	89.00	2.8	14,170	GAS	5,374 MCF	1.00	5,374	53,224	14.03
6	BARTOWCC	1 1279	657,875	71.4	95.00	75.2	7,394	GAS	4,864,181 MCF	1.00	4,864,181	48,180,336	7.32
7	CITRUS CC	1-2 1640	777,278	65.8	66.31	90.0	6,525	GAS	5,071,743 MCF	1.00	5,071,743	50,236,271	6.46
8	DEBARY	1-10 785	3,428	0.7	80.10	9.0	12,843	GAS	44,031 MCF	1.00	44,031	436,138	12.72
9	HINES CC	1-4 2,204	1,262,497	79.7	96.83	82.3	7,280	GAS	9,190,735 MCF	1.00	9,190,735	91,035,414	7.21
10	NT CITY	1-14 1,186	6,901	0.9	85.77	6.3	12,846	GAS	88,653 MCF	1.00	88,653	878,119	12.72
11	OSPREY	1 505	309,652	85.2	95.92	99.5	7,517	GAS	2,327,517 MCF	1.00	2,327,517	23,054,356	7.45
12	SUWANNEE CT	1-3 200	444	0.4	83.84	23.3	13,506	GAS	5,993 MCF	1.00	5,993	59,358	13.38
13	TIGER BAY	1 225	121,423	75.0	90.33	88.5	7,444	GAS	903,825 MCF	1.00	903,825	8,952,500	7.37
14	UNIV OF FLA.	1 47	29,885	88.3	94.33	93.6	9,375	GAS	280,184 MCF	1.00	280,184	2,803,276	9.38
15	BARTOW	1-4 228	203	0.4	89.00	16.0	15,869	LIGHT OIL	554 BBLS	5.82	3,227	70,628	34.73
16	BARTOW CC	1 1,279	0	71.4	95.00	75.2	0	LIGHT OIL	0 BBLS	5.82	0	0	0.00
17	BAYBORO	1-4 231	167	0.1	92.67	18.0	13,848	LIGHT OIL	396 BBLS	5.82	2,307	50,739	30.46
18	DEBARY	1-10 785	745	0.7	80.10	9.0	13,254	LIGHT OIL	1,695 BBLS	5.82	9,870	211,460	28.40
19	HINESCC	1-4 2,204	2,664	79.7	96.83	82.3	7,091	LIGHT OIL	3,242 BBLS	5.82	18,889	300,995	11.30
20	OTHER	0	0	0.0	0.00	0.0	0	LIGHT OIL	0 BBLS	5.82	0	0	0.00
21	NT CITY	1-14 1,186	1,183	0.9	85.77	6.3	12,837	LIGHT OIL	2,606 BBLS	5.82	15,186	267,252	22.59
22	SUWANNEE CT	1-3 200	115	0.4	83.84	23.3	13,451	LIGHT OIL	265 BBLS	5.82	1,541	32,651	28.50
23	OTHER - START UP	0 -	0	-	0.00	0.0	0	LIGHT OIL	641 BBLS	5.82	3,735	120,500	0.00
24	SOLAR	1 888	172,229	26.9	0.00	51.2	0	SOLAR	0 N/A		0	0	0.00
25	TOTAL		3,808,775								27,926,802	266,918,542	7.01

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Oct-22

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
	PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVA L FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1	CRYSTAL RIVER 4	732	18,030	3 3	83.87	58.6	10,620	COAL	8,223 TONS	23.29	191,487	1,418,466	7.87
2	CRYSTAL RIVER 5	712	110,000	20 8	87.42	48.1	10,638	COAL	50,250 TONS	23.29	1,170,192	5,444,034	4.95
3	ANCLOTE 1	517	105,564	27.4	92.90	39.0	10,860	GAS	1,146,457 MCF	1.00	1,146,457	11,365,649	10.77
4	ANCLOTE 2	521	98,387	25.4	93.87	35.1	11,661	GAS	1,147,304 MCF	1.00	1,147,304	11,373,003	11.56
5	BARTOW 1-4	1,279	343	0.1	88.79	2.7	13,998	GAS	4,805 MCF	1.00	4,805	47,632	13.88
6	BARTOWCC 1	1279	648,690	68 2	92.47	69.8	7,490	GAS	4,858,561 MCF	1.00	4,858,561	48,164,194	7.42
7	CITRUS CC 1-2	1640	857,053	70 2	73.46	89.2	6,539	GAS	5,604,620 MCF	1.00	5,604,620	55,560,077	6.48
8	DEBARY 1-10	785	2,617	0 6	76.52	8.9	12,873	GAS	33,685 MCF	1.00	33,685	333,923	12.76
9	HINES CC 1-4	2,204	1,127,708	68 9	87.20	78.6	7,335	GAS	8,271,497 MCF	1.00	8,271,497	81,997,527	7.27
10	INT CITY 1-14	1,186	5,697	0.7	94.19	6.2	12,890	GAS	73,430 MCF	1.00	73,430	727,934	12.78
11	OSPREY 1	505	144,275	38.4	41.06	99.5	7,513	GAS	1,083,888 MCF	1.00	1,083,888	10,744,866	7.45
12	SUWANNEE CT 1-3	200	351	0 3	84.68	24.0	13,466	GAS	4,724 MCF	1.00	4,724	46,832	13.35
13	TIGER BAY 1	225	119,596	71.4	89.68	87.3	7,476	GAS	894,088 MCF	1.00	894,088	8,863,331	7.41
14	UNIV OF FLA. 1	47	13,834	39 6	38.73	93.7	9,403	GAS	130,073 MCF	1.00	130,073	1,302,457	9.42
15	BARTOW 1-4	228	180	0 3	88.79	15.3	15,878	LIGHT OIL	491 BBLS	5.82	2,857	63,023	35.02
16	BARTOW CC 1	1,279	0	68 2	92.47	69.8	0	LIGHT OIL	0 BBLS	5.82	0	0	0.00
17	BAYBORO 1-4	231	163	0.1	92.98	17.6	13,838	LIGHT OIL	387 BBLS	5.82	2,250	49,601	30.50
18	DEBARY 1-10	785	612	0 6	76.52	8.9	13,389	LIGHT OIL	1,408 BBLS	5.82	8,198	178,432	29.14
19	HINESCC 1-4	2,204	2,645	68 9	87.20	78.6	7,111	LIGHT O L	3,228 BBLS	5.82	18,809	299,832	11.34
20	OTHER	0	0	0 0	0.00	0.0	0	LIGHT O L	0 BBLS	5.82	0	0	0.00
21	INT CITY 1-14	1,186	135	0.7	94.19	6.2	14,525	LIGHT O L	336 BBLS	5.82	1,958	44,327	32.88
22	SUWANNEE CT 1-3	200	129	0 3	84.68	24.0	13,413	LIGHT OIL	298 BBLS	5.82	1,733	36,688	28.40
23	OTHER - START UP 0	-	0	-	0.00	0.0	0	LIGHT O L	1,781 BBLS	5.82	10,375	313,666	0.00
24	SOLAR 1	888	166,930	25 3	0.00	50.4	0	SOLAR	0 N/A		0	0	0.00
25	TOTAL		3,422,937								24,660,991	238,375,494	6.96

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Nov-22

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	4	732	220,299	41.8	85.67	65.1	10,271	COAL	97,074 TONS	23 31	2,262,775	9,848,670	4.47
2 CRYSTAL RIVER	5	712	241,667	47.1	85.67	60 9	10,173	COAL	105,475 TONS	23 31	2,458,579	10,642,394	4.40
3 ANCLOTE	1	517	7,694	2.1	86.19	27 6	11,213	GAS	86,276 MCF	1 00	86,276	936,132	12.17
4 ANCLOTE	2	521	10,755	2.9	86.90	25 2	11,836	GAS	127,301 MCF	1 00	127,301	1,293,178	12.02
5 BARTOW	1-4	1,279	204	0.0	41.78	3 0	13,631	GAS	2,775 MCF	1 00	2,775	28,974	14.23
6 BARTOWCC	1	1279	222,395	24.2	48.03	24 9	10,280	GAS	2,286,262 MCF	1 00	2,286,262	23,863,958	10.73
7 CITRUS CC	1-2	1640	1,024,890	86.8	83.83	90 8	6,495	GAS	6,656,921 MCF	1 00	6,656,921	69,484,804	6.78
8 DEBARY	1-10	785	2,636	0.6	64.47	8 2	13,582	GAS	35,803 MCF	1 00	35,803	373,707	14.18
9 HINES	1-4	2,204	820,640	51.8	75.54	83 2	7,046	GAS	5,782,494 MCF	1 00	5,782,494	60,357,552	7.35
10 INT CITY	1-14	1,186	1,716	0.2	83.62	6 3	12,875	GAS	22,095 MCF	1 00	22,095	230,638	13.44
11 OSPREY	1	505	48,212	13.3	53.99	95 5	7,750	GAS	373,631 MCF	1 00	373,631	3,899,952	8.09
12 SUWANNEE CT	1-3	200	440	0.4	63.63	24 6	13,328	GAS	5,862 MCF	1 00	5,862	61,196	13.91
13 TIGER BAY	1	225	68,660	42.4	92.00	97 5	7,466	GAS	512,637 MCF	1 00	512,637	5,350,892	7.79
14 UNIV OF FLA.	1	47	34,800	102.8	96.67	106.4	9,389	GAS	326,744 MCF	1 00	326,744	3,443,219	9.89
15 BARTOW	1-4	228	218	0.3	41.78	16 8	15,058	LIGHT OIL	563 BBLS	5 83	3,280	71,715	32.92
16 BARTOW CC	1	1,279	0	24.2	48.03	24 9	0	LIGHT OIL	0 BBLS	5 83	0	0	0.00
17 BAYBORO	1-4	231	209	0.1	94.00	22 6	13,388	LIGHT OIL	480 BBLS	5 83	2,798	60,652	29.02
18 DEBARY	1-10	785	707	0.6	64.47	8 2	13,132	LIGHT OIL	1,593 BBLS	5 83	9,284	199,893	28.28
19 HINESCC	1-4	2,204	809	51.8	75.54	83 2	7,125	LIGHT OIL	989 BBLS	5 83	5,761	110,514	13.67
20 OTHER		0	0	0.0	0.00	0 0	0	LIGHT OIL	0 BBLS	5 83	0	0	0.00
21 INT CITY	1-14	1,186	0	0.0	83.62	0 0	0	LIGHT OIL	0 BBLS	5 83	0	11,326	0.00
22 SUWANNEE CT	1-3	200	151	0.4	63.63	24 6	13,284	LIGHT OIL	344 BBLS	5 83	2,003	42,384	28.11
23 OTHER - START UP	0	-	0	-	0.00	0 0	0	LIGHT OIL	1,639 BBLS	5 83	9,545	291,175	0.00
24 SOLAR	1	888	140,884	22.0	0.00	44 6	0	SOLAR	0 N/A		0	0	0.00
25 TOTAL			2,847,985								20,972,826	190,602,925	6.69

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Dec-22

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	4	732	112,764	20.7	91.61	60 6	10,337	COAL	49,967 TONS	23 33	1,165,691	5,339,264	4.73
2 CRYSTAL RIVER	5	712	208,247	39.3	85.16	56.7	10,224	COAL	91,268 TONS	23 33	2,129,191	9,198,643	4.42
3 ANCLOTE	1	517	0	0.0	49.73	0 0	0	GAS	0 MCF		0	55,115	0.00
4 ANCLOTE	2	521	4,519	1.2	49.73	13 3	14,905	GAS	67,354 MCF	1 00	67,354	654,568	14.48
5 BARTOW	1-4	1,279	81	0.0	77.47	2.1	18,284	GAS	1,481 MCF	1 00	1,481	15,608	19.27
6 BARTOWCC	1	1279	610,201	64.1	94.52	67 9	7,134	GAS	4,353,418 MCF	1 00	4,353,418	45,870,145	7.52
7 CITRUS CC	1-2	1640	1,203,719	98.7	96.46	102 2	6,483	GAS	7,803,518 MCF	1 00	7,803,518	82,222,406	6.83
8 DEBARY	1-10	785	1,609	0.4	76.25	7 8	13,982	GAS	22,503 MCF	1 00	22,503	237,112	14.73
9 HINES CC	1-4	2,204	668,522	40.9	89.48	80 5	6,987	GAS	4,671,158 MCF	1 00	4,671,158	49,218,044	7.36
10 INT CITY	1-14	1,186	1,858	0.4	94.15	6.4	13,117	GAS	24,367 MCF	1 00	24,367	256,746	13.82
11 OSPREY	1	505	61,942	16.5	96.75	97 3	7,712	GAS	477,694 MCF	1 00	477,694	5,033,258	8.13
12 SUWANNEE CT	1-3	200	716	0.6	85.00	24.1	13,662	GAS	9,787 MCF	1 00	9,787	103,128	14.40
13 TIGER BAY	1	225	14,475	8.6	90.00	100 5	7,479	GAS	108,262 MCF	1 00	108,262	1,140,708	7.88
14 UNIV OF FLA.	1	47	36,000	103.0	96.77	106.4	9,389	GAS	338,000 MCF	1 00	338,000	3,595,160	9.99
15 BARTOW	1-4	228	0	0.0	77.47	0 0	0	LIGHT OIL	0 BBLS		0	4,356	0.00
16 BARTOW CC	1	1,279	0	64.1	94.52	67 9	0	LIGHT OIL	0 BBLS		0	0	0.00
17 BAYBORO	1-4	231	220	0.1	93.71	23 9	13,389	LIGHT OIL	507 BBLS		2,951	63,728	28.91
18 DEBARY	1-10	785	903	0.4	76.25	7 8	13,393	LIGHT OIL	2,077 BBLS		12,099	255,515	28.28
19 HINESCC	1-4	2,204	1,950	40.9	89.48	80 5	7,021	LIGHT OIL	2,350 BBLS		13,690	225,568	11.57
20 OTHER		0	0	0.0	0.00	0 0	0	LIGHT OIL	0 BBLS		0	0	0.00
21 INT CITY	1-14	1,186	1,609	0.4	94.15	6.4	12,791	LIGHT OIL	3,533 BBLS		20,585	361,706	22.48
22 SUWANNEE CT	1-3	200	150	0.6	85.00	24.1	13,388	LIGHT OIL	344 BBLS		2,003	42,834	28.63
23 OTHER - START UP	0	-	0	-	0.00	0 0	0	LIGHT OIL	1,211 BBLS		7,055	219,370	0.00
24 SOLAR	1	888	119,061	18.0	0.00	34 3	0	SOLAR	0 N/A		0	0	0.00
25 TOTAL			3,048,547								21,230,807	204,112,982	6.70

Duke Energy Florida, LLC
Inventory Analysis

Estimated for the Period of : January 2022 through December 2022

			Act Jan-22	Act Feb-22	Act Mar-22	Act Apr-22	Act May-22	Act Jun-22	Subtotal
	LIGHT OIL								
1	PURCHASES:								
2	UNITS	BBL	40,788	54,369	60,165	5,143	5,844	2,476	168,785
3	UNIT COST	$/BBL	121.09	129.72	156.89	177.90	181 23	183.16	141.36
4	AMOUNT	$	4,939,161	7,052,713	9,439,264	914,945	1,059,103	453,498	23,858,683
5	BURNED:								
6	UNITS	BBL	28,003	10,704	117,320	13,157	17,026	16,407	202,617
7	UNIT COST	$/BBL	106.44	121.78	132.32	134.24	121 59	125.45	126.85
8	AMOUNT	$	2,980,538	1,303,516	15,523,406	1,766,166	2,070,206	2,058,189	25,702,022
9	ENDING INVENTORY:								
10	UNITS	BBL	471,622	515,288	458,636	450,629	439,445	432,176	
11	UNIT COST	$/BBL	109.10	111 01	111.46	111.87	112 08	112.03	
12	AMOUNT	$	51,452,383	57,201,579	51,117,438	50,411,759	49,255,113	48,417,459	
	COAL								
13	PURCHASES:								
14	UNITS	TON	76,943	115,801	99,835	188,947	151,687	210,381	843,594
15	UNIT COST	$/TON	118.07	95 38	84.81	74.55	67.18	71.46	80.50
16	AMOUNT	$	9,085,029	11,044,813	8,466,903	14,086,239	10,189,926	15,033,061	67,905,970
17	BURNED:								
18	UNITS	TON	96,297	201,940	82,670	224,411	208,266	221,900	1,035,484
19	UNIT COST	$/TON	82.31	84 54	84.59	81.81	78.17	75.87	80.61
20	AMOUNT	$	7,926,570	17,072,579	6,992,973	18,359,388	16,280,788	16,834,439	83,466,738
21	ADJUSTMENTS								
22	UNITS	TON							
23	AMOUNT	$							
24	ENDING INVENTORY:								
25	UNITS	TON	562,856	476,717	493,882	458,418	401,839	390,319	
26	UNIT COST	$/TON	82.31	84 54	84.59	81.81	78.17	75.87	
27	AMOUNT	$	46,330,797	40,303,030	41,776,960	37,503,810	31,412,948	29,611,570	
	GAS								
28	BURNED:								
29	UNITS	MCF	21,965,824	16,387,987	19,231,336	18,405,267	22,869,826	27,492,718	126,352,958
30	UNIT COST	$/MCF	5.66	8.10	6.38	6.71	8 65	10.19	7.77
	AMOUNT	$	124,402,040	132,739,546	122,785,615	123,449,984	197,862,885	280,181,089	981,421,159

Duke Energy Florida, LLC
Inventory Analysis
Estimated for the Period of : January 2022 through December 2022

			Est Jul-22	Est Aug-22	Est Sep-22	Est Oct-22	Est Nov-22	Est Dec-22	Total
	LIGHT OIL								
1	PURCHASES:								
2	UNITS	BBL	7,005	7,972	9,399	7,929	5,608	10,022	216,720
3	UNIT COST	$/BBL	120.43	122.14	112.16	124.30	140.45	117 05	136 93
4	AMOUNT	$	843,603	973,709	1,054,225	985,569	787,659	1,173,077	29,676,525
5	BURNED:								
6	UNITS	BBL	7,005	7,972	9,399	7,929	5,608	10,022	250,552
7	UNIT COST	$/BBL	120.43	122.14	112.16	124.30	140.45	117 05	125 80
8	AMOUNT	$	843,603	973,709	1,054,225	985,569	787,659	1,173,077	31,519,864
9	ADJUSTMENTS								
10	UNITS	BBL							
11	AMOUNT	$							
12	ENDING INVENTORY:								
13	UNITS	BBL	432,176	432,176	432,176	432,176	432,176	432,176	
14	UNIT COST	$/BBL	112.03	112.03	112.03	112.03	112 03	112 03	
15	AMOUNT	$	48,417,459	48,417,459	48,417,459	48,417,459	48,417,459	48,417,459	
	COAL								
16	PURCHASES:								
17	UNITS	TON	91,948	82,404	86,131	58,473	202,549	141,235	1,506,334
18	UNIT COST	$/TON	101.00	108.68	111.43	117.36	101.17	102 93	91.37
19	AMOUNT	$	9,286,476	8,955,690	9,597,513	6,862,500	20,491,064	14,537,907	137,637,120
20	BURNED:								
21	UNITS	TON	91,948	82,404	86,131	58,473	202,549	141,235	1,698,224
22	UNIT COST	$/TON	101.00	108.68	111.43	117.36	101.17	102 93	90 21
23	AMOUNT	$	9,286,476	8,955,690	9,597,513	6,862,500	20,491,064	14,537,907	153,197,888
24	ADJUSTMENTS								
25	UNITS	TON							
26	AMOUNT	$							
27	ENDING INVENTORY:								
28	UNITS	TON	390,319	390,319	390,319	390,319	390,319	390,319	
29	UNIT COST	$/TON	75.87	75.87	75 87	75.87	75.87	75 87	
30	AMOUNT	$	29,611,570	29,611,570	29,611,570	29,611,570	29,611,570	29,611,570	
	GAS								
31	BURNED:								
32	UNITS	MCF	27,704,114	27,663,084	25,869,304	23,253,132	16,218,801	17,877,542	264,938,935
33	UNIT COST	$/MCF	10.04	9.97	9.91	9.91	10.44	10 54	8 98
34	AMOUNT	$	278,076,047	275,718,518	256,266,804	230,527,425	169,324,202	188,401,998	2,379,736,153

Duke Energy Florida, LLC
Fuel Cost of Power Sold
Estimated for the Period of : January 2022 through December 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
				MWH		C/KWH				REFUNDABLE
MONTH	SOLD TO	TYPE & SCHED	TOTAL MWH SOLD	WHEELED FROM OTHER SYSTEMS	MWH FROM OWN GENERATION	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJ (6) x (7)(A)	TOTAL COST $ (6) x (7)(B)	GAIN ON POWER SALES $
Jan-22	ECONSALE	--	128,846		128,846	3.961	5.293	5,104,042	6,819,542	1,715,500
Act	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	209,186		209,186	4.357	4.357	9,113,723	9,113,723	0
	TOTAL		338,032		338,032	4.206	4.714	14,217,765	15,933,266	1,715,500
Feb-22	ECONSALE	--	74,367		74,367	3.302	3.892	2,455,328	2,894,435	439,107
Act	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	(49,039)	(49,039)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	163,415		163,415	4.001	4.001	6,538,452	6,538,452	0
	TOTAL		237,782		237,782	3.782	3.946	8,993,780	9,383,848	390,068
Mar-22	ECONSALE	--	14,882		14,882	3.076	3.503	457,797	521,377	63,581
Act	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	(12,716)	(12,716)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	178,743		178,743	4.004	4.004	7,156,951	7,156,951	0
	TOTAL		193,625		193,625	3.933	3.959	7,614,748	7,665,612	50,864
Apr-22	ECONSALE	--	17,381		17,381	4.538	4.685	788,689	814,342	25,653
Act	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	(5,131)	(5,131)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	199,223		199,223	4.545	4.545	9,054,723	9,054,723	0
	TOTAL		216,604		216,604	4.544	4.554	9,843,412	9,863,934	20,522
May-22	ECONSALE	--	12,055		12,055	5.639	6.357	679,780	766,292	86,512
Act	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	(17,302)	(17,302)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	424,458		424,458	3.758	3.758	15,951,661	15,951,661	0
	TOTAL		436,513		436,513	3.810	3.826	16,631,441	16,700,651	69,210
Jun-22	ECONSALE	--	21,078		21,078	5.984	6.950	1,261,262	1,464,912	203,650
Act	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	(40,730)	(40,730)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	585,887		585,887	7.333	7.333	42,961,040	42,961,040	0
	TOTAL		606,965		606,965	7.286	7.313	44,222,303	44,385,222	162,920
Jan-22	ECONSALE	--	268,609		268,609	4.001	4.944	10,746,898	13,280,901	2,534,003
THRU	ECONOMY	C	0		0	0.000	0.000	0	0	0
Jun-22	EXCESS GAIN	--	0		0	0.000	0.000	0	(124,918)	(124,918)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	1,760,912		1,760,912	5.155	5.155	90,776,551	90,776,551	0
	TOTAL		2,029,521		2,029,521	5.002	5.121	101,523,449	103,932,533	2,409,084

Duke Energy Florida, LLC
Fuel Cost of Power Sold
Es imated for he Period of : January 2022 through December 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
						C/KWH				
MONTH	SOLD TO	TYPE & SCHED	TOTAL MWH SOLD	MWH WHEELED FROM OTHER SYSTEMS	MWH FROM OWN GENERATION	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJ (6) x (7)(A)	TOTAL COST $ (6) x (7)(B)	REFUNDABLE GAIN ON POWER SALES $
Jul-22	ECONSALE	--	(0)		(0)	0.000	0.000	0	0	0
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	391,237		391,237	7.095	7.095	27,756,760	27,756,760	0
	TOTAL		391,237		391,237	7.095	7.095	27,756,760	27,756,760	0
Aug-22	ECONSALE	--	27		27	5.227	6.575	1,427	1,795	368
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	(74)	(74)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	362,967		362,967	7.074	7.074	25,676,250	25,676,250	0
	TOTAL		362,994		362,994	7.074	7.074	25,677,677	25,677,971	294
Sep-22	ECONSALE	--	(0)		(0)	0.000	0.000	0	0	0
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	341,793		341,793	7.041	7.041	24,066,692	24,066,692	0
	TOTAL		341,793		341,793	7.041	7.041	24,066,692	24,066,692	0
Oct-22	ECONSALE	--	8		8	5.494	6.911	434	546	112
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	(22)	(22)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	373,642		373,642	7.024	7.024	26,245,327	26,245,327	0
	TOTAL		373,650		373,650	7.024	7.024	26,245,761	26,245,851	90
Nov-22	ECONSALE	--	15,642		15,642	7.395	9.302	1,156,804	1,455,025	298,221
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	(59,644)	(59,644)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	160,552		160,552	6.962	6.962	11,177,852	11,177,852	0
	TOTAL		176,194		176,194	7.001	7.136	12,334,656	12,573,233	238,577
Dec-22	ECONSALE	--	13,998		13,998	6.289	7.910	880,366	1,107,322	226,956
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	(45,391)	(45,391)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	227,389		227,389	7.155	7.155	16,269,819	16,269,819	0
	TOTAL		241,387		241,387	7.105	7.180	17,150,185	17,331,750	181,565
Jan-22	ECONSALE	--	298,284		298,284	4.286	5.312	12,785,929	15,845,589	3,059,660
THRU	ECONOMY	C	0		0	0.000	0.000	0	0	0
Dec-22	EXCESS GAIN	--	0		0	0.000	0.000	0	(230,050)	(230,050)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	3,618,491		3,618,491	6.134	6.134	221,969,251	221,969,251	0
	TOTAL		3,916,775		3,916,775	5.994	6.066	234,755,180	237,584,790	2,829,610

Duke Energy Florida, LLC
Purchased Power
(Exclusive of Economy & QF Purchases)
Estimated for the Period of : January 2022 through December 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
MONTH	NAME OF PURCHASE	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR OTHER UTILIT ES	MWH FOR NTERRUPTIBLE	MWH FOR F RM	C/KWH (A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJ (7) x (8)(B)
Jan-22	OTHER	--	0			0	0 000	0 000	0
Act	SHADY H LLS	--	5,991			5,991	14 200	14 200	850,743
	SOCO Franklin	--	17,089			17,089	12.701	12.701	2,170,522
	Vandolah (NSG)	--	0			0	0 000	0 000	0
	TOTAL		23,080	0	0	23,080	13 090	13 090	3,021,265
Feb-22	OTHER	--	0			0	0 000	0 000	0
Act	SHADY H LLS	--	1,224			1,224	14 016	14 016	171,556
	SOCO Franklin	--	0			0	0 000	0 000	0
	Vandolah (NSG)	--	26,829			26,829	10.175	10.175	2,729,800
	TOTAL		28 053	0	0	28 053	10 342	10 342	2 901 357
Mar-22	OTHER	--	0			0	0 000	0 000	0
Act	SHADY H LLS	--	16,038			16,038	7 800	7 800	1,250,887
	SOCO Franklin	--	0			0	0 000	0 000	0
	Vandolah (NSG)	--	56,359			56,359	7 648	7 648	4,310,056
	TOTAL		72,397	0	0	72,397	7 681	7 681	5,560,943
Apr-22	OTHER	--	0			0	0 000	0 000	0
Act	SHADY H LLS	--	29,546			29,546	8 650	8 650	2,555,759
	SOCO Franklin	--	0			0	0 000	0 000	0
	Vandolah (NSG)	--	57,412			57,412	9 255	9 255	5,313,256
	TOTAL		86,958	0	0	86,958	9 049	9 049	7,869,015
May-22	OTHER	--	0			0	0.000	0 000	0
Act	SHADY H LLS	--	117,637			117,637	10 823	10 823	12,731,982
	SOCO Franklin	--	0			0	0 000	0 000	0
	Vandolah (NSG)	--	243,688			243,688	9 877	9 877	24,070,014
	TOTAL		361 325	0	0	361 325	10.185	10.185	36 801 996
Jun-22	OTHER	--	0			0	0 000	0 000	0
Act	SHADY H LLS	--	117,213			117,213	12 020	12 020	14,088,820
	SOCO Franklin	--	0			0	0 000	0 000	0
	Vandolah (NSG)	--	226,161			226,161	11.189	11.189	25,304,872
	TOTAL		343,374	0	0	343,374	11.473	11.473	39,393,693
Jan-22	OTHER	--	0			0	0.000	0 000	0
THRU	SHADY H LLS	--	287,649			287,649	11.003	11 003	31,649,746
Jun-22	SOCO Franklin	--	17,089			17,089	12.701	12.701	2,170,522
	Vandolah (NSG)	--	610,449			610,449	10.112	10.112	61,727,999
	TOTAL		915,187	0	0	915,187	10.440	10.440	95,548,268

Duke Energy Florida, LLC
Purchased Power
(Exclusive of Economy & QF Purchases)
Estimated for the Period of : January 2022 through December 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
MONTH	NAME OF PURCHASE	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR OTHER UTILIT ES	MWH FOR INTERRUPTIBLE	MWH FOR F RM	C/KWH (A) FUEL COST	C/KWH (B) TOTAL COST	TOTAL $ FOR FUEL ADJ (7) x (8)(B)
Jul-22	OTHER	--	0			0	0 000	0 000	0
Est	SHADY HILLS	--	39,063			39,063	11.480	11.480	4,484,588
	SOCO Franklin	--	0			0	0 000	0 000	0
	Vandolah (NSG)	--	101,821			101,821	11.450	11.450	11,658,939
	TOTAL		140,885	0	0	140,885	11.459	11.459	16,143,527
Aug-22	OTHER	--	0			0	0 000	0 000	0
Est	SHADY HILLS	--	34,935			34,935	11 667	11 667	4,076,011
	SOCO Franklin	--	0			0	0 000	0 000	0
	Vandolah (NSG)	--	87,603			87,603	11.715	11.715	10,262,611
	TOTAL		122,539	0	0	122,539	11.701	11.701	14,338,622
Sep-22	OTHER	--	0			0	0 000	0 000	0
Est	SHADY HILLS	--	34,529			34,529	11 364	11 364	3,924,080
	SOCO Franklin	--	0			0	0 000	0 000	0
	Vandolah (NSG)	--	92,883			92,883	11 348	11 348	10,540,692
	TOTAL		127 412	0	0	127 412	11 353	11 353	14 464 772
Oct-22	OTHER	--	0			0	0 000	0 000	0
Est	SHADY HILLS	--	25,963			25,963	11 549	11 549	2,998,378
	SOCO Franklin	--	0			0	0 000	0 000	0
	Vandolah (NSG)	--	57,283			57,283	11.728	11.728	6,717,952
	TOTAL		83 246	0	0	83 246	11 672	11 672	9 716 330
Nov-22	OTHER	--	0			0	0 000	0 000	0
Est	SHADY HILLS	--	4,041			4,041	15.173	15.173	613,154
	SOCO Franklin	--	0			0	0 000	0 000	0
	Vandolah (NSG)	--	12,727			12,727	13 838	13 838	1,761,125
	TOTAL		16,768	0	0	16,768	14.160	14.160	2,374,279
Dec-22	OTHER	--	0			0	0 000	0 000	0
Est	SHADY HILLS	--	202			202	14 999	14 999	30,312
	SOCO Franklin	--	0			0	0 000	0 000	0
	Vandolah (NSG)	--	1,867			1,867	15 646	15 646	292,138
	TOTAL		2,069	0	0	2,069	15 583	15 583	322,450
Jan-22	OTHER	--	0			0	0 000	0 000	-
THRU	SHADY HILLS	--	426,383			426,383	11 205	11 205	47,776,269
Dec-22	SOCO Franklin	--	17,089			17,089	12.701	12.701	2,170,522
	Vandolah (NSG)	--	964,633			964,633	10 674	10 674	102,961,456
TOTAL			1,408,105	0	0	1,408,105	10 859	10 859	152,908,248

Duke Energy Florida, LLC
Energy Payments to Qualifying Facilities
Estimated for the Period of : January 2022 through December 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
MONTH	NAME OF PURCHASE	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR OTHER UTILIT ES	MWH FOR NTERRUPT BLE	MWH FOR F RM	C/KWH (A) ENERGY COST	C/KWH (B) TOTAL COST	TOTAL $ FOR FUEL ADJ (7) x (8)(A)
Jan-22 Act	QUAL. FACILIT ES	COGEN	222,328			222,328	4.380	17.994	9,738,063
Feb-22 Act	QUAL. FACILIT ES	COGEN	194,055			194,055	5.236	20.794	10,160,791
Mar-22 Act	QUAL. FACILIT ES	COGEN	200,189			200,189	4.909	19.988	9,826,617
Apr-22 Act	QUAL. FACILIT ES	COGEN	167,210			167,210	5.065	23.121	8,469,608
May-22 Act	QUAL. FACILIT ES	COGEN	187,136			187,136	6.203	22.227	11,608,836
Jun-22 Act	QUAL. FACILIT ES	COGEN	212,895			212,895	5.260	19.263	11,198,710
Jul-22 Est	QUAL. FACILIT ES	COGEN	229,705			229,705	7.612	20.756	17,485,281
Aug-22 Est	QUAL. FACILIT ES	COGEN	229,705			229,705	7.601	20.745	17,459,378
Sep-22 Est	QUAL. FACILIT ES	COGEN	219,616			219,616	7.594	21.341	16,677,566
Oct-22 Est	QUAL. FACILIT ES	COGEN	194,569			194,569	7.760	23.278	15,099,503
Nov-22 Est	QUAL. FACILIT ES	COGEN	227,210			227,210	7.349	20.637	16,698,217
Dec-22 Est	QUAL. FACILIT ES	COGEN	236,905			236,905	7.297	20.041	17,287,269
TOTAL	QUAL. FACILIT ES	COGEN	2,521,523			2,521,523	6.413	20.761	161,709,840

Duke Energy Florida, LLC
Economy Energy Purchases
Estimated for the Period of : January 2022 through December 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
				TRANSACTION COST		TOTAL $	COST IF GENERATED		
MONTH	PURCHASE	TYPE & SCHED	TOTAL MWH PURCHASED	ENERGY COST C/KWH	TOTAL COST C/KWH	FOR FUEL ADJ (4) x (5)	(A) C/KWH	(B) $	FUEL SAVINGS (8)(B) - (7)
Jan-22	ECONPURCH	--	900	28.380	28.380	255,418	18.462	166,158	(89,260)
Act	SEPA	--	7,331	5.473	5.473	401,247	5.473	401,247	0
	TOTAL		8,231	7.978	7.978	656,665	6.893	567,405	(89,260)
Feb-22	ECONPURCH	--	6,005	8.223	8.223	493,796	6.449	387,242	(106,554)
Act	SEPA	--	5,513	5.716	5.716	315,138	5.716	315,138	-
	TOTAL		11,518	7.023	7.023	808,935	6.098	702,381	(106,554)
Mar-22	ECONPURCH	--	61,281	6.384	6.384	3,912,078	7.411	4,541,396	629,317
Act	SEPA	--	2,264	5.236	5.236	118,535	5.236	118,535	(0)
	TOTAL		63,545	6.343	6.343	4,030,614	7.333	4,659,931	629,317
Apr-22	ECONPURCH	--	68,833	8.970	8.970	6,174,204	9.205	6,336,243	162,039
Act	SEPA	--	7,695	4.582	4.582	352,587	4.582	352,587	(0)
	TOTAL		76,528	8.529	8.529	6,526,791	8.740	6,688,830	162,039
May-22	ECONPURCH	--	183,155	11.497	11.497	21,056,678	12.315	22,555,174	1,498,496
Act	SEPA	--	1,679	5.654	5.654	94,931	5.654	94,931	0
	TOTAL		184,834	11.444	11.444	21,151,609	12.254	22,650,105	1,498,496
Jun-22	ECONPURCH	--	34,020	11.631	11.631	3,956,935	7.536	4,569,000	612,064
Act	SEPA	--	5,071	5.144	5.144	260,857	5.144	260,857	0
	TOTAL		39,091	10.790	10.790	4,217,792	12.355	4,829,857	612,064
Jan-22	ECONPURCH	--	354,194	10.121	10.121	35,849,110	10.885	38,555,212	2,706,102
THRU	SEPA	--	29,553	5.222	5.222	1,543,295	5.222	1,543,295	(0)
Jun-22									
	TOTAL		383,747	9.744	9.744	37,392,405	10.449	40,098,507	2,706,102

Duke Energy Florida, LLC
Economy Energy Purchases
Estimated for the Period of : January 2022 through December 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
				TRANSACTION COST		TOTAL $	COST IF GENERATED		
MONTH	PURCHASE	TYPE & SCHED	TOTAL MWH PURCHASED	ENERGY COST C/KWH	TOTAL COST C/KWH	FOR FUEL ADJ (4) x (5)	(A) C/KWH	(B) $	FUEL SAVINGS (8)(B) - (7)
Jul-22	ECONPURCH	--	98,340	7.326	7.326	7,204,536	8.410	8,269,920	1,065,384
Est	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		98,340	7.326	7.326	7,204,536	8.410	8,269,920	1,065,384
Aug-22	ECONPURCH	--	91,995	7.638	7.638	7,026,417	8.767	8,065,461	1,039,044
Est	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		91,995	7.638	7.638	7,026,417	8.767	8,065,461	1,039,044
Sep-22	ECONPURCH	--	100,913	7.290	7.290	7,356,538	8.368	8,444,400	1,087,862
Est	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		100,913	7.290	7.290	7,356,538	8.368	8,444,400	1,087,862
Oct-22	ECONPURCH	--	77,351	7.635	7.635	5,905,582	8.764	6,778,881	873,299
Est	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		77,351	7.635	7.635	5,905,582	8.764	6,778,881	873,299
Nov-22	ECONPURCH	--	21,142	7.861	7.861	1,662,095	9.024	1,907,881	245,786
Est	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		21,142	7.861	7.861	1,662,095	9.024	1,907,881	245,786
Dec-22	ECONPURCH	--	13,758	7.344	7.344	1,010,420	8.430	1,159,838	149,418
Est	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		13,758	7.344	7.344	1,010,420	8.430	1,159,838	149,418
Jan-22	ECONPURCH	--	757,693	8.713	8.713	66,014,698	9.658	73,181,593	7,166,895
THRU	SEPA	--	29,553	5.222	5.222	1,543,295	5.222	1,543,295	(0)
Dec-22									
	TOTAL		787,246	8.582	8.582	67,557,993	9.492	74,724,888	7,166,895

Duke Energy Florida, LLC
Fuel and Purchased Power Cost Recovery Clause
Capital Structure and Cost Rates Applied to Capital Projects
Estimated for the Period of : January 2022 through December 2022

		(1) Jurisdictional Rate Base Adjusted Retail ($000s)	(2) Cap Ratio	(3) Cost Rate	(4) Weighted Cost	(5) Revenue Requirement Rate	(6) Monthly Revenue Requirement Rate
1	Common Equity	$ 7,191,027	44.08%	9.85%	4.340%	5.81%	0.4842%
2	Long Term Debt	6,202,596	38.02%	4.14%	1.570%	1.57%	0.1308%
3	Short Term Debt	173,823	1.07%	0.45%	0.000%	0.00%	0.0000%
4	Cust Dep Active	166,911	1.02%	2.47%	0.030%	0.03%	0.0025%
5	Cust Dep Inac ive	1,519	0.01%			0.00%	0.0000%
6	Invest Tax Cr	200,576	1.23%	7.21%	0.090%	0.11%	0.0092%
7	Deferred Inc Tax	2,376,787	14.57%			0.00%	0.0000%
8	**Total**	**$ 16,313,240**	**100.00%**		**6.030%**	**7.52%**	**0.6267%**

	ITC split between Debt and Equity**:		Ratio	Cost Rate	Ra io	Ratio	Deferred Inc Tax	Weighted ITC	After Gross-up
9	Common Equity	7,191,027	54%	9.9%	5.29%	73.4%	0.09%	0.0660%	0.088%
10	Preferred Equity	-	0%				0.09%	0.0000%	0.000%
11	Long Term Debt	6,202,596	46%	4.14%	1.92%	26.6%	0.09%	0.0240%	0.024%
12		13,393,624	100%		7.21%			0.0900%	0.112%

	Breakdown of Revenue Requirement Rate of Return between Debt and Equity:	
13	Total Equity Component (Lines 1 and 9)	5.90%
14	Total Debt Component (Lines 2, 3 , 4 , and 11)	1.62%
15	**Total Revenue Requirement Rate of Return**	**7.52%**

Effec ive Tax Rate: 25.345%

Column:

(1) Per Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology
(2) Column (1) / Total Column (1)
(3) Per Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology
Line 6 and Line 12, the cost rate of ITC's is determined under Treasury Regulation sec ion 1.46-6(b)(3)(ii).
(4) Column (2) x Column (3)
(5) For equity components: Column (4) / (1-effective income tax rate/100)
* For debt components: Column (4)
** Line 6 is the pre-tax ITC components from Lines 9 and 11
(6) Column (5) / 12

Docket No. 20220001-EI
Exhibit No. ____(GPD-2)
Part 2

DUKE ENERGY FLORIDA, LLC

Capacity Cost Recovery

Actual / Estimated True-Up

January through December 2022

Schedule E12-A – Purchased Power Capacity Cost (Projected)

Schedule E12-B – Purchased Power Capacity Cost (Re-Projected)

Schedule E12-C – Variance Analysis (Re-projected vs. Projected)

Duke Energy Florida, LLC
Calculation of Projected Capacity Costs
For the Year 2022

Docket No. 20220001-EI
Exhibit__GPD-2, Part 2
Schedule E12-A
Page 1 of 1

		EST Jan-22	EST Feb-22	EST Mar-22	EST Apr-22	EST May-22	EST Jun-22	EST Jul-22	EST Aug-22	EST Sep-22	EST Oct-22	EST Nov-22	EST Dec-22	TOTAL
1	**Base Production Level Capacity Costs**													
2	Orange Cogen (ORANGECO)	6,502,741	6,502,741	6,502,741	6,502,741	6,502,741	6,502,741	6,502,741	6,502,741	6,502,741	6,502,741	6,502,741	6,502,741	78,032,895
3	Orlando Cogen Limited (ORLACOGL)	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	78,511,375
4	Pasco County Resource Recovery (PASCOUNT)	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	29,159,400
5	Pinellas County Resource Recovery (PINCOUNT)	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	69,412,050
6	Polk Power Partners, L.P. (MULBERRY/ROYSTER)	8,932,174	8,932,174	8,932,174	8,932,174	8,932,174	8,932,174	8,932,174	8,932,174	8,932,174	8,932,174	8,932,174	8,932,174	107,186,091
7	Subtotal - Base Level Capacity Costs	30,191,818	30,191,818	30,191,818	30,191,818	30,191,818	30,191,818	30,191,818	30,191,818	30,191,818	30,191,818	30,191,818	30,191,818	362,301,812
8	Base Production Jurisdictional Responsibility	92.865%	92.865%	92.865%	92.865%	92.865%	92.865%	92.865%	92.865%	92.865%	92.865%	92.865%	92.865%	
9	Base Level Jurisdictional Capacity Costs	28,037,631	28,037,631	28,037,631	28,037,631	28,037,631	28,037,631	28,037,631	28,037,631	28,037,631	28,037,631	28,037,631	28,037,631	336,451,572
10	**Intermediate Production Level Capacity Costs**													
11	Southern Franklin	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Schedule H Capacity Sales	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Subtotal - Intermediate Level Capacity Costs	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Intermediate Production Jurisdict. Responsibility	88.321%	88.321%	88.321%	88.321%	88.321%	88.321%	88.321%	88.321%	88.321%	88.321%	88.321%	88.321%	
15	Intermediate Level Jurisdict. Capacity Costs	-	-	-	-	-	-	-	-	-	-	-	-	-
16	**Peaking Production Level Capacity Costs**													
17	Shady Hills	1,978,186	1,978,186	1,412,990	1,370,811	1,919,136	3,901,540	3,901,540	3,901,540	1,820,718	1,370,811	1,370,811	1,978,186	26,904,454
18	Vandolah (NSG)	2,849,660	2,865,669	2,053,407	2,030,537	2,769,615	5,712,588	5,695,435	5,649,696	2,702,911	1,990,514	2,036,254	2,865,669	39,221,954
19	Other	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Subtotal - Peaking Level Capacity Costs	4,827,846	4,843,855	3,466,397	3,401,348	4,688,751	9,614,127	9,596,975	9,551,235	4,523,630	3,361,326	3,407,065	4,843,855	66,126,409
21	Peaking Production Jurisdictional Responsibility	90.678%	90.678%	90.678%	90.678%	90.678%	90.678%	90.678%	90.678%	90.678%	90.678%	90.678%	90.678%	
22	Peaking Level Jurisdictional Capacity Costs	4,377,810	4,392,326	3,143,270	3,084,285	4,251,681	8,717,930	8,702,376	8,660,900	4,101,952	3,047,994	3,089,470	4,392,326	59,962,320
23	**Other Capacity Costs**													
24	Retail Wheeling	(97,224)	(67,173)	(68,704)	(32,696)	(33,949)	(32,834)	(28,573)	(43,973)	(42,525)	(39,470)	(30,963)	(40,149)	(558,233)
25	Ridge Generating Station L.P. Termination [1]	666,245	662,777	659,309	655,842	652,374	648,906	645,438	641,971	638,503	635,035	631,568	628,100	7,766,067
26	CR1&2 NBV [2]	45,460	45,460	45,460	45,460	45,460	45,460	45,460	45,460	45,460	45,460	45,460	45,460	545,523
27	SoBRA True-Up - Santa Fe [3]	(257,563)												(257,563)
28	SoBRA True-Up - Twin Rivers [3]	(355,679)												(355,679)
29	SoBRA True-Up - Santa Fe (Base Rate Adjmt) [3]	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(386,291)
30	SoBRA True-Up - Twin Rivers (Base Rate Adjmt) [3]	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(533,447)
31	SoBRA True-Up - Charlie Creek (Base Rate Adjmt) [3]	(1,039,615)	(1,039,615)	(1,039,615)	(1,039,615)									(4,158,460)
32	SoBRA True-Up - Sandy Creek (Base Rate Adjmt) [3]	(806,910)	(806,910)	(806,910)	(806,910)									(3,227,639)
33	Total Other Capacity Costs	(1,921,931)	(1,282,105)	(1,287,104)	(1,254,564)	587,241	584,888	585,681	566,814	564,793	564,380	569,420	556,767	(1,165,722)
34	**Total Capacity Costs (line 9+15+22+33)**	30,493,510	31,147,852	29,893,797	29,867,352	32,876,553	37,340,449	37,325,688	37,265,345	32,704,376	31,650,005	31,696,521	32,986,724	395,248,170
35	Actual/Estimated True-Up Provision - Jan - Dec 2021													(2,718,273)
36	**Total Recoverable Capacity Costs**													392,529,898
37	**Total Recoverable ISFSI Costs** [4]													6,885,232
38	**Total Recoverable Capacity & ISFSI Costs (line 36+37)**													399,415,130

[1] Approved in Commission Order No. PSC-2018-0532-PAA-EQ.
[2] As set forth in DEF's 2017 Settlement Agreement approved in Commission Order No. PSC-2017-0451-PAA-EI and PSC-2021-0024-FOF-EI.
[3] True-up of solar base rate adjustments per the Rate Mitigation Plan approved in Order No. PSC-2021-0425-FOF-EI.
[4] As set forth in DEF's 2021 Settlement Agreement approved in Order No. PSC-2021-0202-AS-EI.

Duke Energy Florida, LLC
Calculation of Projected Capacity Costs
For the Year 2022

Docket No. 20220001-EI
Exhibit__GPD-2, Part 2
Schedule E12-B

		ACT Jan-22	ACT Feb-22	ACT Mar-22	ACT Apr-22	ACT May-22	ACT Jun-22	EST Jul-22	EST Aug-22	EST Sep-22	EST Oct-22	EST Nov-22	EST Dec-22	TOTAL
1	**Base Production Level Capacity Costs**													
2	Orange Cogen (ORANGECO)	6,579,025	6,502,742	6,498,962	6,502,742	6,297,589	6,214,424	6,502,741	6,502,741	6,502,741	6,502,741	6,502,741	6,502,741	77,611,932
3	Orlando Cogen Limited (ORLACOGL)	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	78,511,376
4	Pasco County Resource Recovery (PASCOUNT)	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	29,159,400
5	Pinellas County Resource Recovery (PINCOUNT)	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	69,412,050
6	Polk Power Partners, L.P. (MULBERRY/ROYSTER)	8,932,175	8,932,175	8,932,175	8,932,175	8,932,175	8,840,681	8,932,174	8,932,174	8,932,174	8,932,174	8,932,174	8,932,174	107,094,600
7	Subtotal - Base Level Capacity Costs	30,268,102	30,191,819	30,188,039	30,191,819	29,986,666	29,812,008	30,191,818	30,191,818	30,191,818	30,191,818	30,191,818	30,191,818	361,789,358
8	Base Production Jurisdictional Responsibility	92.865%	92.865%	92.865%	92.865%	92.865%	92.865%	92.865%	92.865%	92.865%	92.865%	92.865%	92.865%	
9	Base Level Jurisdictional Capacity Costs	28,108,473	28,037,632	28,034,122	28,037,632	27,847,118	27,684,921	28,037,631	28,037,631	28,037,631	28,037,631	28,037,631	28,037,631	335,975,684
10	**Intermediate Production Level Capacity Costs**													
11	Southern Franklin	(79,292)	-	-	(844)	-	(270,639)	-	-	-	-	-	-	(350,775)
12	Capacity Sales and Purchases	9,365	(9,365)	(12,487)	-	72,800	72,800	-	-	-	-	-	-	133,113
13	Subtotal - Intermediate Level Capacity Costs	(69,927)	(9,365)	(12,487)	(844)	72,800	(197,839)	-	-	-	-	-	-	(217,662)
14	Intermediate Production Jurisdict. Responsibility	88.321%	88.321%	88.321%	88.321%	88.321%	88.321%	88.321%	88.321%	88.321%	88.321%	88.321%	88.321%	
15	Intermediate Level Jurisdict. Capacity Costs	(61,760)	(8,272)	(11,029)	(745)	64,298	(174,734)	-	-	-	-	-	-	(192,242)
16	**Peaking Production Level Capacity Costs**													
17	Shady Hills	1,976,940	1,976,940	1,494,234	1,368,900	1,916,460	3,907,980	3,898,797	3,898,797	1,819,439	1,369,848	1,369,848	1,976,796	26,974,978
18	Vandolah (NSG)	3,011,389	2,975,257	2,023,067	2,000,970	2,877,666	5,956,966	5,703,512	5,657,707	2,706,692	1,993,272	2,039,078	2,869,683	39,815,258
19	Other	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Subtotal - Peaking Level Capacity Costs	4,988,329	4,952,197	3,517,301	3,369,870	4,794,126	9,864,946	9,602,309	9,556,504	4,526,131	3,363,120	3,408,926	4,846,478	66,790,237
21	Peaking Production Jurisdictional Responsibility	90.678%	90.678%	90.678%	90.678%	90.678%	90.678%	90.678%	90.678%	90.678%	90.678%	90.678%	90.678%	
22	Peaking Level Jurisdictional Capacity Costs	4,523,317	4,490,554	3,189,418	3,055,731	4,347,217	8,945,335	8,707,182	8,665,647	4,104,205	3,049,610	3,091,145	4,394,690	60,564,051
23	**Other Capacity Costs**													
24	Retail Wheeling	(355,205)	(339,033)	(51,083)	(110,107)	(3,429)	(4,579)	-	(61)	-	(18)	(34,673)	(31,030)	(929,218)
25	Ridge Generating Station L.P. Termination [1]	623,808	620,376	615,110	612,954	609,548	606,143	602,737	599,332	595,926	592,521	589,115	585,710	7,253,280
26	CR1&2 NBV [2]	45,460	45,460	45,460	45,460	45,460	45,460	45,460	45,460	45,460	45,460	45,460	45,460	545,523
27	SoBRA True-Up - Santa Fe [3]	(289,763)	-	-	-	-	-							(289,763)
28	SoBRA True-Up - Twin Rivers [3]	(400,148)	-	-	-	-	-							(400,148)
29	SoBRA True-Up - Santa Fe (Base Rate Adjmt) [3]	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(386,292)
30	SoBRA True-Up - Twin Rivers (Base Rate Adjmt) [3]	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(533,448)
31	SoBRA True-Up - Charlie Creek (Base Rate Adjmt) [3]	(1,039,615)	(1,039,615)	(1,039,615)	(1,039,615)	(1,039,615)	(1,039,615)	(1,039,615)	(1,039,615)					(8,316,920)
32	SoBRA True-Up - Sandy Creek (Base Rate Adjmt) [3]	(806,910)	(806,910)	(806,910)	(806,910)	(806,910)	-							(4,034,549)
33	Total Other Capacity Costs	(2,299,018)	(1,596,366)	(1,313,683)	(1,374,863)	(1,271,590)	(469,236)	(468,063)	(471,529)	564,742	561,318	523,257	523,496	(7,091,534)
34	**Total Capacity Costs (line 9+15+22+33)**	30,271,012	30,923,548	29,898,828	29,717,755	30,987,043	35,986,286	36,276,750	36,231,749	32,706,578	31,648,559	31,652,033	32,955,817	389,255,959
35	**ISFSI Revenue Requirement** [4]	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	6,879,837
36	**Total Recoverable Capacity & ISFSI Costs (line 34+35)**	30,844,332	31,496,868	30,472,148	30,291,075	31,560,363	36,559,606	36,850,070	36,805,069	33,279,897	32,221,879	32,225,353	33,529,136	396,135,796
37	**Capacity Revenues**													
38	Capacity Cost Recovery Revenues (net of tax)	27,199,015	28,201,097	28,916,824	27,454,678	33,054,217	38,991,636	41,806,723	40,458,601	37,702,124	33,399,479	29,229,494	30,879,737	397,293,626
39	Prior Period True-Up Provision Over/(Under) Recovery	226,523	226,523	226,523	226,523	226,523	226,523	226,523	226,523	226,523	226,523	226,523	226,523	2,718,273
40	**Current Period Revenues (net of tax)**	27,425,538	28,427,620	29,143,346	27,681,201	33,280,740	39,218,159	42,033,245	40,685,124	37,928,647	33,626,002	29,456,017	31,106,260	400,011,898
41	**True-Up Provision**													
42	True-Up Provision - Over/(Under) Recov (Line 40-36)	(3,418,794)	(3,069,248)	(1,328,802)	(2,609,874)	1,720,377	2,658,553	5,183,175	3,880,055	4,648,749	1,404,123	(2,769,336)	(2,422,876)	3,876,102
43	Interest Provision for the Month	341	44	(645)	(1,825)	(3,413)	(3,672)	1,866	4,059	6,715	7,425	5,632	4,046	20,572
44	Current Cycle Balance - Over/(Under)	(3,418,452)	(6,487,656)	(7,817,103)	(10,428,802)	(8,711,839)	(6,056,957)	(871,917)	3,012,197	7,667,661	9,079,209	6,315,505	3,896,675	3,896,674
45	Prior Period Balance - Over/(Under) Recovered	5,568,698	5,568,698	5,568,698	5,568,698	5,568,698	5,568,698	5,568,698	5,568,698	5,568,698	5,568,698	5,568,698	5,568,698	5,568,698
46	Prior Period Cumulative True-Up Collected/(Refunded)	(226,523)	(453,045)	(679,568)	(906,091)	(1,132,614)	(1,359,136)	(1,585,659)	(1,812,182)	(2,038,704)	(2,265,227)	(2,491,750)	(2,718,273)	(2,718,273)
47	Prior Period True-up Balance - Over/(Under)	5,342,175	5,115,653	4,889,130	4,662,607	4,436,084	4,209,562	3,983,039	3,756,516	3,529,994	3,303,471	3,076,948	2,850,425	2,850,425
48	**Net Capacity True-up Over/(Under) (Line 44+47)**	$1,923,723	($1,372,004)	($2,927,974)	($5,766,196)	($4,275,755)	($1,847,396)	$3,111,122	$6,768,713	$11,197,654	$12,382,680	$9,392,453	$6,747,100	$6,747,100

[1] Approved in Commission Order No. PSC-2018-0532-PAA-EQ.
[2] As set forth in DEF's 2017 Settlement Agreement approved in Commission Order No. PSC-2017-0451-PAA-EI and PSC-2021-0024-FOF-EI.
[3] True-up of solar base rate adjustments per the Rate Mitigation Plan approved in Order No. PSC-2021-0425-FOF-EI.
[4] As set forth in DEF's 2021 Settlement Agreement approved in Order No. PSC-2021-0202-AS-EI.

Contract Data:

	Name	Start Date	Expiration Date	Type	Purchase/Sale	MW
1	Orlando Cogen Limited (ORLACOGL)	Sep-93	Dec-23	QF	Purch	115.00
2	Orange Cogen (ORANGECO)	Jul-95	Dec-25	QF	Purch	104.00
3	Pasco County Resource Recovery (PASCOUNT)	Jan-95	Dec-24	QF	Purch	23.00
4	Pinellas County Resource Recovery (PINCOUNT)	Jan-95	Dec-24	QF	Purch	54.75
5	Polk Power Partners, L. P. (MULBERY/ROYSTER)	Aug-94	Aug-24	QF	Purch	115.00
6	Vandolah (NSG)	Jun-12	May-27	Other	Purch	669.00
7	Shady Hills Tolling Agreement	Apr-07	Apr-24	Other	Purch	521.00

		Re-Projection Total	Original Projection Total	Variance Total
1	**Capacity Revenues**			
2	Capacity Cost Recovery Revenues	$397,293,626	$399,415,130	($2,121,504)
3	Prior Period True-Up Provision Over/(Under) Recovery	$2,718,273	2,718,273	0
4	**Current Period Revenues**	400,011,898	402,133,402	(2,121,504)
5				
6	**Capacity Costs**			
7	**Base Production Level Capacity Costs**			
8	Orange Cogen (ORANGECO)	77,611,932	78,032,895	(420,963)
9	Orlando Cogen Limited (ORLACOGL)	78,511,376	78,511,375	1
10	Pasco County Resource Recovery (PASCOUNT)	29,159,400	29,159,400	0
11	Pinellas County Resource Recovery (PINCOUNT)	69,412,050	69,412,050	0
12	Polk Power Partners, L.P. (MULBERRY/ROYSTER)	107,094,600	107,186,091	(91,491)
13	Subtotal - Base Level Capacity Costs	361,789,358	362,301,812	(512,453)
14	Base Production Jurisdictional Responsibility	92.865%	92.865%	0.000%
15	Base Level Jurisdictional Capacity Costs	335,975,684	336,451,572	(475,888)
16				
17	**Intermediate Production Level Capacity Costs**			
18	Southern - Franklin	(350,775)	0	(350,775)
19	Capacity Sales and Purchases	133,113	0	133,113
20	Subtotal - Intermediate Level Capacity Costs	(217,662)	0	(217,662)
21	Intermediate Production Jurisdictional Responsibility	88.321%	88.321%	0.000%
22	Intermediate Level Jurisdictional Capacity Costs	(192,242)	0	(192,242)
23				
24	**Peaking Production Level Capacity Costs**			
25	Shady Hills	26,974,978	26,904,454	70,524
26	Vandolah (NSG)	39,815,258	39,221,954	593,304
27	Subtotal - Peaking Level Capacity Costs	66,790,237	66,126,409	663,828
28	Peaking Production Jurisdictional Responsibility	90.678%	90.678%	0.000%
29	Peaking Level Jurisdictional Capacity Costs	60,564,051	59,962,320	601,731
30				
31	**Other Capacity Costs**			
32	Retail Wheeling	(929,218)	(558,233)	(370,985)
33	Ridge Generating Station L.P. Termination [1]	7,253,280	7,766,067	(512,787)
34	CR1&2 NBV [2]	545,523	545,523	0
35	SoBRA True-Up - Santa Fe [3]	(289,763)	(257,563)	(32,200)
36	SoBRA True-Up - Twin Rivers [3]	(400,148)	(355,679)	(44,469)
37	SoBRA True-Up - Santa Fe (Base Rate Adjmt) [3]	(386,292)	(386,291)	(1)
38	SoBRA True-Up - Twin Rivers (Base Rate Adjmt) [3]	(533,448)	(533,447)	(1)
39	SoBRA True-Up - Charlie Creek (Base Rate Adjmt) [3]	(8,316,920)	(4,158,460)	(4,158,460)
40	SoBRA True-Up - Sandy Creek (Base Rate Adjmt) [3]	(4,034,549)	(3,227,639)	(806,910)
41	Other Jurisdictional Capacity Costs	(7,091,534)	(1,165,722)	(5,925,813)
42				
43	**Subtotal Jurisdictional Capacity Costs (Line 15+22+29+41)**	389,255,959	395,248,170	(5,992,212)
44				
45	**ISFSI Revenue Requirement** [4]	6,879,837	6,885,232	(5,395)
46				
47	**Total Jurisdictional Capacity Costs (Line 43+45)**	396,135,796	402,133,402	(5,997,607)
48				
49	**True-Up Provision**			
50	True-Up Provision - Over/(Under) Recovered	3,876,102	0	3,876,102
51	Interest Provision for the Month	20,572	0	20,572
52	Current Cycle Balance - Over/(Under)	3,896,674	0	3,896,674
53				
54	Prior Period Balance - Over/(Under) Recovered	5,568,698	2,718,273	2,850,425
55	Prior Period Cumulative True-Up Collected/(Refunded)	(2,718,273)	(2,718,273)	0
56	Prior Period True-up Balance - Over/(Under)	2,850,425	0	2,850,425
57				
58	**Net Capacity True-up Over/(Under) (Line 52+56)**	$6,747,100	$0	$6,747,100

[1] Approved in Commission Order No. PSC-2018-0532-PAA-EQ.
[2] As set forth in DEF's 2017 Settlement Agreement approved in Commission Order No. PSC-2017-0451-PAA-EI and PSC-2021-0024-FOF-EI.
[3] True-up of solar base rate adjustments per the Rate Mitigation Plan approved in Order No. PSC-2021-0425-FOF-EI.
[4] As set forth in DEF's 2021 Settlement Agreement approved in Order No. PSC-2021-0202-AS-EI.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 7
PARTY: GPD-3
DESCRIPTION: Projection Factors for January - December 2023

DUKE ENERGY FLORIDA, LLC

Fuel and Capacity Cost Recovery Factor

January 2023 through December 2023

PART 1 – 2023 FUEL PRICE FORECAST ASSUMPTIONS

Projected Market Price by Fuel Type

PROJECTED MARKET PRICE BY FUEL TYPE

Month	Light Oil $/barrel	Light Oil $/mmbtu	Coal Crystal River 4 & 5 $/ton	Coal Crystal River 4 & 5 $/mmbtu	Natural Gas $/mmbtu
Jan 2023	155.14	26.63	92.07	3.95	8.84
Feb 2023	151.46	26.00	90.90	3.90	8.59
Mar 2023	147.74	25.36	89.93	3.85	7.78
Apr 2023	144.29	24.77	88.84	3.81	6.05
May 2023	141.16	24.23	87.90	3.78	5.88
Jun 2023	138.95	23.85	87.08	3.75	5.93
Jul 2023	137.09	23.53	86.27	3.71	5.98
Aug 2023	134.70	23.12	85.54	3.69	5.97
Sep 2023	132.23	22.70	84.89	3.66	5.94
Oct 2023	129.48	22.23	84.30	3.64	5.99
Nov 2023	126.47	21.71	83.79	3.62	6.12
Dec 2023	123.84	21.26	83.34	3.60	6.34
Average	138.54	23.78	87.07	3.75	6.62

Light Oil: The above base market oil price forecasts are the NYMEX forwards. Oil prices projected within the fuel forecast are based on expected contract structures and specifications, and incorporate transportation costs.

Coal: Coal price projections are based on independent third party providers and take into account current coal supply, transportation agreements and forecasted deliveries. Crystal River Units 4 and 5 have operating scrubbers that allow for use of higher sulfur coal.

Natural Gas: The base market natural gas price forecast is the NYMEX Henry Hub forward. This table includes natural gas market commodity prices only; however, the fuel forecast also incorporates transportation costs. Forecast prices are based on expected contract specifications. Firm transportation costs for Florida Gas Transmission, Gulfstream and Sabal Trail pipelines are based on expected tariff rates and market conditions.

DUKE ENERGY FLORIDA, LLC

Fuel Cost Recovery

January 2023 through December 2023

PART 2 - 2023 FUEL COST RECOVERY SCHEDULES

Schedule E1 – Fuel Cost Recovery Clause Calculation

Schedule E1-A – Calculation of Total True-up

Schedule E1-B – Calculation of Prior Year Estimated True-up

Schedule E1-C – Calculation of GPIF & True-up Factors

Schedule E1-D – Calculation of Levelized Fuel Adjustment Factors

Schedule E1-E – Calculation of Factors for Metering Voltage and Time of Use

Schedule E1-F – Calculation of Jurisdictional Delivery Loss Multipliers

Schedule E2 – Fuel Cost Recovery Clause Calculation by Month

Schedule E3 – Generating System Comparative Data

Schedule E4 – System Net Generation & Fuel Cost by Month

Schedule E5 – Inventory Analysis

Schedule E6 – Fuel Cost of Power Sold

Schedule E7 – Purchased Power

Schedule E8 – Energy Payments to Qualifying Facilities

Schedule E9 – Economy Energy Purchases

Schedule E10 – Residential Bill Comparison

Calculation of Inverted Residential Fuel Rate

Schedule H1 – Generating System Comparative Data

Capital Structure and Cost Rates Applied to Capital Projects

Duke Energy Florida, LLC
Fuel and Purchased Power Cost Recovery Clause
Estimated for the Period of : January 2023 through December 2023

			DOLLARS	mWh	CENTS/KWH
1.	Fuel Cost of System Net Generation (E3)		2,102,213,068	39,637,185	5.3036
2.	Coal Car Investment		0	0	0.0000
3.	Adjustment to Fuel Cost		12,268,764	0	0.0000
4.	TOTAL COST OF GENERATED POWER		2,114,481,832	39,637,185	5.3346
5.	Energy Cost of Purchased Power (Excl. Econ & Cogens) (E7)		23,424,212	242,603	9.6554
6.	Energy Cost of Economy Purchases (E9)		11,179,922	173,613	6.4396
7.	Payments to Qualifying Facilities (E8)		176,336,484	2,653,544	6.6453
8.	TOTAL COST OF PURCHASED POWER		210,940,618	3,069,759	6.8716
9.	TOTAL AVAILABLE mWh			42,706,944	
10.	Fuel Cost of Economy Sales	(E6)	(13,670,703)	(226,777)	6.0283
10a.	Gain on Economy Sales	(E6)	(3,524,270)	(226,777) *	1.5541
10b.	Gain on Total Power Sales - 20%	(E6)	228,937		
11.	Fuel Cost of Stratified Sales	(E6)	(41,652,897)	(728,695)	5.7161
12.	TOTAL FUEL COST AND GAINS ON POWER SALES		(58,618,933)	(955,472)	6.1351
13.	Net Inadvertent Interchange				
14.	TOTAL FUEL AND NET POWER TRANSACTIONS		2,266,803,518	41,751,472	5.4293
15.	Net Unbilled		(6,813,655) *	149,317	(0.0172)
16.	Company Use		8,387,464 *	(152,029)	0.0212
17.	T & D Losses		119,266,752 *	(2,196,835)	0.3015
18.	Adjusted System Sales		2,266,803,518	39,551,925	5.7348
19.	Wholesale Sales (Excluding Supplemental Sales)		(955,864)	(17,124)	5.5820
20.	Jurisdictional Sales		2,265,847,654	39,534,801	5.7313
21.	Jurisdictional Sales Adjusted for Line Losses x	1.00038	2,266,708,676	39,534,801	5.7335
22.	Prior Period True-Up (Sch E1-A)		175,789,361	39,534,801	0.4446
23.	Total Jurisdictional Fuel Cost		2,442,498,037	39,534,801	6.1781
24.	GPIF **		(206,463)	39,534,801	(0.0005)
25.	CEC Bill Credit		31,356,459	39,534,801	0.0793
26.	Fuel Factor Adjusted including GPIF & CEC Bill Credit		2,473,648,033	39,534,801	6.2569
27.	Total Fuel Cost Factor (rounded to the nearest .001 cents/ KWH)				6.2570

* For Informational Purposes Only
** Based on Jurisdictional Sales

Duke Energy Florida, LLC
Calculation of Total True-Up
(Projected Period)
Estimated for the Period of : January 2023 through December 2023

1.	Actual Over/(Under) Recovery January - December 2021 **(** Schedule E1-B, Page 2 of 2, Section C, Line 9 and 12 - Dec 21 **)**	$	(412,524,152)
2.	Projected (Over)/Under Recovery January - December 2021 **(** Schedule E1-B, Page 2 of 2, Section C, Line 10 - Dec 21 **)**		385,271,652
3.	Estimated Over/(Under) Recovery January - December 2022 **(** Schedule E1-B, Page 2 of 2, Section C, Line 8 - Dec 22 **)**		(1,281,704,170)
4.	Total Over/(Under) Recovery (Line 1 through Line 3) *		(1,308,956,670)
5.	Proposed Over/(Under) Recovery January - December 2022 to be Recovered in a Future Period		(1,133,167,309)
6.	Total Over/(Under) Recovery to be Included in the 2023 Period (Line 4 - Line 5)	$	(175,789,361)
7.	Jurisdictional mWh Sales (Projected Period)	mWh	39,534,788
8.	True-Up Factor (Line 6 / Line 7)	Cents/kWh	0.445

* The $1.3B Total True-Up Balance on Line 4 includes $123.4M from the Rate Mitigation Plan approved in Order No. PSC-2021-4025-FOF-EI and $52.4M of the $314.2M Total Net True-Up from the Midcourse Filing approved in Order No. PSC-2022-0061-PCO-EI that are to be recovered in 2023 per these orders. The $314.2M was approved to be recovered from March 2022 through February 2023. The $123.4 + $52.4 = $175.8. DEF was previously approved to recover the $175.8 in 2023. DEF is proposing to recover the remaining prior period balance of $1,133,167,309 in a future period.

Duke Energy Florida, LLC
Calculation of Estimated True-Up
6 Months Actual and 6 Months Estimated
January 2022 - December 2022

			Jan Actual	Feb Actual	Mar Actual	Apr Actual	May Actual	Jun Actual	6 Month Sub-Total
A	1	Fuel Cost of System Generation	$ 135,309,148	$ 151,115,642	$ 145,301,994	$ 143,575,538	$ 216,213,880	$ 299,073,717	$ 1,090,589,919
	2	Fuel Cost of Power Sold	(15,933,266)	(9,383,848)	(7,665,612)	(9,863,934)	(16,700,651)	(44,385,222)	(103,932,533)
	3	Fuel Cost of Purchased Power	3,021,265	2,901,357	5,560,943	7,869,015	36,801,996	39,393,693	95,548,268
	3a	Demand and Non-Fuel Cost of Purchased Power							-
	3b	Energy Payments to Qualified Facilities	9,738,063	10,160,791	9,826,617	8,469,608	11,608,836	11,198,710	61,002,626
	4	Energy Cost of Economy Purchases	656,665	808,935	4,030,614	6,526,791	21,151,609	4,217,792	37,392,405
	5	Adjustments to Fuel Cost	1,058,093	1,737,630	1,039,802	1,044,002	1,041,886	1,064,404	6,985,817
	6	TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	133,849,969	157,340,506	158,094,357	157,621,020	270,117,556	310,563,094	1,187,586,501
B	1	Jurisdictional mWh Sales	2,676,220	2,869,047	3,140,899	2,967,573	3,330,558	3,929,445	18,913,742
	2	Non-Jurisdictional mWh Sales	(438)	215	1,202	(97)	3,815	94,349	99,045
	3	TOTAL SALES (Lines B1 + B2)	2,675,782	2,869,262	3,142,101	2,967,476	3,334,372	4,023,794	19,012,788
	4	Jurisdictional % of Total Sales (Line B1/B3)	100.02%	99.99%	99.96%	100.00%	99 89%	97.66%	99.48%
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	105,563,161	114,610,384	145,534,174	138,816,621	154,994,833	186,765,313	846,284,487
	2	True-Up Provision	(10,284,899)	(10,284,899)	(36,470,185)	(36,470,185)	(36,470,185)	(36,470,185)	(166,450,540)
	2a	Incentive Provision	(221,440)	(221,440)	(221,440)	(221,440)	(221,440)	(221,440)	(1,328,640)
	3	FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	95,056,822	104,104,045	108,842,549	102,124,996	118,303,208	150,073,688	678,505,307
	4	Fuel & Net Power Transactions (Line A6)	133,849,969	157,340,506	158,094,357	157,621,020	270,117,556	310,563,094	1,187,586,501
	5	Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	133,914,224	157,368,823	158,091,171	157,680,916	269,911,051	303,396,314	1,180,362,499
	6	Over/(Under) Recovery (Line C3 - Line C5)	(38,857,402)	(53,264,778)	(49,248,622)	(55,555,920)	(151,607,843)	(153,322,626)	(501,857,192)
	7	Interest Provision	(38,415)	(74,020)	(147,173)	(212,796)	(390,308)	(828,441)	(1,691,153)
	8	TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	(38,895,817)	(53,338,798)	(49,395,796)	(55,768,717)	(151,998,151)	(154,151,067)	(503,548,345)
	9	Plus: Prior Period Balance	(412,524,152)	(412,524,152)	(412,524,152)	(412,524,152)	(412,524,152)	(412,524,152)	(412,524,152)
	10	Plus: Cumulative True-Up Provision	10,284,899	20,569,798	57,039,983	93,510,169	129,980,354	166,450,540	166,450,540
	11	Subtotal Prior Period True-up	(402,239,253)	(391,954,354)	(355,484,169)	(319,013,983)	(282,543,798)	(246,073,612)	(246,073,612)
	12	Regulatory Accounting Adjustment	-	-	-	-	-	-	-
	13	TOTAL TRUE-UP BALANCE	($441,135,070)	(484,188,967)	($497,114,577)	($516,413,108)	($631,941,074)	($749,621,955)	(749,621,955)

Duke Energy Florida, LLC
Calculation of Estimated True-Up
6 Months Actual and 6 Months Estimated
January 2022 - December 2022

			Jul Estimated	Aug Estimated	Sep Estimated	Oct Estimated	Nov Estimated	Dec Estimated	12 Month Period
A	1	Fuel Cost of System Generation	$ 288,206,126	$ 285,647,917	$ 266,918,542	$ 238,375,494	$ 190,602,925	$ 204,112,982	$ 2,564,453,905
	2	Fuel Cost of Power Sold	(27,756,760)	(25,677,971)	(24,066,692)	(26,245,851)	(12,573,233)	(17,331,750)	(237,584,790)
	3	Fuel Cost of Purchased Power	16,143,527	14,338,622	14,464,772	9,716,330	2,374,279	322,450	152,908,248
	3a	Demand and Non-Fuel Cost of Purchased Power							0
	3b	Energy Payments to Qualified Facilities	17,485,281	17,459,378	16,677,566	15,099,503	16,698,217	17,287,269	161,709,840
	4	Energy Cost of Economy Purchases	7,204,536	7,026,417	7,356,538	5,905,582	1,662,095	1,010,420	67,557,993
	5	Adjustments to Fuel Cost	1,041,389	1,038,195	1,027,430	1,024,157	1,020,291	1,017,045	13,154,324
	6	TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	302,324,100	299,832,558	282,378,155	243,875,216	199,784,573	206,418,416	2,722,199,519
B	1	Jurisdictional mWh Sales	4,035,398	3,905,270	3,639,201	3,223,888	2,821,380	2,980,670	39,519,549
	2	Non-Jurisdictional mWh Sales	29,886	29,887	1,923	2,183	691	1,253	164,868
	3	TOTAL SALES (Lines B1 + B2)	4,065,284	3,935,157	3,641,124	3,226,071	2,822,071	2,981,922	39,684,417
	4	Jurisdictional % of Total Sales (Line B1/B3)	99.26%	99.24%	99.95%	99.93%	99 98%	99.96%	99 58%
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	192,897,992	185,534,051	172,903,942	152,979,235	133,900,234	141,649,189	1,826,149,128
	2	True-Up Provision	(36,470,185)	(36,470,185)	(36,470,185)	(36,470,185)	(36,470,185)	(36,470,185)	(385,271,647)
	2a	Incentive Provision	(221,440)	(221,440)	(221,440)	(221,440)	(221,440)	(221,439)	(2,657,279)
	3	FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	156,206,367	148,842,426	136,212,316	116,287,609	97,208,608	104,957,564	1,438,220,202
	4	Fuel & Net Power Transactions (Line A6)	302,324,100	299,832,558	282,378,155	243,875,216	199,784,573	206,418,416	2,722,199,519
	5	Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	300,215,598	297,668,445	282,336,282	243,802,787	199,811,567	206,410,096	2,710,607,274
	6	Over/(Under) Recovery (Line C3 - Line C5)	(144,009,231)	(148,826,019)	(146,123,966)	(127,515,178)	(102,602,958)	(101,452,532)	(1,272,387,076)
	7	Interest Provision	(964,070)	(1,097,164)	(1,231,686)	(1,353,583)	(1,449,514)	(1,529,923)	(9,317,092)
	8	TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	(144,973,301)	(149,923,183)	(147,355,652)	(128,868,761)	(104,052,472)	(102,982,455)	(1,281,704,170)
	9	Plus: Prior Period Balance	(412,524,152)	(412,524,152)	(412,524,152)	(412,524,152)	(412,524,152)	(412,524,152)	(412,524,152)
	10	Plus: Cumulative True-Up Provision	202,920,725	239,390,910	275,861,096	312,331,281	348,801,466	385,271,652	385,271,652
	11	Subtotal Prior Period True-up	(209,603,427)	(173,133,242)	(136,663,056)	(100,192,871)	(63,722,686)	(27,252,500)	(27,252,500)
	12	Regulatory Accounting Adjustment	-	-	-	-	-	-	-
	13	TOTAL TRUE-UP BALANCE *	($858,125,072)	($971,578,069)	($1,082,463,537)	($1,174,862,113)	($1,242,444,398)	($1,308,956,667)	(1,308,956,670)

* The $1.3B Total True-Up Balance on Line 13 includes $123.4M from the Rate Mitigation Plan approved in Order No. PSC-2021-4025-FOF-EI and $52.4M of the $314.2M Total Net True-Up from the Midcourse Filing approved in Order No. PSC-2022-0061-PCO-EI that are to be recovered in 2023 per these orders. The $314.2M was approved to be recovered from March 2022 through February 2023.

Duke Energy Florida, LLC
Calculation of Generating Performance Incentive
And True-Up Adjustment Factors
Estimated for the Period of : January 2023 through December 2023

1.	TOTAL AMOUNT OF ADJUSTMENTS:		
	A. Generating Performance Incentive Reward / (Penalty)	$	(206,463)
	B. True-Up (Over) / Under Recovery	$	175,789,361
	C. CEC Bill Credit	$	31,356,459
2.	JURISDICTIONAL mWh SALES	mWh	39,534,788
3.	ADJUSTMENT FACTORS:		
	A. Generating Performance Incentive Factor	Cents/kWh	(0.001)
	B. True-Up Factor	Cents/kWh	0.445
	C. CEC Bill Credit	Cents/kWh	0.079

Duke Energy Florida, LLC
Calculation of Levelized Fuel Adjustment Factors
Estimated for the Period of : January 2023 through December 2023

1.	Period Jurisdictional Fuel Cost (Schedule E-1, line 21)	$	2,266,708,676	
1a.	Prior Period True-up (Schedule E1, Line 22)	$	175,789,361	
2.	Generating Performance Incentive Factor (GPIF) (Schedule E1, Line 24)	$	(206,463)	
3.	CEC Bill Credit (Schedule E1, Line 25)	$	31 356 459	
4.	Total Amount to be Recovered (Line 1 through Line 3)	$	2,473,648,033	
5.	Jurisdictional Sales (Jan 2023 - Dec 2023)		39,534,788	mWh
6.	Jurisdictional Cost per kWh Sold (Line 4 / Line 5 / 10)		6.257	Cents/kWh
7.	Effective Jurisdictional Sales (See Below)		39,476,893	mWh
	LEVELIZED FUEL FACTORS:			
8.	Fuel Factor at Secondary Metering (Line 4 / Line 7 / 10)		6.266	Cents/kWh
9.	Fuel Factor at Primary Metering		6.203	Cents/kWh
10.	Fuel Factor at Transmission Metering		6.141	Cents/kWh
	TIERED FUEL FACTORS:			
11.	Fuel Factor - First Tier (0-1000 kWh)		5.961	Cents/kWh
12.	Fuel Factor - Second Tier (Over 1000 kWh)		7.031	Cents/kWh

	JURISDICTIONAL SALES (mWh)	
METERING VOLTAGE:	METER	SECONDARY
Distribution Secondary	34,973,246	34,973,246
Distribution Primary	3,333,669	3,300,332
Transmission	1,227,873	1,203,316
Total	39,534,788	39,476,893

Duke Energy Florida, LLC
Calculation of Final Fuel Cost Factors
Estimated for the Period of : January 2023 through December 2023

Line:	Metering Voltage	First Tier Factor Cents/kWh	Second Tier Factor Cents/kWh	Levelized Factors Cents/kWh	Time of Use: On-Peak Multiplier 1.228	Time of Use: Off-Peak Multiplier 1.006	Time of Use: Super Off-Peak Multiplier 0.746
1.	Distribution Secondary	5.961	7.031	6.266	7.695	6.304	4.674
2.	Distribution Primary	--	--	6.203	7.617	6.240	4.627
3.	Transmission	--	--	6.141	7.541	6.178	4.581
4.	Lighting Service	--	--	5.865	--	--	--

Line 4 calculated at secondary rate of 6.266 * (13.2% * On-Peak Multiplier 1.228 + 48.6% * Off-Peak Multiplier 1.006+ 38.2% * Super Off-Peak Multiplier 0.746).

DEVELOPMENT OF TIME OF USE MULTIPLIERS

	ON-PEAK PERIOD			OFF-PEAK PERIOD			SUPER OFF-PEAK PERIOD			TOTAL		
Mo/Yr	System mWh Requirements	Marginal Cost	Average Marginal Cost (¢/kWh)	System mWh Requirements	Marginal Cost	Average Marginal Cost (¢/kWh)	System mWh Requirements	Marginal Cost	Average Marginal Cost (¢/kWh)	System mWh Requirements	Marginal Cost	Average Marginal Cost (¢/kWh)
Jan-23	782,114	60,342,200	7.715	2,203,351	136,504,642	6.195	0	0	0.000	2,985,465	196,846,841	6.594
Feb-23	700,761	51,033,199	7.283	1,928,234	116,602,362	6.047	0	0	0.000	2,628,995	167,635,561	6.376
Mar-23	301,948	24,595,490	8.146	2,005,721	122,411,351	6.103	510,774	25,303,591	4.954	2,818,442	172,310,432	6.114
Apr-23	300,660	20,903,190	6.952	2,100,525	113,366,939	5.397	502,437	19,995,797	3.980	2,903,623	154,265,925	5.313
May-23	385,450	24,357,300	6.319	2,565,054	132,036,613	5.148	599,184	22,509,228	3.757	3,549,689	178,903,142	5.040
Jun-23	424,578	26,713,245	6.292	2,784,633	154,309,793	5.541	682,697	27,133,212	3.974	3,891,908	208,156,250	5.348
Jul-23	395,322	24,601,340	6.223	3,003,473	166,341,699	5.538	743,655	30,617,549	4.117	4,142,450	221,560,588	5.349
Aug-23	451,317	27,600,542	6.116	2,937,471	164,679,675	5.606	724,848	29,254,483	4.036	4,113,635	221,534,700	5.385
Sep-23	377,931	23,912,052	6.327	2,772,303	151,133,053	5.452	685,261	27,398,504	3.998	3,835,495	202,443,609	5.278
Oct-23	355,220	23,209,223	6.534	2,398,024	124,680,041	5.199	589,457	22,872,965	3.880	3,342,701	170,762,229	5.109
Nov-23	280,712	17,803,863	6.342	1,957,406	95,993,636	4.904	496,498	19,314,340	3.890	2,734,617	133,111,839	4.868
Dec-23	705,142	39,274,019	5.570	2,227,627	100,651,183	4.518	0	0	0.000	2,932,770	139,925,202	4.771
TOTAL	5,461,156	364,345,663	6.672	28,883,822	1,578,710,987	5.466	5,534,812	224,399,668	4.054	39,879,790	2,167,456,318	5.435

MARGINAL FUEL COST	ON-PEAK	OFF-PEAK	SUPER OFF-PEAK	AVERAGE
WEIGHTING MULTIPLIER	1.228	1.006	0.746	1.000

Duke Energy Florida, LLC
Development of Jurisdictional Delivery Loss Multipliers
Based on Actual Twelve Months Ending December 31, 2021
Estimated for the Period of : January 2023 through December 2023

		Energy Delivered @ Billing Level							
		Billed mWh	Unbilled mWh	Total mWh	% of Total	Delivery Efficiency	Energy Required @ Source Level	% of Total	Jurisdictional Loss Multiplier
Retail									
Transmission		1,247,116	(22,957)	1,224,159		0.9858571	1,241,720		
Distr bution Primary		3,320,231	(61,116)	3,259,115		0.9758571	3,339,746		
Distr bution Secondary		35,123,110	(646,520)	34,476,590		0.9247403	37,282,458		
Total Retail		39,690,457	(730,593)	38,959,864	99.45%	0.9306310	41,863,924	99.48%	1.00038
						6.94%			
Wholesale									
Generation Level		217,046	-	217,046		1.0000000	217,046		
Transmission		-	-	-		0.9858571	-		
Distr bution Primary		174	-	174		0.9758571	178		
Distr bution Secondary		-	-	-			-		
Total Wholesale		217,220	-	217,220	0.55%	0.9999802	217,224	0.52%	0.93101
						0.00%			
Subtotal Class		39,907,677	(730,593)	39,177,084	100.00%	0.9309889	42,081,149	100.00%	1.00000
						6.90%			
Non-Class									
SEPA	Transmission	11,198	-	11,198		0.9858571	11,358		
Homestead Base & Int	Generation	-	-	-		1.0000000	-		
SECI - CC	Generation	1,445,403	-	1,445,403		1.0000000	1,445,403		
SECI - Base	Generation	-	-	-		1.0000000	-		
Reedy Creek Base & Int	Generation	383,644	-	383,644		1.0000000	383,644		
Reedy Creek Hines	Generation	-	-	-		1.0000000	-		
Reedy Creek Solar	Generation	29,200	-	29,200		1.0000000	29,200		
NSB - Peaking	Generation	-	-	-		1.0000000	-		
SECI - Intermediate	Generation	41,600	-	41,600		1.0000000	41,600		
SECI - Peaking	Generation	10,878	-	10,878		1.0000000	10,878		
TECO Base	Generation	1,162,527	-	1,162,527		1.0000000	1,162,527		
Interchange	Generation	126,207	-	126,207		1.0000000	126,207		
Company Use	Secondary	160,615	-	160,615		0.9247403	173,686		
Total Non-Class		3,371,271	-	3,371,271			3,384,503		
Total System		43,278,948	(730,593)	42,548,355		0.935835	45,465,652		

Duke Energy Florida, LLC
Fuel and Purchased Power Cost Recovery Clause
Estimated for the Period of : January 2023 through December 2023

			Estimated Jan-23	Estimated Feb-23	Estimated Mar-23	Estimated Apr-23	Estimated May-23	Estimated Jun-23	Estimated Jul-23	Estimated Aug-23	Estimated Sep-23	Estimated Oct-23	Estimated Nov-23	Estimated Dec-23	TOTAL
1	Fuel Cost of System Net Generation		$200,425,142	$173,722,891	$171,196,470	$142,347,610	$172,020,813	$187,655,097	$201,399,295	$200,567,454	$186,986,858	$164,961,595	$144,089,711	$156,840,132	$2,102,213,068
1a	Adjustments to Fuel Cost		1,029,098	1,176,744	1,021,967	1,018,476	1,015,272	1,011,755	1,008,104	1,004,568	1,001,058	997,668	993,714	990,341	12,268,764
2	Fuel Cost of Power Sold		(4,173,845)	(2,647,019)	(3,029,659)	(701,084)	(1,828,690)	(81,774)	(85,532)	(173,290)	(210,696)	(1,147,171)	(1,826,096)	(1,290,117)	(17,194,973)
2a	Gain on Total Power Sales - 20%		0	0	0	0	31,574	3,352	3,506	7,103	8,637	47,025	74,855	52,884	228,937
2b	Fuel Cost of Stratified Sales		(2,701,912)	(2,637,815)	(2,950,847)	(2,765,751)	(2,997,403)	(3,698,474)	(4,365,953)	(3,897,370)	(3,531,383)	(4,090,831)	(3,282,090)	(4,733,067)	(41,652,897)
3	Fuel Cost of Purchased Power (Excl Economy)		469,115	122,720	732,768	5,143,208	2,196,595	3,033,244	2,264,583	3,439,407	2,460,482	2,128,945	1,216,585	216,560	23,424,212
3a	Energy Payments to Qualifying Facilities		16,559,856	13,953,301	14,257,870	12,969,109	15,068,265	14,617,932	15,038,060	15,046,256	14,546,498	14,548,932	14,576,914	15,153,492	176,336,484
4	Energy Cost of Economy Purchases		780,196	638,866	868,757	1,207,494	531,742	1,047,683	985,219	1,129,034	1,202,296	1,156,309	818,039	814,287	11,179,922
5	Total System Fuel & Net Power Transactions		$212,387,650	$184,329,688	$182,097,325	$159,219,062	$186,038,168	$203,588,814	$216,247,281	$217,123,162	$202,463,750	$178,602,472	$156,661,632	$168,044,513	$2,266,803,518
6	Jurisdictional mWh Sold		2,980,335	2,569,181	2,726,532	2,891,011	3,471,533	3,879,783	4,120,825	4,092,492	3,733,586	3,281,429	2,777,619	3,010,476	39,534,801
7	Jurisdictional % of Total Sales		99.98%	99.97%	99.98%	99.98%	99.94%	99.94%	99.95%	99.95%	99.95%	99.93%	99.98%	99.96%	99.96%
8	Jurisdicitonal Fuel & Net Power Transactions		212,335,254	184,267,675	182,062,076	159,180,802	185,932,104	203,468,290	216,143,113	217,017,797	202,359,534	178,483,723	156,622,678	167,974,608	2,265,847,654
9	Jurisdictional Loss Multiplier		1.00038	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038
10	Jurisdictional Fuel & Net Power Transactions		212,415,941	184,337,697	182,131,259	159,241,290	186,002,758	203,545,608	216,225,247	217,100,264	202,436,430	178,551,547	156,682,194	168,038,439	2,266,708,676
11	Adjusted System Sales	mWh	2,981,070	2,570,045	2,727,060	2,891,706	3,473,513	3,882,081	4,122,811	4,094,479	3,735,509	3,283,612	2,778,310	3,011,728	39,551,925
12	System Cost per kWh Sold	c/kWh	7.1246	7.1722	6.6774	5.5061	5.3559	5.2443	5.2451	5.3028	5.4201	5.4392	5.6386	5.5797	5.7348
13	Jurisdictional Loss Multiplier	x	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038	1.00038
14	Jurisdictional Cost per kWh Sold	c/kWh	7.1273	7.1750	6.6800	5.5082	5.3579	5.2463	5.2471	5.3048	5.4220	5.4413	5.6409	5.5818	5.7335
15	Prior Period True-Up	+	0.4915	0.5702	0.5373	0.5067	0.4220	0.3776	0.3555	0.3580	0.3924	0.4464	0.5274	0.4866	0.4446
16	Total Jurisdictional Fuel Expense	c/kWh	7.6188	7.7452	7.2172	6.0149	5.7799	5.6239	5.6026	5.6628	5.8144	5.8877	6.1683	6.0684	6.1781
17	GPIF	+	-0.0006	-0.0007	-0.0006	-0.0006	-0.0005	-0.0004	-0.0004	-0.0004	-0.0005	-0.0005	-0.0006	-0.0006	-0.0005
18	CEC Bill Credit	+	0.0336	0.0403	0.0520	0.0520	0.0702	0.0748	0.0871	0.1011	0.1023	0.1115	0.1132	0.0901	0.0793
19	Total Recovery Factor (rounded .001)	c/kWh	7.652	7.785	7.269	6.066	5.850	5.698	5.689	5.763	5.916	5.999	6.281	6.158	6.257

Duke Energy Florida, LLC
Generating System Comparative Data by Fuel Type
Estimated for the Period of : January 2023 through December 2023

			Estimated Jan-23	Estimated Feb-23	Estimated Mar-23	Estimated Apr-23	Estimated May-23	Estimated Jun-23	Subtotal
	FUEL COST OF SYSTEM NET GENERATION ($)								
1	LIGHT OIL		1,119,759	1,093,850	1,492,530	956,190	1,073,858	1,327,817	7,064,004
2	COAL		16,548,991	11,246,041	11,648,033	10,944,207	11,043,342	11,721,290	73,151,904
3	GAS		182,756,392	161,383,000	158,055,907	130,447,213	159,903,613	174,605,990	967,152,115
4	OTHER		0	0	0	0	0	0	0
5	TOTAL	$	200,425,142	173,722,891	171,196,470	142,347,610	172,020,813	187,655,097	1,047,368,023
	SYSTEM NET GENERATION (MWH)								
6	LIGHT OIL		5,326	5,326	5,756	3,316	4,649	5,910	30,284
7	COAL		381,950	252,311	260,528	244,263	241,789	264,799	1,645,640
8	GAS		2,461,319	2,228,819	2,328,380	2,347,120	2,991,774	3,311,145	15,668,557
9	SOLAR		133,779	142,014	217,982	253,054	291,611	275,858	1,314,298
10	OTHER		0	0	0	0	0	0	0
11	TOTAL	MWH	2,982,374	2,628,470	2,812,646	2,847,754	3,529,823	3,857,713	18,658,779
	UNITS OF FUEL BURNED								
12	LIGHT OIL	BBL	9,548	9,139	12,047	7,089	8,207	10,677	56,707
13	COAL	TON	167,839	111,791	117,459	110,992	113,295	122,130	743,506
14	GAS	MCF	16,902,602	15,357,495	16,229,444	16,853,867	21,483,786	23,870,564	110,697,758
15	OTHER		0	0	0	0	0	0	0
	BTUS BURNED (MMBTU)								
16	LIGHT OIL		55,632	53,242	70,186	41,291	47,808	62,191	330,350
17	COAL		3,916,026	2,608,397	2,740,719	2,586,290	2,636,679	2,839,147	17,327,258
18	GAS		16,902,602	15,357,495	16,229,444	16,853,867	21,483,786	23,870,564	110,697,758
19	OTHER		0	0	0	0	0	0	0
20	TOTAL	MMBTU	20,874,260	18,019,134	19,040,349	19,481,448	24,168,273	26,771,902	128,355,366
	GENERATION MIX (% MWH)								
21	LIGHT OIL		0.18%	0.20%	0.21%	0.12%	0.13%	0.15%	0.16%
22	COAL		12.81%	9.60%	9.26%	8.58%	6.85%	6.86%	8.82%
23	GAS		82.53%	84.80%	82.78%	82.42%	84.76%	85.83%	83.97%
24	SOLAR		4.49%	5.40%	7.75%	8.89%	8.26%	7.15%	7.04%
25	OTHER		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
26	TOTAL	%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	FUEL COST PER UNIT								
27	LIGHT OIL	$/BBL	117.28	119.69	123.89	134.88	130.85	124.36	124.57
28	COAL	$/TON	98.60	100.60	99.17	98.60	97.47	95.97	98.39
29	GAS	$/MCF	10.81	10.51	9.74	7.74	7.44	7.31	8.74
30	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FUEL COST PER MMBTU ($/MMBTU)								
31	LIGHT OIL		20.13	20.55	21.27	23.16	22.46	21.35	21.38
32	COAL		4.23	4.31	4.25	4.23	4.19	4.13	4.22
33	GAS		10.81	10.51	9.74	7.74	7.44	7.32	8.74
34	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	TOTAL	$/MMBTU	9.60	9.64	8.99	7.31	7.12	7.01	8.16
	BTU BURNED PER KWH (BTU/KWH)								
36	LIGHT OIL		10,445	9,996	12,193	12,451	10,284	10,522	10,908
37	COAL		10,253	10,338	10,520	10,588	10,905	10,722	10,529
38	GAS		6,867	6,890	6,970	7,181	7,181	7,209	7,065
39	OTHER		0	0	0	0	0	0	0
40	TOTAL	BTU/KWH	6,999	6,855	6,770	6,841	6,847	6,940	6,879
	GENERATED FUEL COST PER KWH (C/KWH)								
41	LIGHT OIL		21.02	20.54	25.93	28.83	23.10	22.47	23.33
42	COAL		4.33	4.46	4.47	4.48	4.57	4.43	4.45
43	GAS		7.43	7.24	6.79	5.56	5.34	5.27	6.17
44	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	TOTAL	C/KWH	6.72	6.61	6.09	5.00	4.87	4.86	5.61

Duke Energy Florida, LLC
Generating System Comparative Data by Fuel Type
Estimated for the Period of : January 2023 through December 2023

			Estimated Jul-23	Estimated Aug-23	Estimated Sep-23	Estimated Oct-23	Estimated Nov-23	Estimated Dec-23	Total
	FUEL COST OF SYSTEM NET GENERATION ($)								
1	LIGHT OIL		1,305,326	1,181,284	1,481,573	1,026,537	808,302	1,363,245	14,230,271
2	COAL		15,513,365	14,372,048	12,205,577	7,381,480	6,572,227	4,381,386	133,577,987
3	GAS		184,580,604	185,014,122	173,299,708	156,553,578	136,709,182	151,095,501	1,954,404,810
4	OTHER		0	0	0	0	0	0	0
5	TOTAL	$	201,399,295	200,567,454	186,986,858	164,961,595	144,089,711	156,840,132	2,102,213,068
	SYSTEM NET GENERATION (MWH)								
6	LIGHT OIL		4,950	4,867	5,910	4,680	3,186	6,091	59,968
7	COAL		367,771	343,129	289,956	163,497	143,627	86,151	3,039,771
8	GAS		3,471,444	3,468,236	3,274,576	2,924,435	2,387,550	2,676,047	33,870,844
9	SOLAR		272,688	260,155	238,095	226,676	191,913	162,777	2,666,602
10	OTHER		0	0	0	0	0	0	0
11	TOTAL	MWH	4,116,853	4,076,387	3,808,538	3,319,288	2,726,275	2,931,065	39,637,185
	UNITS OF FUEL BURNED								
12	LIGHT OIL	BBL	9,709	8,898	11,641	7,815	6,035	11,104	111,909
13	COAL	TON	167,841	155,956	131,694	75,390	65,480	39,609	1,379,476
14	GAS	MCF	25,152,041	25,273,804	23,692,014	21,093,597	17,469,868	18,849,032	242,228,114
15	OTHER		0	0	0	0	0	0	0
	BTUS BURNED (MMBTU)								
16	LIGHT OIL		56,548	51,828	67,801	45,517	35,159	64,679	651,882
17	COAL		3,897,675	3,618,269	3,052,773	1,746,267	1,515,719	916,317	32,074,278
18	GAS		25,152,041	25,273,804	23,692,014	21,093,597	17,469,868	18,849,032	242,228,114
19	OTHER		0	0	0	0	0	0	0
20	TOTAL	MMBTU	29,106,264	28,943,901	26,812,588	22,885,381	19,020,746	19,830,028	274,954,274
	GENERATION MIX (% MWH)								
21	LIGHT OIL		0.12%	0.12%	0.16%	0.14%	0.12%	0.21%	0.15%
22	COAL		8.93%	8.42%	7.61%	4.93%	5.27%	2.94%	7.67%
23	GAS		84.32%	85.08%	85.98%	88.10%	87.58%	91.30%	85.45%
24	SOLAR		6.62%	6.38%	6.25%	6.83%	7.04%	5.55%	6.73%
25	OTHER		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
26	TOTAL	%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	FUEL COST PER UNIT								
27	LIGHT OIL	$/BBL	134.44	132.76	127.27	131.35	133.94	122.77	127.16
28	COAL	$/TON	92.43	92.15	92.68	97.91	100.37	110.62	96.83
29	GAS	$/MCF	7.34	7.32	7.31	7.42	7.83	8.02	8.07
30	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FUEL COST PER MMBTU ($/MMBTU)								
31	LIGHT OIL		23.08	22.79	21.85	22.55	22.99	21.08	21.83
32	COAL		3.98	3.97	4.00	4.23	4.34	4.78	4.17
33	GAS		7.34	7.32	7.32	7.42	7.83	8.02	8.07
34	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	TOTAL	$/MMBTU	6.92	6.93	6.97	7.21	7.58	7.91	7.65
	BTU BURNED PER KWH (BTU/KWH)								
36	LIGHT OIL		11,423	10,649	11,472	9,725	11,036	10,620	10,870
37	COAL		10,598	10,545	10,528	10,681	10,553	10,636	10,552
38	GAS		7,245	7,287	7,235	7,213	7,317	7,044	7,152
39	OTHER		0	0	0	0	0	0	0
40	TOTAL	BTU/KWH	7,070	7,100	7,040	6,895	6,977	6,765	6,937
	GENERATED FUEL COST PER KWH (C/KWH)								
41	LIGHT OIL		26.37	24.27	25.07	21.93	25.37	22.38	23.73
42	COAL		4.22	4.19	4.21	4.51	4.58	5.09	4.39
43	GAS		5.32	5.33	5.29	5.35	5.73	5.65	5.77
44	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	TOTAL	C/KWH	4.89	4.92	4.91	4.97	5.29	5.35	5.30

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Jan-23

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
	PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1	CRYSTAL RIVER	4	732	165,474	30.4	90.97	62.1	10,316	COAL	73,165 TONS	23.33	1,707,087	7,284,274	4.40
2	CRYSTAL RIVER	5	712	216,476	40.9	90.00	58.1	10,204	COAL	94,674 TONS	23.33	2,208,939	9,264,717	4.28
3	ANCLOTE	1	517	6,537	1.7	93.23	11.6	13,202	GAS	86,305 MCF	1.00	86,305	858,363	13.13
4	ANCLOTE	2	521	0	0.0	88.06	0 0	0	GAS	0 MCF	0.00	0	74,626	0.00
5	BARTOW	1-4	1,279	250	0.0	90.49	2.4	16,073	GAS	4,015 MCF	1.00	4,015	43,396	17.37
6	BARTOWCC	1	1279	589,941	62.0	95.48	64 9	7,140	GAS	4,212,331 MCF	1.00	4,212,331	45,536,768	7.72
7	CITRUS CC	1-2	1640	1,217,389	99.8	97 26	103 0	6,480	GAS	7,888,871 MCF	1.00	7,888,871	85,281,454	7.01
8	DEBARY	1-10	785	2,107	0.5	79.48	7 8	13,820	GAS	29,122 MCF	1.00	29,122	314,816	14.94
9	HINES	1-4	2,204	533,225	32.7	87.19	72 9	7,022	GAS	3,744,371 MCF	1.00	3,744,371	40,477,963	7.59
10	INT CITY	1-14	1,186	1,935	0.2	93.55	6 2	13,121	GAS	25,388 MCF	1.00	25,388	274,463	14.18
11	OSPREY	1	505	51,786	13.8	94.96	97.7	7,741	GAS	400,862 MCF	1.00	400,862	4,333,457	8.37
12	SUWANNEE CT	1-3	200	1,424	1.1	86.78	26 3	13,355	GAS	19,019 MCF	1.00	19,019	205,599	14.44
13	TIGER BAY	1	225	21,205	12.7	90.65	98 2	7,485	GAS	158,723 MCF	1.00	158,723	1,715,852	8.09
14	UNIV OF FLA.	1	47	35,520	101.6	95.48	106.4	9,392	GAS	333,595 MCF	1.00	333,595	3,639,635	10.25
15	BARTOW	1-4	228	207	0.3	90.49	13.4	15,986	LIGHT OIL	569 BBLS	5.83	3,317	72,530	34.95
16	BARTOW CC	1	1,279	0	62.0	95.48	64 9	0	LIGHT OIL	0 BBLS	5.83	0	0	0.00
17	BAYBORO	1-4	231	215	0.1	94.44	23 2	13,391	LIGHT OIL	493 BBLS	5.83	2,875	61,797	28.78
18	DEBARY	1-10	785	904	0.5	79.48	7 8	13,372	LIGHT OIL	2,074 BBLS	5.83	12,087	254,263	28.13
19	HINESCC	1-4	2,204	3,797	32.7	87.19	72 9	7,043	LIGHT OIL	4,591 BBLS	5.83	26,744	424,514	11.18
20	OTHER		0	0	0.0	0.00	0 0	0	LIGHT OIL	0 BBLS	5.83	0	0	0.00
21	INT CITY	1-14	1,186	51	0.2	93.55	6 2	14,086	LIGHT OIL	124 BBLS	5.83	724	21,752	42.32
22	SUWANNEE CT	1-3	200	151	1.1	86.78	75.7	13,209	LIGHT OIL	343 BBLS	5.83	2,000	42,542	28.10
23	OTHER - START UP	0	-	0	-	0.00	0 0	0	LIGHT OIL	1,354 BBLS	5.83	7,885	242,361	0.00
24	SOLAR	1	891	133,779	20.2	0 00	40.7	0	SOLAR	0 N/A		0	0	0.00
25	TOTAL			2,982,374								20,874,260	200,425,142	6.72

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Feb-23

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	4	732	104,756	21.3	91.79	57.0	10,424	COAL	46,799 TONS	23 33	1,091,952	4,796,134	4.58
2 CRYSTAL RIVER	5	712	147,555	30.8	81.79	53.4	10,277	COAL	64,992 TONS	23 33	1,516,445	6,449,907	4.37
3 ANCLOTE	1	517	7,806	2.2	94.64	12.2	13,531	GAS	105,626 MCF	1 00	105,626	1,018,156	13.04
4 ANCLOTE	2	521	0	0.0	90.00	0.0	0	GAS	0 MCF	0.00	0	91,602	0.00
5 BARTOW	1-4	1,279	126	0.0	89.29	2.2	17,025	GAS	2,149 MCF	1.00	2,149	22,569	17.88
6 BARTOWCC	1	1279	536,140	62.4	84.76	66.9	7,141	GAS	3,828,464 MCF	1 00	3,828,464	40,223,585	7.50
7 CITRUS CC	1-2	1640	1,073,610	97.4	95.89	101.6	6,492	GAS	6,970,110 MCF	1 00	6,970,110	73,231,149	6.82
8 DEBARY	1-10	785	2,184	0.6	80.57	8.4	13,591	GAS	29,687 MCF	1 00	29,687	311,900	14.28
9 HINES	1-4	2,204	500,458	34.1	71.61	77.3	7,035	GAS	3,520,630 MCF	1 00	3,520,630	36,989,332	7.39
10 INT CITY	1-14	1,186	1,306	0.2	93.06	6.1	13,095	GAS	17,101 MCF	1 00	17,101	179,655	13.76
11 OSPREY	1	505	50,748	15.0	82.44	93.0	7,734	GAS	392,493 MCF	1 00	392,493	4,123,706	8.13
12 SUWANNEE CT	1-3	200	1,274	1.0	78.66	26.7	13,212	GAS	16,831 MCF	1 00	16,831	176,833	13.88
13 TIGER BAY	1	225	23,007	15.2	90.71	98.3	7,490	GAS	172,326 MCF	1.00	172,326	1,810,532	7.87
14 UNIV OF FLA.	1	47	32,160	101.8	95.71	106.4	9,393	GAS	302,078 MCF	1 00	302,078	3,203,981	9.96
15 BARTOW	1-4	228	209	0.2	89.29	12.3	16,401	LIGHT OIL	589 BBLS	5.83	3,434	74,954	35.80
16 BARTOW CC	1	1,279	0	62.4	84.76	66.9	0	LIGHT OIL	0 BBLS	5.83	0	0	0.00
17 BAYBORO	1-4	231	209	0.1	94.20	22.6	13,388	LIGHT OIL	480 BBLS	5.83	2,798	60,259	28.83
18 DEBARY	1-10	785	899	0.6	80.57	8.4	13,220	LIGHT OIL	2,039 BBLS	5.83	11,880	250,171	27.84
19 HINESCC	1-4	2,204	3,893	34.1	71.61	77.3	7,033	LIGHT OIL	4,701 BBLS	5.83	27,382	471,782	12.12
20 OTHER		0	0	0.0	0.00	0.0	0	LIGHT OIL	0 BBLS	5.83	0	0	0.00
21 INT CITY	1-14	1,186	0	0.0	93.06	0.0	0	LIGHT OIL	0 BBLS	5.83	0	9,394	0.00
22 SUWANNEE CT	1-3	200	116	1.0	78.66	58.1	13,102	LIGHT OIL	261 BBLS	5.83	1,523	33,197	28.56
23 OTHER - START UP	0	-	0	-	0.00	0.0	0	LIGHT OIL	1,069 BBLS	5.83	6,225	194,093	0.00
24 SOLAR	1	891	142,014	23.7	0.00	46.5	0	SOLAR	0 N/A		0	0	0.00
25 TOTAL			2,628,470								18,019,134	173,722,891	6.61

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Mar-23

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	4	732	182,324	33 5	87.42	50.4	10,590	COAL	82,752 TONS	23.33	1,930,880	7,984,292	4 38
2 CRYSTAL RIVER	5	712	78,204	14 8	93.55	49.3	10,355	COAL	34,707 TONS	23.33	809,839	3,663,741	4.68
3 ANCLOTE	1	517	2,105	0 5	94 84	13.6	13,047	GAS	27,467 MCF	1.00	27,467	242,795	11 53
4 ANCLOTE	2	521	0	0 0	91.61	0.0	0	GAS	0 MCF	0.00	0	24,655	0 00
5 BARTOW	1-4	1,279	70	0 0	88.63	2.3	16,706	GAS	1,172 MCF	1.00	1,172	11,415	16 27
6 BARTOWCC	1	1279	658,382	69 2	93.55	74.0	7,146	GAS	4,704,812 MCF	1.00	4,704,812	45,811,881	6 96
7 CITRUS CC	1-2	1640	736,494	60.4	58.05	99.5	6,517	GAS	4,799,881 MCF	1.00	4,799,881	46,737,596	6 35
8 DEBARY	1-10	785	2,564	0.6	79.61	7.6	14,029	GAS	35,965 MCF	1.00	35,965	350,198	13.66
9 HINES	1-4	2,204	841,977	51 5	79.01	80.1	7,065	GAS	5,948,749 MCF	1.00	5,948,749	57,924,392	6.88
10 INT CITY	1-14	1,186	1,122	0 3	86.14	6.6	13,050	GAS	14,637 MCF	1.00	14,637	142,534	12.71
11 OSPREY	1	505	0	0 0	0.00	0.0	0	GAS	0 MCF	0.00	0	0	0 00
12 SUWANNEE CT	1-3	200	381	0 3	48.16	27.7	13,280	GAS	5,056 MCF	1.00	5,056	49,228	12 93
13 TIGER BAY	1	225	57,686	34 5	89 35	97.1	7,498	GAS	432,529 MCF	1.00	432,529	4,211,634	7 30
14 UNIV OF FLA.	1	47	27,600	78 9	73.25	106.4	9,390	GAS	259,176 MCF	1.00	259,176	2,549,579	9 24
15 BARTOW	1-4	228	220	0 2	88.63	12.7	16,126	LIGHT OIL	609 BBLS	5.83	3,550	77,314	35.12
16 BARTOW CC	1	1,279	0	69 2	93 55	74.0	0	LIGHT OIL	0 BBLS	5.83	0	0	0.00
17 BAYBORO	1-4	231	209	0.1	93 95	22.6	13,389	LIGHT OIL	480 BBLS	5.83	2,797	60,238	28.84
18 DEBARY	1-10	785	886	0.6	79.61	7.6	13,466	LIGHT OIL	2,048 BBLS	5.83	11,932	251,226	28.35
19 HINESCC	1-4	2,204	2,804	51 5	79.01	80.1	6,963	LIGHT OIL	3,351 BBLS	5.83	19,522	364,053	12.98
20 OTHER		0	0	0 0	0 00	0.0	0	LIGHT OIL	0 BBLS	5.83	0	0	0.00
21 INT CITY	1-14	1,186	1,520	0 3	86.14	6.6	12,651	LIGHT OIL	3,301 BBLS	5.83	19,233	352,066	23.16
22 SUWANNEE CT	1-3	200	117	0 3	48.16	58.6	13,076	LIGHT OIL	263 BBLS	5.83	1,532	33,641	28.71
23 OTHER - START UP	0	-	0	-	0.00	0.0	0	LIGHT OIL	1,995 BBLS	5.83	11,620	353,992	0 00
24 SOLAR	1	965	217,982	30.4	0.00	58.4	0	SOLAR	0 N/A		0	0	0 00
25 TOTAL			2,812,646								19,040,349	171,196,470	6 09

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Apr-23

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	4	732	47,362	9.0	84.67	61.6	10,599	COAL	21,544 TONS	23.30	502,003	2,455,847	5.19
2 CRYSTAL RIVER	5	712	196,901	38.4	93.00	51 5	10,585	COAL	89,448 TONS	23.30	2,084,287	8,488,360	4.31
3 ANCLOTE	1	517	0	0.0	0.00	0 0	0	GAS	0 MCF	0.00	0	0	0 00
4 ANCLOTE	2	521	0	0.0	91.67	0 0	0	GAS	0 MCF	0.00	0	0	0 00
5 BARTOW	1-4	1,279	121	0.0	89.42	2.4	16,048	GAS	1,935 MCF	1.00	1,935	14,975	12.42
6 BARTOWCC	1	1279	622,003	67.5	92.33	73.1	7,459	GAS	4,639,503 MCF	1.00	4,639,503	35,903,281	5.77
7 CITRUS CC	1-2	1640	700,094	59.3	57.92	97 9	6,617	GAS	4,632,751 MCF	1.00	4,632,751	35,851,033	5.12
8 DEBARY	1-10	785	1,688	0.4	70.53	7.7	14,215	GAS	23,990 MCF	1.00	23,990	185,648	11.00
9 HINES	1-4	2,204	867,476	54.8	71.25	79.1	7,316	GAS	6,346,799 MCF	1.00	6,346,799	49,115,384	5.66
10 INT CITY	1-14	1,186	2,337	0.3	80.19	7 0	12,830	GAS	29,988 MCF	1.00	29,988	232,066	9.93
11 OSPREY	1	505	0	0.0	0.00	0 0	0	GAS	0 MCF	0.00	0	0	0 00
12 SUWANNEE CT	1-3	200	2,032	1.5	86.67	30.4	12,671	GAS	25,742 MCF	1.00	25,742	199,208	9.81
13 TIGER BAY	1	225	128,211	79.1	93 33	100 3	7,296	GAS	935,369 MCF	1.00	935,369	7,238,450	5.65
14 UNIV OF FLA.	1	47	23,160	68.4	63.17	106.4	9,404	GAS	217,790 MCF	1.00	217,790	1,707,168	7.37
15 BARTOW	1-4	228	211	0.2	89.42	13 2	16,530	LIGHT OIL	599 BBLS	5.82	3,485	76,015	36 06
16 BARTOW CC	1	1,279	0	67.5	92.33	73.1	0	LIGHT OIL	0 BBLS	5.82	0	0	0 00
17 BAYBORO	1-4	231	203	0.1	93.09	22 0	13,392	LIGHT OIL	467 BBLS	5.82	2,720	58,694	28 90
18 DEBARY	1-10	785	744	0.4	70.53	7.7	13,777	LIGHT OIL	1,759 BBLS	5.82	10,244	217,840	29 30
19 HINESCC	1-4	2,204	2,001	54.8	71.25	79.1	7,049	LIGHT OIL	2,421 BBLS	5.82	14,104	281,319	14 06
20 OTHER		0	0	0.0	0.00	0 0	0	LIGHT OIL	0 BBLS	5.82	0	0	0 00
21 INT CITY	1-14	1,186	0	0.0	80.19	0 0	0	LIGHT OIL	0 BBLS	5.82	0	9,394	0 00
22 SUWANNEE CT	1-3	200	158	1.5	86.67	79.1	12,795	LIGHT OIL	347 BBLS	5.82	2,023	44,097	27 89
23 OTHER - START UP	0	-	0	-	0.00	0 0	0	LIGHT OIL	1,496 BBLS	5.82	8,715	268,831	0 00
24 SOLAR	1	1040	253,054	33.8	0.00	62.4	0	SOLAR	0 N/A		0	0	0 00
25 TOTAL			2,847,754								19,481,448	142,347,610	5 00

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: May-23

	(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)		(J)	(K)	(L)	(M)
	PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)		FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1	CRYSTAL RIVER	4	732	237,538	43.6	88.71	49.1	10,912	COAL	111,377	TONS	23.27	2,592,031	10,332,524	4.35
2	CRYSTAL RIVER	5	712	4,251	0.8	94.19	54 3	10,503	COAL	1,918	TONS	23.28	44,648	710,818	16.72
3	ANCLOTE	1	517	51,330	13.3	80.41	17 5	12,174	GAS	624,899	MCF	1.00	624,899	4,185,765	8.15
4	ANCLOTE	2	521	0	0.0	94.52	0 0	0	GAS	0	MCF	0.00	0	464,493	0.00
5	BARTOW	1-4	1,279	72	0.0	58.91	2.1	16,972	GAS	1,220	MCF	1.00	1,220	9,076	12.63
6	BARTOWCC	1	1279	650,593	68.4	97.10	70 5	7,384	GAS	4,804,080	MCF	1.00	4,804,080	35,750,126	5.50
7	CITRUS CC	1-2	1640	1,087,410	89.1	95.65	93 2	6,531	GAS	7,102,084	MCF	1.00	7,102,084	52,850,993	4.86
8	DEBARY	1-10	785	400	0.2	71.22	7.7	13,100	GAS	5,238	MCF	1.00	5,238	38,977	9.75
9	HINES	1-4	2,204	1,029,806	63.0	95.97	69.1	7,338	GAS	7,556,244	MCF	1.00	7,556,244	56,230,681	5.46
10	INT CITY	1-14	1,186	1,031	0.1	80.74	5.1	13,539	GAS	13,961	MCF	1.00	13,961	103,902	10.08
11	OSPREY	1	505	113,841	30.3	64.76	99 3	7,780	GAS	885,676	MCF	1.00	885,676	6,590,859	5.79
12	SUWANNEE CT	1-3	200	184	0.2	87.74	21 3	13,541	GAS	2,496	MCF	1.00	2,496	18,580	10.08
13	TIGER BAY	1	225	25,637	15.3	41.90	85.7	7,528	GAS	193,011	MCF	1.00	193,011	1,436,311	5.60
14	UNIV OF FLA.	1	47	31,469	90.0	96.13	93.6	9,370	GAS	294,877	MCF	1.00	294,877	2,223,850	7.07
15	BARTOW	1-4	228	170	0.1	58.91	11 8	17,062	LIGHT OIL	497	BBLS	5.82	2,894	63,874	37.66
16	BARTOW CC	1	1,279	0	68.4	97.10	70 5	0	LIGHT OIL	0	BBLS	5.82	0	0	0.00
17	BAYBORO	1-4	231	167	0.1	94.36	18 0	13,845	LIGHT OIL	397	BBLS	5.82	2,308	50,365	30.21
18	DEBARY	1-10	785	569	0.2	71.22	7.7	13,479	LIGHT OIL	1,317	BBLS	5.82	7,669	166,954	29.34
19	HINESCC	1-4	2,204	3,630	63.0	95.97	69.1	7,143	LIGHT OIL	4,450	BBLS	5.82	25,927	516,529	14.23
20	OTHER		0	0	0.0	0.00	0 0	0	LIGHT OIL	0	BBLS	5.82	0	0	0.00
21	INT CITY	1-14	1,186	0	0.0	80.74	0 0	0	LIGHT OIL	0	BBLS	5.82	0	9,394	0.00
22	SUWANNEE CT	1-3	200	114	0.2	87.74	57 0	13,501	LIGHT OIL	264	BBLS	5.82	1,540	34,371	30.13
23	OTHER - START UP	0	-	0	-	0.00	0 0	0	LIGHT OIL	1,282	BBLS	5.82	7,470	232,371	0.00
24	SOLAR	1	1115	291,611	35.2	0.00	64 9	0	SOLAR	0	N/A		0	0	0.00
25	TOTAL			3,529,823									24,168,273	172,020,813	4.87

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Jun-23

	(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
	PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1	CRYSTAL RIVER	4	732	249,549	47 3	85.67	55.3	10,742	COAL	115,308 TONS	23.25	2,680,554	10,584,149	4.24
2	CRYSTAL RIVER	5	712	15,250	3.0	91.67	64.9	10,400	COAL	6,822 TONS	23.25	158,593	1,137,141	7.46
3	ANCLOTE	1	517	76,134	20 5	92.67	21.9	11,645	GAS	886,583 MCF	1.00	886,583	5,913,304	7.77
4	ANCLOTE	2	521	0	0.0	94.67	0.0	0	GAS	0 MCF	0.00	0	570,754	0.00
5	BARTOW	1-4	1,279	83	0 0	52 33	2.7	14,235	GAS	1,176 MCF	1.00	1,176	8,599	10.41
6	BARTOWCC	1	1279	641,051	69.6	95 33	73.0	7,386	GAS	4,734,834 MCF	1.00	4,734,834	34,628,385	5.40
7	CITRUS CC	1-2	1640	1,081,863	91.6	95 50	96.0	6,518	GAS	7,051,237 MCF	1.00	7,051,237	51,569,485	4.77
8	DEBARY	1-10	785	779	0 3	79 37	7.9	13,147	GAS	10,241 MCF	1.00	10,241	74,894	9.61
9	HINES	1-4	2,204	1,154,209	73 0	95 84	76.3	7,291	GAS	8,415,001 MCF	1.00	8,415,001	61,543,423	5.33
10	INT CITY	1-14	1,186	1,578	0.3	76.71	6.0	13,105	GAS	20,686 MCF	1.00	20,686	151,289	9.58
11	OSPREY	1	505	209,908	57.7	96.62	98.3	7,658	GAS	1,607,517 MCF	1.00	1,607,517	11,756,634	5.60
12	SUWANNEE CT	1-3	200	157	0.2	82 83	21.8	13,502	GAS	2,116 MCF	1.00	2,116	15,475	9.87
13	TIGER BAY	1	225	115,816	71.5	93 00	88.1	7,459	GAS	863,824 MCF	1.00	863,824	6,317,609	5.45
14	UNIV OF FLA.	1	47	29,568	87.4	93 33	93.6	9,380	GAS	277,349 MCF	1.00	277,349	2,056,139	6.95
15	BARTOW	1-4	228	90	0.1	52 33	15.1	15,480	LIGHT OIL	239 BBLS	5.83	1,393	33,036	36.71
16	BARTOW CC	1	1,279	0	69.6	95 33	73.0	0	LIGHT OIL	0 BBLS	5.83	0	0	0 00
17	BAYBORO	1-4	231	154	0.1	93 58	16.6	13,854	LIGHT OIL	366 BBLS	5.83	2,128	46,721	30.42
18	DEBARY	1-10	785	712	0 3	79 37	7.9	13,410	LIGHT OIL	1,641 BBLS	5.83	9,552	204,171	28.66
19	HINESCC	1-4	2,204	3,639	73 0	95 84	76.3	7,099	LIGHT OIL	4,434 BBLS	5.83	25,835	527,284	14.49
20	OTHER		0	0	0.0	0 00	0 0	0	LIGHT OIL	0 BBLS	5.83	0	0	0 00
21	INT CITY	1-14	1,186	1,210	0.3	76.71	6.0	12,930	LIGHT OIL	2,685 BBLS	5.83	15,647	293,043	24 22
22	SUWANNEE CT	1-3	200	105	0.2	82 83	52.5	13,441	LIGHT OIL	243 BBLS	5.83	1,411	31,779	30 27
23	OTHER - START UP	0	-	0	-	0 00	0.0	0	LIGHT OIL	1,069 BBLS	5.83	6,225	191,783	0 00
24	SOLAR	1	1190	275,858	32 2	0 00	57.7	0	SOLAR	0 N/A		0	0	0.00
25	TOTAL			3,857,713								26,771,902	187,655,097	4.86

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Jul-23

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVA L FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	4	732	293,914	54.0	90.65	59.6	10,636	COAL	134,619 TONS	23.22	3,126,186	12,130,483	4.13
2 CRYSTAL RIVER	5	712	73,857	13.9	87.42	60.3	10,446	COAL	33,222 TONS	23 22	771,489	3,382,882	4.58
3 ANCLOTE	1	517	18,167	4.7	93.87	32.8	11,120	GAS	202,019 MCF	1 00	202,019	1,957,387	10.77
4 ANCLOTE	2	521	74,103	19.1	90.65	21.1	12,867	GAS	953,490 MCF	1 00	953,490	6,521,069	8.80
5 BARTOW	1-4	1,279	108	0.0	89.76	2.2	15,459	GAS	1,675 MCF	1 00	1,675	12,291	11 34
6 BARTOWCC	1	1279	655,040	68.8	92.90	74.1	7,385	GAS	4,837,621 MCF	1 00	4,837,621	35,495,679	5.42
7 CITRUS CC	1-2	1640	1,121,854	91.9	94.84	97.0	6,514	GAS	7,307,455 MCF	1 00	7,307,455	53,617,909	4.78
8 DEBARY	1-10	785	973	0.3	80.06	8.5	12,969	GAS	12,619 MCF	1 00	12,619	92,588	9 52
9 H NES	1-4	2,204	1,218,491	74.5	96.13	77.9	7,282	GAS	8,873,231 MCF	1 00	8,873,231	65,106,666	5.34
10 INT CITY	1-14	1,186	1,683	0.2	78.50	5.7	13,138	GAS	22,113 MCF	1 00	22,113	162,258	9.64
11 OSPREY	1	505	228,471	60.8	95.17	96.3	7,626	GAS	1,742,234 MCF	1 00	1,742,234	12,783,511	5.60
12 SUWANNEE CT	1-3	200	189	0.2	81.29	24.5	13,517	GAS	2,553 MCF	1 00	2,553	18,729	9.92
13 TIGER BAY	1	225	121,001	72.3	91.94	88.5	7,464	GAS	903,110 MCF	1.00	903,110	6,626,499	5.48
14 UNIV OF FLA.	1	47	31,363	89.7	95.81	93.6	9,372	GAS	293,921 MCF	1 00	293,921	2,186,018	6.97
15 BARTOW	1-4	228	170	0.2	89.76	12.2	16,433	LIGHT OIL	481 BBLS	5 82	2,801	61,934	36 34
16 BARTOW CC	1	1,279	0	68.8	92.90	74.1	0	LIGHT OIL	0 BBLS	5 82	0	0	0 00
17 BAYBORO	1-4	231	162	0.1	93.23	17.6	13,849	LIGHT OIL	387 BBLS	5 82	2,249	49,226	30 31
18 DEBARY	1-10	785	769	0.3	80.06	8.5	13,338	LIGHT OIL	1,761 BBLS	5 82	10,254	218,045	28 36
19 H NESCC	1-4	2,204	3,744	74.5	96.13	77.9	7,092	LIGHT OIL	4,557 BBLS	5 82	26,551	552,253	14.75
20 OTHER		0	0	0.0	0.00	0 0	0	LIGHT OIL	0 BBLS	5 82	0	0	0 00
21 INT CITY	1-14	1,186	0	0.0	78.50	0.0	0	LIGHT OIL	0 BBLS	5 82	0	9,394	0 00
22 SUWANNEE CT	1-3	200	105	0.2	81.29	52.5	13,454	LIGHT OIL	243 BBLS	5 82	1,413	31,872	30 35
23 OTHER - START UP	0	-	0	-	0.00	0.0	0	LIGHT OIL	2,280 BBLS	5 82	13,280	382,602	0 00
24 SOLAR	1	1190	272,688	30.8	0.00	55.1	0	SOLAR	0 N/A		0	0	0 00
25 TOTAL			4,116,853								29,106,264	201,399,295	4 89

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Aug-23

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	4	732	83,910	15.4	90.97	59.1	10,643	COAL	38,493 TONS	23 20	893,060	3,808,405	4.54
2 CRYSTAL RIVER	5	712	259,219	48 9	88.06	55.6	10,513	COAL	117,463 TONS	23.20	2,725,209	10,563,643	4.08
3 ANCLOTE	1	517	33,502	8.7	87.42	26.6	11,386	GAS	381,462 MCF	1 00	381,462	3,155,605	9.42
4 ANCLOTE	2	521	75,389	19.4	88.06	21.8	12,763	GAS	962,179 MCF	1 00	962,179	6,678,810	8.86
5 BARTOW	1-4	1,279	143	0.0	89.92	2.8	14,264	GAS	2,044 MCF	1 00	2,044	14,963	10.44
6 BARTOWCC	1	1279	660,952	69 5	94.84	73.3	7,386	GAS	4,881,598 MCF	1.00	4,881,598	35,729,529	5.41
7 CITRUS CC	1-2	1640	1,122,353	92 0	95.32	96.5	6,516	GAS	7,312,747 MCF	1.00	7,312,747	53,523,665	4.77
8 DEBARY	1-10	785	3,494	0.7	79.84	8.9	12,998	GAS	45,420 MCF	1 00	45,420	332,443	9.51
9 HINES	1-4	2,204	1,203,340	73 6	94.76	77.7	7,306	GAS	8,792,198 MCF	1 00	8,792,198	64,352,094	5.35
10 INT CITY	1-14	1,186	6,594	0.7	91.82	6.1	13,056	GAS	86,094 MCF	1 00	86,094	630,138	9.56
11 OSPREY	1	505	218,340	58.1	95.14	95.7	7,649	GAS	1,670,190 MCF	1 00	1,670,190	12,224,500	5.60
12 SUWANNEE CT	1-3	200	601	0 5	84.68	22.3	13,685	GAS	8,226 MCF	1 00	8,226	60,210	10.02
13 TIGER BAY	1	225	112,164	67 0	87.10	88.2	7,469	GAS	837,757 MCF	1.00	837,757	6,131,737	5.47
14 UNIV OF FLA.	1	47	31,363	89.7	95.81	93.6	9,371	GAS	293,889 MCF	1 00	293,889	2,180,428	6.95
15 BARTOW	1-4	228	184	0.2	89 92	16.0	15,833	LIGHT OIL	501 BBLS	5 82	2,918	64,349	34.91
16 BARTOW CC	1	1,279	0	69.5	94.84	73.3	0	LIGHT O L	0 BBLS	5 82	0	0	0.00
17 BAYBORO	1-4	231	163	0.1	93.87	17.6	13,840	LIGHT OIL	386 BBLS	5 82	2,249	49,342	30.36
18 DEBARY	1-10	785	755	0.7	79.84	8.9	13,337	LIGHT O L	1,729 BBLS	5 82	10,064	214,284	28.40
19 HINESCC	1-4	2,204	3,652	73 6	94.76	77.7	7,100	LIGHT OIL	4,450 BBLS	5 82	25,927	548,997	15.03
20 OTHER		0	0	0.0	0.00	0.0	0	LIGHT OIL	0 BBLS	5 82	0	0	0.00
21 INT CITY	1-14	1,186	0	0 0	91.82	0.0	0	LIGHT O L	0 BBLS	5 82	0	9,394	0.00
22 SUWANNEE CT	1-3	200	114	0 5	84.68	56.8	13,566	LIGHT OIL	265 BBLS	5 82	1,540	34,616	30.49
23 OTHER - START UP	0	-	0	-	0.00	0.0	0	LIGHT OIL	1,567 BBLS	5 82	9,130	260,302	0.00
24 SOLAR	1	1190	260,155	29.4	0.00	54.2	0	SOLAR	0 N/A		0	0	0.00
25 TOTAL			4,076,387								28,943,901	200,567,454	4.92

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Sep-23

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
	PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVA L FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1	CRYSTAL RIVER 4	732	46,735	8.9	93.33	65.8	10,515	COAL	21,199 TONS	23.18	491,404	2,312,713	4.95
2	CRYSTAL RIVER 5	712	243,221	47.4	87.01	54.3	10,531	COAL	110,495 TONS	23.18	2,561,369	9,892,864	4.07
3	ANCLOTE 1	517	7,150	1.9	93.00	35.5	11,340	GAS	81,079 MCF	1.00	81,079	1,121,520	15.69
4	ANCLOTE 2	521	68,974	18.4	89.33	20.3	12,952	GAS	893,322 MCF	1.00	893,322	6,004,728	8.71
5	BARTOW 1-4	1,279	132	0.0	89.58	2.5	14,387	GAS	1,897 MCF	1.00	1,897	13,876	10.52
6	BARTOWCC 1	1279	643,039	69.8	96.00	72.7	7,387	GAS	4,749,936 MCF	1.00	4,749,936	34,738,510	5.40
7	CITRUS CC 1-2	1640	1,088,735	92.2	95.67	96.4	6,514	GAS	7,092,322 MCF	1.00	7,092,322	51,869,479	4.76
8	DEBARY 1-10	785	999	0.3	79.73	8.0	13,149	GAS	13,130 MCF	1.00	13,130	96,024	9.62
9	HINES 1-4	2,204	1,120,440	70.8	93.99	76.9	7,293	GAS	8,171,387 MCF	1.00	8,171,387	59,761,187	5.33
10	INT CITY 1-14	1,186	2,516	0.4	89.88	5.9	13,175	GAS	33,149 MCF	1.00	33,149	242,442	9.64
11	OSPREY 1	505	204,014	56.1	95.95	96.4	7,658	GAS	1,562,299 MCF	1.00	1,562,299	11,425,826	5.60
12	SUWANNEE CT 1-3	200	143	0.2	63.00	23.2	13,651	GAS	1,946 MCF	1.00	1,946	14,235	9.99
13	TIGER BAY 1	225	107,601	66.4	89.67	88.2	7,460	GAS	802,697 MCF	1.00	802,697	5,870,498	5.46
14	UNIV OF FLA. 1	47	30,835	91.1	97.33	93.6	9,368	GAS	288,850 MCF	1.00	288,850	2,141,383	6.94
15	BARTOW 1-4	228	187	0.2	89.58	14.0	15,971	LIGHT OIL	513 BBLS	5.81	2,981	65,637	35.17
16	BARTOW CC 1	1,279	0	69.8	96.00	72.7	0	LIGHT OIL	0 BBLS	5.81	0	0	0 00
17	BAYBORO 1-4	231	154	0.1	93.84	16.6	13,858	LIGHT OIL	366 BBLS	5.81	2,130	46,963	30 55
18	DEBARY 1-10	785	697	0.3	79.73	8.0	13,440	LIGHT OIL	1,608 BBLS	5.81	9,362	200,410	28.77
19	H NESCC 1-4	2,204	3,464	70.8	93.99	76.9	7,101	LIGHT OIL	4,223 BBLS	5.81	24,600	529,134	15.27
20	OTHER	0	0	0.0	0.00	0.0	0	LIGHT OIL	0 BBLS	5.81	0	0	0 00
21	INT CITY 1-14	1,186	1,319	0.4	89.88	5.9	12,991	LIGHT OIL	2,942 BBLS	5.81	17,139	324,646	24.61
22	SUWANNEE CT 1-3	200	90	0.2	63.00	44.9	13,513	LIGHT OIL	208 BBLS	5.81	1,214	27,826	30 97
23	OTHER - START UP 0	-	0	-	0.00	0.0	0	LIGHT OIL	1,781 BBLS	5.81	10,375	286,957	0.00
24	SOLAR 1	1190	238,095	27.8	0.00	52.8	0	SOLAR	0 N/A		0	0	0.00
25	TOTAL		3,808,538								26,812,588	186,986,858	4.91

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Oct-23

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	4	732	163,497	30 0	94.19	57.7	10,681	COAL	75,390 TONS	23.16	1,746,267	6,868,568	4.20
2 CRYSTAL RIVER	5	712	0	0 0	0.00	0.0	0	COAL	0 TONS	0.00	0	512,912	0.00
3 ANCLOTE	1	517	18,493	4 8	87.10	27.7	11,341	GAS	209,728 MCF	1.00	209,728	1,901,213	10.28
4 ANCLOTE	2	521	55,638	14.4	91.61	22.4	12,729	GAS	708,242 MCF	1.00	708,242	4,911,241	8.83
5 BARTOW	1-4	1,279	202	0 0	90.00	2.4	15,164	GAS	3,068 MCF	1.00	3,068	22,768	11.25
6 BARTOWCC	1	1279	569,191	59 8	88.46	62.6	7,558	GAS	4,301,667 MCF	1.00	4,301,667	31,923,618	5.61
7 CITRUS CC	1-2	1640	1,090,378	89.4	94.04	95 0	6,525	GAS	7,114,728 MCF	1.00	7,114,728	52,799,954	4 84
8 DEBARY	1-10	785	943	0 3	80.16	7.2	13,568	GAS	12,799 MCF	1.00	12,799	94,979	10.07
9 HINES	1-4	2,204	889,821	54 5	70.81	77 2	7,204	GAS	6,409,878 MCF	1.00	6,409,878	47,569,103	5.35
10 INT CITY	1-14	1,186	3,277	0.4	81.67	5.3	13,584	GAS	44,512 MCF	1.00	44,512	330,336	10.08
11 OSPREY	1	505	186,785	49.7	96.13	94 6	7,700	GAS	1,438,282 MCF	1.00	1,438,282	10,673,806	5.71
12 SUWANNEE CT	1-3	200	104	0.1	46.41	17.2	14,575	GAS	1,510 MCF	1.00	1,510	11,207	10 82
13 TIGER BAY	1	225	95,346	57 0	90.00	87.9	7,502	GAS	715,319 MCF	1.00	715,319	5,308,536	5.57
14 UNIV OF FLA.	1	47	14,256	40 8	41.59	93 6	9,390	GAS	133,864 MCF	1.00	133,864	1,006,817	7.06
15 BARTOW	1-4	228	201	0 2	90.00	13 6	16,357	LIGHT O L	565 BBLS	5.82	3,289	71,984	35.80
16 BARTOW CC	1	1,279	0	59 8	88.46	62.6	0	LIGHT OIL	0 BBLS	5.82	0	0	0.00
17 BAYBORO	1-4	231	158	0.1	93.79	17.1	13,854	LIGHT OIL	376 BBLS	5.82	2,189	48,234	30.53
18 DEBARY	1-10	785	697	0 3	80.16	7.2	13,804	LIGHT OIL	1,654 BBLS	5.82	9,627	205,659	29.49
19 HINESCC	1-4	2,204	3,555	54 5	70.81	77.2	7,117	LIGHT OIL	4,343 BBLS	5.82	25,304	548,623	15.43
20 OTHER		0	0	0 0	0.00	0.0	0	LIGHT OIL	0 BBLS	5 82	0	0	0.00
21 INT CITY	1-14	1,186	0	0 0	81.67	0.0	0	LIGHT OIL	0 BBLS	5.82	0	9,394	0.00
22 SUWANNEE CT	1-3	200	69	0.1	46.41	34.3	13,965	LIGHT O L	165 BBLS	5.82	958	22,490	32.78
23 OTHER - START UP	0	-	0	-	0.00	0.0	0	LIGHT OIL	712 BBLS	5.82	4,150	120,153	0.00
24 SOLAR	1	1190	226,676	25 6	0.00	51.1	0	SOLAR	0 N/A		0	0	0.00
25 TOTAL			3,319,288								22,885,381	164,961,595	4.97

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Nov-23

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVA L FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	4	732	143,627	27.3	95.00	52 3	10,553	COAL	65,480 TONS	23.15	1,515,719	6,029,485	4.20
2 CRYSTAL RIVER	5	712	0	0.0	0.00	0 0	0	COAL	0 TONS	0.00	0	542,742	0.00
3 ANCLOTE	1	517	12,985	3.5	92.33	20 9	11,751	GAS	152,585 MCF	1.00	152,585	1,186,491	9.14
4 ANCLOTE	2	521	11,366	3.0	91.67	19 5	12,633	GAS	143,581 MCF	1.00	143,581	1,130,582	9.95
5 BARTOW	1-4	1,279	221	0.0	83.88	2.7	14,621	GAS	3,235 MCF	1.00	3,235	25,310	11.44
6 BARTOWCC	1	1279	175,234	19.0	40.92	20 0	11,487	GAS	2,012,913 MCF	1.00	2,012,913	15,748,168	8.99
7 CITRUS CC	1-2	1640	995,120	84.3	80.33	88.4	6,490	GAS	6,458,011 MCF	1.00	6,458,011	50,524,697	5.08
8 DEBARY	1-10	785	4,349	0.9	70.81	8 5	13,524	GAS	58,820 MCF	1.00	58,820	460,183	10.58
9 H NES	1-4	2,204	920,655	58.1	68.55	84 5	7,104	GAS	6,539,939 MCF	1.00	6,539,939	51,165,673	5.56
10 INT CITY	1-14	1,186	848	0.1	93.76	5 6	13,365	GAS	11,327 MCF	1.00	11,327	88,615	10.46
11 OSPREY	1	505	144,040	39.6	94.47	92 6	7,640	GAS	1,100,442 MCF	1.00	1,100,442	8,609,387	5.98
12 SUWANNEE CT	1-3	200	849	0.7	61.45	24.4	13,633	GAS	11,578 MCF	1.00	11,578	90,579	10.67
13 TIGER BAY	1	225	87,323	53.9	90.67	98 0	7,477	GAS	652,879 MCF	1.00	652,879	5,107,843	5.85
14 UNIV OF FLA.	1	47	34,560	102.1	96.00	106.4	9,391	GAS	324,558 MCF	1.00	324,558	2,571,654	7.44
15 BARTOW	1-4	228	221	0.3	83.88	14 9	15,315	LIGHT O L	581 BBLS	5.83	3,387	73,986	33.46
16 BARTOW CC	1	1,279	0	19.0	40.92	20 0	0	LIGHT O L	0 BBLS	5.83	0	0	0.00
17 BAYBORO	1-4	231	226	0.1	93.92	24 5	13,389	LIGHT O L	520 BBLS	5.83	3,026	65,346	28.91
18 DEBARY	1-10	785	830	0.9	70.81	8 5	13,230	LIGHT O L	1,884 BBLS	5.83	10,979	232,372	28.00
19 H NESCC	1-4	2,204	1,715	58.1	68.55	84 5	7,118	LIGHT O L	2,095 BBLS	5.83	12,207	283,019	16.50
20 OTHER		0	0	0.0	0.00	0 0	0	LIGHT O L	0 BBLS	5.83	0	0	0.00
21 INT CITY	1-14	1,186	20	0.1	93.76	0 0	14,250	LIGHT O L	49 BBLS	5.83	285	14,630	73.15
22 SUWANNEE CT	1-3	200	174	0.7	61.45	86 9	13,634	LIGHT O L	407 BBLS	5.83	2,370	52,196	30.03
23 OTHER - START UP	0	-	0	-	0.00	0 0	0	LIGHT O L	499 BBLS	5.83	2,905	86,753	0.00
24 SOLAR	1	1190	191,913	22.4	0.00	45 2	0	SOLAR	0 N/A		0	0	0.00
25 TOTAL			2,726,275								19,020,746	144,089,711	5.29

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Dec-23

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	4	732	81,162	14.9	94.19	48.4	10,655	COAL	37,381 TONS	23.13	864,777	3,655,566	4 50
2 CRYSTAL RIVER	5	712	4,989	0.9	65 93	50.1	10,331	COAL	2,228 TONS	23.13	51,540	725,820	14 55
3 ANCLOTE	1	517	0	0.0	91 29	0.0	0	GAS	0 MCF	0.00	0	76,508	0 00
4 ANCLOTE	2	521	7,202	1.9	90 32	16.3	13,731	GAS	98,890 MCF	1.00	98,890	716,032	9 94
5 BARTOW	1-4	1,279	221	0.0	75.16	1.9	17,501	GAS	3,864 MCF	1.00	3,864	30,974	14 03
6 BARTOWCC	1	1279	510,279	53.6	81.44	56.1	7,539	GAS	3,846,978 MCF	1.00	3,846,978	30,830,903	6 04
7 CITRUS CC	1-2	1640	1,019,129	83.5	80 00	88.4	6,493	GAS	6,617,173 MCF	1.00	6,617,173	53,032,131	5 20
8 DEBARY	1-10	785	3,686	0.8	76 61	8.0	13,765	GAS	50,736 MCF	1.00	50,736	406,610	11 03
9 HINES	1-4	2,204	946,268	57.9	83 98	81.0	7,084	GAS	6,703,183 MCF	1.00	6,703,183	53,721,440	5 68
10 NT CITY	1-14	1,186	2,468	0.5	94 56	6.4	13,069	GAS	32,257 MCF	1.00	32,257	258,515	10.47
11 OSPREY	1	505	100,523	26.8	93 33	90.1	7,698	GAS	773,839 MCF	1.00	773,839	6,201,789	6.17
12 SUWANNEE CT	1-3	200	1,748	1.3	85 65	24.2	13,646	GAS	23,851 MCF	1.00	23,851	191,151	10 94
13 TIGER BAY	1	225	49,003	29.3	91 29	98.1	7,440	GAS	364,601 MCF	1.00	364,601	2,922,027	5 96
14 UNIV OF FLA.	1	47	35,520	101.6	95.48	106.4	9,394	GAS	333,660 MCF	1.00	333,660	2,707,421	7 62
15 BARTOW	1-4	228	152	0.2	75.16	10.9	16,873	LIGHT OIL	440 BBLS	5.83	2,565	57,097	37 56
16 BARTOW CC	1	1,279	0	53.6	81.44	56.1	0	LIGHT OIL	0 BBLS	5.83	0	0	0.00
17 BAYBORO	1-4	231	219	0.1	92 98	23.7	13,747	LIGHT OIL	516 BBLS	5.83	3,005	64,973	29.72
18 DEBARY	1-10	785	898	0.8	76 61	8.0	13,308	LIGHT OIL	2,052 BBLS	5.83	11,955	251,642	28.01
19 HINESCC	1-4	2,204	2,845	57.9	83 98	81.0	7,075	LIGHT OIL	3,456 BBLS	5.83	20,132	446,593	15.70
20 OTHER		0	0	0.0	0 00	0.0	0	LIGHT OIL	0 BBLS	5.83	0	0	0.00
21 NT CITY	1-14	1,186	1,837	0.5	94 56	6.4	12,773	LIGHT OIL	4,029 BBLS	5.83	23,469	446,682	24.31
22 SUWANNEE CT	1-3	200	139	1.3	85 65	69.4	13,635	LIGHT OIL	326 BBLS	5.83	1,893	42,198	30 39
23 OTHER - START UP	0	-	0	-	0 00	0.0	0	LIGHT OIL	285 BBLS	5.83	1,660	54,060	0.00
24 SOLAR	1	1190	162,777	18.4	0 00	35.0	0	SOLAR	0 N/A		0	0	0 00
25 TOTAL			2,931,065								19,830,028	156,840,132	5 35

Duke Energy Florida, LLC
Inventory Analysis
Estimated for the Period of : January 2023 through December 2023

			Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Subtotal
	LIGHT OIL								
1	PURCHASES:								
2	UNITS	BBL	9,548	9,139	12,047	7,089	8,207	10,677	56,707
3	UNIT COST	$/BBL	117 28	119.69	123.89	134 88	130 85	124.36	124.57
4	AMOUNT	$	1,119,759	1,093,850	1,492,530	956,190	1,073,858	1,327,817	7,064,004
5	BURNED:								
6	UNITS	BBL	9,548	9,139	12,047	7,089	8,207	10,677	56,707
7	UNIT COST	$/BBL	117 28	119.69	123.89	134 88	130.85	124.36	124.57
8	AMOUNT	$	1,119,759	1,093,850	1,492,530	956,190	1,073,858	1,327,817	7,064,004
9	ENDING INVENTORY:								
10	UNITS	BBL	432,176	432,176	432,176	432,176	432,176	432,176	
11	UNIT COST	$/BBL	112 03	112.03	112.03	112 03	112.03	112.03	
12	AMOUNT	$	48,417,459	48,417,459	48,417,459	48,417,459	48,417,459	48,417,459	
	COAL								
13	PURCHASES:								
14	UNITS	TON	167,839	111,791	117,459	110,992	113,295	122,130	743,506
15	UNIT COST	$/TON	98.60	100.60	99.17	98.60	97.47	95.97	98.39
16	AMOUNT	$	16,548,991	11,246,041	11,648,033	10,944,207	11,043,342	11,721,290	73,151,904
17	BURNED:								
18	UNITS	TON	167,839	111,791	117,459	110,992	113,295	122,130	743,506
19	UNIT COST	$/TON	98.60	100.60	99.17	98.60	97.47	95.97	98.39
20	AMOUNT	$	16,548,991	11,246,041	11,648,033	10,944,207	11,043,342	11,721,290	73,151,904
21	ENDING INVENTORY:								
22	UNITS	TON	390,319	390,319	390,319	390,319	390,319	390,319	
23	UNIT COST	$/TON	75 87	75.87	75.87	75 87	75.87	75.87	
24	AMOUNT	$	29,611,570	29,611,570	29,611,570	29,611,570	29,611,570	29,611,570	
	GAS								
25	BURNED:								
26	UNITS	MCF	16,902,602	15,357,495	16,229,444	16,853,867	21,483,786	23,870,564	110,697,758
27	UNIT COST	$/MCF	10 81	10.51	9.74	7.74	7.44	7.31	8.74
28	AMOUNT	$	182,756,392	161,383,000	158,055,907	130,447,213	159,903,613	174,605,990	967,152,115

Duke Energy Florida, LLC
Inventory Analysis
Estimated for the Period of : January 2023 through December 2023

			Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total
	LIGHT OIL								
1	PURCHASES:								
2	UNITS	BBL	9,709	8,898	11,641	7,815	6,035	11,104	111,909
3	UNIT COST	$/BBL	134.44	132.76	127.27	131 35	133.94	122.77	127.16
4	AMOUNT	$	1,305,326	1,181,284	1,481,573	1,026,537	808,302	1,363,245	14,230,271
5	BURNED:								
6	UNITS	BBL	9,709	8,898	11,641	7,815	6,035	11,104	111,909
7	UNIT COST	$/BBL	134.44	132.76	127.27	131 35	133.94	122.77	127.16
8	AMOUNT	$	1,305,326	1,181,284	1,481,573	1,026,537	808,302	1,363,245	14,230,271
9	ENDING INVENTORY:								
10	UNITS	BBL	432,176	432,176	432,176	432,176	432,176	432,176	
11	UNIT COST	$/BBL	112 03	112.03	112.03	112 03	112.03	112.03	
12	AMOUNT	$	48,417,459	48,417,459	48,417,459	48,417,459	48,417,459	48,417,459	
	COAL								
13	PURCHASES:								
14	UNITS	TON	167,841	155,956	131,694	75,390	65,480	39,609	1,379,476
15	UNIT COST	$/TON	92.43	92.15	92.68	97 91	100.37	110.62	96.83
16	AMOUNT	$	15,513,365	14,372,048	12,205,577	7,381,480	6,572,227	4,381,386	133,577,987
17	BURNED:								
18	UNITS	TON	167,841	155,956	131,694	75,390	65,480	39,609	1,379,476
19	UNIT COST	$/TON	92.43	92.15	92.68	97 91	100.37	110.62	96.83
20	AMOUNT	$	15,513,365	14,372,048	12,205,577	7,381,480	6,572,227	4,381,386	133,577,987
21	ENDING INVENTORY:								
22	UNITS	TON	390,319	390,319	390,319	390,319	390,319	390,319	
23	UNIT COST	$/TON	75 87	75.87	75.87	75 87	75.87	75.87	
24	AMOUNT	$	29,611,570	29,611,570	29,611,570	29,611,570	29,611,570	29,611,570	
	GAS								
25	BURNED:								
26	UNITS	MCF	25,152,041	25,273,804	23,692,014	21,093,597	17,469,868	18,849,032	242,228,114
27	UNIT COST	$/MCF	7 34	7.32	7.31	7.42	7.83	8.02	8.07
28	AMOUNT	$	184,580,604	185,014,122	173,299,708	156,553,578	136,709,182	151,095,501	1,954,404,810

Duke Energy Florida, LLC
Fuel Cost of Power Sold
Estimated for the Period of : January 2023 through December 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
				MWH		C/KWH				REFUNDABLE
MONTH	SOLD TO	TYPE & SCHED	TOTAL MWH SOLD	WHEELED FROM OTHER SYSTEMS	MWH FROM OWN GENERATION	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJ (6) x (7)(A)	TOTAL COST $ (6) x (7)(B)	GAIN ON POWER SALES $
Jan-23	ECONSALE	--	46,084		46,084	7.201	9.057	3,318,376	4,173,845	855,469
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	28,256		28,256	9.562	9.562	2,701,912	2,701,912	0
	TOTAL		74,339		74,339	8.098	9.249	6,020,288	6,875,757	855,469
Feb-23	ECONSALE	--	30,868		30,868	6.818	8.575	2,104,488	2,647,019	542,531
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	28,089		28,089	9.391	9.391	2,637,815	2,637,815	0
	TOTAL		58,957		58,957	8.044	8.964	4,742,303	5,284,834	542,531
Mar-23	ECONSALE	--	39,358		39,358	6.120	7.698	2,408,702	3,029,659	620,957
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	37,923		37,923	7.781	7.781	2,950,847	2,950,847	0
	TOTAL		77,281		77,281	6.935	7.739	5,359,549	5,980,506	620,957
Apr-23	ECONSALE	--	9,952		9,952	5.601	7.045	557,390	701,084	143,694
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	54,073		54,073	5.115	5.115	2,765,751	2,765,751	0
	TOTAL		64,024		64,024	5.190	5.415	3,323,141	3,466,835	143,694
May-23	ECONSALE	--	25,734		25,734	5.650	7.106	1,453,883	1,828,690	374,807
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	(31,574)	(31,574)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	53,452		53,452	5.608	5.608	2,997,403	2,997,403	0
	TOTAL		79,187		79,187	5.621	6.055	4,451,286	4,794,519	343,233
Jun-23	ECONSALE	--	1,101		1,101	5.905	7.427	65,014	81,774	16,760
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	(3,352)	(3,352)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	72,937		72,937	5.071	5.071	3,698,474	3,698,474	0
	TOTAL		74,038		74,038	5.083	5.101	3,763,488	3,776,896	13,408
Jan	ECONSALE	--	153,096		153,096	6.472	8.140	9,907,853	12,462,071	2,554,218
THRU	ECONOMY	C	0		0	0.000	0.000	0	0	0
Jun-23	EXCESS GAIN	--	0		0	0.000	0.000	0	(34,926)	(34,926)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	274,730		274,730	6461.692	6461.692	17,752,202	17,752,202	0
	TOTAL		427,826		427,826	6.465	7.054	27,660,055	30,179,347	2,519,292

Duke Energy Florida, LLC
Fuel Cost of Power Sold
Estimated for the Period of : January 2023 through December 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
				MWH		C/KWH				REFUNDABLE
MONTH	SOLD TO	TYPE & SCHED	TOTAL MWH SOLD	WHEELED FROM OTHER SYSTEMS	MWH FROM OWN GENERATION	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJ (6) x (7)(A)	TOTAL COST $ (6) x (7)(B)	GAIN ON POWER SALES $
Jul-23	ECONSALE	--	1,157		1,157	5.877	7.392	68,001	85,532	17,531
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	(3,506)	(3,506)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	85,480		85,480	5.108	5.108	4,365,953	4,365,953	0
	TOTAL		86,637		86,637	5.118	5.134	4,433,954	4,447,979	14,025
Aug-23	ECONSALE	--	2,021		2,021	6.817	8.575	137,773	173,290	35,517
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	(7,103)	(7,103)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	75,583		75,583	5.156	5.156	3,897,370	3,897,370	0
	TOTAL		77,604		77,604	5.200	5.236	4,035,143	4,063,557	28,414
Sep-23	ECONSALE	--	2,977		2,977	5.626	7.077	167,512	210,696	43,184
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	(8,637)	(8,637)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	67,814		67,814	5.207	5.207	3,531,383	3,531,383	0
	TOTAL		70,791		70,791	5.225	5.274	3,698,895	3,733,442	34,547
Oct-23	ECONSALE	--	17,809		17,809	5.121	6.441	912,048	1,147,171	235,123
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	(47,025)	(47,025)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	79,807		79,807	5.126	5.126	4,090,831	4,090,831	0
	TOTAL		97,616		97,616	5.125	5.318	5,002,879	5,190,977	188,098
Nov-23	ECONSALE	--	28,105		28,105	5.166	6.497	1,451,821	1,826,096	374,275
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	(74,855)	(74,855)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	59,986		59,986	5.471	5.471	3,282,090	3,282,090	0
	TOTAL		88,091		88,091	5.374	5.714	4,733,911	5,033,331	299,420
Dec-23	ECONSALE	--	21,611		21,611	4.746	5.970	1,025,695	1,290,117	264,422
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	(52,884)	(52,884)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	85,295		85,295	5.549	5.549	4,733,067	4,733,067	0
	TOTAL		106,906		106,906	5.387	5.585	5,758,762	5,970,300	211,538
Jan-23	ECONSALE	--	226,777		226,777	6.028	7.582	13,670,703	17,194,973	3,524,270
THRU	ECONOMY	C	0		0	0.000	0.000	0	0	0
Dec-23	EXCESS GAIN	--	0		0	0.000	0.000	0	(228,937)	(228,937)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	728,695		728,695	5.716	5.716	41,652,897	41,652,897	0
	TOTAL		955,472		955,472	5.790	6.135	55,323,600	58,618,933	3,295,333

Duke Energy Florida, LLC
Purchased Power
(Exclusive of Economy & QF Purchases)
Estimated for the Period of : January 2023 through December 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
MONTH	NAME OF PURCHASE	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR OTHER UTILITIES	MWH FOR NTERRUPTIBLE	MWH FOR FIRM	C/KWH (A) FUEL COST	C/KWH (B) TOTAL COST	TOTAL $ FOR FUEL ADJ (7) x (8)(B)
Jan-23	OTHER	--	0			0	0.000	0 000	0
	SHADY H LLS	--	30			30	30.437	30.437	8,979
	SOCO Franklin	--	0			0	0.000	0 000	0
	Vandolah (NSG)	--	3,062			3,062	15.028	15 028	460,136
	TOTAL		3 091	0	0	3 091	15.175	15.175	469 115
Feb-23	OTHER	--	0			0	0.000	0 000	0
	SHADY H LLS	--	0			0	0.000	0 000	3,393
	SOCO Franklin	--	0			0	0.000	0 000	0
	Vandolah (NSG)	--	525			525	22.733	22.733	119,327
	TOTAL		525	0	0	525	23.380	23 380	122,720
Mar-23	OTHER	--	0			0	0.000	0 000	0
	SHADY H LLS	--	1,230			1,230	11.841	11 841	145,684
	SOCO Franklin	--	0			0	0.000	0 000	0
	Vandolah (NSG)	--	4,565			4,565	12.860	12 860	587,084
	TOTAL		5,795	0	0	5,795	12.644	12 644	732,768
Apr-23	OTHER	--	0			0	0.000	0 000	0
	SHADY H LLS	--	11,483			11,483	8.945	8 945	1,027,173
	SOCO Franklin	--	0			0	0.000	0 000	0
	Vandolah (NSG)	--	44,386			44,386	9.273	9 273	4,116,035
	TOTAL		55,869	0	0	55,869	9.206	9 206	5,143,208
May-23	OTHER	--	0			0	0.000	0 000	0
	SHADY H LLS	--	3,102			3,102	13.923	13 923	431,836
	SOCO Franklin	--	0			0	0.000	0 000	0
	Vandolah (NSG)	--	16,765			16,765	10.526	10 526	1,764,759
	TOTAL		19,867	0	0	19,867	11.057	11 057	2,196,595
Jun-23	OTHER	--	0			0	0.000	0 000	0
	SHADY H LLS	--	5,306			5,306	8.817	8 817	467,787
	SOCO Franklin	--	0			0	0.000	0 000	0
	Vandolah (NSG)	--	28,890			28,890	8.880	8 880	2,565,457
	TOTAL		34,195	0	0	34,195	8.870	8 870	3,033,244
Jan-23	OTHER	--	0			0	0.000	0 000	0
THRU	SHADY H LLS	--	21,150			21,150	9.857	9 857	2,084,852
Jun-23	SOCO Franklin	--	0			0	0.000	0 000	0
	Vandolah (NSG)	--	98,193			98,193	9.790	9.790	9,612,798
	TOTAL		119,343	0	0	119,343	9.802	9 802	11,697,650

Duke Energy Florida, LLC
Purchased Power
(Exclusive of Economy & QF Purchases)
Estimated for the Period of : January 2023 through December 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
MONTH	NAME OF PURCHASE	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR OTHER UTILIT ES	MWH FOR INTERRUPT BLE	MWH FOR FIRM	C/KWH (A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJ (7) x (8)(B)
Jul-23	OTHER	--	0			0	0 000	0 000	0
	SHADY H LLS	--	5,259			5,259	8.697	8 697	457,382
	SOCO Franklin	--	0			0	0.000	0 000	0
	Vandolah (NSG)	--	20,338			20,338	8.886	8 886	1,807,201
	TOTAL		25,597	0	0	25,597	8.847	8 847	2,264,583
Aug-23	OTHER	--	0			0	0.000	0 000	0
	SHADY H LLS	--	6,204			6,204	8.788	8.788	545,212
	SOCO Franklin	--	0			0	0.000	0 000	0
	Vandolah (NSG)	--	31,043			31,043	9.323	9 323	2,894,195
	TOTAL		37,247	0	0	37,247	9.234	9 234	3,439,407
Sep-23	OTHER	--	0			0	0.000	0 000	0
	SHADY H LLS	--	1,427			1,427	9.195	9.195	131,192
	SOCO Franklin	--	0			0	0.000	0 000	0
	Vandolah (NSG)	--	25,530			25,530	9.124	9.124	2,329,290
	TOTAL		26,957	0	0	26,957	9.127	9.127	2,460,482
Oct-23	OTHER	--	0			0	0 000	0 000	0
	SHADY H LLS	--	4,353			4,353	8.577	8 577	373,370
	SOCO Franklin	--	0			0	0.000	0 000	0
	Vandolah (NSG)	--	19,060			19,060	9.211	9 211	1,755,575
	TOTAL		23 414	0	0	23 414	9.093	9 093	2 128 945
Nov-23	OTHER	--	0			0	0.000	0 000	0
	SHADY H LLS	--	2,623			2,623	15.499	15.499	406,562
	SOCO Franklin	--	0			0	0.000	0 000	0
	Vandolah (NSG)	--	5,718			5,718	14.167	14.167	810,023
	TOTAL		8,341	0	0	8,341	14 586	14 586	1,216,585
Dec-23	OTHER	--	0			0	0.000	0 000	0
	SHADY H LLS	--	0			0	0.000	0 000	3,393
	SOCO Franklin	--	0			0	0.000	0 000	0
	Vandolah (NSG)	--	1,704			1,704	12.510	12 510	213,167
	TOTAL		1,704	0	0	1,704	12.709	12.709	216,560
Jan-23	OTHER	--	0			0	0 000	0 000	0
THRU	SHADY H LLS	--	41,017			41,017	9.757	9.757	4,001,963
Dec-23	SOCO Franklin	--	0			0	0.000	0 000	0
	Vandolah (NSG)	--	201,586			201,586	9.635	9 635	19,422,249
	TOTAL		242,603	0	0	242,603	9.655	9 655	23,424,212

Duke Energy Florida, LLC
Energy Payments to Qualifying Facilities
Estimated for the Period of : January 2023 through December 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
MONTH	NAME OF PURCHASE	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR OTHER UT LITIES	MWH FOR NTERRUPTIBLE	MWH FOR FIRM	C/KWH (A) ENERGY COST	C/KWH (B) TOTAL COST	TOTAL $ FOR FUEL ADJ (7) x (8)(A)
Jan-23	QUAL. FAC LIT ES	COGEN	236,905			236,905	6.990	20.429	16,559,856
Feb-23	QUAL. FAC LIT ES	COGEN	201,923			201,923	6.910	22.678	13,953,301
Mar-23	QUAL. FAC LIT ES	COGEN	199,878			199,878	7.133	23.062	14,257,870
Apr-23	QUAL. FAC LIT ES	COGEN	198,986			198,986	6.518	22.518	12,969,109
May-23	QUAL. FAC LIT ES	COGEN	229,705			229,705	6.560	20.420	15,068,265
Jun-23	QUAL. FAC LIT ES	COGEN	222,295			222,295	6.576	20.899	14,617,932
Jul-23	QUAL. FAC LIT ES	COGEN	229,705			229,705	6.547	20.407	15,038,060
Aug-23	QUAL. FAC LIT ES	COGEN	229,705			229,705	6.550	20.411	15,046,256
Sep-23	QUAL. FAC LIT ES	COGEN	222,295			222,295	6.544	20.866	14,546,498
Oct-23	QUAL. FAC LIT ES	COGEN	218,545			218,545	6.657	21.226	14,548,932
Nov-23	QUAL. FAC LIT ES	COGEN	226,696			226,696	6.430	20.475	14,576,914
Dec-23	QUAL. FAC LIT ES	COGEN	236,905			236,905	6.396	19.836	15,153,492
TOTAL	QUAL. FAC LIT ES	COGEN	2,653,544			2,653,544	6.645	21.044	176,336,484

Duke Energy Florida, LLC
Economy Energy Purchases
Estimated for the Period of : January 2023 through December 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
				TRANSACTION COST		TOTAL $	COST IF GENERATED		
MONTH	PURCHASE	TYPE & SCHED	TOTAL MWH PURCHASED	ENERGY COST C/KWH	TOTAL COST C/KWH	FOR FUEL ADJ (4) x (5)	(A) C/KWH	(B) $	FUEL SAVINGS (8)(B) - (7)
Jan-23	ECONPURCH	--	10,071	7.747	7.747	780,196	8.893	895,569	115,373
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		10,071	7.747	7.747	780,196	8.893	895,569	115,373
Feb-23	ECONPURCH	--	8,277	7.719	7.719	638,866	8.860	733,330	94,464
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		8,277	7.719	7.719	638,866	8.860	733,330	94,464
Mar-23	ECONPURCH	--	11,231	7.735	7.735	868,757	8.879	997,226	128,469
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		11,231	7.735	7.735	868,757	8.879	997,226	128,469
Apr-23	ECONPURCH	--	19,213	6.285	6.285	1,207,494	7.214	1,386,055	178,561
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		19,213	6.285	6.285	1,207,494	7.214	1,386,055	178,561
May-23	ECONPURCH	--	8,603	6.181	6.181	531,742	7.095	610,374	78,632
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		8,603	6.181	6.181	531,742	7.095	610,374	78,632
Jun-23	ECONPURCH	--	16,732	6.261	6.261	1,047,683	7.187	1,202,612	154,929
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		16,732	6.261	6.261	1,047,683	7.187	1,202,612	154,929
Jan-23 THRU Jun-23	ECONPURCH	--	74,127	6.846	6.846	5,074,738	7.858	5,825,166	750,428
	SEPA	--	0	0.000	0.000	0	-	0	-
	TOTAL		74,127	6.846	6.846	5,074,738	7.858	5,825,166	750,428

Duke Energy Florida, LLC
Economy Energy Purchases
Estimated for the Period of : January 2023 through December 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
				TRANSACTION COST		TOTAL $	COST IF GENERATED		
MONTH	PURCHASE	TYPE & SCHED	TOTAL MWH PURCHASED	ENERGY COST C/KWH	TOTAL COST C/KWH	FOR FUEL ADJ (4) x (5)	(A) C/KWH	(B) $	FUEL SAVINGS (8)(B) - (7)
Jul-23	ECONPURCH	--	16,458	5.986	5.986	985,219	6.872	1,130,917	145,698
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		16,458	5.986	5.986	985,219	6.872	1,130,917	145,698
Aug-23	ECONPURCH	--	16,995	6.643	6.643	1,129,034	7.626	1,295,992	166,958
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		16,995	6.643	6.643	1,129,034	7.626	1,295,992	166,958
Sep-23	ECONPURCH	--	20,131	5.973	5.973	1,202,296	6.856	1,380,094	177,798
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		20,131	5.973	5.973	1,202,296	6.856	1,380,094	177,798
Oct-23	ECONPURCH	--	19,022	6.079	6.079	1,156,309	6.978	1,327,293	170,984
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		19,022	6.079	6.079	1,156,309	6.978	1,327,293	170,984
Nov-23	ECONPURCH	--	13,310	6.146	6.146	818,039	7.055	939,008	120,969
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		13,310	6.146	6.146	818,039	7.055	939,008	120,969
Dec-23	ECONPURCH	--	13,570	6.000	6.000	814,287	6.888	934,694	120,407
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		13,570	6.000	6.000	814,287	6.888	934,694	120,407
Jan-23 THRU Dec-23	ECONPURCH	--	173,613	6.440	6.440	11,179,922	7.392	12,833,164	1,653,242
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		173,613	6.440	6.440	11,179,922	7.392	12,833,164	1,653,242

Duke Energy Florida, LLC
Fuel and Purchased Power Cost Recovery Clause
Residential Bill Comparison

	Average -2022 ($/1000 kWh) [1]	Average -2023 ($/1000 kWh) [2]	Difference from Current $	Difference from Current %
Base Rate [3]	80.91	83.20	2 29	2.83%
Fuel Cost Recovery	43.38	59.61	16 23	37.41%
Capacity Cost Recovery (CCR)	11.55	13.28	1.73	14.98%
Energy Conservation Cost Recovery (ECCR)	2.83	3.20	0 37	13.07%
Environmental Cost Recovery (ECRC)	0.28	0.22	(0 06)	-21.43%
Storm Protection Plan Cost Recovery Charge (SPPCRC)	3.00	4.14	1.14	38.00%
Interim Storm Charge	0.00	0.00	0 00	0.00%
Asset Securitiza ion Charge (ASC)	2.47	2.65	0.18	7.29%
Subtotal	144.42	166.30	21 88	15.15%
Gross Receipts Tax and Regulatory Assessment Fee	3.81	4.38	0 57	14.96%
Total	$148.23	$170.68	$22.45	15.15%

[1] Expected average rates from Jan - Dec 2022 for a Residential customer using 1000 kwh.

[2] Proposed average rates from Jan - Dec 2023 for a Residential customer using 1000 kwh.

[3] Base Rate is in accordance wi h the 2021 Set lement Agreement approved in Order No. PSC-2021-0202-AS-EI, including ROE Trigger provision filed on 8/12/22 in Docket No. 20220143-EI.

Duke Energy Florida, LLC
Fuel and Purchased Power Cost Recovery Clause
Calculation of Inverted Residential Fuel Factors

	Annual Units mWh	Fuel Rate Cents/kWh		Annual Fuel Revenues	Inverted Fuel Rates Cents/kWh		Annual Fuel Revenues
Residential Excluding TOU:							
0 - 1,000 kWh	13,152,428	6.266	$	824,131,134	5.961	$	784,006,338
Over 1,000 kWh	5,245,587	6.266		328,688,479	7.031		368,813,274
Total	18,398,015		$	1,152,819,613		$	1,152,819,613
Rate Differential by Tier - Cents per kWh					1.070		

Duke Energy Florida, LLC
Fuel and Purchased Power Cost Recovery Clause
Generating System Comparative Data by Fuel Type

		2020 Actual	2021 Actual	2022 Actual/Estimated	2023 Projec ion	2021 vs. 2020	2022 vs. 2021	2023 vs. 2022
FUEL COST OF SYSTEM NET GENERATION ($)								
LIGHT OIL		14,118,488	22,218,993	31,519,864	14,230,271	57.4%	41.9%	-54.9%
COAL		128,688,321	163,564,338	153,197,888	133,577,987	27.1%	-6.3%	-12.8%
GAS		931,534,138	1,380,229,573	2,379,736,153	1,954,404,810	48.2%	72.4%	-17.9%
OTHER		0	0	0	0	0.0%	0.0%	0.0%
TOTAL	$	1,074,340,946	1,566,012,904	2,564,453,905	2,102,213,068	45.8%	63.8%	-18.0%
SYSTEM NET GENERATION (mWh)								
LIGHT OIL		33,060	61,413	136,359	59,968	85.8%	122.0%	-56.0%
COAL		3,287,271	5,042,303	3,639,490	3,039,771	53.4%	-27.8%	-16.5%
GAS		36,327,454	34,517,463	35,926,909	33,870,844	-5.0%	4.1%	-5.7%
SOLAR		706,116	941,532	1,711,139	2,666,602	33.3%	81.7%	55.8%
OTHER		0	0	0	0	0.0%	0.0%	0.0%
TOTAL	mWh	40,353,901	40,562,710	41,413,896	39,637,185	0.5%	2.1%	-4.3%
UNITS OF FUEL BURNED								
LIGHT OIL	BBL	117,843	191,038	250,552	111,909	62.1%	31.2%	-55.3%
COAL	TON	1,562,463	2,389,754	1,698,224	1,379,476	52.9%	-28.9%	-18.8%
GAS	MCF	269,892,525	255,328,667	264,938,935	242,228,114	-5.4%	3.8%	-8.6%
OTHER		0	0	0	0	0.0%	0.0%	0.0%
BTUS BURNED (MMBTU)								
LIGHT OIL		633,568	1,096,030	1,435,217	651,882	73.0%	30.9%	-54.6%
COAL		35,171,675	53,903,967	38,784,492	32,074,278	53.3%	-28.0%	-17.3%
GAS		276,672,797	261,612,956	267,714,510	242,228,114	-5.4%	2.3%	-9.5%
OTHER		0	0	0	0	0.0%	0.0%	0.0%
TOTAL	MMBTU	312,478,040	316,612,953	307,934,219	274,954,274	1.3%	-2.7%	-10.7%
GENERATION MIX (% mWh)								
LIGHT OIL		0 08%	0.15%	0 33%	0.15%	122.0%	132.5%	-60.8%
COAL		8.15%	12.43%	8.79%	7.67%	52.8%	-29.0%	-12.5%
GAS		90.02%	85.10%	86.75%	85.45%	-5.4%	2.0%	-1.5%
SOLAR		1.75%	2.32%	4.13%	6.73%	34.3%	77.6%	62.9%
OTHER		0 00%	0.00%	0 00%	0.00%	0.0%	0.0%	0.0%
TOTAL	%	100.00%	100.00%	100 00%	100.00%	0.0%	0.0%	0.0%
FUEL COST PER UNIT								
LIGHT OIL	$/BBL	119 81	116.31	125 80	127.16	-2.9%	8.2%	1.1%
COAL	$/TON	82 36	68.44	90 21	96.83	-16.9%	31.8%	7.3%
GAS	$/MCF	3.45	5.41	8 98	8.07	56.6%	66.2%	-10.2%
OTHER		0 00	0.00	0 00	0.00	0.0%	0.0%	0.0%
FUEL COST PER MMBTU ($/MMBTU)								
LIGHT OIL		22 28	20.27	21 96	21.83	-9.0%	8.3%	-0.6%
COAL		3.66	3.03	3 95	4.17	-17.1%	30.2%	5.4%
GAS		3 37	5.28	8 89	8.07	56.7%	68.5%	-9.2%
OTHER		0 00	0.00	0 00	0.00	0.0%	0.0%	0.0%
TOTAL	$/MMBTU	3.44	4.95	8 33	7.65	43.9%	68.4%	-8.2%
BTU BURNED PER kWh (BTU/kWh)								
LIGHT OIL		19,164	17,847	10,525	10,870	-6.9%	-41.0%	3.3%
COAL		10,699	10,690	10,657	10,552	-0.1%	-0.3%	-1.0%
GAS		7,616	7,579	7,452	7,152	-0.5%	-1.7%	-4.0%
OTHER		0	0	0	0	0.0%	0.0%	0.0%
TOTAL	BTU/kWh	7,743	7,806	7,436	6,937	0.8%	-4.7%	-6.7%
GENERATED FUEL COST PER kWh (C/kWh)								
LIGHT OIL		42.71	36.18	23.12	23.73	-15.3%	-36.1%	2.7%
COAL		3 91	3.24	4 21	4.39	-17.1%	29.7%	4.4%
GAS		2 56	4.00	6.62	5.77	55.9%	65.6%	-12.9%
OTHER		0 00	0.00	0 00	0.00	0.0%	0.0%	0.0%
TOTAL	C/kWh	2.66	3.86	6.19	5.30	45.0%	60.4%	-14.4%

Duke Energy Florida, LLC
Fuel and Purchased Power Cost Recovery Clause
Capital Structure and Cost Rates Applied to Capital Projects
Estimated for the Period of : January 2023 through December 2023

		(1) Jurisdictional Rate Base Adjusted Retail ($000s)	(2) Cap Ratio	(3) Cost Rate	(4) Weighted Cost	(5) Revenue Requirement Rate	(6) Monthly Revenue Requirement Rate
1	Common Equity	$ 7,789,166	44.42%	10.10%	4.49%	6.01%	0.5008%
2	Long Term Debt	6,866,328	39.15%	4.06%	1.59%	1.59%	0.1325%
3	Short Term Debt	49,998	0.29%	0.90%	0.00%	0.00%	0.0000%
4	Cust Dep Active	165,599	0.94%	2.47%	0.02%	0.02%	0.0017%
5	Cust Dep Inactive	1,507	0.01%			0.00%	0.0000%
6	Invest Tax Cr	287,202	1.64%	7.27%	0.12%	0.15%	0.0125%
7	Deferred Inc Tax	2,377,124	13.55%			0.00%	0.0000%
8	**Total**	**$ 17,536,925**	**100.00%**		**6.22%**	**7.77%**	**0.6475%**

	ITC split between Debt and Equity**:		Ratio	Cost Rate	Ratio	Ratio	Deferred Inc Tax	Weighted ITC	After Gross-up
9	Common Equity	7,789,166	53%	10.1%	5.37%	73.8%	0.12%	0.0886%	0.119%
10	Preferred Equity	-	0%				0.12%	0.0000%	0.000%
11	Long Term Debt	6,866,328	47%	4.06%	1.90%	26.2%	0.12%	0.0314%	0.031%
12		14,655,494	100%		7.27%			0.1200%	0.150%

Breakdown of Revenue Requirement Rate of Return between Debt and Equity:

13	Total Equity Component (Lines 1 and 9)	6.129%
14	Total Debt Component (Lines 2, 3 , 4 , and 11)	1.641%
15	**Total Revenue Requirement Rate of Return**	**7.770%**

Effective Tax Rate: 25.345%

Column:

(1) Per Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology
(2) Column (1) / Total Column (1)
(3) Per Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology
Line 6 and Line 12, the cost rate of ITC's is determined under Treasury Regulation section 1.46-6(b)(3)(ii).
(4) Column (2) x Column (3)
(5) For equity components: Column (4) / (1-effective income tax rate/100)
* For debt components: Column (4)
** Line 6 is the pre-tax ITC components from Lines 9 and 11
(6) Column (5) / 12

*** Consistent with DEF's 8/12/22 filed *Petition for Limited Proceeding to Implement Return on Equity Trigger Provision of 2021 Settlement Agreement* in Docket No. 20220143-E, the cost rate on common equity has been increased by 25 basis points to 10.10%.

DUKE ENERGY FLORIDA, LLC

Fuel and Capacity Cost Recovery Factor

January 2023 through December 2022

PART 3 – 2023 CAPACITY COST RECOVERY SCHEDULES

Schedule E12-A – Calculation of Projected Capacity Costs

Schedule E12-B – Calculation of Actual/Estimated True-up

Schedule E12-D – Calculation of Energy and Demand Percent by Rate Class

Schedule E12-E – Calculation of Capacity Cost Recovery Factors by Rate Class

Duke Energy Florida, LLC
Calculation of Projected Capacity Costs
For the Year 2023

Docket No. 20220001-EI
Exhibit__GPD-3, Part 3
Schedule E12-A
Page 1 of 2

		EST Jan-23	EST Feb-23	EST Mar-23	EST Apr-23	EST May-23	EST Jun-23	EST Jul-23	EST Aug-23	EST Sep-23	EST Oct-23	EST Nov-23	EST Dec-23	TOTAL
1	**Base Production Level Capacity Costs**													
2	Orange Cogen (ORANGECO)	6,836,499	6,836,499	6,836,499	6,836,499	6,836,499	6,836,499	6,836,499	6,836,499	6,836,499	6,836,499	6,836,499	6,836,499	82,037,983
3	Orlando Cogen Limited (ORLACOGL)	6,877,246	6,877,246	6,877,246	6,877,246	6,877,246	6,877,246	6,877,246	6,877,246	6,877,246	6,877,246	6,877,246	6,877,246	82,526,948
4	Pasco County Resource Recovery (PASCOUNT)	2,584,740	2,584,740	2,584,740	2,584,740	2,584,740	2,584,740	2,584,740	2,584,740	2,584,740	2,584,740	2,584,740	2,584,740	31,016,880
5	Pinellas County Resource Recovery (PINCOUNT)	6,152,805	6,152,805	6,152,805	6,152,805	6,152,805	6,152,805	6,152,805	6,152,805	6,152,805	6,152,805	6,152,805	6,152,805	73,833,660
6	Polk Power Partners, L.P. (MULBERRY/ROYSTER)	9,387,325	9,387,325	9,387,325	9,387,325	9,387,325	9,387,325	9,387,325	9,387,325	9,387,325	9,387,325	9,387,325	9,387,325	112,647,898
7	Subtotal - Base Level Capacity Costs	31,838,614	31,838,614	31,838,614	31,838,614	31,838,614	31,838,614	31,838,614	31,838,614	31,838,614	31,838,614	31,838,614	31,838,614	382,063,369
8	Base Production Jurisdictional Responsibility	97.403%	97.403%	97.403%	97.403%	97.403%	97.403%	97.403%	97.403%	97.403%	97.403%	97.403%	97.403%	
9	Base Level Jurisdictional Capacity Costs	31,011,765	31,011,765	31,011,765	31,011,765	31,011,765	31,011,765	31,011,765	31,011,765	31,011,765	31,011,765	31,011,765	31,011,765	372,141,180
10	**Intermediate Production Level Capacity Costs**													
11	Reserved for Future Use													
12	Capacity Sales and Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Subtotal - Intermediate Level Capacity Costs	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Intermediate Production Jurisdict. Responsibility	92.637%	92.637%	92.637%	92.637%	92.637%	92.637%	92.637%	92.637%	92.637%	92.637%	92.637%	92.637%	
15	Intermediate Level Jurisdict. Capacity Costs	-	-	-	-	-	-	-	-	-	-	-	-	-
16	**Peaking Production Level Capacity Costs**													
17	Shady Hills	1,976,796	1,976,796	1,411,997	1,369,848	1,917,787	3,898,797	3,898,797	3,898,797	1,819,439	1,369,848	1,369,848	1,976,796	26,885,544
18	Vandolah (NSG)	2,853,651	2,869,683	2,056,255	2,033,352	2,773,491	5,720,689	5,703,512	5,657,707	2,706,692	1,993,272	2,039,078	2,869,683	39,277,065
19	Other	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Subtotal - Peaking Level Capacity Costs	4,830,447	4,846,478	3,468,252	3,403,200	4,691,278	9,619,486	9,602,309	9,556,504	4,526,131	3,363,120	3,408,926	4,846,478	66,162,609
21	Peaking Production Jurisdictional Responsibility	95.110%	95.110%	95.110%	95.110%	95.110%	95.110%	95.110%	95.110%	95.110%	95.110%	95.110%	95.110%	
22	Peaking Level Jurisdictional Capacity Costs	4,594,235	4,609,483	3,298,652	3,236,781	4,461,872	9,149,087	9,132,750	9,089,185	4,304,800	3,198,661	3,242,227	4,609,483	62,927,216
23	**Other Capacity Costs**													
24	Retail Wheeling	(102,215)	(68,469)	(87,302)	(22,075)	(57,083)	(2,442)	(2,567)	(4,483)	(6,604)	(39,505)	(62,343)	(47,938)	(503,025)
25	Ridge Generating Station L.P. Termination [1]	583,616	600,008	576,577	573,057	569,538	566,018	562,499	558,979	555,460	551,940	548,420	544,901	6,791,013
26	DOE Settlement-Spent Fuel Claim [2]	1,610,745	1,610,745	1,610,745	1,610,745	1,610,745	1,610,745	1,610,745	1,610,745	1,610,745	1,610,745	1,610,745	1,610,745	19,328,945
27	SoBRA True-Up - Duette (2022 Base Rate Adjmt) [5]	(1,144,593)	-	-	-	-	-	-	-	-	-	-	-	(1,144,593)
28	Reserved for Future Use													-
29	SoBRA True-Up - Santa Fe (Base Rate Adjmt) [3]	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(386,291)
30	SoBRA True-Up - Twin Rivers (Base Rate Adjmt) [3]	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(533,447)
31	Total Other Capacity Costs	870,908	2,065,639	2,023,375	2,085,083	2,046,555	2,097,677	2,094,033	2,088,597	2,082,956	2,046,536	2,020,178	2,031,064	23,552,602
32	**Total Capacity Costs (line 9+15+22+31)**	36,476,908	37,686,887	36,333,792	36,333,629	37,520,192	42,258,529	42,238,548	42,189,547	37,399,521	36,256,962	36,274,170	37,652,312	458,620,998
33	Actual/Estimated True-Up Provision - Jan - Dec 2022													(6,747,100)
34	**Total Recoverable Capacity Costs**													451,873,898
35	**Total Recoverable ISFSI Costs** [4]													6,879,837
36	**Total Recoverable Capacity & ISFSI Costs (line 34+35)**													458,753,735

[1] Approved in Commission Order No. PSC-2018-0532-PAA-EQ.

[2] Per the 2021 Settlement Agreement approved in Order No. PSC-2021-0202-AS-EI, DEF is authorized to monetize the expected DOE award for its spent fuel claim through the use of a regulatory asset or liability as necessary, and reflect it as a credit to income in an amount to be detemined each year by the Company. This treatment affords both DEF and customers the right to be made whole in a subsequent Capacity Cost Recovery clause filing for any cost of money or over- or under- collection and timing thereof of the actual award relative to the assumed $173 million (retail) to be recognized. The $19.3 million is the difference between the $173 million spent fuel claim and the DOE award of $154 million.

[3] True-up of solar base rate adjustments consistent with the Rate Mitigation Plan approved in Order No. PSC-2021-0425-FOF-EI.

[4] As set forth in DEF's 2021 Settlement Agreement approved in Order No. PSC-2021-0202-AS-EI.

[5] As set forth in DEF's 2017 Settlement Agreement approved in Commission Order No. PSC-2017-0451-PAA-EI.

Contract Data:

	Name	Start Date	Expiration Date	Type	Purchase/Sale	MW
1	Orlando Cogen Limited (ORLACOGL)	Sep-93	Dec-23	QF	Purch	115.00
2	Orange Cogen (ORANGECO)	Jul-95	Dec-25	QF	Purch	104.00
3	Pasco County Resource Recovery (PASCOUNT)	Jan-95	Dec-24	QF	Purch	23.00
4	Pinellas County Resource Recovery (PINCOUNT)	Jan-95	Dec-24	QF	Purch	54.75
5	Polk Power Partners, L. P. (MULBERY/ROYSTER)	Aug-94	Aug-24	QF	Purch	115.00
6	Shady Hills Tolling Agreement	Apr-07	Apr-24	Other	Purch	521.00
7	Vandolah (NSG)	Jun-12	May-27	Other	Purch	669.00

Duke Energy Florida, LLC
Calculation of Projected Capacity Costs
For the Year 2022

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		ACT Jan-22	ACT Feb-22	ACT Mar-22	ACT Apr-22	ACT May-22	ACT Jun-22	EST Jul-22	EST Aug-22	EST Sep-22	EST Oct-22	EST Nov-22	EST Dec-22	TOTAL
1	**Base Production Level Capacity Costs**													
2	Orange Cogen (ORANGECO)	6,579,025	6,502,742	6,498,962	6,502,742	6,297,589	6,214,424	6,502,741	6,502,741	6,502,741	6,502,741	6,502,741	6,502,741	77,611,932
3	Orlando Cogen Limited (ORLACOGL)	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	6,542,615	78,511,376
4	Pasco County Resource Recovery (PASCOUNT)	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	2,429,950	29,159,400
5	Pinellas County Resource Recovery (PINCOUNT)	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	5,784,338	69,412,050
6	Polk Power Partners, L.P. (MULBERRY/ROYSTER)	8,932,175	8,932,175	8,932,175	8,932,175	8,932,175	8,840,681	8,932,174	8,932,174	8,932,174	8,932,174	8,932,174	8,932,174	107,094,600
7	Subtotal - Base Level Capacity Costs	30,268,102	30,191,819	30,188,039	30,191,819	29,986,666	29,812,008	30,191,818	30,191,818	30,191,818	30,191,818	30,191,818	30,191,818	361,789,358
8	Base Production Jurisdictional Responsibility	92.865%	92.865%	92.865%	92.865%	92.865%	92.865%	92.865%	92.865%	92.865%	92.865%	92.865%	92.865%	
9	Base Level Jurisdictional Capacity Costs	28,108,473	28,037,632	28,034,122	28,037,632	27,847,118	27,684,921	28,037,631	28,037,631	28,037,631	28,037,631	28,037,631	28,037,631	335,975,684
10	**Intermediate Production Level Capacity Costs**													
11	Southern Franklin	(79,292)	-	-	(844)	-	(270,639)	-	-	-	-	-	-	(350,775)
12	Capacity Sales and Purchases	9,365	(9,365)	(12,487)	-	72,800	72,800	-	-	-	-	-	-	133,113
13	Subtotal - Intermediate Level Capacity Costs	(69,927)	(9,365)	(12,487)	(844)	72,800	(197,839)	-	-	-	-	-	-	(217,662)
14	Intermediate Production Jurisdict. Responsibility	88.321%	88.321%	88.321%	88.321%	88.321%	88.321%	88.321%	88.321%	88.321%	88.321%	88.321%	88.321%	
15	Intermediate Level Jurisdict. Capacity Costs	(61,760)	(8,272)	(11,029)	(745)	64,298	(174,734)	-	-	-	-	-	-	(192,242)
16	**Peaking Production Level Capacity Costs**													
17	Shady Hills	1,976,940	1,976,940	1,494,234	1,368,900	1,916,460	3,907,980	3,898,797	3,898,797	1,819,439	1,369,848	1,369,848	1,976,796	26,974,978
18	Vandolah (NSG)	3,011,389	2,975,257	2,023,067	2,000,970	2,877,666	5,956,966	5,703,512	5,657,707	2,706,692	1,993,272	2,039,078	2,869,683	39,815,258
19	Other	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Subtotal - Peaking Level Capacity Costs	4,988,329	4,952,197	3,517,301	3,369,870	4,794,126	9,864,946	9,602,309	9,556,504	4,526,131	3,363,120	3,408,926	4,846,478	66,790,237
21	Peaking Production Jurisdictional Responsibility	90.678%	90.678%	90.678%	90.678%	90.678%	90.678%	90.678%	90.678%	90.678%	90.678%	90.678%	90.678%	
22	Peaking Level Jurisdictional Capacity Costs	4,523,317	4,490,554	3,189,418	3,055,731	4,347,217	8,945,335	8,707,182	8,665,647	4,104,205	3,049,610	3,091,145	4,394,690	60,564,051
23	**Other Capacity Costs**													
24	Retail Wheeling	(355,205)	(339,033)	(51,083)	(110,107)	(3,429)	(4,579)	-	(61)	-	(18)	(34,673)	(31,030)	(929,218)
25	Ridge Generating Station L.P. Termination [1]	623,808	620,376	615,110	612,954	609,548	606,143	602,737	599,332	595,926	592,521	589,115	585,710	7,253,280
26	CR1&2 NBV [2]	45,460	45,460	45,460	45,460	45,460	45,460	45,460	45,460	45,460	45,460	45,460	45,460	545,523
27	SoBRA True-Up - Santa Fe [3]	(289,763)	-	-	-	-	-							(289,763)
28	SoBRA True-Up - Twin Rivers [3]	(400,148)	-	-	-	-	-							(400,148)
29	SoBRA True-Up - Santa Fe (Base Rate Adjmt) [3]	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(32,191)	(386,292)
30	SoBRA True-Up - Twin Rivers (Base Rate Adjmt) [3]	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(44,454)	(533,448)
31	SoBRA True-Up - Charlie Creek (Base Rate Adjmt) [3]	(1,039,615)	(1,039,615)	(1,039,615)	(1,039,615)	(1,039,615)	(1,039,615)	(1,039,615)	(1,039,615)					(8,316,920)
32	SoBRA True-Up - Sandy Creek (Base Rate Adjmt) [3]	(806,910)	(806,910)	(806,910)	(806,910)	(806,910)	-							(4,034,549)
33	Total Other Capacity Costs	(2,299,018)	(1,596,366)	(1,313,683)	(1,374,863)	(1,271,590)	(469,236)	(468,063)	(471,529)	564,742	561,318	523,257	523,496	(7,091,534)
34	**Total Capacity Costs (line 9+15+22+33)**	30,271,012	30,923,548	29,898,828	29,717,755	30,987,043	35,986,286	36,276,750	36,231,749	32,706,578	31,648,559	31,652,033	32,955,817	389,255,959
35	**ISFSI Revenue Requirement** [4]	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	6,879,837
36	**Total Recoverable Capacity & ISFSI Costs (line 34+35)**	30,844,332	31,496,868	30,472,148	30,291,075	31,560,363	36,559,606	36,850,070	36,805,069	33,279,897	32,221,879	32,225,353	33,529,136	396,135,796
37	**Capacity Revenues**													
38	Capacity Cost Recovery Revenues (net of tax)	27,199,015	28,201,097	28,916,824	27,454,678	33,054,217	38,991,636	41,806,723	40,458,601	37,702,124	33,399,479	29,229,494	30,879,737	397,293,626
39	Prior Period True-Up Provision Over/(Under) Recovery	226,523	226,523	226,523	226,523	226,523	226,523	226,523	226,523	226,523	226,523	226,523	226,523	2,718,273
40	**Current Period Revenues (net of tax)**	27,425,538	28,427,620	29,143,346	27,681,201	33,280,740	39,218,159	42,033,245	40,685,124	37,928,647	33,626,002	29,456,017	31,106,260	400,011,898
41	**True-Up Provision**													
42	True-Up Provision - Over/(Under) Recov (Line 40-36)	(3,418,794)	(3,069,248)	(1,328,802)	(2,609,874)	1,720,377	2,658,553	5,183,175	3,880,055	4,648,749	1,404,123	(2,769,336)	(2,422,876)	3,876,102
43	Interest Provision for the Month	341	44	(645)	(1,825)	(3,413)	(3,672)	1,866	4,059	6,715	7,425	5,632	4,046	20,572
44	Current Cycle Balance - Over/(Under)	(3,418,452)	(6,487,656)	(7,817,103)	(10,428,802)	(8,711,839)	(6,056,957)	(871,917)	3,012,197	7,667,661	9,079,209	6,315,505	3,896,675	3,896,674
45	Prior Period Balance - Over/(Under) Recovered	5,568,698	5,568,698	5,568,698	5,568,698	5,568,698	5,568,698	5,568,698	5,568,698	5,568,698	5,568,698	5,568,698	5,568,698	5,568,698
46	Prior Period Cumulative True-Up Collected/(Refunded)	(226,523)	(453,045)	(679,568)	(906,091)	(1,132,614)	(1,359,136)	(1,585,659)	(1,812,182)	(2,038,704)	(2,265,227)	(2,491,750)	(2,718,273)	(2,718,273)
47	Prior Period True-up Balance - Over/(Under)	5,342,175	5,115,653	4,889,130	4,662,607	4,436,084	4,209,562	3,983,039	3,756,516	3,529,994	3,303,471	3,076,948	2,850,425	2,850,425
48	**Net Capacity True-up Over/(Under) (Line 44+47)**	1,923,723	(1,372,004)	(2,927,974)	(5,766,196)	(4,275,755)	(1,847,396)	3,111,122	6,768,713	11,197,654	12,382,680	9,392,453	6,747,100	6,747,100

[1] Approved in Commission Order No. PSC-2018-0532-PAA-EQ.
[2] As set forth in DEF's 2017 Settlement Agreement approved in Commission Order No. PSC-2017-0451-PAA-EI and PSC-2021-0024-FOF-EI.
[3] True-up of solar base rate adjustments per the Rate Mitigation Plan approved in Order No. PSC-2021-0425-FOF-EI.
[4] As set forth in DEF's 2021 Settlement Agreement approved in Order No. PSC-2021-0202-AS-EI.

Duke Energy Florida, LLC
Calculation of Energy and Demand Percent by Rate Class
For the Year 2023

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Rate Class	(1) Average 12CP Load Factor at Meter (%)	(2) Sales at Meter (MWh)	(3) Avg 12 CP at Meter (MW)	(4) Delivery Efficiency Factor	(5) Sales at Source (Generation) (MWh)	(6) Avg 12 CP at Source (MW)	(7) Annual Average Demand (MWh)	(8) Annual Average Demand Allocator (%)	(9) 12CP Allocator (%)	(10) 12 CP & 25% AD Demand Allocator (%)	(11) Base Energy & Demand Revenues ($000s)	(12) ISFSI Uniform Percent Allocation ($000s)
Residential												**0.29%**
RS-1, RST-1, RSL-1, RSL-2, RSS-1												
Secondary	0.516	21,187,001	4,686.2	0.9247403	22,911,299	5,067.6	2,615.4	53.933%	63.722%	61.275%	1,521,115	4,452
General Service Non-Demand												
GS-1, GST-1												
Secondary	0.608	1,151,328	216.2	0.9247403	1,245,029	233.8	142.1	2.931%	2.940%	2.937%		
Primary	0.608	12,153	2.3	0.9758571	12,454	2.3	1.4	0.029%	0.029%	0.029%		
Sec Del/Primary Mtr	0.608	42	0.0	0.9758571	43	0.0	0.0	0.000%	0.000%	0.000%		
Transmission	0.608	2,410	0.5	0.9858571	2,444	0.5	0.3	0.006%	0.006%	0.006%		
		1,165,933	218.9		1,259,970	236.6	143.8	2.966%	2.975%	2.973%	83,134	243
General Service												
GS-2 Secondary	1.000	207,230	23.7	0.9247403	224,095	25.6	25.6	0.528%	0.322%	0.373%	5,704	17
General Service Demand												
GSD-1, GSDT-1												
Secondary	0.742	11,732,889	1,805.2	0.9247403	12,687,767	1,952.2	1,448.4	29.867%	24.547%	25.877%		
Primary	0.742	1,674,480	257.6	0.9758571	1,715,907	264.0	195.9	4.039%	3.320%	3.500%		
Sec Del/Primary Mtr	0.742	18,791	2.9	0.9758571	19,256	3.0	2.2	0.045%	0.037%	0.039%		
Transm Del/ Primary Mtr	0.742	0	0.0	0.9758571	0	0.0	0.0	0.000%	0.000%	0.000%		
Transmission	0.742	396,109	60.9	0.9858571	401,792	61.8	45.9	0.946%	0.777%	0.819%		
SS-1 Primary	0.958	64,447	7.7	0.9758571	66,042	7.9	7.5	0.155%	0.099%	0.113%		
Transm Del/ Transm Mtr	0.958	4,740	0.6	0.9858571	4,808	0.6	0.5	0.011%	0.007%	0.008%		
Transm Del/ Primary Mtr	0.958	994	0.1	0.9758571	1,019	0.1	0.1	0.002%	0.002%	0.002%		
		13,892,451	2,135.1		14,896,591	2,289.5	1,700.5	35.066%	28.790%	30.359%	651,464	1,907
Curtailable												
CS-2, CST-2, CS-3, CST-3												
Secondary	1.028	0	0.0	0.9247403	0	0.0	0.0	0.000%	0.000%	0.000%		
Primary	1.028	61,191	6.8	0.9758571	62,704	7.0	7.2	0.148%	0.088%	0.103%		
SS-3 Primary	2.390	81,829	3.9	0.9758571	83,853	4.0	9.6	0.197%	0.050%	0.087%		
		143,019	10.7		146,558	11.0	16.7	0.345%	0.138%	0.190%	5,501	16
Interruptible												
IS-2, IST-2												
Secondary	0.957	364,150	43.4	0.9247403	393,786	47.0	45.0	0.927%	0.591%	0.675%		
Sec Del/Primary Mtr	0.957	3,936	0.5	0.9758571	4,033	0.5	0.5	0.009%	0.006%	0.007%		
Primary Del / Primary Mtr	0.957	1,020,628	121.7	0.9758571	1,045,879	124.7	119.4	2.462%	1.569%	1.792%		
Primary Del / Transm Mtr	0.957	73	0.0	0.9858571	74	0.0	0.0	0.000%	0.000%	0.000%		
Transm Del/ Transm Mtr	0.957	822,182	98.1	0.9858571	833,977	99.5	95.2	1.963%	1.251%	1.429%		
Transm Del/ Primary Mtr	0.957	329,681	39.3	0.9758571	337,837	40.3	38.6	0.795%	0.507%	0.579%		
SS-2 Primary	1.147	14,551	1.4	0.9758571	14,911	1.5	1.7	0.035%	0.019%	0.023%		
Transm Del/ Transm Mtr	1.147	2,359	0.2	0.9858571	2,392	0.2	0.3	0.006%	0.003%	0.004%		
Transm Del/ Primary Mtr	1.147	50,947	5.1	0.9758571	52,207	5.2	6.0	0.123%	0.065%	0.080%		
		2,608,506	309.8		2,685,097	318.9	306.5	6.321%	4.010%	4.588%	74,392	218
Lighting												
LS-1 (Secondary)	11.683	330,646	3.2	0.9247403	357,555	3.5	40.8	0.842%	0.044%	0.243%	9,457	28
		39,534,786	7,388		42,481,164	7,953	4,849	100.000%	100.000%	100.000%	2,350,767	6,880

Notes:

(1) Average 12CP load factor based on load research study filed July 30, 2021 (FPSC rule 25-6.0437 (7))
(2) Projected mWh sales for the period Jan-Dec 2023
(3) Calculated: Column 2 / (8,760 hours x Column 1)
(4) Based on system average line loss analysis for 2021
(5) Calculated: Column 2 / Column 4
(6) Calculated: Column 3 / Column 4
(7) Calculated: Column 5 / 8,760 hours
(8) Calculated: Column 7 / Total Column 7
(9) Calculated: Column 6 / Total Column 6
(10) Calculated: Column 8 x 1/4 + Column 9 x 3/4
(11) Projected Base Energy & Demand Revenues for Jan-Dec 2023
(12) Uniform Percent Calculated: Column 12 Total / Column 11 Total
Calculated: Column 11 x Uniform Percent

Duke Energy Florida, LLC
Calculation of Capacity Cost Recovery Factors by Rate Class
For the Year 2023

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Rate Class	(1) 12 CP & 25% AD Demand Allocator (%)	(2) Effective mWh at Secondary Level (MWh)	(3) Capacity Production Demand Costs ($)	(4) ISFSI Dry Cask Storage Costs ($)	(5) Capacity + ISFSI Production Demand Costs ($)	(6) Capacity CCR Factor (c/kWh)	(7) ISFSI CCR Factor (c/kWh)	(8) Capacity + ISFSI CCR Factor (c/kWh)	(9) Billing KW Load Factor (%)	(10) Projected Effective KW at Meter Level (kW)	(11) Capacity CCR Factor ($/kW-mo)	(12) ISFSI CCR Factor ($/kW-mo)	(13) Capacity + ISFSI CCR Factor ($/kW-mo)
Residential													
RS-1, RST-1, RSL-1, RSL-2, RSS-1													
Secondary	61.275%	21,187,001	$276,884,759	$4,451,748	$281,336,507	**1.307**	**0.021**	**1.328**					
General Service Non-Demand													
GS-1, GST-1													
Secondary		1,151,328				**1.152**	**0.021**	**1.173**					
Primary		12,073				**1.140**	**0.021**	**1.161**					
Transmission		2,362				**1.129**	**0.021**	**1.150**					
TOTAL GS	2.973%	1,165,763	13,432,783	243,302	13,676,085								
General Service													
GS-2 Secondary	0.373%	207,230	1,686,107	16,694	1,702,800	**0.814**	**0.008**	**0.822**					
General Service Demand													
GSD-1, GSDT-1, SS-1													
Secondary		11,732,889									**3.32**	**0.05**	**3.37**
Primary		1,741,125									**3.29**	**0.05**	**3.34**
Transmission		392,832									**3.25**	**0.05**	**3.30**
TOTAL GSD	30.359%	13,866,847	137,183,277	1,906,598	139,089,875				46.04%	41,259,666			
Curtailable													
CS-2, CST-2, CS-3, CST-3, SS-3													
Secondary		-									**1.64**	**0.03**	**1.67**
Primary		141,589									**1.62**	**0.03**	**1.65**
Transmission		-									**1.61**	**0.03**	**1.64**
TOTAL CS	0.190%	141,589	857,267	16,100	873,367				37.10%	522,730			
Interruptible													
IS-2, IST-2, SS-2													
Secondary		364,150									**2.66**	**0.03**	**2.69**
Primary		1,405,545									**2.63**	**0.03**	**2.66**
Transmission		808,122									**2.61**	**0.03**	**2.64**
TOTAL IS	4.588%	2,577,817	20,729,986	217,718	20,947,705				45.31%	7,793,004			
Lighting													
LS-1 Secondary	0.243%	330,646	1,099,718	27,678	1,127,396	**0.333**	**0.008**	**0.341**					
	100.000%	39,476,892	$451,873,898	$6,879,837	$458,753,735	**1.145**	**0.017**	**1.162**					

Notes:

(1) From Schedule E12-D, Column 10
(2) Projected mWh sales at effective voltage level for Jan-Dec 2023
(3) Column 1 x Total Recoverable Capacity Costs (Schedule E12-A)
(4) From Schedule E12-D, Column 12
(5) Column 3 + Column 4
(6) (Column 3 / Column 2) / 10
(7) (Column 4 / Column 2) / 10
(8) Column 6 + Column 7
(9) Class Billing kW Load Factor
(10) Column 2 x 1000 / 8,760 / Column 9 x 12
(11) Column 3 / Column 10
(12) Column 4 / Column 10
(13) Column 5 / Column 10

***Calculation of Standby Service kW Charges:**

	Capacity + Ridge + ISFSI Cost	Effective kW	$/kW
Total GSD, CS, IS	$160,910,947	49,575,400	3.25
SS-1, 2, 3 - $/kW-mo	Secondary	Primary	Trans
Monthly - $3.25/kW * 10%	0.325	0.322	0.319
Daily - $3.25/kW / 21	0.155	0.153	0.152

GPIF REWARD/PENALTY SCHEDULES

Description	Sheet
Index	1
Reward/Penalty Table (Actual)	2
Calculation of Maximum Incentive Dollars (Actual)	3
Calculation of System Actual GPIF Points	4
GPIF Unit Performance Summary	5
Actual Unit Performance Data	6
Adjustments to EAF Actual	7
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Generating Performance Incentive Points Table	9-15
Actual Unit Performance Data	16-22
Planned Outage Schedules (Actual)	23-24

Original Sheet No. 6.101.1

GENERATING PERFORMANCE INCENTIVE FACTOR

REWARD/PENALTY TABLE

ACTUAL

Duke Energy Florida
January 2021 - December 2021

	Generating Performance Incentive Points (GPIF)	Fuel Savings/Loss ($)	Generating Performance Incentive Factor ($)
	10	$ 25,025,874	$ 12,512,937
	9	$ 22,523,286	$ 11,261,643
	8	$ 20,020,699	$ 10,010,350
	7	$ 17,518,112	$ 8,759,056
	6	$ 15,015,524	$ 7,507,762
	5	$ 12,512,937	$ 6,256,468
	4	$ 10,010,350	$ 5,005,175
	3	$ 7,507,762	$ 3,753,881
	2	$ 5,005,175	$ 2,502,587
	1	$ 2,502,587	$ 1,251,294
	0	$ -	$ -
****	-0.165	$ (473,081)	$ (206,463)
	-1	$ (2,867,156)	$ (1,251,294)
	-2	$ (5,734,311)	$ (2,502,587)
	-3	$ (8,601,467)	$ (3,753,881)
	-4	$ (11,468,622)	$ (5,005,175)
	-5	$ (14,335,778)	$ (6,256,468)
	-6	$ (17,202,933)	$ (7,507,762)
	-7	$ (20,070,089)	$ (8,759,056)
	-8	$ (22,937,244)	$ (10,010,350)
	-9	$ (25,804,400)	$ (11,261,643)
	-10	$ (28,671,556)	$ (12,512,937)

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GENERATION PERFORMANCE INCENTIVE FACTOR

CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS

Duke Energy Florida
January 2021 - December 2021

1	Beginning of period balance of common equity	$ 7,558,921,452	
	END OF MONTH BALANCE OF COMMON EQUITY:		
2	Month of JANUARY 2021	$ 7,607,970,392	
3	Month of FEBRUARY 2021	$ 7,633,557,298	
4	Month of MARCH 2021	$ 7,679,178,379	
5	Month of APRIL 2021	$ 7,733,056,941	
6	Month of MAY 2021	$ 7,820,536,674	
7	Month of JUNE 2021	$ 7,892,151,225	
8	Month of JULY 2021	$ 7,999,871,406	
9	Month of AUGUST 2021	$ 8,101,598,171	
10	Month of SEPTEMBER 2021	$ 8,180,521,515	
11	Month of OCTOBER 2021	$ 8,254,590,412	
12	Month of NOVEMBER 2021	$ 8,277,531,473	
13	Month of DECEMBER 2021	$ 8,294,963,301	
14	Average common equity for the period	$ 7,925,726,818	
15	25 Basis Points	0.0025	
16	Revenue Expansion Factor	75.9022%	
17	Maximum allowed incentive dollars	$ 26,105,073	
18	Jurisdictional Sales *	39,453,609	MWH
19	Total Sales *	39,682,027	MWH
20	Jurisdictional Separation Factor	99.4200%	
21	Maximum allowed jurisdictional incentive dollars	$ 25,953,663	
22	Incentive Cap (50% of Projected Fuel Savings at 10 GPIF Point Level) From Sheet No. 6.101.1	$ 12,512,937	
23	Maximum Allowed GPIF Reward (Lesser of Line 21 and Line 22)	$ 12,512,937	

* Net sales (Sales - Interruptible)

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GENERATION PERFORMANCE INCENTIVE FACTOR

CALCULATION OF SYSTEM ACTUAL GPIF POINTS

Duke Energy Florida
January 2021 - December 2021

Plant/Unit	Performance Indicator EAF or ANOHR	Weighting Factor %	Unit Points	Weighted Unit Points
Bartow CC	EAF	2.09	-10.000	-0.209
	ANOHR	17.65	5.727	1.011
Crystal River 4	EAF	8.74	-10.000	-0.874
	ANOHR	23.32	-2.158	-0.503
Crystal River 5	EAF	6.50	9.662	0.628
	ANOHR	20.20	-2.335	-0.472
Hines 1	EAF	0.77	-3.068	-0.024
	ANOHR	2.48	9.759	0.242
Hines 2	EAF	0.16	10.000	0.016
	ANOHR	4.69	0.000	0.000
Hines 3	EAF	0.80	-5.540	-0.045
	ANOHR	4.84	0.236	0.011
Hines 4	EAF	1.27	4.270	0.054
	ANOHR	6.49	0.000	0.000
GPIF System		100.00		-0.165

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GENERATION PERFORMANCE INCENTIVE FACTOR
GPIF UNIT PERFORMANCE SUMMARY

Duke Energy Florida
January 2021 - December 2021

Plant/Unit	Weighting Factor (%)	EAF Target (%)	EAF RANGE Max. (%)	EAF RANGE Min. (%)	Max. Fuel Savings ($000)	Max. Fuel Loss ($000)	EAF Adjusted Actual (%)	Estimated Fuel Savings/ Loss ($000)
Bartow CC	2.09	91.05	93.10	86.85	$523	($656)	78.51	($656)
Crystal River 4	8.74	86.11	92.55	73.41	$2,187	($3,743)	68.31	($3,743)
Crystal River 5	6.50	81.01	86.28	70.54	$1,626	($2,954)	86.10	$1,571
Hines 1	0.77	84.13	85.91	80.55	$193	($643)	83.03	($197)
Hines 2	0.16	94.71	95.40	93.30	$41	($222)	95.69	$41
Hines 3	0.80	73.66	74.45	72.02	$201	($148)	72.75	($82)
Hines 4	1.27	93.68	94.85	91.21	$317	($367)	94.18	$135
GPIF System	20.33				$5,087.4	($8,733.1)		($2,932.1)

Plant/Unit	Weighting Factor (%)	ANOHR Target (BTU/KWH)	NOF	ANOHR RANGE Min. (Btu/kwh)	ANOHR RANGE Max. (Btu/kwh)	Max. Fuel Savings ($000)	Max. Fuel Loss ($000)	ANOHR Adjusted Actual (Btu/kwh)	Estimated Fuel Savings/ Loss ($000)
Bartow CC	17.65	7,705	75.1	7,461	7,950	$4,418	($4,418)	7,533	$2,530
Crystal River 4	23.32	10,299	69.3	9,714	10,885	$5,836	($5,836)	10,484	($1,259)
Crystal River 5	20.20	10,434	60.5	9,810	11,058	$5,056	($5,056)	10,637	($1,181)
Hines 1	2.48	7,470	80.8	7,341	7,599	$621	($621)	7,342	$606
Hines 2	4.69	7,402	86.3	7,204	7,599	$1,173	($1,173)	7,381	$0
Hines 3	4.84	7,174	85.9	6,974	7,373	$1,210	($1,210)	7,096	$29
Hines 4	6.49	6,999	89.1	6,824	7,173	$1,625	($1,625)	7,044	$0
GPIF System	79.67					$19,938.4	($19,938.4)		$724.2

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GENERATION PERFORMANCE INCENTIVE FACTOR
ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida
January 2021 - December 2021

Plant/Unit	ACTUAL EAF %	ADJUSTMENTS (1) TO EAF %	ADJUSTED ACTUAL EAF %
Bartow CC	75.41	3.10	78.51
Crystal River 4	68.29	0.01	68.31
Crystal River 5	82.19	3.91	86.10
Hines 1	78.87	4.16	83.03
Hines 2	95.83	-0.14	95.69
Hines 3	64.83	7.92	72.75
Hines 4	91.84	2.34	94.18

Plant/Unit	ACTUAL ANOHR BTU/KWH	ADJUSTMENTS (2) TO ANOHR BTU/KWH	ADJUSTED ACTUAL ANOHR BTU/KWH
Bartow CC	7,534.0	-0.8	7,533.2
Crystal River 4	10,897 2	-412.8	10,484.4
Crystal River 5	10,632 5	4.5	10,637.0
Hines 1	7,311.2	30.6	7,341.8
Hines 2	7,453.9	-72.5	7,381.4
Hines 3	7,163.5	-67.8	7,095.7
Hines 4	7,069.8	-26.1	7,043.7

(1) For documentation of adjustments to actual EAF, see sheet 7 of 24.
(2) For documentation of adjustments to actual ANOHR, see sheet 8 of 24.

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GENERATION PERFORMANCE INCENTIVE FACTOR
ADJUSTMENTS TO EAF ACTUAL

Duke Energy Florida
January 2021 - December 2021

EAF adjustments for Planned Outage Hours			Bartow CC BA4	Crystal River 4 CR4	Crystal River 5 CR5	Hines 1 HN1	Hines 2 HN2	Hines 3 HN3	Hines 4 HN4
1	Actual POH	Hrs.	732.38	1.83	1,039.23	1,441.87	323.63	2,878.52	545.31
2	Target POH	Hrs.	402.00	0.00	672.00	1,056.00	336.00	2,160.00	336.00
3	Adj. Factor (PH-POHT/PH-POHA)		1.04	1.00	1.05	1.05	1.00	1.12	1.03
4	Actual EUOH	Hrs.	1,422.00	2,775.83	521.00	409.08	41.29	202.35	169.63
5	Adj. EUOH (3*4)	Hrs.	1,480.52	2,776.41	545.78	430.65	41.23	227.07	173.95
6	Actual EAF	%	75.41	68.29	82.19	78.87	95.83	64.83	91.84
7	Adjusted EAF (using 2 & 5)	%	78.51	68.31	86.10	83.03	95.69	72.75	94.18
8	Difference (7-6)	%	3.10	0.01	3.91	4.16	-0.14	7.92	2.34
9	Total adj. to EAF	%	3.10	0.01	3.91	4.16	-0.14	7.92	2.34

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GENERATION PERFORMANCE INCENTIVE FACTOR
ADJUSTMENTS TO ANOHR ACTUAL

Duke Energy Florida
January 2021 - December 2021

ANOHR adjustments for Target NOF			Bartow CC BA4	Crystal River 4 CR4	Crystal River 5 CR5	Hines 1 HN1	Hines 2 HN2	Hines 3 HN3	Hines 4 HN4
1	Target NOF	%	75.1	69.3	60.5	80.8	86.3	85.9	89.1
2	Target ANOHR	Btu/kwh	7705.5	10299.3	10433.9	7470.0	7401.8	7173.6	6998.5
3	Actual NOF	%	74.8	54.9	60.7	82.6	81.0	81.5	85.7
4	Calc. ANOHR (using 3)	Btu/kwh	7,706.3	10,712.2	10,429.4	7,439.4	7,474.4	7,241.4	7,024.6
5	Total adj. to ANOHR (2-4)	Btu/kwh	-0.8	-412.8	4.5	30.6	-72.5	-67.8	-26.1

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
January 2021 - December 2021

Unit: Bartow CC

	Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)	
	10	$522,961	93.10	10	$4,417,564	7,460.6	
	9	$470,665	92.90	9	$3,975,807	7,477.6	
	8	$418,369	92.69	8	$3,534,051	7,494.5	
	7	$366,073	92.49	7	$3,092,294	7,511.5	
	6	$313,777	92.28	6	$2,650,538	7,528.5	
	5	$261,481	92.08	5.727	$2,529,939	7,533.2	****
	4	$209,184	91.87	5	$2,208,782	7,545.5	
	3	$156,888	91.67	4	$1,767,025	7,562.5	
	2	$104,592	91.46	3	$1,325,269	7,579.5	
	1	$52,296	91.26	2	$883,513	7,596.5	
		$0	91.05	1	$441,756	7,613.5	
	0	$0	91.05	0	$0	7,630.5	
		$0	91.05	0	$0	7,705.5	
	-1	($65,645)	90.63	0	$0	7,780.5	
	-2	($131,290)	90.21	-1	($441,756)	7,797.5	
	-3	($196,935)	89.79	-2	($883,513)	7,814.5	
	-4	($262,580)	89.37	-3	($1,325,269)	7,831.5	
	-5	($328,225)	88.95	-4	($1,767,025)	7,848.5	
	-6	($393,870)	88.53	-5	($2,208,782)	7,865.4	
	-7	($459,515)	88.11	-6	($2,650,538)	7,882.4	
	-8	($525,160)	87.69	-7	($3,092,294)	7,899.4	
	-9	($590,805)	87.27	-8	($3,534,051)	7,916.4	
	-10	($656,450)	86.85	-9	($3,975,807)	7,933.4	
****	-10	($656,450)	86.85	-10	($4,417,564)	7,950.4	

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
2.09%	17.65%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
January 2021 - December 2021

Unit: Crystal River 4

	Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)	
	10	$2,187,129	92.55	10	$5,835,797	9,714.1	
	9	$1,968,416	91.90	9	$5,252,217	9,765.1	
	8	$1,749,703	91.26	8	$4,668,638	9,816.1	
	7	$1,530,990	90.62	7	$4,085,058	9,867.1	
	6	$1,312,277	89.97	6	$3,501,478	9,918.2	
	5	$1,093,564	89.33	5	$2,917,899	9,969.2	
	4	$874,851	88.69	4	$2,334,319	10,020.2	
	3	$656,139	88.04	3	$1,750,739	10,071.2	
	2	$437,426	87.40	2	$1,167,159	10,122.3	
	1	$218,713	86.76	1	$583,580	10,173.3	
		$0	86.11	0	$0	10,224.3	
	0	$0	86.11	0	$0	10,299.3	
		$0	86.11	0	$0	10,374.3	
	-1	($374,281)	84.84	-1	($583,580)	10,425.4	
	-2	($748,561)	83.57	-2	($1,167,159)	10,476.4	
	-3	($1,122,842)	82.30	-2.158	($1,259,365)	10,484.4	****
	-4	($1,497,122)	81.03	-3	($1,750,739)	10,527.4	
	-5	($1,871,403)	79.76	-4	($2,334,319)	10,578.4	
	-6	($2,245,684)	78.49	-5	($2,917,899)	10,629.5	
	-7	($2,619,964)	77.22	-6	($3,501,478)	10,680.5	
	-8	($2,994,245)	75.95	-7	($4,085,058)	10,731.5	
	-9	($3,368,525)	74.68	-8	($4,668,638)	10,782.5	
	-10	($3,742,806)	73.41	-9	($5,252,217)	10,833.6	
****	-10	($3,742,806)	73.41	-10	($5,835,797)	10,884.6	

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
8.74%	23.32%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
January 2021 - December 2021

Unit: Crystal River 5

	Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)	
	10	$1,625,520	86.28	10	$5,055,932	9,810.2	
****	9.662	$1,570,577	86.10	9	$4,550,339	9,865.1	
	9	$1,462,968	85.75	8	$4,044,746	9,919.9	
	8	$1,300,416	85.22	7	$3,539,152	9,974.8	
	7	$1,137,864	84.70	6	$3,033,559	10,029.7	
	6	$975,312	84.17	5	$2,527,966	10,084.5	
	5	$812,760	83.64	4	$2,022,373	10,139.4	
	4	$650,208	83.12	3	$1,516,780	10,194.3	
	3	$487,656	82.59	2	$1,011,186	10,249.1	
	2	$325,104	82.07	1	$505,593	10,304.0	
	1	$162,552	81.54	0	$0	10,358.9	
		$0	81.01	0	$0	10,433.9	
	0	$0	81.01	0	$0	10,508.9	
		$0	81.01	-1	($505,593)	10,563.7	
	-1	($295,406)	79.97	-2	($1,011,186)	10,618.6	
	-2	($590,812)	78.92	-2.335	($1,180,560)	10,637.0	****
	-3	($886,217)	77.87	-3	($1,516,780)	10,673.5	
	-4	($1,181,623)	76.82	-4	($2,022,373)	10,728.3	
	-5	($1,477,029)	75.77	-5	($2,527,966)	10,783.2	
	-6	($1,772,435)	74.73	-6	($3,033,559)	10,838.1	
	-7	($2,067,841)	73.68	-7	($3,539,152)	10,892.9	
	-8	($2,363,246)	72.63	-8	($4,044,746)	10,947.8	
	-9	($2,658,652)	71.58	-9	($4,550,339)	11,002.7	
	-10	($2,954,058)	70.54	-10	($5,055,932)	11,057.5	

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
6.50%	20.20%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
January 2021 - December 2021

Unit: Hines 1

	Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)	
	10	$192,952	85.91	10	$620,607	7,340.5	
	9	$173,657	85.73	9.759	$605,651	7,341.8	****
	8	$154,362	85.55	9	$558,547	7,346.0	
	7	$135,066	85.38	8	$496,486	7,351.4	
	6	$115,771	85.20	7	$434,425	7,356.9	
	5	$96,476	85.02	6	$372,364	7,362.3	
	4	$77,181	84.84	5	$310,304	7,367.8	
	3	$57,886	84.66	4	$248,243	7,373.2	
	2	$38,590	84.48	3	$186,182	7,378.6	
	1	$19,295	84.31	2	$124,121	7,384.1	
		$0	84.13	1	$62,061	7,389.5	
	0	$0	84.13	0	$0	7,395.0	
		$0	84.13	0	$0	7,470.0	
	-1	($64,260)	83.77	0	$0	7,545.0	
	-2	($128,520)	83.41	-1	($62,061)	7,550.4	
	-3	($192,780)	83.05	-2	($124,121)	7,555.9	
****	-3.068	($197,150)	83.03	-3	($186,182)	7,561.3	
	-4	($257,040)	82.70	-4	($248,243)	7,566.8	
	-5	($321,300)	82.34	-5	($310,304)	7,572.2	
	-6	($385,560)	81.98	-6	($372,364)	7,577.7	
	-7	($449,820)	81.62	-7	($434,425)	7,583.1	
	-8	($514,080)	81.26	-8	($496,486)	7,588.5	
	-9	($578,340)	80.91	-9	($558,547)	7,594.0	
	-10	($642,600)	80.55	-10	($620,607)	7,599.4	

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
0.77%	2.48%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
January 2021 - December 2021

Unit: Hines 2

	Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)	
****	10	$40,503	95.40	10	$1,173,063	7,204.5	
	10	$40,503	95.40	9	$1,055,757	7,216.7	
	9	$36,452	95.33	8	$938,451	7,228.9	
	8	$32,402	95.26	7	$821,144	7,241.2	
	7	$28,352	95.19	6	$703,838	7,253.4	
	6	$24,302	95.13	5	$586,532	7,265.6	
	5	$20,251	95.06	4	$469,225	7,277.9	
	4	$16,201	94.99	3	$351,919	7,290.1	
	3	$12,151	94.92	2	$234,613	7,302.3	
	2	$8,101	94.85	1	$117,306	7,314.6	
	1	$4,050	94.78	0	$0	7,326.8	
		$0	94.71	0.000	$0	7,381.4	****
	0	$0	94.71	0	$0	7,401.8	
		$0	94.71	0	$0	7,476.8	
	-1	($22,203)	94.57	-1	($117,306)	7,489.1	
	-2	($44,406)	94.43	-2	($234,613)	7,501.3	
	-3	($66,609)	94.29	-3	($351,919)	7,513.5	
	-4	($88,812)	94.15	-4	($469,225)	7,525.8	
	-5	($111,015)	94.01	-5	($586,532)	7,538.0	
	-6	($133,218)	93.86	-6	($703,838)	7,550.2	
	-7	($155,421)	93.72	-7	($821,144)	7,562.5	
	-8	($177,624)	93.58	-8	($938,451)	7,574.7	
	-9	($199,827)	93.44	-9	($1,055,757)	7,586.9	
	-10	($222,030)	93.30	-10	($1,173,063)	7,599.2	

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
0.16%	4.69%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
January 2021 - December 2021

Unit: Hines 3

	Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)	
	10	$201,411	74.45	10	$1,210,451	6,974.4	
	9	$181,270	74.37	9	$1,089,406	6,986.9	
	8	$161,129	74.29	8	$968,361	6,999.3	
	7	$140,988	74.21	7	$847,316	7,011.7	
	6	$120,847	74.13	6	$726,271	7,024.1	
	5	$100,706	74.06	5	$605,226	7,036.5	
	4	$80,564	73.98	4	$484,180	7,049.0	
	3	$60,423	73.90	3	$363,135	7,061.4	
	2	$40,282	73.82	2	$242,090	7,073.8	
	1	$20,141	73.74	1	$121,045	7,086.2	
		$0	73.66	0.236	$28,567	7,095.7	****
	0	$0	73.66	0	$0	7,098.6	
		$0	73.66	0	$0	7,173.6	
	-1	($14,830)	73.49	0	$0	7,248.6	
	-2	($29,660)	73.33	-1	($121,045)	7,261.0	
	-3	($44,490)	73.17	-2	($242,090)	7,273.5	
	-4	($59,320)	73.00	-3	($363,135)	7,285.9	
	-5	($74,149)	72.84	-4	($484,180)	7,298.3	
****	-5.54	($82,158)	72.75	-5	($605,226)	7,310.7	
	-6	($88,979)	72.67	-6	($726,271)	7,323.1	
	-7	($103,809)	72.51	-7	($847,316)	7,335.6	
	-8	($118,639)	72.35	-8	($968,361)	7,348.0	
	-9	($133,469)	72.18	-9	($1,089,406)	7,360.4	
	-10	($148,299)	72.02	-10	($1,210,451)	7,372.8	

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
0.80%	4.84%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
January 2021 - December 2021

Unit: Hines 4

	Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)	
	10	$316,970	94.85	10	$1,625,014	6,824.3	
	9	$285,273	94.74	9	$1,462,513	6,834.3	
	8	$253,576	94.62	8	$1,300,011	6,844.2	
	7	$221,879	94.50	7	$1,137,510	6,854.1	
	6	$190,182	94.38	6	$975,008	6,864.0	
	5	$158,485	94.26	5	$812,507	6,873.9	
****	4.27	$135,346	94.18	4	$650,006	6,883.8	
	4	$126,788	94.15	3	$487,504	6,893.8	
	3	$95,091	94.03	2	$325,003	6,903.7	
	2	$63,394	93.91	1	$162,501	6,913.6	
	1	$31,697	93.79	0	$0	6,923.5	
		$0	93.68	0.000	$0	7,043.7	****
	0	$0	93.68	0	$0	6,998.5	
		$0	93.68	0	$0	7,073.5	
	-1	($36,688)	93.43	-1	($162,501)	7,083.4	
	-2	($73,377)	93.18	-2	($325,003)	7,093.4	
	-3	($110,065)	92.94	-3	($487,504)	7,103.3	
	-4	($146,753)	92.69	-4	($650,006)	7,113.2	
	-5	($183,442)	92.44	-5	($812,507)	7,123.1	
	-6	($220,130)	92.20	-6	($975,008)	7,133.0	
	-7	($256,819)	91.95	-7	($1,137,510)	7,142.9	
	-8	($293,507)	91.70	-8	($1,300,011)	7,152.9	
	-9	($330,195)	91.46	-9	($1,462,513)	7,162.8	
	-10	($366,884)	91.21	-10	($1,625,014)	7,172.7	

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
1.27%	6.49%

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ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Bartow CC	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-Dec Period
1. EAF	76.62	75.31	82.47	85.28	79.43	75.76	67.86	62.46	76.15	72.59	65.12	85.85	75.41
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	491.2	468.1	606.8	613.7	593.6	548.1	507.6	466.9	550.4	524.3	348.7	559.7	5,717.7
4. RSH	80.7	40.0	8.7	0.7	0.0	0.0	0.0	0.2	0.6	17.8	120.8	79.1	348.4
5. UH	172.1	164.0	127.5	105.7	150.4	171.9	236.4	277.0	169.0	201.9	251.5	105.2	2,132.5
6. POH	0.0	0.0	0.0	57.1	2.9	46.5	120.0	120.0	53.7	80.7	218.9	32.7	732.4
7. FOH	172.1	115.3	127.5	48.6	147.5	112.7	116.4	157.0	115.4	117.6	32.6	4.2	1,266.7
8. MOH	0.0	48.7	0.0	0.0	0.0	12.7	0.0	0.0	0.0	3.7	0.0	68.4	133.4
9. PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. LR PP (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11. PFOH	165.7	223.6	247.2	28.3	238.6	239.6	247.6	211.8	237.8	176.8	0.0	0.0	2,017.1
12. LR PF (MW)	13.0	10.2	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	0.0	0.0	12.7
13. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15. NSC (MW)	1,169	1,169	1,169	1,169	1,169	1,169	1,169	1,169	1,169	1,169	1,169	1,169	1,169
16. OPER MBTU	3,009,590	3,248,580	4,027,760	4,164,210	3,801,770	3,423,480	2,777,720	2,714,880	3,397,700	2,827,576	982,651	3,305,100	37,681,017
17. NET GEN (MWH)	371,666	405,079	545,492	567,154	509,059	459,979	370,554	346,447	458,292	391,502	131,068	445,176	5,001,468
18. ANOHR (BTU/KWH)	8,097.6	8,019.6	7,383.7	7,342.3	7,468.2	7,442.7	7,496.1	7,836.4	7,413.8	7,222.4	7,497.3	7,424.3	7,534.0
19. NOF (%)	64.72	74.03	76.90	79.06	73.36	71.79	62.44	63.48	71.23	75.49	74.30	68.04	74.83
20. NPC (MW)	1,169	1,169	1,169	1,169	1,169	1,169	1,169	1,169	1,169	1,169	1,169	1,169	1,169
ANOHR EQUATION:	ANOHR=	-3.674	x NOF +	7,981.22									

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ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Crystal River 4	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-Dec Period
1. EAF	0.00	0.00	13.64	95.58	85.86	77.24	67.12	99.86	92.61	86.53	97.22	100.00	68.29
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	0.0	0.0	137.6	713.3	654.5	675.6	633.3	744.0	674.9	656.9	530.9	158.8	5,579.8
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	190.1	585.2	775.3
5. UH	744.0	672.0	605.4	6.7	89.5	44.4	110.7	0.0	45.1	87.1	0.0	0.0	2,404.9
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7. FOH	744.0	672.0	605.4	6.7	20.7	41.6	21.7	0.0	45.1	0.0	0.0	0.0	2,157.2
8. MOH	0.0	0.0	0.0	0.0	68.8	2.8	89.0	0.0	0.0	87.1	0.0	0.0	247.7
9. PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	14.0
10. LR PP (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	93.0	0.0	0.0	93.0
11. PFOH	0.0	0.0	72.9	91.6	86.2	235.6	287.5	7.9	47.0	84.5	22.0	0.0	935.2
12. LR PF (MW)	0.0	0.0	353.7	182.8	129.4	309.0	331.6	93.0	122.4	95.2	437.0	0.0	263.0
13. PMOH	0.0	0.0	0.0	12.6	0.0	37.6	0.0	0.0	0.0	0.0	50.0	0.0	100.2
14. LR PM (MW)	0.0	0.0	0.0	92.8	0.0	326.8	0.0	0.0	0.0	0.0	93.0	0.0	180.7
15. NSC (MW)	712	712	712	712	712	712	712	712	712	712	712	712	712
16. OPER MBTU	0	0	529,940	3,452,550	3,288,630	3,358,340	2,976,900	4,074,820	2,093,530	1,920,180	1,350,320	702,630	23,747,840
17. NET GEN (MWH)	0	0	41,724	335,824	319,517	320,470	281,351	397,073	163,964	150,076	106,408	62,844	2,179,251
18. ANOHR (BTU/KWH)	0.0	0.0	12,701.1	10,280.8	10,292.5	10,479.4	10,580.7	10,262.1	12,768.2	12,794.7	12,690.0	11,180.5	10,897.2
19. NOF (%)	0.00	0.00	42.59	66.12	68.57	66.62	62.40	74.96	34.12	32.09	28.15	55.57	54.85
20. NPC (MW)	712	712	712	712	712	712	712	712	712	712	712	712	712

ANOHR EQUATION: ANOHR= -28.596 x NOF + 12,280.75

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ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Crystal River 5	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-Dec Period
1. EAF	94.97	93.80	98.56	87.06	94.17	80.00	93.15	88.07	99.48	99.38	19.97	37.52	82.19
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	615.0	664.0	743.0	654.0	703.7	590.5	744.0	673.3	551.1	607.9	0.0	98.5	6,645.0
4. RSH	105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	168.9	136.1	144.0	201.7	755.7
5. UH	24.0	8.0	0.0	66.0	40.3	129.5	0.0	70.7	0.0	0.0	577.0	443.8	1,359.3
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	577.0	443.8	1,020.8
7. FOH	24.0	8.0	0.0	66.0	40.3	129.5	0.0	4.2	0.0	0.0	0.0	0.0	272.0
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.5	0.0	0.0	0.0	0.0	66.5
9. PPOH	0.0	31.7	0.0	0.0	0.0	3.7	0.0	0.0	0.0	8.0	0.0	0.0	43.4
10. LR PP (MW)	0.0	298.2	0.0	0.0	0.0	90.9	0.0	0.0	0.0	410.0	0.0	0.0	301.3
11. PFOH	33.8	61.6	24.9	91.7	12.9	77.4	201.3	52.3	12.5	0.0	0.0	53.0	621.3
12. LR PF (MW)	281.9	216.4	306.0	153.3	168.0	129.0	179.8	244.2	213.2	0.0	0.0	282.0	198.3
13. PMOH	0.0	11.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0
14. LR PM (MW)	0.0	101.8	0.0	290.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	218.6
15. NSC (MW)	710	710	710	710	710	710	710	710	710	710	710	710	710
16. OPER MBTU	2,554,180	3,923,300	3,466,340	2,929,150	3,368,810	3,285,230	3,835,560	3,467,060	1,638,820	1,731,960	0	240,900	30,441,310
17. NET GEN (MWH)	243,139	409,436	341,957	268,825	321,255	312,461	360,468	327,290	128,103	130,993	0	19,125	2,863,052
18. ANOHR (BTU/KWH)	10,505.0	9,582.2	10,136.8	10,896.1	10,486.4	10,514.0	10,640.5	10,593.2	12,793.0	13,221.8	0.0	12,596.1	10,632.5
19. NOF (%)	55.68	86.85	64.82	57.89	64.30	74.53	68.24	68.47	32.74	30.35	0.00	27.34	60.68
20. NPC (MW)	710	710	710	710	710	710	710	710	710	710	710	710	710
ANOHR EQUATION:	ANOHR=	-27.456	x NOF +	12,095.55									

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ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Hines 1	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-Dec Period
1. EAF	98.70	86.94	100.00	33.17	0.00	51.25	93.61	89.82	94.25	100.00	98.24	100.00	78.87
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	734.3	515.0	743.0	238.9	0.0	346.3	695.6	668.0	679.8	737.3	668.6	744.0	6,771.0
4. RSH	0.0	70.2	0.0	0.0	0.0	22.7	3.1	10.7	4.4	6.7	41.4	0.0	159.1
5. UH	9.7	86.7	0.0	481.1	744.0	351.0	45.3	65.3	35.7	0.0	11.0	0.0	1,829.9
6. POH	0.0	0.0	0.0	481.1	744.0	215.1	0.0	0.0	0.0	0.0	0.0	0.0	1,440.2
7. FOH	9.7	86.7	0.0	0.0	0.0	135.9	25.9	65.3	35.7	0.0	11.0	0.0	370.3
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	19.4	0.0	0.0	0.0	0.0	0.0	19.4
9. PPOH	0.0	0.0	0.0	0.0	0.0	0.0	10.9	0.0	0.0	0.0	0.0	0.0	10.9
10. LR PP (MW)	0.0	0.0	0.0	0.0	0.0	0.0	75.7	0.0	0.0	0.0	0.0	0.0	75.7
11. PFOH	0.0	6.2	0.0	2.0	0.0	0.0	6.9	61.5	33.4	0.0	10.3	0.0	120.3
12. LR PF (MW)	0.0	78.0	0.0	23.9	0.0	0.0	41.4	83.0	82.9	0.0	78.0	0.0	78.9
13. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15. NSC (MW)	490	490	490	490	490	490	490	490	490	490	490	490	490
16. OPER MBTU	2,447,180	1,470,070	2,348,430	716,040	0	943,010	2,042,930	1,953,750	1,969,470	2,160,730	1,898,220	2,089,710	20,039,540
17. NET GEN (MWH)	337,478	194,896	325,063	102,549	0	124,781	276,192	264,272	269,773	305,359	257,694	282,863	2,740,920
18. ANOHR (BTU/KWH)	7,251.4	7,542.8	7,224.5	6,982.4	0.0	7,557.3	7,396.8	7,393.0	7,300.5	7,076.0	7,366.2	7,387.7	7,311.2
19. NOF (%)	93.79	77.23	89.29	87.60	0.00	73.53	81.03	80.73	80.99	84.52	78.66	77.59	82.61
20. NPC (MW)	490	490	490	490	490	490	490	490	490	490	490	490	490
ANOHR EQUATION:	ANOHR=	-16.520	x NOF +	8,804.15									

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ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Hines 2	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-Dec Period
1. EAF	100.00	100.00	100.00	100.00	99.58	100.00	99.74	100.00	95.60	99.38	86.14	69.93	95.83
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	608.0	621.6	537.5	697.4	725.0	720.0	735.2	744.0	685.3	734.4	606.4	491.7	7,906.6
4. RSH	136.0	50.4	205.5	22.6	16.3	0.0	6.9	0.0	3.1	6.5	14.8	28.6	490.6
5. UH	0.0	0.0	0.0	0.0	2.7	0.0	1.9	0.0	31.7	3.1	99.8	223.7	362.8
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.8	223.7	323.5
7. FOH	0.0	0.0	0.0	0.0	2.7	0.0	1.9	0.0	0.0	3.1	0.0	0.0	7.7
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.7	0.0	0.0	0.0	31.7
9. PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	1.7
10. LR PP (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.1	0.0	49.1
11. PFOH	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	13.5	0.0	0.0	16.0
12. LR PF (MW)	0.0	0.0	0.0	0.0	94.4	0.0	0.0	0.0	0.0	57.6	0.0	0.0	63.4
13. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15. NSC (MW)	524	524	524	524	524	524	524	524	524	524	524	524	524
16. OPER MBTU	1,766,010	1,898,050	1,653,660	2,288,660	2,302,280	2,413,160	2,373,440	2,452,090	2,201,090	2,319,550	1,869,390	1,466,380	25,003,760
17. NET GEN (MWH)	235,715	249,585	220,637	313,833	313,341	321,959	316,304	327,132	293,801	318,746	248,008	195,373	3,354,434
18. ANOHR (BTU/KWH)	7,492.1	7,604.8	7,494.9	7,292.6	7,347.5	7,495.2	7,503.7	7,495.7	7,491.8	7,277.1	7,537.6	7,505.5	7,453.9
19. NOF (%)	73.98	76.62	78.33	85.88	82.48	85.34	82.11	83.91	81.82	82.83	78.05	75.83	80.97
20. NPC (MW)	524	524	524	524	524	524	524	524	524	524	524	524	524
ANOHR EQUATION:	ANOHR=	-13.633	x NOF +	8,578.16									

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ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Hines 3	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-Dec Period
1. EAF	97.33	42.86	0.00	0.00	0.00	41.53	100.00	100.00	93.99	99.23	100.00	100.00	64.83
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	360.5	68.6	0.0	0.0	0.0	299.0	744.0	744.0	670.5	705.3	677.6	744.0	5,013.5
4. RSH	363.6	219.4	0.0	0.0	0.0	0.0	0.0	0.0	9.5	33.9	43.4	0.0	669.8
5. UH	19.9	384.0	743.0	720.0	744.0	421.0	0.0	0.0	40.0	4.8	0.0	0.0	3,076.7
6. POH	0.0	384.0	743.0	720.0	744.0	287.4	0.0	0.0	0.0	0.0	0.0	0.0	2,878.4
7. FOH	19.9	0.0	0.0	0.0	0.0	133.6	0.0	0.0	26.3	4.8	0.0	0.0	184.6
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.8	0.0	0.0	0.0	13.8
9. PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0
10. LR PP (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.3	0.0	0.0	80.3
11. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.5	4.7	0.0	0.0	24.2
12. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86.3	86.6	0.0	0.0	86.4
13. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15. NSC (MW)	521	521	521	521	521	521	521	521	521	521	521	521	521
16. OPER MBTU	942,250	191,430	0	0	0	919,460	2,347,470	2,400,960	2,109,940	2,127,730	1,985,750	2,233,840	15,258,830
17. NET GEN (MWH)	132,532	25,683	0	0	0	124,414	327,307	335,536	294,577	304,750	273,820	311,458	2,130,077
18. ANOHR (BTU/KWH)	7,109.6	7,453.6	0.0	0.0	0.0	7,390.3	7,172.1	7,155.6	7,162.6	6,981.9	7,252.0	7,172.2	7,163.5
19. NOF (%)	70.56	71.82	0.00	0.00	0.00	79.86	84.44	86.56	84.33	82.94	77.56	80.35	81.55
20. NPC (MW)	521	521	521	521	521	521	521	521	521	521	521	521	521

ANOHR EQUATION: ANOHR= -15.726 x NOF + 8,523.87

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ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Hines 4	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-Dec Period
1. EAF	100.00	100.00	100.00	95.55	100.00	99.88	100.00	95.56	85.37	70.96	54.56	100.00	91.84
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	247.5	657.2	730.9	645.0	734.5	720.0	744.0	712.5	614.7	528.1	348.3	717.2	7,399.8
4. RSH	496.5	14.8	12.1	44.1	9.5	0.0	0.0	0.0	0.0	0.0	45.0	26.8	648.9
5. UH	0.0	0.0	0.0	30.9	0.0	0.0	0.0	31.5	105.3	215.9	327.6	0.0	711.2
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	215.9	327.6	0.0	543.5
7. FOH	0.0	0.0	0.0	30.9	0.0	0.0	0.0	31.5	105.3	0.0	0.1	0.0	167.7
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9. PPOH	0.0	0.0	0.0	0.0	0.0	7.5	0.0	7.5	0.0	1.3	0.0	0.0	16.3
10. LR PP (MW)	0.0	0.0	0.0	0.0	0.0	57.9	0.0	58.4	0.0	58.0	0.0	0.0	58.1
11. PFOH	0.0	0.0	0.0	7.7	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	11.9
12. LR PF (MW)	0.0	0.0	0.0	79.6	0.0	0.0	0.0	85.9	0.0	0.0	0.0	0.0	81.8
13. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15. NSC (MW)	519	519	519	519	519	519	519	519	519	519	519	519	519
16. OPER MBTU	667,790	2,091,980	2,329,870	1,987,870	2,317,060	2,376,670	2,383,620	2,303,390	1,955,770	1,642,590	1,085,780	2,132,920	23,275,310
17. NET GEN (MWH)	96,627	297,969	331,999	285,888	329,922	332,462	331,674	322,359	273,879	237,098	152,629	299,692	3,292,198
18. ANOHR (BTU/KWH)	6,911.0	7,020.8	7,017.7	6,953.3	7,023.1	7,148.7	7,186.6	7,145.4	7,141.0	6,927.9	7,113.9	7,117.0	7,069.8
19. NOF (%)	75.24	87.36	87.53	85.40	86.55	88.97	85.90	87.17	85.85	86.51	84.42	80.51	85.72
20. NPC (MW)	519	519	519	519	519	519	519	519	519	519	519	519	519
ANOHR EQUATION:	ANOHR=	-7.744	x NOF +	7,688.48									

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PLANNED OUTAGE SCHEDULES
ACTUAL

Duke Energy Florida
January 2021 - December 2021

Plant/Unit	Planned Outage Dates	Reason for Outage
Bartow CC	04/17 (0010) - 05/01 (1711)	4B: Gas Turbine - Boroscope Inspection
Bartow CC	06/18 (2331) - 09/14 (2051)	4D: Generator Rotor Windings
Bartow CC	10/23 (0320) - 11/23 (0752)	4S: Inspection
Bartow CC	10/30 (0000) - 11/09 (1624)	4A: Borescope Inspection
Bartow CC	12/03 (2236) - 12/11 (2301)	4B: Fuel piping & valves
Crystal River 5	11/07 (0000) - 12/19 (1149)	Major boiler overhaul
Hines 1	04/10 (2255) - 06/10 (1300)	General Gas Turbine Unit Inspection
Hines 2	11/26 (2008) - 12/11 (1633)	General Gas Turbine Unit Inspection
Hines 3	02/13 (0000) - 06/13 (1100)	General Gas Turbine Unit Inspection
Hines 3	06/13 (2317) - 06/14 (2329)	Gas Fuel System with Controls and Instruments
Hines 3	06/19 (2332) - 06/20 (0300)	Generator Voltage Control
Hines 4	10/22 (2332) - 11/16 (1503)	General Unit Inspection

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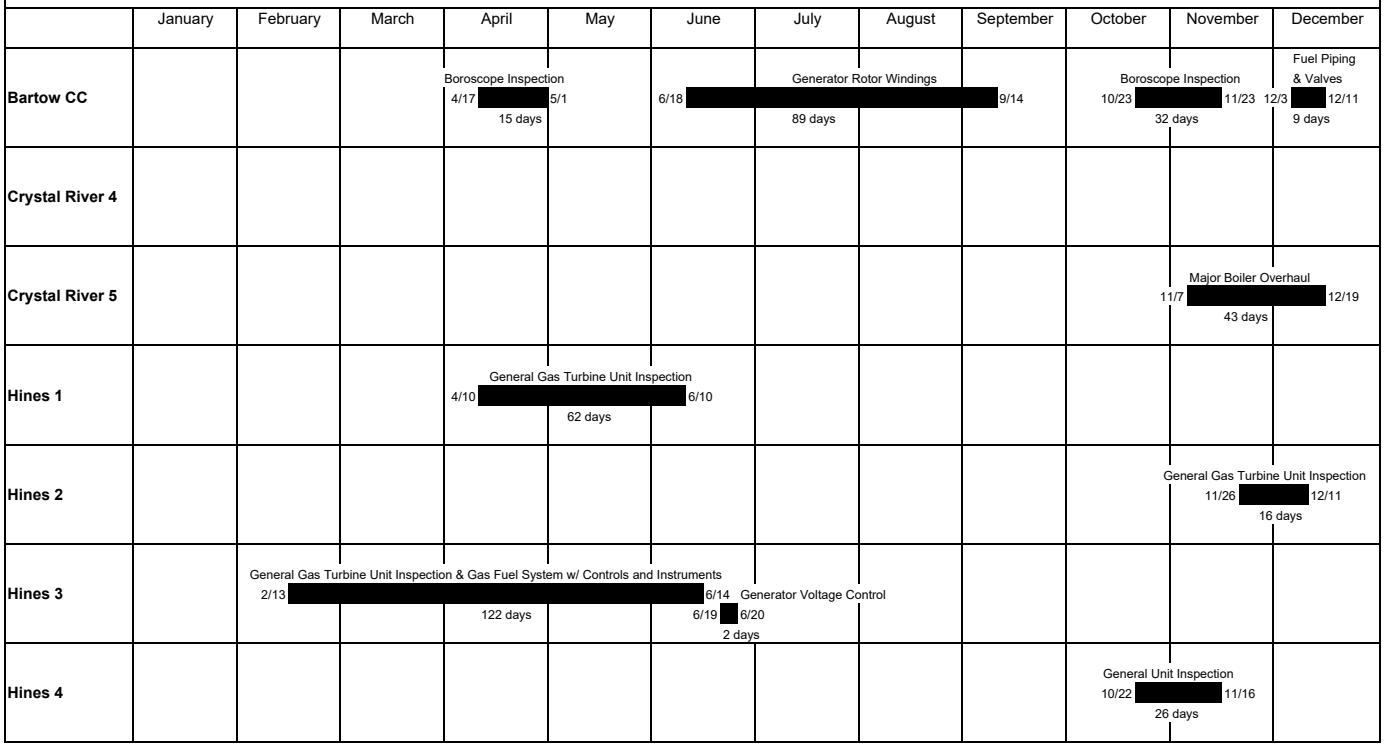
Planned Outage Schedule - Actual

Duke Energy Florida

January 2021 - December 2021



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GPIF Targets and Ranges for January through December 2023

STANDARD FORM GPIF SCHEDULES

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GENERATING PERFORMANCE INCENTIVE FACTOR

REWARD/PENALTY TABLE

ESTIMATED

Duke Energy Florida
Period of: January 2023 - December 2023

Generating Performance Incentive Points (GPIF)	Fuel Saving/Loss ($)	Generating Performance Incentive Factor ($)
10	$50,971,604	$25,485,802
9	$45,874,444	$22,937,222
8	$40,777,283	$20,388,642
7	$35,680,123	$17,840,061
6	$30,582,962	$15,291,481
5	$25,485,802	$12,742,901
4	$20,388,642	$10,194,321
3	$15,291,481	$7,645,741
2	$10,194,321	$5,097,160
1	$5,097,160	$2,548,580
0	$0	$0
-1	($5,846,457)	($2,548,580)
-2	($11,692,913)	($5,097,160)
-3	($17,539,370)	($7,645,741)
-4	($23,385,827)	($10,194,321)
-5	($29,232,283)	($12,742,901)
-6	($35,078,740)	($15,291,481)
-7	($40,925,197)	($17,840,061)
-8	($46,771,653)	($20,388,642)
-9	($52,618,110)	($22,937,222)
-10	($58,464,567)	($25,485,802)

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GENERATION PERFORMANCE INCENTIVE FACTOR

CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS

ESTIMATED

Duke Energy Florida
Period of: January 2023 - December 2023

1	Beginning of period balance of common equity	$9,036,403,415	
	END OF MONTH BALANCE OF COMMON EQUITY:		
2	Month of JANUARY 2023	$9,103,543,941	
3	Month of FEBRUARY 2023	$9,172,198,670	
4	Month of MARCH 2023	$9,223,002,400	
5	Month of APRIL 2023	$9,281,922,710	
6	Month of MAY 2023	$9,371,623,417	
7	Month of JUNE 2023	$9,473,372,462	
8	Month of JULY 2023	$9,592,227,057	
9	Month of AUGUST 2023	$9,536,794,876	
10	Month of SEPTEMBER 2023	$9,640,105,534	
11	Month of OCTOBER 2023	$9,716,009,752	
12	Month of NOVEMBER 2023	$9,769,559,656	
13	Month of DECEMBER 2023	$9,850,558,985	
14	Average common equity for the period (Summation of LINE 1 through LINE 13 divided by 13)	$9,443,640,221	
15	25 Basis Points	0.0025	
16	Revenue Expansion Factor	74.5026%	
17	Maximum allowed incentive dollars (LINE 14 times LINE 15 divided by LINE 16)	$31,688,975	
18	Jurisdictional Sales	39,534,801	MWH
19	Total Sales	39,551,925	MWH
20	Jurisdictional Separation Factor (LINE 18 divided by LINE 19)	99.96%	
21	Maximum allowed jurisdictional incentive dollars (LINE 17 times LINE 20)	$31,676,299	
22	Incentive Cap (50% of Projected Fuel Savings at 10 GPIF Point Level) From Sheet No. 7.101.1	$25,485,802	
23	Maximum Allowed GPIF Reward (Lesser of Line 21 and Line 22)	$25,485,802	

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GPIF TARGET AND RANGE SUMMARY

Duke Energy Florida
Period of: January 2023 - December 2023

Plant/Unit	Weighting Factor (%)	EAF Target (%)	EAF RANGE Max. (%)	EAF RANGE Min. (%)	Max. Fuel Savings ($000)	Max. Fuel Loss ($000)
Bartow 4	5.49	84.52	88.62	76.21	2,800	(5,381)
Citrus County 1	1.91	88.99	90.18	86.51	973	(2,288)
Citrus County 2	1.94	88.95	90.16	86.46	991	(2,071)
Crystal River 4	3.52	84.37	91.42	71.39	1,794	(1,716)
Hines 1	1.55	81.52	83.63	77.21	791	(1,569)
Hines 2	0.50	88.93	89.63	87.48	256	(294)
Hines 3	0.58	86.94	88.32	84.12	296	(946)
Hines 4	2.26	81.42	84.50	75.01	1,150	(2,279)
GPIF System	17.76				9,050	(16,543)

Plant/Unit	Weighting Factor (%)	ANOHR Target (BTU/KWH)	NOF	ANOHR RANGE Min. (BTU/KWH)	ANOHR RANGE Max. (BTU/KWH)	Max. Fuel Savings ($000)	Max. Fuel Loss ($000)
Bartow 4	30.26	7,571	73.8	7,215	7,928	15,422	(15,422)
Citrus County 1	9.66	6,645	93.8	6,521	6,770	4,923	(4,923)
Citrus County 2	9.44	6,665	94.1	6,545	6,785	4,811	(4,811)
Crystal River 4	8.51	10,972	55.1	10,269	11,674	4,338	(4,338)
Hines 1	6.22	7,368	83.5	7,190	7,546	3,168	(3,168)
Hines 2	4.76	7,624	67.8	7,449	7,800	2,426	(2,426)
Hines 3	6.63	7,216	81.8	7,056	7,377	3,379	(3,379)
Hines 4	6.78	7,068	87.0	6,908	7,227	3,454	(3,454)
GPIF System	82.24					41,921	(41,921)

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COMPARISON OF GPIF TARGETS VS. PRIOR PERIODS' ACTUAL PERFORMANCE AVAILABILITY

Duke Energy Florida
Period of: January 2023 - December 2023

Plant/Unit	Target Wt. Factor	Norm. Wt. Factor	Target POF	Target EUOF	Target EUOR	Actual Performance 1st Prior Period Jan-Jun 2022 POF	Actual Performance 1st Prior Period Jan-Jun 2022 EUOF	Actual Performance 1st Prior Period Jan-Jun 2022 EUOR	Actual Performance 2nd Prior Period Jan-Dec 2021 POF	Actual Performance 2nd Prior Period Jan-Dec 2021 EUOF	Actual Performance 2nd Prior Period Jan-Dec 2021 EUOR
Bartow 4	5.49	30.94	6.71	8.77	8.77	3.95	7.28	8.00	8.36	16.23	18 52
Citrus County 1	1.91	10.75	8.49	2.52	2.68	20.05	1.73	2.17	11.42	4.43	5 01
Citrus County 2	1.94	10.95	8.49	2.56	2.72	2.64	1.23	1 27	10.92	3.26	3 67
Crystal River 4	3.52	19.82	0.00	15.63	25.60	26.97	10.67	18 08	0.00	31.67	34.75
Hines 1	1.55	8.74	13.97	4.51	5.39	0.00	6.63	6 69	16.44	4.67	5.71
Hines 2	0.50	2.83	9.59	1.48	2.11	33.44	2.21	3 60	3.69	0.47	0 52
Hines 3	0.58	3 27	10.14	2.92	3 34	0.00	3.45	3 54	32.86	2.31	3 88
Hines 4	2.26	12.70	12.05	6.53	7.46	0.00	21.92	22.45	6.20	1.94	2 24
GPIF System Wghtd. Avg.	17.76	100 00	7.27	7.72	9 96	9.96	8.23	10 09	8.41	12.88	14.48

Plant/Unit	Actual Performance 3rd Prior Period Jan-Dec 2020 POF	Actual Performance 3rd Prior Period Jan-Dec 2020 EUOF	Actual Performance 3rd Prior Period Jan-Dec 2020 EUOR	Actual Performance 4th Prior Period Jan-Dec 2019 POF	Actual Performance 4th Prior Period Jan-Dec 2019 EUOF	Actual Performance 4th Prior Period Jan-Dec 2019 EUOR	Actual Performance 5th Prior Period Jan-Dec 2018 POF	Actual Performance 5th Prior Period Jan-Dec 2018 EUOF	Actual Performance 5th Prior Period Jan-Dec 2018 EUOR
Bartow 4	4.70	2.37	2.68	16.42	1.89	2.39	1.86	6.00	6 33
Citrus County 1	7.67	1.55	1.70	13.47	2.45	2.87	N/A	N/A	N/A
Citrus County 2	6.20	1.22	1.31	14.06	4.12	4.85	N/A	N/A	N/A
Crystal River 4	8.73	5.71	6.91	5.75	8.41	11.12	12.23	6.20	7.73
Hines 1	8.73	5.71	6.91	6.29	6.62	7 87	6.68	3.56	4 23
Hines 2	13.77	3.64	4.50	3.78	0.22	0 25	5.03	1.52	1.78
Hines 3	0.00	3.40	3.83	6.31	0.85	1 06	8.59	0.90	1.10
Hines 4	12.03	3.63	4.36	9.31	3.38	3 93	6.71	1.28	1 51
GPIF System Wghtd. Avg.	7.36	3.34	3.94	11.25	4.01	5 01	4.86	3.63	4.14

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COMPARISON OF GPIF TARGETS VS. PRIOR PERIODS' ACTUAL PERFORMANCE
AVERAGE NET OPERATING HEAT RATE

Duke Energy Florida
Period of: January 2023 - December 2023

Plant/Unit	Target Wt. Factor	Norm. Wt. Factor	Average Heat Rate Target	1st Prior HR Jan 2021 - Dec 2021	2nd Prior HR Jan 2020 - Dec 2020	3rd Prior HR Jan 2019 - Dec 2019
Bartow 4	30.26	36.79	7,571	7,537	7,517	7,743
Citrus County 1	9.66	11.74	6,645	6,608	6,636	6,664
Citrus County 2	9.44	11.48	6,665	6,641	6,664	6,717
Crystal River 4	8.51	10.35	10,972	11,210	10,763	10,713
Hines 1	6.22	7.56	7,368	7,294	7,430	7,396
Hines 2	4.76	5.79	7,624	7,596	7,615	7,601
Hines 3	6.63	8.06	7,216	7,177	7,241	7,240
Hines 4	6.78	8.24	7,068	7,049	7,074	7,002
			-	-	-	-
			-	-	-	-
			-	-	-	-
			-	-	-	-
GPIF System Weighted Avg.	82.24	100.00	7,628	7,621	7,592	7,670

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DERIVATION OF WEIGHTING FACTORS

Duke Energy Florida
Period of: January 2023 - December 2023

Unit Performance Indicator	Production Costing Simulation Fuel Cost ($000) At Target (1)	At Maximum Improvement (2)	Savings (3)	Weighting Factor (% of Savings)
Bartow 4 EAF	2,759,454	2,756,654	2,800	5.49
Bartow 4 HR	2,759,454	2,744,032	15,422	30.26
Citrus County 1 EAF	2,759,454	2,758,481	973	1.91
Citrus County 1 HR	2,759,454	2,754,531	4,923	9.66
Citrus County 2 EAF	2,759,454	2,758,463	991	1.94
Citrus County 2 HR	2,759,454	2,754,643	4,811	9.44
Crystal River 4 EAF	2,759,454	2,757,660	1,794	3.52
Crystal River 4 HR	2,759,454	2,755,116	4,338	8.51
Hines 1 EAF	2,759,454	2,758,663	791	1.55
Hines 1 HR	2,759,454	2,756,286	3,168	6.22
Hines 2 EAF	2,759,454	2,759,198	256	0.50
Hines 2 HR	2,759,454	2,757,028	2,426	4.76
Hines 3 EAF	2,759,454	2,759,158	296	0.58
Hines 3 HR	2,759,454	2,756,075	3,379	6.63
Hines 4 EAF	2,759,454	2,758,304	1,150	2.26
Hines 4 HR	2,759,454	2,756,000	3,454	6.78

1. Fuel Adjustment Base Case - all unit performance indicators at Target.
2. All other unit performance indicators at Target.
3. Expressed in replacement costs.

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INCENTIVE POINTS TABLES

Original Sheet No. 7.106.1

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Period of: January 2023 - December 2023

Bartow 4

Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)
10	$2,800,467	88.62	10	$15,421,770	7,215.0
9	$2,520,420	88.21	9	$13,879,593	7,243.1
8	$2,240,373	87.80	8	$12,337,416	7,271.3
7	$1,960,327	87.39	7	$10,795,239	7,299.4
6	$1,680,280	86.98	6	$9,253,062	7,327.6
5	$1,400,233	86.57	5	$7,710,885	7,355.7
4	$1,120,187	86.16	4	$6,168,708	7,383.9
3	$840,140	85.75	3	$4,626,531	7,412.0
2	$560,093	85.34	2	$3,084,354	7,440.2
1	$280,047	84.93	1	$1,542,177	7,468.3
					7,496.4
0	$0	84.52	0	$0	7,571.4
					7,646.4
-1	($538,082)	83.69	-1	($1,542,177)	7,674.6
-2	($1,076,165)	82.86	-2	($3,084,354)	7,702.7
-3	($1,614,247)	82.03	-3	($4,626,531)	7,730.9
-4	($2,152,330)	81.20	-4	($6,168,708)	7,759.0
-5	($2,690,412)	80.36	-5	($7,710,885)	7,787.2
-6	($3,228,495)	79.53	-6	($9,253,062)	7,815.3
-7	($3,766,577)	78.70	-7	($10,795,239)	7,843.5
-8	($4,304,660)	77.87	-8	($12,337,416)	7,871.6
-9	($4,842,742)	77.04	-9	($13,879,593)	7,899.7
-10	($5,380,825)	76.21	-10	($15,421,770)	7,927.9

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
5.49%	30.26%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Period of: January 2023 - December 2023

Citrus County 1

Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)
					6,520.6
10	$972,694	90.18	10	$4,923,327	6,525.6
9	$875,425	90.06	9	$4,430,994	6,530.6
8	$778,155	89.94	8	$3,938,661	6,535.5
7	$680,886	89.82	7	$3,446,329	6,540.5
6	$583,616	89.70	6	$2,953,996	6,545.5
5	$486,347	89.58	5	$2,461,663	6,550.5
4	$389,078	89.46	4	$1,969,331	6,555.5
3	$291,808	89.34	3	$1,476,998	6,560.5
2	$194,539	89.22	2	$984,665	6,565.5
1	$97,269	89.10	1	$492,333	6,570.5
0	$0	88.99	0	$0	6,645.5
					6,720.5
-1	($228,823)	88.74	-1	($492,333)	6,725.5
-2	($457,646)	88.49	-2	($984,665)	6,730.5
-3	($686,469)	88.24	-3	($1,476,998)	6,735.5
-4	($915,292)	88.00	-4	($1,969,331)	6,740.5
-5	($1,144,116)	87.75	-5	($2,461,663)	6,745.4
-6	($1,372,939)	87.50	-6	($2,953,996)	6,750.4
-7	($1,601,762)	87.25	-7	($3,446,329)	6,755.4
-8	($1,830,585)	87.01	-8	($3,938,661)	6,760.4
-9	($2,059,408)	86.76	-9	($4,430,994)	6,765.4
-10	($2,288,231)	86.51	-10	($4,923,327)	6,770.4

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
1.91%	9.66%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Period of: January 2023 - December 2023

Citrus County 2

Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)
10	$990,690	90.16	10	$4,810,758	6,545.1
9	$891,621	90.04	9	$4,329,682	6,549.6
8	$792,552	89.92	8	$3,848,607	6,554.0
7	$693,483	89.79	7	$3,367,531	6,558.5
6	$594,414	89.67	6	$2,886,455	6,563.0
5	$495,345	89.55	5	$2,405,379	6,567.5
4	$396,276	89.43	4	$1,924,303	6,572.0
3	$297,207	89.31	3	$1,443,227	6,576.5
2	$198,138	89.19	2	$962,152	6,581.0
1	$99,069	89.07	1	$481,076	6,585.5
					6,590.0
0	$0	88.95	0	$0	6,665.0
					6,740.0
-1	($207,107)	88.70	-1	($481,076)	6,744.5
-2	($414,214)	88.45	-2	($962,152)	6,749.0
-3	($621,321)	88.20	-3	($1,443,227)	6,753.5
-4	($828,428)	87.95	-4	($1,924,303)	6,758.0
-5	($1,035,534)	87.70	-5	($2,405,379)	6,762.5
-6	($1,242,641)	87.46	-6	($2,886,455)	6,767.0
-7	($1,449,748)	87.21	-7	($3,367,531)	6,771.4
-8	($1,656,855)	86.96	-8	($3,848,607)	6,775.9
-9	($1,863,962)	86.71	-9	($4,329,682)	6,780.4
-10	($2,071,069)	86.46	-10	($4,810,758)	6,784.9

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
1.94%	9.44%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Period of: January 2023 - December 2023

Crystal River 4

Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)
10	$1,793,582	91.42	10	$4,338,227	10,269.4
9	$1,614,224	90.71	9	$3,904,404	10,332.1
8	$1,434,866	90.01	8	$3,470,581	10,394.8
7	$1,255,507	89.30	7	$3,036,759	10,457.6
6	$1,076,149	88.60	6	$2,602,936	10,520.3
5	$896,791	87.89	5	$2,169,113	10,583.0
4	$717,433	87.19	4	$1,735,291	10,645.7
3	$538,075	86.49	3	$1,301,468	10,708.5
2	$358,716	85.78	2	$867,645	10,771.2
1	$179,358	85.08	1	$433,823	10,833.9
					10,896.7
0	$0	84.37	0	$0	10,971.7
					11,046.7
-1	($171,590)	83.07	-1	($433,823)	11,109.4
-2	($343,180)	81.78	-2	($867,645)	11,172.1
-3	($514,770)	80.48	-3	($1,301,468)	11,234.9
-4	($686,360)	79.18	-4	($1,735,291)	11,297.6
-5	($857,951)	77.88	-5	($2,169,113)	11,360.3
-6	($1,029,541)	76.58	-6	($2,602,936)	11,423.1
-7	($1,201,131)	75.29	-7	($3,036,759)	11,485.8
-8	($1,372,721)	73.99	-8	($3,470,581)	11,548.5
-9	($1,544,311)	72.69	-9	($3,904,404)	11,611.3
-10	($1,715,901)	71.39	-10	($4,338,227)	11,674.0

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
3.52%	8.51%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Period of: January 2023 - December 2023

Hines 1

Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)
10	$790,762	83.63	10	$3,167,947	7,190.0
9	$711,685	83.42	9	$2,851,152	7,200.3
8	$632,609	83.21	8	$2,534,357	7,210.6
7	$553,533	83.00	7	$2,217,563	7,220.9
6	$474,457	82.79	6	$1,900,768	7,231.2
5	$395,381	82.58	5	$1,583,973	7,241.5
4	$316,305	82.36	4	$1,267,179	7,251.8
3	$237,228	82.15	3	$950,384	7,262.1
2	$158,152	81.94	2	$633,589	7,272.5
1	$79,076	81.73	1	$316,795	7,282.8
					7,293.1
0	$0	81.52	0	$0	7,368.1
					7,443.1
-1	($156,902)	81.09	-1	($316,795)	7,453.4
-2	($313,804)	80.66	-2	($633,589)	7,463.7
-3	($470,705)	80.23	-3	($950,384)	7,474.0
-4	($627,607)	79.79	-4	($1,267,179)	7,484.3
-5	($784,509)	79.36	-5	($1,583,973)	7,494.6
-6	($941,411)	78.93	-6	($1,900,768)	7,504.9
-7	($1,098,313)	78.50	-7	($2,217,563)	7,515.2
-8	($1,255,215)	78.07	-8	($2,534,357)	7,525.5
-9	($1,412,116)	77.64	-9	($2,851,152)	7,535.9
-10	($1,569,018)	77.21	-10	($3,167,947)	7,546.2

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
1.55%	6.22%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Period of: January 2023 - December 2023

Hines 2

Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)
10	$256,334	89.63	10	$2,426,325	7,448.7
9	$230,701	89.56	9	$2,183,693	7,458.8
8	$205,067	89.49	8	$1,941,060	7,468.9
7	$179,434	89.42	7	$1,698,428	7,478.9
6	$153,800	89.35	6	$1,455,795	7,489.0
5	$128,167	89.28	5	$1,213,163	7,499.1
4	$102,534	89.21	4	$970,530	7,509.1
3	$76,900	89.14	3	$727,898	7,519.2
2	$51,267	89.07	2	$485,265	7,529.3
1	$25,633	89.00	1	$242,633	7,539.3
					7,549.4
0	$0	88.93	0	$0	7,624.4
					7,699.4
-1	($29,351)	88.79	-1	($242,633)	7,709.5
-2	($58,702)	88.64	-2	($485,265)	7,719.6
-3	($88,052)	88.50	-3	($727,898)	7,729.6
-4	($117,403)	88.35	-4	($970,530)	7,739.7
-5	($146,754)	88.21	-5	($1,213,163)	7,749.8
-6	($176,105)	88.06	-6	($1,455,795)	7,759.8
-7	($205,456)	87.92	-7	($1,698,428)	7,769.9
-8	($234,806)	87.77	-8	($1,941,060)	7,780.0
-9	($264,157)	87.63	-9	($2,183,693)	7,790.1
-10	($293,508)	87.48	-10	($2,426,325)	7,800.1

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
0.50%	4.76%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Period of: January 2023 - December 2023

Hines 3

Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)
10	$295,923	88.32	10	$3,379,386	7,055.7
9	$266,330	88.18	9	$3,041,447	7,064.3
8	$236,738	88.04	8	$2,703,509	7,072.9
7	$207,146	87.91	7	$2,365,570	7,081.4
6	$177,554	87.77	6	$2,027,632	7,090.0
5	$147,961	87.63	5	$1,689,693	7,098.5
4	$118,369	87.49	4	$1,351,754	7,107.1
3	$88,777	87.36	3	$1,013,816	7,115.7
2	$59,185	87.22	2	$675,877	7,124.2
1	$29,592	87.08	1	$337,939	7,132.8
					7,141.3
0	$0	86.94	0	$0	7,216.3
					7,291.3
-1	($94,603)	86.66	-1	($337,939)	7,299.9
-2	($189,205)	86.38	-2	($675,877)	7,308.5
-3	($283,808)	86.10	-3	($1,013,816)	7,317.0
-4	($378,410)	85.81	-4	($1,351,754)	7,325.6
-5	($473,013)	85.53	-5	($1,689,693)	7,334.2
-6	($567,616)	85.25	-6	($2,027,632)	7,342.7
-7	($662,218)	84.97	-7	($2,365,570)	7,351.3
-8	($756,821)	84.69	-8	($2,703,509)	7,359.8
-9	($851,423)	84.40	-9	($3,041,447)	7,368.4
-10	($946,026)	84.12	-10	($3,379,386)	7,377.0

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
0.58%	6.63%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Period of: January 2023 - December 2023

Hines 4

Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)
10	$1,149,719	84.50	10	$3,453,694	6,908.5
9	$1,034,747	84.20	9	$3,108,325	6,916.9
8	$919,775	83.89	8	$2,762,955	6,925.3
7	$804,803	83.58	7	$2,417,586	6,933.7
6	$689,832	83.27	6	$2,072,216	6,942.2
5	$574,860	82.96	5	$1,726,847	6,950.6
4	$459,888	82.65	4	$1,381,478	6,959.0
3	$344,916	82.34	3	$1,036,108	6,967.5
2	$229,944	82.04	2	$690,739	6,975.9
1	$114,972	81.73	1	$345,369	6,984.3
					6,992.7
0	$0	81.42	0	$0	7,067.7
					7,142.7
-1	($227,855)	80.78	-1	($345,369)	7,151.2
-2	($455,711)	80.14	-2	($690,739)	7,159.6
-3	($683,566)	79.50	-3	($1,036,108)	7,168.0
-4	($911,422)	78.86	-4	($1,381,478)	7,176.4
-5	($1,139,277)	78.22	-5	($1,726,847)	7,184.9
-6	($1,367,133)	77.57	-6	($2,072,216)	7,193.3
-7	($1,594,988)	76.93	-7	($2,417,586)	7,201.7
-8	($1,822,844)	76.29	-8	($2,762,955)	7,210.2
-9	($2,050,699)	75.65	-9	($3,108,325)	7,218.6
-10	($2,278,555)	75.01	-10	($3,453,694)	7,227.0

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
2.26%	6.78%

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UNIT PERFORMANCE DATA

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2023 - December 2023

PLANT/UNIT **Bartow 4**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	91.23	78.73	91 23	91.23	91 23	91 23	91.23	91.23	91.23	84.78	41.23	78 33	84.52
2. POF	0.00	12.50	0 00	0.00	0 00	0 00	0.00	0.00	0.00	6.45	50.00	12 90	6.71
3. EUOF	8.77	8.77	8.77	8.77	8.77	8.77	8.77	8.77	8.77	8.77	8.77	8.77	8.77
4. EUOR	8.77	8.77	8.77	8.77	8.77	8.77	8.77	8.77	8.77	8.77	8.77	8.77	8.77
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	679.7	613 9	679.7	657 8	679.7	657.8	679.7	679.7	657 8	679.7	657 8	679.7	8,003.1
7. RSH	0 0	0 0	0.0	0 0	0.0	0.0	0.0	0.0	0 0	0.0	0 0	0.0	0 0
8. UH	64 3	58.1	64.3	62 2	64.3	62.2	64.3	64.3	62 2	64.3	62 2	64.3	756 9
9. POH & PPOH	0 0	84 0	0.0	0 0	0.0	0.0	0.0	0.0	0 0	48.0	360 0	96.0	588 0
10. FOH & PFOH	53.1	48 0	53.1	51.4	53.1	51.4	53.1	53.1	51.4	53.1	51.4	53.1	625 6
11. MOH & PMOH	12.1	10 9	12.1	11.7	12.1	11.7	12.1	12.1	11.7	12.1	11.7	12.1	142 5
12. Oper. Btu(MBtu)	3,971,915	4,018,906	4,485,392	4,620,481	4,713,726	4,606,491	4,851,007	4,730,019	4,500,613	4,107,108	1,385,150	3,593,243	49,739,161
13. Net Gen. (MWH)	522,506 0	532,709 0	594,885.0	615,679 0	627,482.0	613,670.0	647,206.0	629,818.0	598,499 0	541,441.0	175,499 0	469,919.0	6,569,313 0
14. ANOHR (Btu/KWH)	7,602	7,544	7,540	7,505	7,512	7,506	7,495	7,510	7,520	7,586	7,893	7,647	7,571
15. NOF (%)	69.1	78 0	78.7	84 2	83.0	83.9	85.6	83.3	81 8	71.6	24 0	62.2	73 8
16. NSC (MW)	1112	1112	1112	1112	1112	1112	1112	1112	1112	1112	1112	1112	1112
17. ANOHR Equation	ANOHR=	-6.447 x NOF +		8,047 3									

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2023 - December 2023

PLANT/UNIT **Citrus County 1**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	97.32	97.32	28 25	97.32	97 32	97 32	97.32	97.32	97.32	97.32	97.32	68 28	88.99
2. POF	0.00	0.00	70 97	0.00	0 00	0 00	0.00	0.00	0.00	0.00	0.00	29 03	8.49
3. EUOF	2.68	2.68	0.78	2.68	2 68	2 68	2.68	2.68	2.68	2.68	2.68	2 68	2.52
4. EUOR	2.68	2.68	2 68	2.68	2 68	2 68	2.68	2.68	2.68	2.68	2.68	2 68	2.68
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	723 3	655.4	210.7	702 2	725.6	702.2	725.6	725.6	702 2	725.6	702 2	725.6	8,026.1
7. RSH	2.4	0 0	0.0	0 0	0.0	0.0	0.0	0.0	0 0	0.0	0 0	0.0	2.4
8. UH	18 3	16 6	533.3	17 8	18.4	17.8	18.4	18.4	17 8	18.4	17 8	18.4	731 5
9. POH & PPOH	0 0	0 0	528.0	0 0	0.0	0.0	0.0	0.0	0 0	0.0	0 0	216.0	744 0
10. FOH & PFOH	15.7	14 2	4.6	15 2	15.7	15.2	15.7	15.7	15 2	15.7	15 2	15.7	173 9
11. MOH & PMOH	4 2	3 8	1.2	4.1	4.2	4.1	4.2	4.2	4.1	4.2	4.1	4.2	47 0
12. Oper. Btu(MBtu)	3,623,598	3,306,786	1,989,781	1,059,191	3,670,195	3,715,659	3,829,075	3,836,418	3,692,557	3,723,979	2,662,276	3,670,993	40,393,343
13. Net Gen. (MWH)	544,712 0	497,889 0	551,878.0	140,183 0	552,922.0	565,872.0	582,748.0	584,145.0	561,481 0	562,935.0	380,477 0	553,070.0	6,078,312 0
14. ANOHR (Btu/KWH)	6,652	6,642	3,605	7,556	6,638	6,566	6,571	6,568	6,576	6,615	6,997	6,637	6,645
15. NOF (%)	93 3	94.1	324.6	24.7	94.4	99.9	99.5	99.8	99.1	96.1	67.1	94.5	93 8
16. NSC (MW)	807	807	807	807	807	807	807	807	807	807	807	807	807
17. ANOHR Equation	ANOHR=	-13.172 x NOF +		7,881 6									

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2023 - December 2023

PLANT/UNIT **Citrus County 2**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	97.29	97.28	97 28	25.94	97 28	97 28	97.28	97.28	97.28	97.28	67.28	97 28	88.95
2. POF	0.00	0.00	0 00	73.33	0 00	0 00	0.00	0.00	0.00	0.00	30.00	0 00	8.49
3. EUOF	2.71	2.72	2.72	0.73	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.56
4. EUOR	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	723 2	655.4	725.6	187 2	725.6	702.2	725.6	725.6	702 2	725.6	702 2	725.6	8,025 8
7. RSH	2.4	0 0	0.0	0 0	0.0	0.0	0.0	0.0	0 0	0.0	0 0	0.0	2.4
8. UH	18.4	16 6	18.4	532 8	18.4	17.8	18.4	18.4	17 8	18.4	17 8	18.4	731 8
9. POH & PPOH	0 0	0 0	0.0	528 0	0.0	0.0	0.0	0.0	0 0	0.0	216 0	0.0	744 0
10. FOH & PFOH	12 9	11.7	12.9	3 3	12.9	12.5	12.9	12.9	12 5	12.9	12 5	12.9	142 9
11. MOH & PMOH	7 3	6 6	7.3	1 9	7.3	7.1	7.3	7.3	7.1	7.3	7.1	7.3	81 0
12. Oper. Btu(MBtu)	3,581,709	3,324,623	1,105,339	2,188,371	3,693,169	3,723,365	3,811,231	3,806,772	3,620,536	3,758,023	3,661,980	2,779,895	40,434,118
13. Net Gen. (MWH)	535,919 0	499,381 0	150,607.0	544,848 0	555,044.0	563,490.0	575,837.0	575,047.0	545,299 0	566,434.0	552,606 0	402,127.0	6,066,639 0
14. ANOHR (Btu/KWH)	6,683	6,657	7,339	4,016	6,654	6,608	6,619	6,620	6,640	6,635	6,627	6,913	6,665
15. NOF (%)	92 3	94 9	25.8	362.4	95.3	99.9	98.8	98.7	96.7	97.2	98 0	69.0	94.1
16. NSC (MW)	803	803	803	803	803	803	803	803	803	803	803	803	803
17. ANOHR Equation	ANOHR=	-9.874 x NOF +		7,594 5									

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2023 - December 2023

PLANT/UNIT **Crystal River 4**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	82.20	86.72	79 59	90.32	76 36	76.17	75.87	90.85	94.21	89.25	84.76	86 65	84.37
2. POF	0.00	0.00	0 00	0.00	0 00	0 00	0.00	0.00	0.00	0.00	0.00	0 00	0.00
3. EUOF	17.80	13.28	20.41	9.68	23 64	23 83	24.13	9.15	5.79	10.75	15.24	13 35	15.63
4. EUOR	25.60	25.60	25 60	25.60	25 60	25 60	25.60	25.60	25.60	25.60	25.60	25 60	25.60
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	405.7	273 5	465.1	213 6	539.0	525.6	550.0	208.6	127.7	245.0	336.1	304.3	4,194 2
7. RSH	226 8	323.4	151.0	447.7	56.9	49.9	42.9	478.1	557 2	431.7	291 5	356.1	3413 3
8. UH	111 5	75.1	127.8	58.7	148.1	144.4	151.1	57.3	35.1	67.3	92.4	83.6	1152 5
9. POH & PPOH	0 0	0 0	0.0	0 0	0.0	0.0	0.0	0.0	0 0	0.0	0 0	0.0	0 0
10. FOH & PFOH	111 2	75 0	127.5	58 5	147.7	144.1	150.7	57.2	35 0	67.1	92.1	83.4	1149 5
11. MOH & PMOH	21 2	14 3	24.3	11 2	28.2	27.5	28.8	10.9	6.7	12.8	17 6	15.9	219 5
12. Oper. Btu(MBtu)	1,934,516	1,074,991	1,982,032	782,867	2,307,714	2,437,701	2,738,751	871,293	374,264	884,335	1,295,530	1,224,687	18,049,251
13. Net Gen. (MWH)	185,855 0	94,555 0	179,876.0	67,309 0	209,871.0	230,490.0	270,714.0	78,417.0	30,465 0	75,693.0	113,186 0	108,646.0	1,645,077 0
14. ANOHR (Btu/KWH)	10,409	11,369	11,019	11,631	10,996	10,576	10,117	11,111	12,285	11,683	11,446	11,272	10,972
15. NOF (%)	64 3	48 6	54.3	44 3	54.7	61.6	69.1	52.8	33 5	43.4	47 3	50.1	55.1
16. NSC (MW)	712	712	712	712	712	712	712	712	712	712	712	712	712
17. ANOHR Equation	ANOHR=	-60.859	x NOF +	14,324 3									

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2023 - December 2023

PLANT/UNIT **Hines 1**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	61.94	0.00	58 04	94.61	94.70	94 62	94.61	94.61	94.61	94.64	94.70	94 93	81.52
2. POF	35.48	100.00	38.71	0.00	0 00	0 00	0.00	0.00	0.00	0.00	0.00	0 00	13.97
3. EUOF	2.58	0.00	3 25	5.39	5 30	5 38	5.39	5.39	5.39	5.36	5.30	5 07	4.51
4. EUOR	5.39	0.00	5 39	5.39	5 39	5 39	5.39	5.39	5.39	5.39	5.39	5 39	5.39
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	337 6	0 0	425.4	682 8	693.3	681.9	705.6	705.6	682 8	702.4	671 5	663.9	6,952 8
7. RSH	124 0	0 0	7.4	0 0	13.0	1.0	0.0	0.0	0 0	3.4	12 0	44.0	204 8
8. UH	282.4	672 0	311.2	37 2	37.7	37.1	38.4	38.4	37 2	38.2	36 5	36.1	1602.4
9. POH & PPOH	264 0	672 0	288.0	0 0	0.0	0.0	0.0	0.0	0 0	0.0	0 0	0.0	1224 0
10. FOH & PFOH	13 3	0 0	16.8	27 0	27.4	26.9	27.9	27.9	27 0	27.7	26 5	26.2	274 6
11. MOH & PMOH	5 9	0 0	7.4	11 8	12.0	11.8	12.2	12.2	11 8	12.2	11 6	11.5	120 5
12. Oper. Btu(MBtu)	871,137	-	1,305,945	2,034,252	1,822,015	2,089,022	2,238,291	2,200,085	2,107,350	2,063,488	2,211,576	1,988,829	20,958,506
13. Net Gen. (MWH)	114,184 0	-	178,087.0	275,265 0	239,693.0	284,724.0	307,999.0	301,290.0	287,786 0	278,257.0	307,719 0	269,499.0	2,844,503 0
14. ANOHR (Btu/KWH)	7,629	-	7,333	7,390	7,601	7,337	7,267	7,302	7,323	7,416	7,187	7,380	7,368
15. NOF (%)	69 0	0 0	85.4	82 3	70.6	85.2	89.1	87.1	86 0	80.8	93 5	82.8	83 5
16. NSC (MW)	490	490	490	490	490	490	490	490	490	490	490	490	490
17. ANOHR Equation	ANOHR=	-18.045 x NOF +		8,874.7									

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2023 - December 2023

PLANT/UNIT **Hines 2**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	99.58	99.51	98 51	98.00	98 25	97 93	97.90	97.89	94.67	0.00	88.12	98 59	88.93
2. POF	0.00	0.00	0 00	0.00	0 00	0 00	0.00	0.00	3.33	100.00	10.00	0 00	9.59
3. EUOF	0.42	0.49	1.49	2.00	1.75	2 07	2.10	2.11	1.99	0.00	1.88	1.41	1.48
4. EUOR	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.11	0.00	2.11	2.11	2.11
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	144 6	154 8	517.6	670 5	607.0	694.9	729.0	730.9	668.4	0.0	630.4	489.7	6,037 8
7. RSH	597 0	514 6	217.8	38.4	127.0	13.6	3.0	1.0	16 6	0.0	7 2	246.2	1782.4
8. UH	2.4	2 6	8.6	11.1	10.0	11.5	12.0	12.1	35 0	744.0	82.4	8.1	939 8
9. POH & PPOH	0 0	0 0	0.0	0 0	0.0	0.0	0.0	0.0	24 0	744.0	72 0	0.0	840 0
10. FOH & PFOH	1.7	1 8	5.9	7.7	7.0	8.0	8.4	8.4	7.7	0.0	7 2	5.6	69 2
11. MOH & PMOH	1.4	1 5	5.2	6.7	6.1	7.0	7.3	7.3	6.7	0.0	6 3	4.9	60.4
12. Oper. Btu(MBtu)	329,412	324,884	1,193,143	2,004,855	1,503,674	1,870,818	1,994,435	2,044,175	1,816,650	-	1,994,635	1,501,398	16,596,350
13. Net Gen. (MWH)	42,471 0	41,624 0	153,979.0	265,371 0	195,258.0	244,855.0	261,461.0	268,592.0	237,995 0	-	265,815 0	199,316.0	2,176,737 0
14. ANOHR (Btu/KWH)	7,756	7,805	7,749	7,555	7,701	7,641	7,628	7,611	7,633	-	7,504	7,533	7,624
15. NOF (%)	55 2	50 5	55.9	74.4	60.5	66.2	67.4	69.1	66 9	0.0	79 3	76.5	67 8
16. NSC (MW)	532	532	532	532	532	532	532	532	532	532	532	532	532
17. ANOHR Equation	ANOHR=	-10.489	x NOF +	8,335 2									

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2023 - December 2023

PLANT/UNIT **Hines 3**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	97.27	96.94	68 60	6.51	96 66	96 66	96.66	96.66	96.66	96.66	96.66	96 68	86.94
2. POF	0.00	0.00	29 03	93.33	0 00	0 00	0.00	0.00	0.00	0.00	0.00	0 00	10.14
3. EUOF	2.73	3.06	2 37	0.16	3 34	3 34	3.34	3.34	3.34	3.34	3.34	3 32	2.92
4. EUOR	3.34	3.34	3 34	3.34	3 34	3 34	3.34	3.34	3.34	3.34	3.34	3 34	3.34
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	589 3	596 9	510.7	32 5	719.7	696.5	719.7	719.7	696 5	719.7	696 5	717.4	7,414 9
7. RSH	134 8	54 9	0.0	14.4	0.0	0.0	0.0	0.0	0 0	0.0	0 0	2.4	206 5
8. UH	19 9	20 2	233.3	673.1	24.3	23.5	24.3	24.3	23 5	24.3	23 5	24.2	1138 6
9. POH & PPOH	0 0	0 0	216.0	672 0	0.0	0.0	0.0	0.0	0 0	0.0	0 0	0.0	888 0
10. FOH & PFOH	11.4	11 5	9.9	0 6	13.9	13.5	13.9	13.9	13 5	13.9	13 5	13.9	143 3
11. MOH & PMOH	8 9	9 0	7.7	0 5	10.9	10.6	10.9	10.9	10 6	10.9	10 6	10.9	112.4
12. Oper. Btu(MBtu)	1,621,659	1,610,196	1,549,229	81,119	2,183,562	2,193,911	2,371,409	2,325,355	2,246,734	2,220,097	2,271,487	2,196,545	22,890,278
13. Net Gen. (MWH)	220,131 0	217,872 0	213,953.0	10,849 0	301,571.0	305,252.0	333,107.0	325,255.0	314,151 0	307,605.0	318,358 0	303,900.0	3,172,004 0
14. ANOHR (Btu/KWH)	7,367	7,391	7,241	7,477	7,241	7,187	7,119	7,149	7,152	7,217	7,135	7,228	7,216
15. NOF (%)	71.4	69 8	80.1	63 8	80.1	83.8	88.5	86.4	86 2	81.7	87.4	81.0	81 8
16. NSC (MW)	523	523	523	523	523	523	523	523	523	523	523	523	523
17. ANOHR Equation	ANOHR=	-14.509 x NOF +		8,403.1									

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2023 - December 2023

PLANT/UNIT **Hines 4**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	92.90	92.61	92 54	92.54	92 54	92 54	92.54	92.54	92.54	92.54	9.25	41 81	81.42
2. POF	0.00	0.00	0 00	0.00	0 00	0 00	0.00	0.00	0.00	0.00	90.00	54 84	12.05
3. EUOF	7.10	7.39	7.46	7.46	7.46	7.46	7.46	7.46	7.46	7.46	0.75	3 35	6.53
4. EUOR	7.46	7.46	7.46	7.46	7.46	7.46	7.46	7.46	7.46	7.46	7.46	7.46	7.46
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	658 5	619 6	692.8	670 5	692.8	670.5	692.8	692.8	670 5	692.8	67 0	310.7	7,131.4
7. RSH	36 8	6 6	0.0	0 0	0.0	0.0	0.0	0.0	0 0	0.0	0 0	2.4	45 8
8. UH	48.7	45 8	51.2	49 5	51.2	49.5	51.2	51.2	49 5	51.2	653 0	430.9	1582 8
9. POH & PPOH	0 0	0 0	0.0	0 0	0.0	0.0	0.0	0.0	0 0	0.0	648 0	408.0	1056 0
10. FOH & PFOH	51 2	48 2	53.9	52 2	53.9	52.2	53.9	53.9	52 2	53.9	5 2	24.2	554 8
11. MOH & PMOH	1 6	1 5	1.6	1 6	1.6	1.6	1.6	1.6	1 6	1.6	0 2	0.7	16 9
12. Oper. Btu(MBtu)	1,911,615	1,919,314	2,326,875	2,106,060	2,128,140	2,176,961	2,294,405	2,216,934	2,109,104	2,280,126	191,604	973,681	22,637,373
13. Net Gen. (MWH)	268,990 0	271,136 0	330,471.0	297,781 0	300,479.0	308,471.0	325,545.0	313,833.0	298,239 0	323,382.0	26,937 0	137,652.0	3,202,916 0
14. ANOHR (Btu/KWH)	7,107	7,079	7,041	7,073	7,082	7,057	7,048	7,064	7,072	7,051	7,113	7,073	7,068
15. NOF (%)	79 2	84 8	92.4	86.1	84.1	89.2	91.1	87.8	86 2	90.5	77 9	85.9	87 0
16. NSC (MW)	516	516	516	516	516	516	516	516	516	516	516	516	516
17. ANOHR Equation	ANOHR=	-4.935 x NOF +		7,497 3									

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PLANNED OUTAGE SCHEDULES

Duke Energy Florida
Period of: January 2023 - December 2023

Plant/Unit	Planned Outage Dates	Reason for Outage
Bartow 4	02/04 (0001) - 02/17 (2400)	3 x 1, Borescopes B & D, Gen Minor B
Bartow 4	10/28 (0001) - 12/08 (2400)	3 x 0, MI (A), A Gen Minor, HRH bypass weldolets, ST-1 Gen Major, ST-1 Exciter Major, BOP, L-0 Inspection, ST-V
Citrus County 1	03/04 (0001) - 03/25 (2400)	Full Block, BOP
Citrus County 1	12/02 (0001) - 12/19 (2400)	1 x 1, Flex outage prior to summer peak, LTSA borescopes
Citrus County 2	04/01 (0001) - 04/22 (2400)	Full Block, BOP
Citrus County 2	11/04 (0001) - 11/21 (2400)	1 x 1, Flex outage prior to summer peak, LTSA borescopes
Hines 1	01/21 (0001) - 03/12 (2400)	Full Block, BOP, Borescopes, L-0 inspections- add ST1 ST Stator rewind and Gen Major
Hines 2	09/30 (0001) - 11/03 (2400)	Full Block, BOP, Borescopes, L-0 inspections, T3000 upgrade, add CT 2A Gen Major (add ST-2 gen minor)
Hines 3	03/25 (0001) - 04/28 (2400)	Full Block, BOP, Borescopes, L-0 inspection- add PB3A&B Gen Major, and 3A&B stator rewedge
Hines 4	11/04 (0001) - 12/17 (2400)	Full Block, CT- MI (A), CT Gen- Medium (A), ST-Gen Major , BOP, Borescope, add Gen-Major (B),

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AVERAGE NET OPERATING HEAT RATE CURVES

DUKE ENERGY FLORIDA

Bartow Unit 4

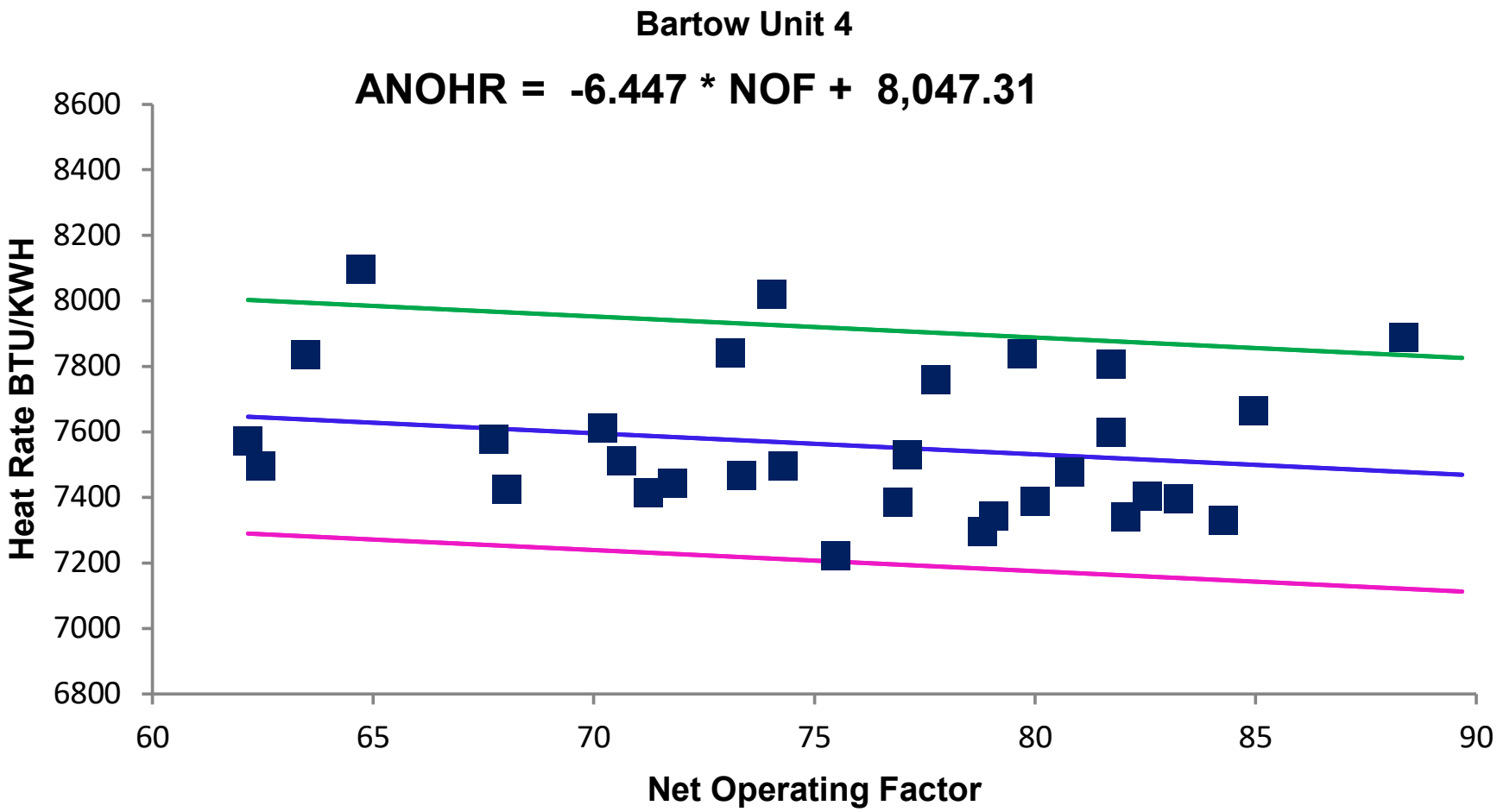
ANOHR = -6.447 * NOF + 8,047.31

TABLE OF RESIDUALS

DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-19	81.7	7,808	7,520	287.6	356.4
Aug-19	85.0	7,665	7,500	164.9	356.4
Sep-19	73.1	7,842	7,576	265.8	356.4
Dec-19	81.7	7,600	7,520	79.9	356.4
Jan-20	78.8	7,296	7,539	-243.0	356.4
Feb-20	77.8	7,759	7,546	212.8	356.4
Mar-20	79.7	7,838	7,533	305.0	356.4
Apr-20	70.6	7,513	7,592	-79.0	356.4
May-20	77.1	7,529	7,550	-21.7	356.4
Jun-20	82.6	7,402	7,515	-112.8	356.4
Jul-20	84.3	7,329	7,504	-175.0	356.4
Aug-20	82.1	7,342	7,518	-176.5	356.4
Sep-20	80.0	7,388	7,532	-143.3	356.4
Oct-20	83.3	7,397	7,511	-114.0	356.4
Jan-21	64.7	8,098	7,630	467.5	356.4
Feb-21	74.0	8,020	7,570	449.6	356.4
Mar-21	76.9	7,384	7,552	-167.9	356.4
Apr-21	79.1	7,342	7,538	-195.3	356.4
May-21	73.4	7,468	7,574	-106.2	356.4
Jun-21	71.8	7,443	7,585	-141.8	356.4
Jul-21	62.4	7,496	7,645	-148.6	356.4
Aug-21	63.5	7,836	7,638	198.3	356.4
Sep-21	71.2	7,414	7,588	-174.3	356.4
Oct-21	75.5	7,222	7,561	-338.3	356.4
Nov-21	74.3	7,497	7,568	-71.1	356.4
Dec-21	68.0	7,424	7,609	-184.4	356.4
Jan-22	70.2	7,612	7,595	17.0	356.4
Feb-22	62.2	7,573	7,647	-73.7	356.4
Mar-22	67.7	7,579	7,611	-32.2	356.4
Apr-22	80.8	7,476	7,526	-50.4	356.4
May-22	88.4	7,890	7,478	412.0	356.4
Jun-22	89.7	7,358	7,469	-110.9	356.4

Regression Output:

Constant	8047.31
Std Err of Y Est	220.1523095
R Squared	0.045742303
No. of Observations	32
Degrees of Freedom	30
X Coefficient	-6.446603434
Std Err of Coef.	5.375812945


Bartow Unit 4
ANOHR = -6.447 * NOF + 8,047.31
Heat Rate BTU/KWH
8600
8400
8200
8000
7800
7600
7400
7200
7000
6800
60
65
70
75
80
85
90
Net Operating Factor

DUKE ENERGY FLORIDA

Citrus County Unit 1

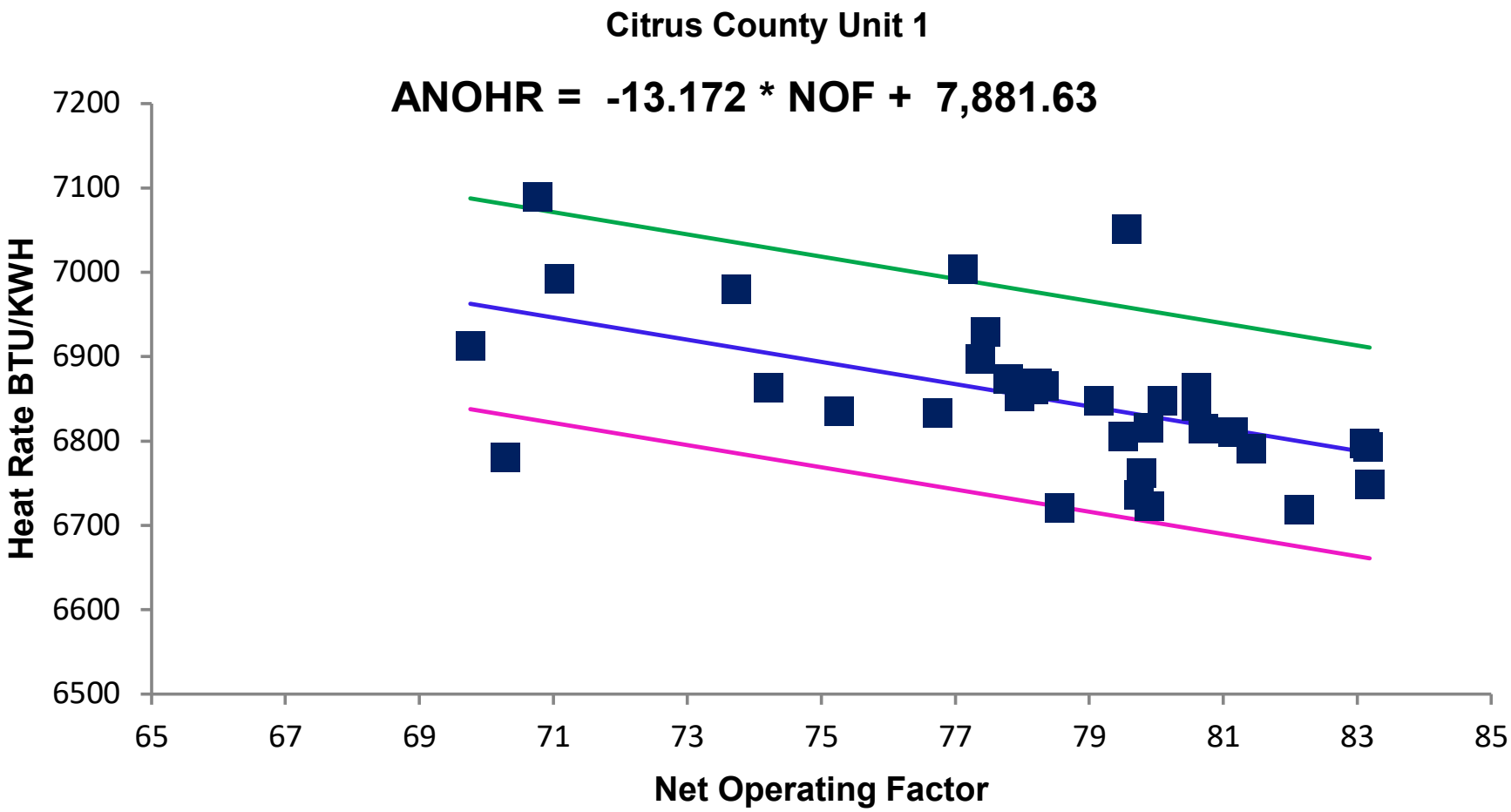
ANOHR = -13.172 * NOF + 7,881.63

TABLE OF RESIDUALS

DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-19	78.2	6,861	6,852	9.1	124.9
Aug-19	80.6	6,864	6,820	43.9	124.9
Sep-19	79.1	6,848	6,839	8.5	124.9
Oct-19	83.2	6,749	6,786	-37.2	124.9
Nov-19	79.6	7,052	6,834	217.8	124.9
Dec-19	83.2	6,793	6,786	6.8	124.9
Jan-20	79.7	6,736	6,831	-95.0	124.9
Feb-20	70.3	6,781	6,956	-175.0	124.9
Mar-20	79.5	6,805	6,834	-29.4	124.9
Apr-20	75.3	6,835	6,890	-55.4	124.9
May-20	73.7	6,980	6,910	69.7	124.9
Jun-20	77.4	6,897	6,862	34.8	124.9
Jul-20	77.8	6,873	6,857	16.6	124.9
Aug-20	78.0	6,853	6,855	-1.8	124.9
Sep-20	76.7	6,833	6,871	-37.6	124.9
Oct-20	70.8	7,089	6,949	139.9	124.9
Nov-20	80.6	6,841	6,820	21.3	124.9
Dec-20	80.7	6,815	6,819	-3.7	124.9
Jan-21	81.1	6,811	6,813	-2.0	124.9
Feb-21	78.6	6,721	6,847	-126.0	124.9
Mar-21	79.8	6,761	6,831	-69.2	124.9
May-21	69.8	6,913	6,963	-49.4	124.9
Jun-21	82.1	6,718	6,800	-81.5	124.9
Jul-21	80.1	6,848	6,827	21.7	124.9
Aug-21	79.9	6,815	6,829	-14.0	124.9
Sep-21	78.3	6,865	6,850	15.0	124.9
Oct-21	78.2	6,869	6,851	17.2	124.9
Nov-21	81.4	6,791	6,809	-18.4	124.9
Dec-21	79.9	6,722	6,829	-106.9	124.9
Jan-22	83.1	6,798	6,787	10.7	124.9
Feb-22	74.2	6,863	6,904	-40.8	124.9
Mar-22	77.4	6,929	6,862	67.2	124.9
Apr-22	71.1	6,992	6,945	46.7	124.9
May-22	77.1	7,003	6,866	137.0	124.9
Jun-22	82.8	6,851	6,791	59.4	124.9

Regression Output:

Constant	7881.63
Std Err of Y Est	77.042173
R Squared	0.287007068
No. of Observations	35
Degrees of Freedom	33
X Coefficient	-13.17235422
Std Err of Coef.	3.614121489


Citrus County Unit 1
ANOHR = -13.172 * NOF + 7,881.63
Heat Rate BTU/KWH
7200
7100
7000
6900
6800
6700
6600
6500
65
67
69
71
73
75
77
79
81
83
85
Net Operating Factor

DUKE ENERGY FLORIDA

Citrus County Unit 2

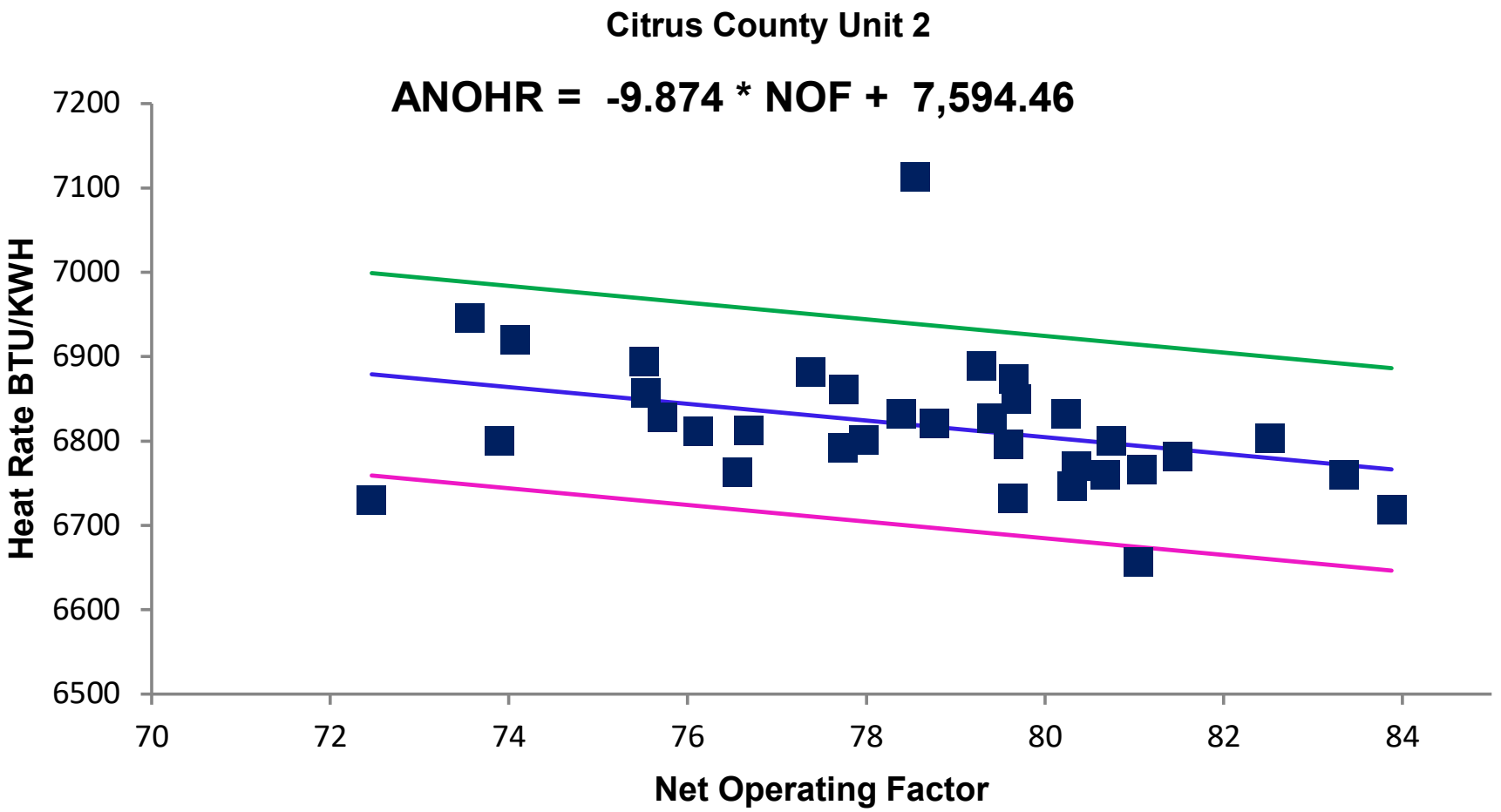
ANOHR = -9.874 * NOF + 7,594.46

TABLE OF RESIDUALS

DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-19	73.6	6,946	6,868	78.3	119.9
Aug-19	79.6	6,874	6,808	65.6	119.9
Sep-19	77.7	6,861	6,827	34.5	119.9
Oct-19	83.9	6,718	6,766	-48.0	119.9
Nov-19	78.5	7,113	6,819	294.3	119.9
Dec-19	83.3	6,760	6,771	-11.2	119.9
Jan-20	80.7	6,760	6,798	-37.6	119.9
Feb-20	77.7	6,792	6,827	-34.8	119.9
Mar-20	79.4	6,827	6,810	16.4	119.9
Apr-20	75.7	6,828	6,847	-18.9	119.9
May-20	74.1	6,920	6,863	56.6	119.9
Jun-20	77.4	6,882	6,830	52.1	119.9
Jul-20	78.4	6,832	6,820	11.6	119.9
Aug-20	78.0	6,802	6,825	-22.7	119.9
Sep-20	76.1	6,811	6,843	-31.8	119.9
Oct-20	80.7	6,800	6,797	2.4	119.9
Nov-20	75.5	6,894	6,849	45.3	119.9
Dec-20	80.3	6,747	6,802	-54.9	119.9
Jan-21	81.1	6,766	6,794	-27.7	119.9
Feb-21	76.6	6,763	6,839	-75.7	119.9
Mar-21	79.3	6,889	6,811	77.3	119.9
Apr-21	80.4	6,771	6,801	-30.3	119.9
May-21	80.2	6,832	6,802	29.8	119.9
Jun-21	72.5	6,730	6,879	-149.1	119.9
Jul-21	79.7	6,850	6,808	42.4	119.9
Aug-21	78.8	6,820	6,817	3.7	119.9
Sep-21	79.6	6,796	6,809	-12.3	119.9
Oct-21	73.9	6,800	6,865	-64.9	119.9
Nov-21	81.5	6,781	6,790	-8.6	119.9
Dec-21	79.6	6,732	6,808	-76.2	119.9
Jan-22	82.5	6,803	6,780	23.2	119.9
Feb-22	76.7	6,813	6,837	-24.2	119.9
Mar-22	75.5	6,857	6,849	8.2	119.9
Apr-22	81.0	6,657	6,794	-137.5	119.9
May-22	80.8	6,823	6,797	26.0	119.9
Jun-22	79.4	6,809	6,810	-1.1	119.9

Regression Output:

Constant	7594.46
Std Err of Y Est	73.94138776
R Squared	0.122046928
No. of Observations	36
Degrees of Freedom	34
X Coefficient	-9.87393421
Std Err of Coef.	4.541747608


Citrus County Unit 2
ANOHR = -9.874 * NOF + 7,594.46
Heat Rate BTU/KWH
7200
7100
7000
6900
6800
6700
6600
6500
70
72
74
76
78
80
82
84
Net Operating Factor

DUKE ENERGY FLORIDA

Crystal River Unit 4

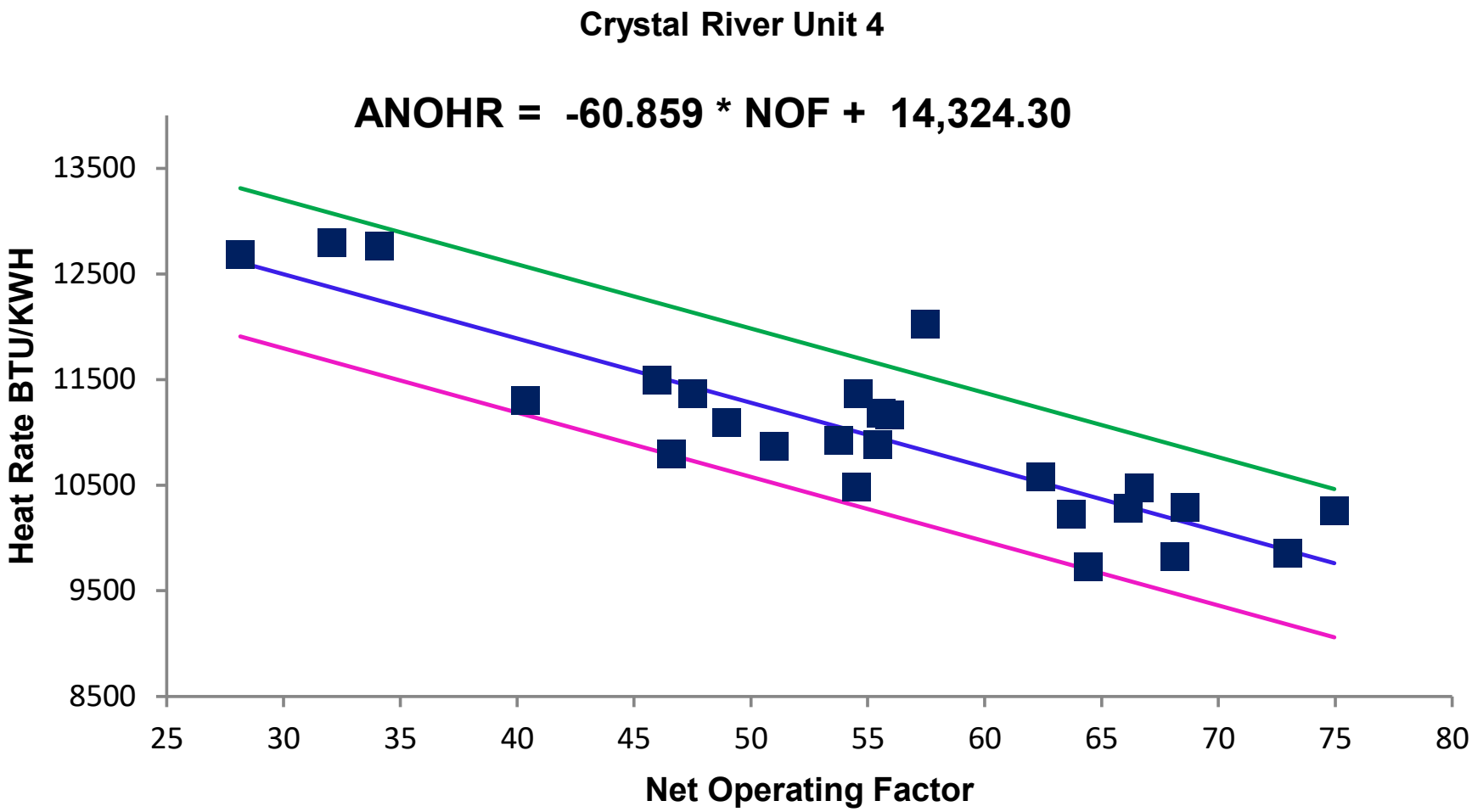
ANOHR = -60.859 * NOF + 14,324.30

TABLE OF RESIDUALS

DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-19	54.5	10,485	11,007	-521.6	702.3
Aug-19	55.9	11,162	10,921	241.1	702.3
Sep-19	46.6	10,791	11,488	-696.9	702.3
Oct-19	68.2	9,825	10,176	-351.1	702.3
Nov-19	73.0	9,861	9,884	-23.4	702.3
May-20	40.4	11,299	11,868	-569.4	702.3
Jun-20	49.0	11,098	11,345	-246.5	702.3
Jul-20	55.4	10,885	10,951	-65.8	702.3
Aug-20	54.6	11,368	11,000	368.2	702.3
Sep-20	47.5	11,364	11,433	-69.8	702.3
Oct-20	64.5	9,730	10,401	-670.7	702.3
Apr-21	66.1	10,281	10,300	-19.2	702.3
May-21	68.6	10,293	10,151	141.2	702.3
Jun-21	66.6	10,479	10,270	209.6	702.3
Jul-21	62.4	10,581	10,527	54.0	702.3
Aug-21	75.0	10,262	9,762	499.7	702.3
Sep-21	34.1	12,768	12,248	520.6	702.3
Oct-21	32.1	12,795	12,372	423.1	702.3
Nov-21	28.2	12,690	12,611	79.0	702.3
Dec-21	55.6	11,181	10,942	238.5	702.3
Jan-22	57.5	12,020	10,826	1194.4	702.3
Feb-22	63.7	10,226	10,448	-221.4	702.3
Apr-22	53.8	10,925	11,052	-126.5	702.3
May-22	51.0	10,868	11,222	-353.7	702.3
Jun-22	46.0	11,492	11,525	-33.3	702.3

Regression Output:

Constant	14324.30
Std Err of Y Est	435.7452108
R Squared	0.759432041
No. of Observations	25
Degrees of Freedom	23
X Coefficient	-60.85910413
Std Err of Coef.	7.142266828


Crystal River Unit 4
ANOHR = -60.859 * NOF + 14,324.30
Heat Rate BTU/KWH
13500
12500
11500
10500
9500
8500
25
30
35
40
45
50
55
60
65
70
75
80
Net Operating Factor

DUKE ENERGY FLORIDA

Hines Unit 1

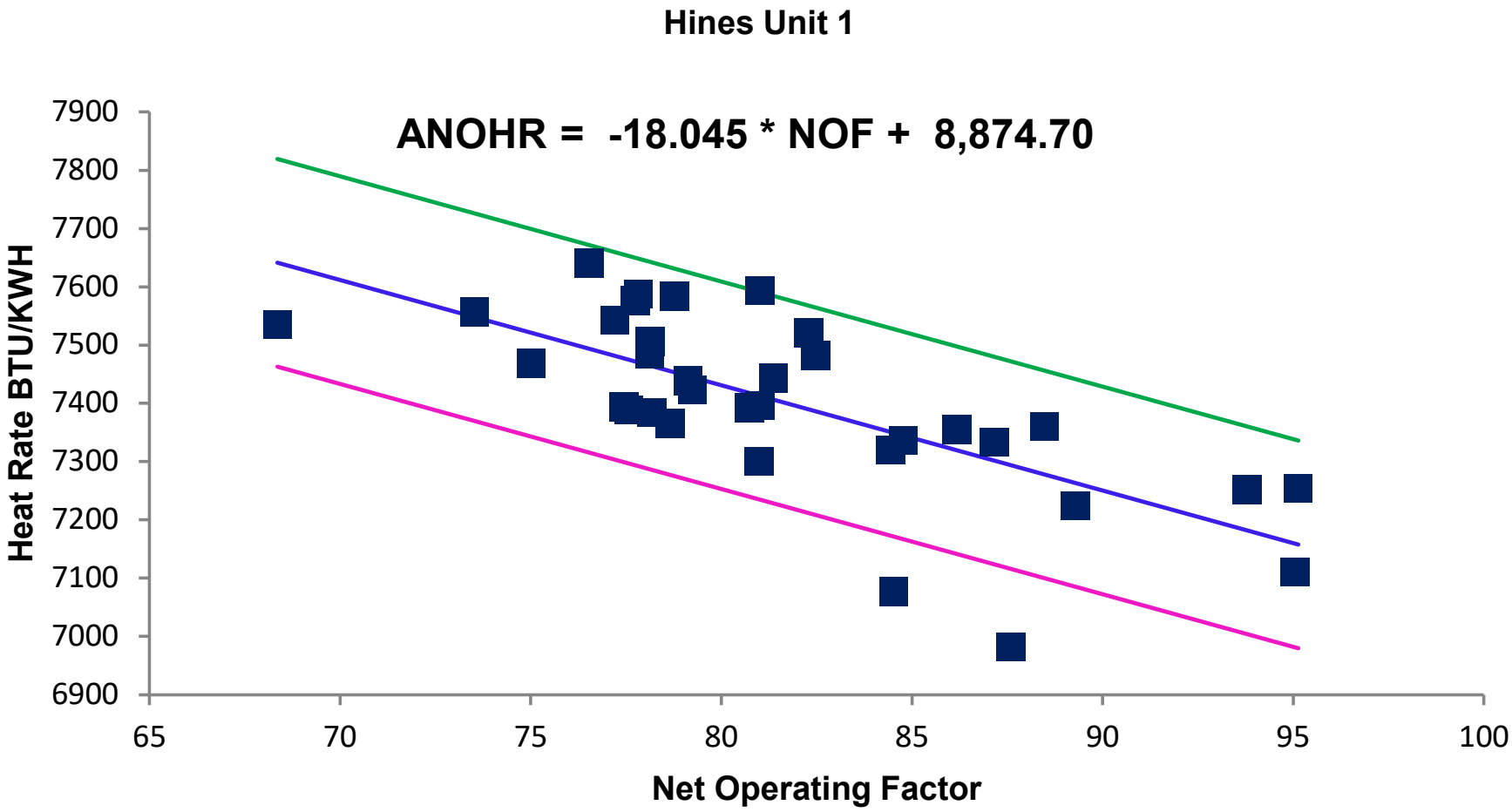
ANOHR = -18.045 * NOF + 8,874.70

TABLE OF RESIDUALS

DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-19	82.3	7,520	7,390	130.6	178.1
Aug-19	86.2	7,355	7,319	35.4	178.1
Sep-19	81.4	7,442	7,406	36.1	178.1
Oct-19	88.5	7,361	7,278	83.0	178.1
Nov-19	95.1	7,254	7,158	95.9	178.1
Dec-19	84.4	7,321	7,351	-30.2	178.1
Jan-20	81.0	7,594	7,413	181.5	178.1
Feb-20	76.6	7,640	7,493	146.7	178.1
Mar-20	78.1	7,506	7,465	40.9	178.1
Apr-20	78.1	7,485	7,465	20.3	178.1
May-20	77.7	7,576	7,472	104.1	178.1
Jun-20	78.8	7,585	7,453	131.6	178.1
Jul-20	82.5	7,482	7,387	95.6	178.1
Aug-20	79.3	7,423	7,445	-21.8	178.1
Sep-20	77.8	7,587	7,470	117.2	178.1
Nov-20	77.4	7,394	7,477	-83.5	178.1
Dec-20	95.1	7,111	7,160	-48.9	178.1
Jan-21	93.8	7,251	7,182	69.1	178.1
Feb-21	77.2	7,543	7,481	61.7	178.1
Mar-21	89.3	7,225	7,264	-39.0	178.1
Apr-21	87.6	6,982	7,294	-311.6	178.1
Jun-21	73.5	7,557	7,548	9.5	178.1
Jul-21	81.0	7,397	7,413	-15.8	178.1
Aug-21	80.7	7,393	7,418	-24.9	178.1
Sep-21	81.0	7,300	7,413	-112.8	178.1
Oct-21	84.5	7,076	7,350	-273.5	178.1
Nov-21	78.7	7,366	7,455	-89.1	178.1
Dec-21	77.6	7,388	7,475	-86.9	178.1
Jan-22	75.0	7,469	7,521	-51.8	178.1
Feb-22	68.4	7,536	7,641	-105.4	178.1
Mar-22	78.2	7,384	7,464	-79.5	178.1
Apr-22	87.2	7,333	7,302	31.8	178.1
May-22	84.8	7,337	7,345	-8.1	178.1
Jun-22	79.1	7,439	7,447	-8.2	178.1

Regression Output:

Constant	8874.70
Std Err of Y Est	109.8923305
R Squared	0.501032638
No. of Observations	34
Degrees of Freedom	32
X Coefficient	-18.04499629
Std Err of Coef.	3.183353502


Hines Unit 1
ANOHR = -18.045 * NOF + 8,874.70
Heat Rate BTU/KWH
7900
7800
7700
7600
7500
7400
7300
7200
7100
7000
6900
65
70
75
80
85
90
95
100
Net Operating Factor

DUKE ENERGY FLORIDA

Hines Unit 2

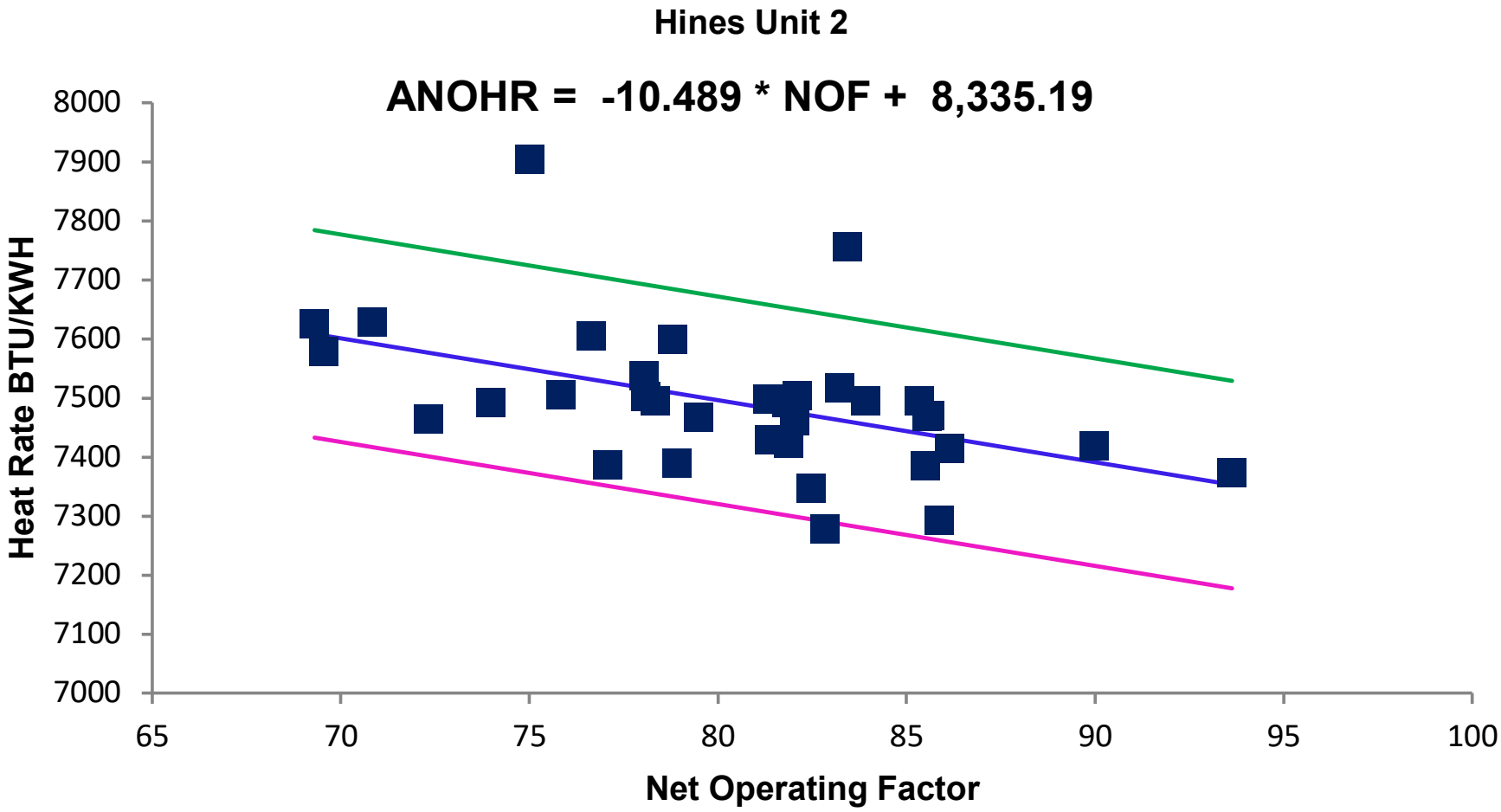
ANOHR = -10.489 * NOF + 8,335.19

TABLE OF RESIDUALS

DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-19	85.6	7,468	7,438	30.5	175.7
Aug-19	85.6	7,470	7,437	32.9	175.7
Sep-19	81.3	7,498	7,482	16.3	175.7
Oct-19	90.0	7,419	7,392	27.8	175.7
Nov-19	93.6	7,373	7,353	19.6	175.7
Dec-19	81.9	7,422	7,477	-54.4	175.7
Jan-20	78.9	7,390	7,508	-117.7	175.7
Feb-20	86.2	7,414	7,432	-17.6	175.7
Apr-20	69.3	7,625	7,608	16.6	175.7
May-20	70.8	7,628	7,592	35.8	175.7
Jun-20	78.8	7,599	7,509	89.9	175.7
Jul-20	83.2	7,516	7,462	53.9	175.7
Aug-20	81.4	7,430	7,482	-52.2	175.7
Sep-20	79.5	7,467	7,502	-34.5	175.7
Oct-20	85.5	7,385	7,439	-53.6	175.7
Nov-20	78.1	7,503	7,516	-13.7	175.7
Dec-20	82.0	7,462	7,475	-12.6	175.7
Jan-21	74.0	7,492	7,559	-67.1	175.7
Feb-21	76.6	7,605	7,532	73.3	175.7
Mar-21	78.3	7,495	7,514	-18.7	175.7
Apr-21	85.9	7,293	7,434	-141.8	175.7
May-21	82.5	7,348	7,470	-122.6	175.7
Jun-21	85.3	7,495	7,440	55.1	175.7
Jul-21	82.1	7,504	7,474	29.6	175.7
Aug-21	83.9	7,496	7,455	40.6	175.7
Sep-21	81.8	7,492	7,477	14.8	175.7
Oct-21	82.8	7,277	7,466	-189.3	175.7
Nov-21	78.0	7,538	7,517	21.0	175.7
Dec-21	75.8	7,506	7,540	-34.3	175.7
Jan-22	69.5	7,579	7,606	-26.6	175.7
Feb-22	72.3	7,464	7,577	-112.7	175.7
Mar-22	77.1	7,387	7,527	-140.2	175.7
May-22	75.0	7,904	7,549	355.8	175.7
Jun-22	83.4	7,756	7,460	296.0	175.7

Regression Output:

Constant	8335.19
Std Err of Y Est	108.4173095
R Squared	0.229737868
No. of Observations	34
Degrees of Freedom	32
X Coefficient	-10.48855766
Std Err of Coef.	3.395031133


Hines Unit 2
ANOHR = -10.489 * NOF + 8,335.19
Heat Rate BTU/KWH
8000
7900
7800
7700
7600
7500
7400
7300
7200
7100
7000
65
70
75
80
85
90
95
100
Net Operating Factor

DUKE ENERGY FLORIDA

Hines Unit 3

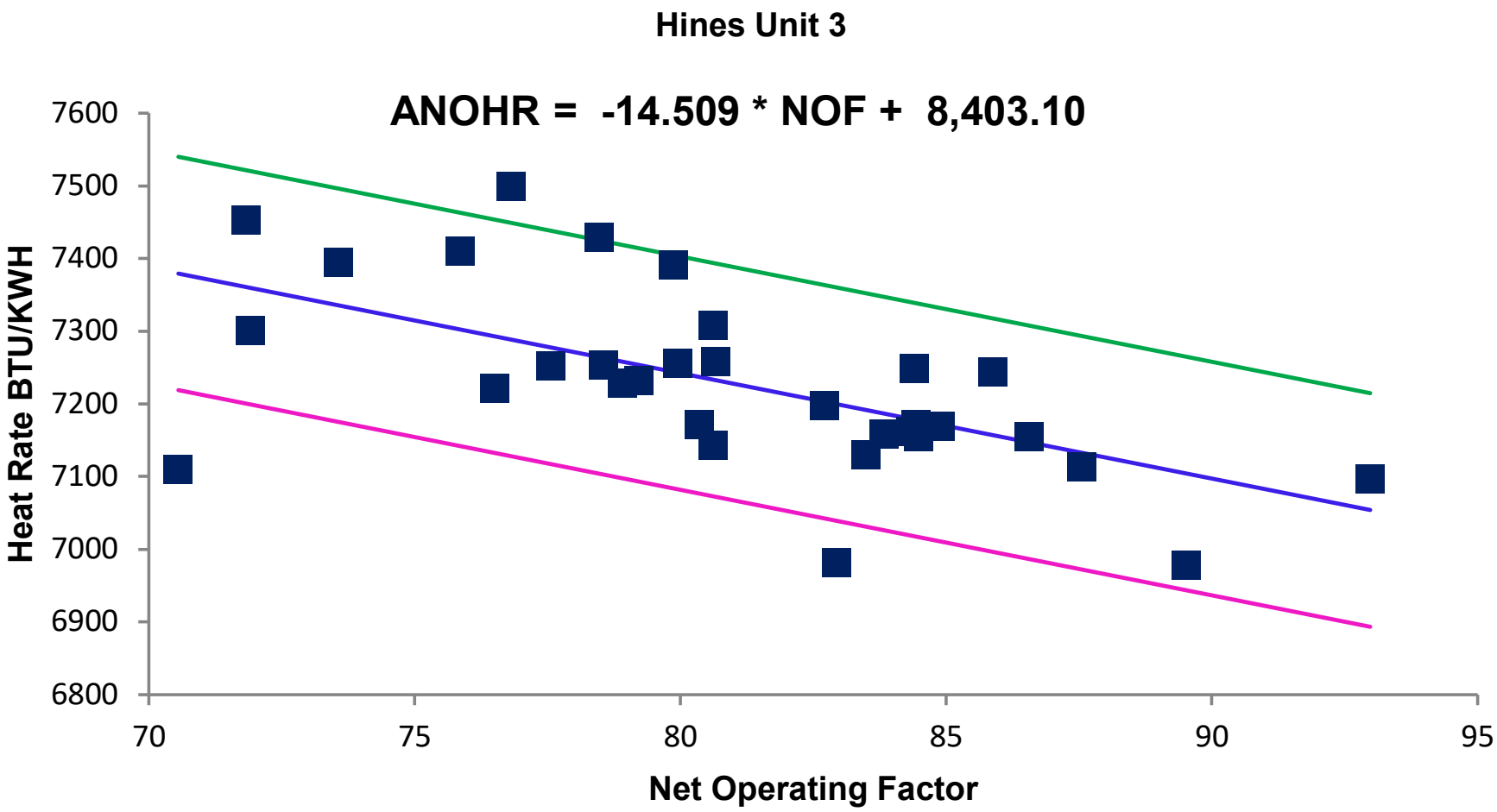
ANOHR = -14.509 * NOF + 8,403.10

TABLE OF RESIDUALS

DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-19	84.5	7,155	7,177	-22.4	160.6
Aug-19	84.9	7,170	7,171	-1.8	160.6
Sep-19	80.6	7,309	7,233	75.1	160.6
Oct-19	93.0	7,096	7,054	42.2	160.6
Nov-19	89.5	6,979	7,104	-125.3	160.6
Dec-19	75.9	7,411	7,303	108.1	160.6
Jan-20	76.8	7,500	7,289	211.3	160.6
Feb-20	82.7	7,197	7,203	-5.5	160.6
Mar-20	80.0	7,256	7,243	13.1	160.6
Apr-20	78.9	7,228	7,258	-30.3	160.6
May-20	73.6	7,395	7,336	58.8	160.6
Jun-20	83.5	7,129	7,192	-62.6	160.6
Jul-20	80.7	7,258	7,233	25.1	160.6
Aug-20	78.5	7,429	7,265	164.6	160.6
Sep-20	79.2	7,232	7,254	-22.0	160.6
Oct-20	87.6	7,114	7,133	-19.0	160.6
Nov-20	78.6	7,253	7,263	-10.3	160.6
Dec-20	83.8	7,159	7,187	-28.3	160.6
Jan-21	70.6	7,110	7,379	-269.9	160.6
Feb-21	71.8	7,453	7,361	92.4	160.6
Jun-21	79.9	7,390	7,244	146.0	160.6
Jul-21	84.4	7,172	7,178	-5.9	160.6
Aug-21	86.6	7,156	7,147	8.4	160.6
Sep-21	84.3	7,163	7,180	-16.9	160.6
Oct-21	82.9	6,982	7,200	-217.9	160.6
Nov-21	77.6	7,252	7,278	-25.8	160.6
Dec-21	80.4	7,172	7,237	-65.1	160.6
Jan-22	71.9	7,301	7,360	-58.5	160.6
Feb-22	76.5	7,221	7,293	-71.4	160.6
Mar-22	80.6	7,143	7,233	-90.5	160.6
Apr-22	84.4	7,249	7,179	70.4	160.6
May-22	85.9	7,244	7,157	86.8	160.6
Jun-22	85.3	7,212	7,165	46.9	160.6

Regression Output:

Constant	8403.10
Std Err of Y Est	99.14999054
R Squared	0.368510184
No. of Observations	33
Degrees of Freedom	31
X Coefficient	-14.50897515
Std Err of Coef.	3.411256047


Hines Unit 3
ANOHR = -14.509 * NOF + 8,403.10
Heat Rate BTU/KWH
7600
7500
7400
7300
7200
7100
7000
6900
6800
70
75
80
85
90
95
Net Operating Factor

DUKE ENERGY FLORIDA

Hines Unit 4

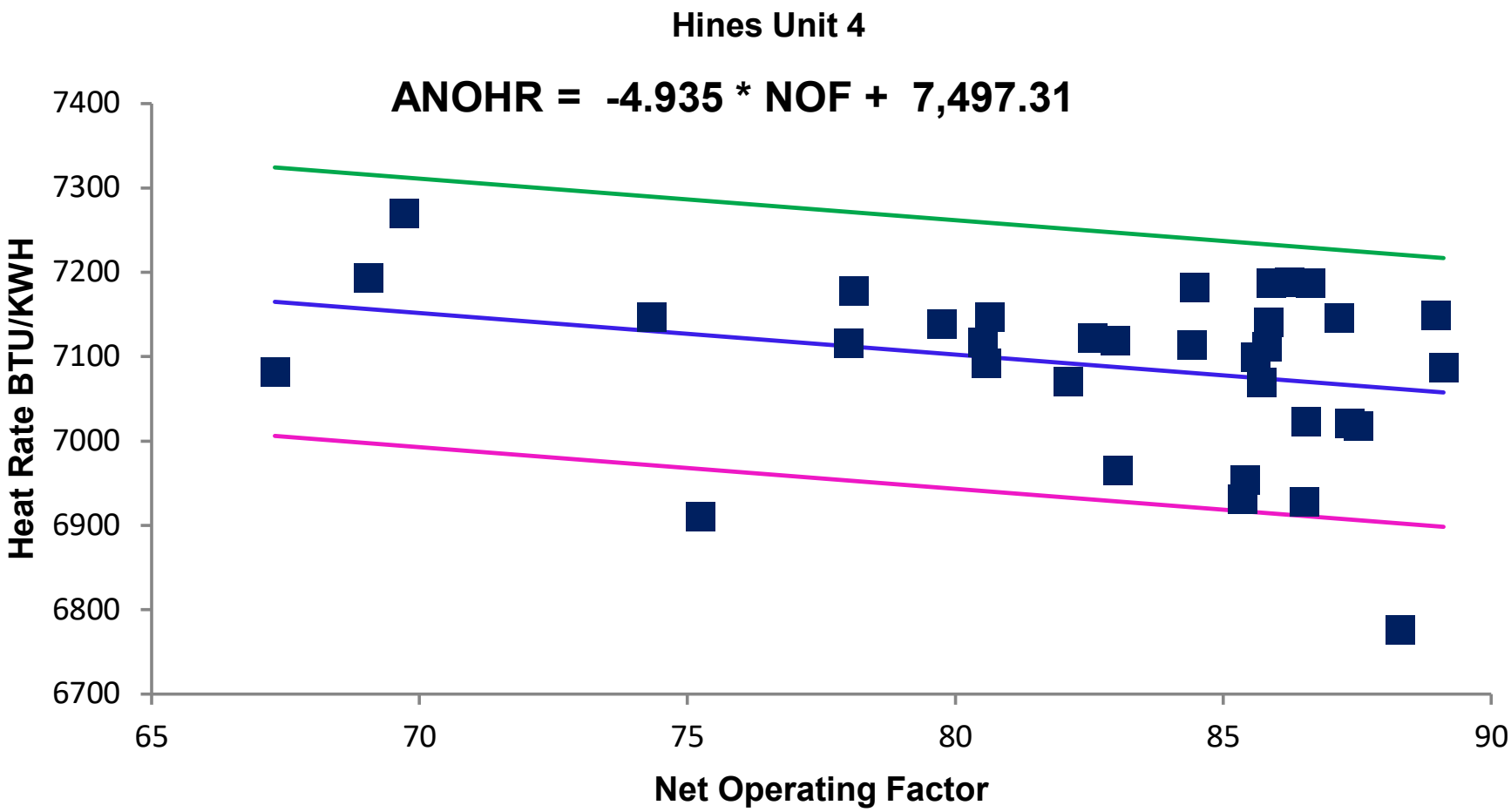
ANOHR = -4.935 * NOF + 7,497.31

TABLE OF RESIDUALS

DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-19	86.2	7,188	7,072	116.2	159.3
Aug-19	86.6	7,187	7,070	117.7	159.3
Sep-19	85.7	7,069	7,074	-5.1	159.3
Oct-19	85.6	7,100	7,075	24.8	159.3
Dec-19	88.3	6,776	7,062	-286.0	159.3
Jan-20	85.4	6,930	7,076	-145.7	159.3
Feb-20	83.0	6,965	7,088	-122.1	159.3
Mar-20	78.1	7,178	7,112	66.0	159.3
Apr-20	79.8	7,138	7,104	34.6	159.3
May-20	82.1	7,070	7,092	-21.6	159.3
Jun-20	85.8	7,112	7,074	38.0	159.3
Jul-20	83.0	7,119	7,088	31.7	159.3
Aug-20	80.6	7,092	7,100	-7.6	159.3
Sep-20	80.7	7,147	7,099	48.1	159.3
Oct-20	89.1	7,087	7,058	29.1	159.3
Nov-20	84.5	7,182	7,080	101.7	159.3
Dec-20	74.3	7,148	7,130	17.1	159.3
Jan-21	75.2	6,911	7,126	-215.0	159.3
Feb-21	87.4	7,021	7,066	-45.4	159.3
Mar-21	87.5	7,018	7,065	-47.7	159.3
Apr-21	85.4	6,953	7,076	-122.5	159.3
May-21	86.6	7,023	7,070	-47.1	159.3
Jun-21	89.0	7,149	7,058	90.4	159.3
Jul-21	85.9	7,187	7,073	113.2	159.3
Aug-21	87.2	7,145	7,067	78.3	159.3
Sep-21	85.9	7,141	7,074	67.4	159.3
Oct-21	86.5	6,928	7,070	-142.5	159.3
Nov-21	84.4	7,114	7,081	33.2	159.3
Dec-21	80.5	7,117	7,100	17.1	159.3
Jan-22	82.6	7,123	7,090	32.8	159.3
Feb-22	78.0	7,116	7,112	3.7	159.3
Mar-22	67.3	7,082	7,165	-83.3	159.3
Apr-22	69.0	7,193	7,157	36.3	159.3
May-22	69.7	7,270	7,153	117.0	159.3
Jun-22	87.4	7,143	7,066	77.2	159.3

Regression Output:

Constant	7497.31
Std Err of Y Est	98.23473663
R Squared	0.078097532
No. of Observations	35
Degrees of Freedom	33
X Coefficient	-4.935276746
Std Err of Coef.	2.951741856


Hines Unit 4
ANOHR = -4.935 * NOF + 7,497.31
Heat Rate BTU/KWH
7400
7300
7200
7100
7000
6900
6800
6700
65
70
75
80
85
90
Net Operating Factor

UNPLANNED OUTAGE RATE TABLES AND GRAPHS

Bartow
Unit 4

	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	696.00	743.00	720.00	744.00	720 00	744.00	744.00	720.00	744 00	721.00	744.00
SER HOURS	737.09	740.57	670.41	278.80	189.58	483.51	615.84	621.13	660.96	549.05	654.16	691 89	742.62	730.42	669.45	699.46	566.56	339.46
RSH	4.23	1.78	23.79	7.57	48.81	71.93	8.61	68.95	43.16	137.94	78.46	28.11	0.13	7.17	48.98	39.60	116.68	50.04
UH	2.68	1.65	25.80	457.63	482.61	188.56	119.55	5.92	38.88	33.01	11.38	0 00	1.25	6.41	1.57	4 94	37.76	354.50
POH	0.00	0.00	24.63	457.63	482.51	169.16	119.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	34.04	259.34
FOH	1.22	0.73	1.17	0.00	0.10	0.00	0.38	5.67	34.52	1.74	0.03	0.00	1.25	6.41	1.57	4 94	3.72	95.16
MOH	1.46	0.92	0.00	0.00	0.00	19.40	0.00	0.25	4.36	31.27	11.35	0.00	0.00	0.00	0.00	0 00	0.00	0.00
PFOH	1.93	1.19	1.84	0.00	0.00	0.00	0.00	11.24	11.37	0.00	0.06	0.00	19.92	0.00	0.00	0 00	0.00	0.00
LRPF	186.77	187.05	187.58	0.00	0.00	0.00	0.00	108.20	108.23	0.00	105.50	0.00	55.26	0.00	0.00	0 00	0.00	0.00
EFOH	0.33	0.21	0.32	0.00	0.00	0.00	0.00	1.06	1.08	0.00	0.01	0 00	0.96	0.00	0.00	0 00	0.00	0.00
PMOH	2.32	1.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.67	0 00	0.00	0.00	0.00	0 00	0.00	0.00
LRPM	187.23	187.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	114.17	0 00	0.00	0.00	0.00	0 00	0.00	0.00
EMOH	0.40	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.16	0 00	0.00	0.00	0.00	0 00	0.00	0.00
NPC	1080.00	1080.00	1080.00	1080.00	1080.00	1080.00	1144.00	1144.00	1144.00	1144.00	1144.00	1144.00	1144.00	1144.00	1144.00	1144 00	1144.00	1144.00

MONTHLY	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
FOR	0.17	0.10	0.17	0.00	0.05	0.00	0.06	0.90	4.96	0.32	0.00	0.00	0.17	0.87	0.23	0.70	0.65	21.89
MOR	0.20	0.12	0.00	0.00	0.00	3.86	0.00	0.04	0.66	5.39	1.71	0.00	0.00	0.00	0.00	0 00	0.00	0.00
PFOR	0.05	0.03	0.05	0.00	0.00	0.00	0.00	0.17	0.16	0.00	0.00	0 00	0.13	0.00	0.00	0 00	0.00	0.00
PMOR	0.05	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0 00	0.00	0.00	0.00	0 00	0.00	0.00
EUOR	0.46	0.29	0.22	0.00	0.05	3.86	0.06	1.11	5.71	5.67	2.04	0 00	0.30	0.87	0.23	0.70	0.65	21.89
EUOF	0.46	0.29	0.21	0.00	0.01	2.61	0.05	1.00	5.38	4.58	1.82	0.00	0.30	0.86	0.22	0.66	0.52	12.79
POF	0.00	0.00	3.42	61.51	66.92	22.74	16.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	4.72	34.86
EAF	99.54	99.71	96.37	38.49	33.06	74.66	83.93	99.00	94.62	95.42	98.18	100.00	99.70	99.14	99.78	99 34	94.76	52.35

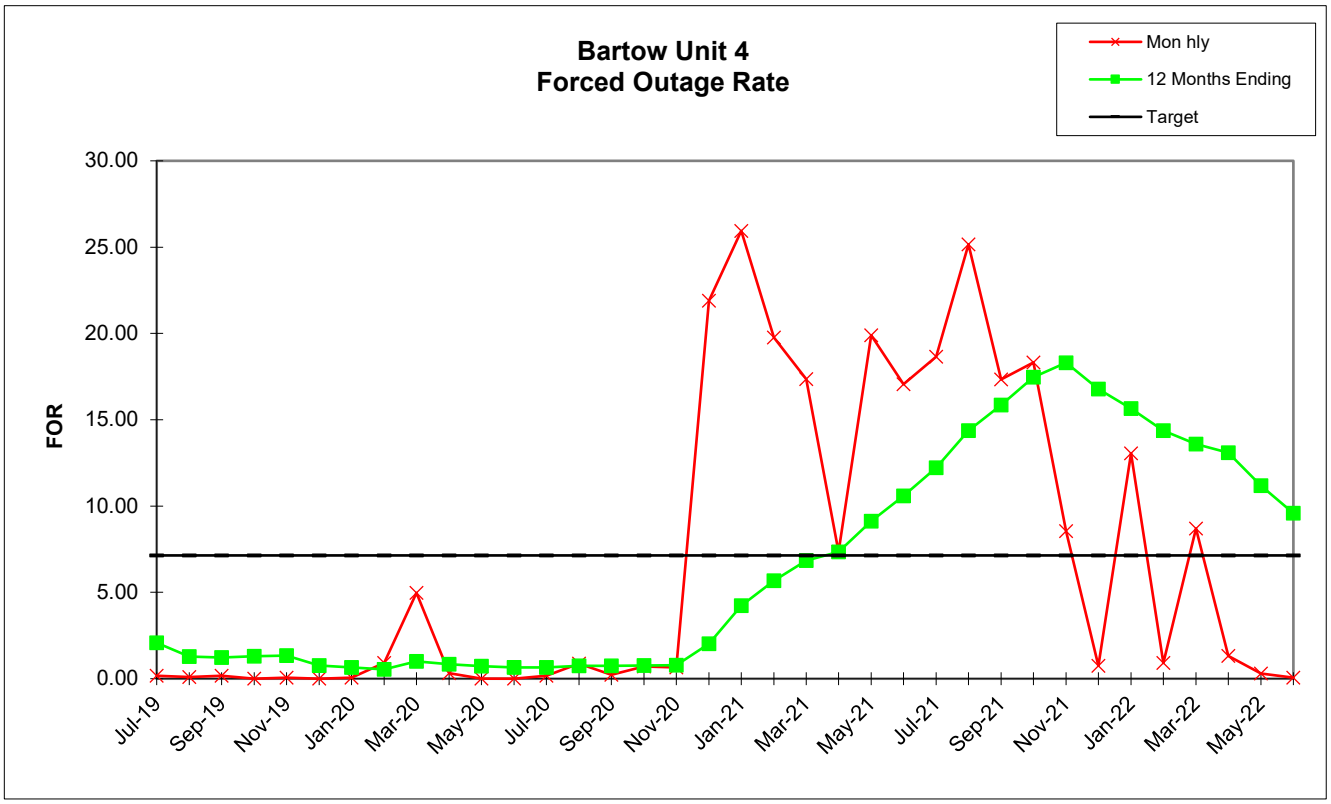
12 MONTHS	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
FOR	2.07	1.29	1.23	1.30	1.34	0.77	0.65	0.54	1.01	0.85	0.72	0.66	0.66	0.74	0.74	0.77	0.78	2.02
MOR	1.16	1.16	1.04	1.10	1.01	1.04	1.00	1.00	0.83	0.97	0.99	0.99	0.97	0.96	0.96	0 90	0.86	0.62
PFOR	0.23	0.16	0.15	0.16	0.16	0.09	0.09	0.09	0.10	0.10	0.07	0 04	0.05	0.05	0.05	0 04	0.04	0.04
PMOR	0.47	0.47	0.47	0.50	0.51	0.52	0.52	0.52	0.05	0.05	0.04	0.04	0.04	0.03	0.03	0 03	0.03	0.03
EUOR	3.86	3.03	2.84	3.00	2.97	2.39	2.24	2.13	1.98	1.96	1.80	1.72	1.70	1.76	1.76	1.73	1.69	2.68
EUOF	3.55	2.78	2.59	2.59	2.41	1.89	1.77	1.68	1.61	1.58	1.44	1.37	1.36	1.41	1.41	1.46	1.50	2.37
POF	4.06	4.06	4.34	9.57	14.76	16.42	17.78	17.73	15.07	14.27	14.27	14 27	14.27	14.27	13.99	8.78	3.67	4.70
EAF	92.39	93.16	93.06	87.84	82.84	81.69	80.45	80.58	83.32	84.16	84.29	84.36	84.38	84.33	84.61	89.76	94.83	92.94

Bartow
Unit 4

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
PER HOURS	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720 00	744.00	720.00
SER HOURS	491.21	468.06	606.84	613.66	593.61	548.13	507.62	466.85	550.38	524.30	348.75	559.71	575.32	482.55	565.25	625.12	681.19	706.05
RSH	80.70	39.97	8.69	0.66	0.00	0.00	0.00	0.17	0.58	17.77	120.80	79 05	35.74	85.50	57.63	22.67	17.98	0.00
UH	172.09	163.97	127.47	105.68	150.39	171.87	236.38	276.98	169.05	201.93	251.45	105 24	132.94	103.95	120.12	72 22	44.83	13.95
POH	0.00	0.00	0.00	57.08	2.92	46.51	119.96	119.96	53.67	80.70	218.86	32.71	0.00	60.54	56.49	53.64	0.00	1.01
FOH	172.09	115.29	127.47	48.60	147.47	112.66	116.42	157.02	115.38	117.57	32.59	4.18	86.31	4.43	53.87	8 35	2.07	0.47
MOH	0.00	48.68	0.00	0.00	0.00	12.69	0.00	0.00	0.00	3.66	0.00	68.35	46.62	38.98	9.77	10 22	42.76	12.46
PFOH	165.67	223.62	247.24	28.33	238.62	239.59	247.58	211.81	237.82	176.81	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00
LRPF	13.00	10.24	13.00	12.98	13.00	13.00	13.00	13.00	13.00	13.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00
EFOH	1.84	1.96	2.75	0.31	2.65	2.66	2.75	2.36	2.64	1.97	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00
PMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.00
LRPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.00
EMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.00
NPC	1169.00	1169.00	1169.00	1169.00	1169.00	1169.00	1169.00	1169.00	1169.00	1169.00	1169.00	1169 00	1112.00	1112.00	1112.00	1112 00	1112.00	1112.00

MONTHLY	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
FOR	25.94	19.76	17.36	7.34	19.90	17.05	18.66	25.17	17.33	18.32	8.55	0.74	13.05	0.91	8.70	1 32	0.30	0.07
MOR	0.00	9.42	0.00	0.00	0.00	2.26	0.00	0.00	0.00	0.69	0.00	10 88	7.50	7.47	1.70	1.61	5.91	1.73
PFOR	0.38	0.42	0.45	0.05	0.45	0.49	0.54	0.50	0.48	0.38	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.00
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.00
EUOR	26.22	26.25	17.73	7.39	20.26	19.01	19.10	25.55	17.73	19.08	8.55	11.47	18.77	8.25	10.12	2 89	6.18	1.80
EUOF	23.38	24.69	17.53	6.79	20.18	17.78	16.02	21.42	16.39	16.56	4.52	9.75	17.87	6.46	8.56	2 58	6.03	1.80
POF	0.00	0.00	0.00	7.93	0.39	6.46	16.12	16.12	7.45	10.85	30.36	4.40	0.00	9.01	7.60	7.45	0.00	0.14
EAF	76.62	75.31	82.47	85.28	79.43	75.76	67.86	62.46	76.15	72.59	65.12	85.85	82.13	84.53	83.83	89 97	93.97	98.06

12 MONTHS	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
FOR	4.22	5.67	6.84	7.34	9.12	10.58	12.22	14.37	15.86	17.47	18.31	16.79	15.65	14.37	13.59	13 09	11.19	9.58
MOR	0.63	1.30	1.25	0.82	0.67	0.86	0.89	0.93	0.94	1.03	1.06	2 08	2.75	2.60	2.76	2 91	3.50	3.41
PFOR	0.07	0.08	0.10	0.11	0.15	0.19	0.22	0.26	0.31	0.35	0.36	0 35	0.32	0.28	0.24	0 24	0.19	0.15
PMOR	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.00
EUOR	4.90	6.93	8.05	8.17	9.81	11.44	13.10	15.27	16.79	18.46	19.31	18 52	17.88	16.52	15.87	15 50	14.12	12.51
EUOF	4.34	6.17	7.20	7.38	8.94	10.40	11.74	13.48	14.81	16.16	16.49	16.23	15.77	14.37	13.61	13 26	12.06	10.74
POF	3.34	3.35	3.35	4.00	4.03	4.57	5.93	7.30	7.92	8.84	10.95	8.36	8.36	9.05	9.70	9.66	9.62	9.10
EAF	92.32	90.48	89.45	88.62	87.03	85.03	82.33	79.21	77.27	75.00	72.56	75.41	75.87	76.58	76.70	77 08	78.32	80.15


Bartow Unit 4
Forced Outage Rate
Mon hly
12 Months Ending
Target
FOR
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
Mar-21
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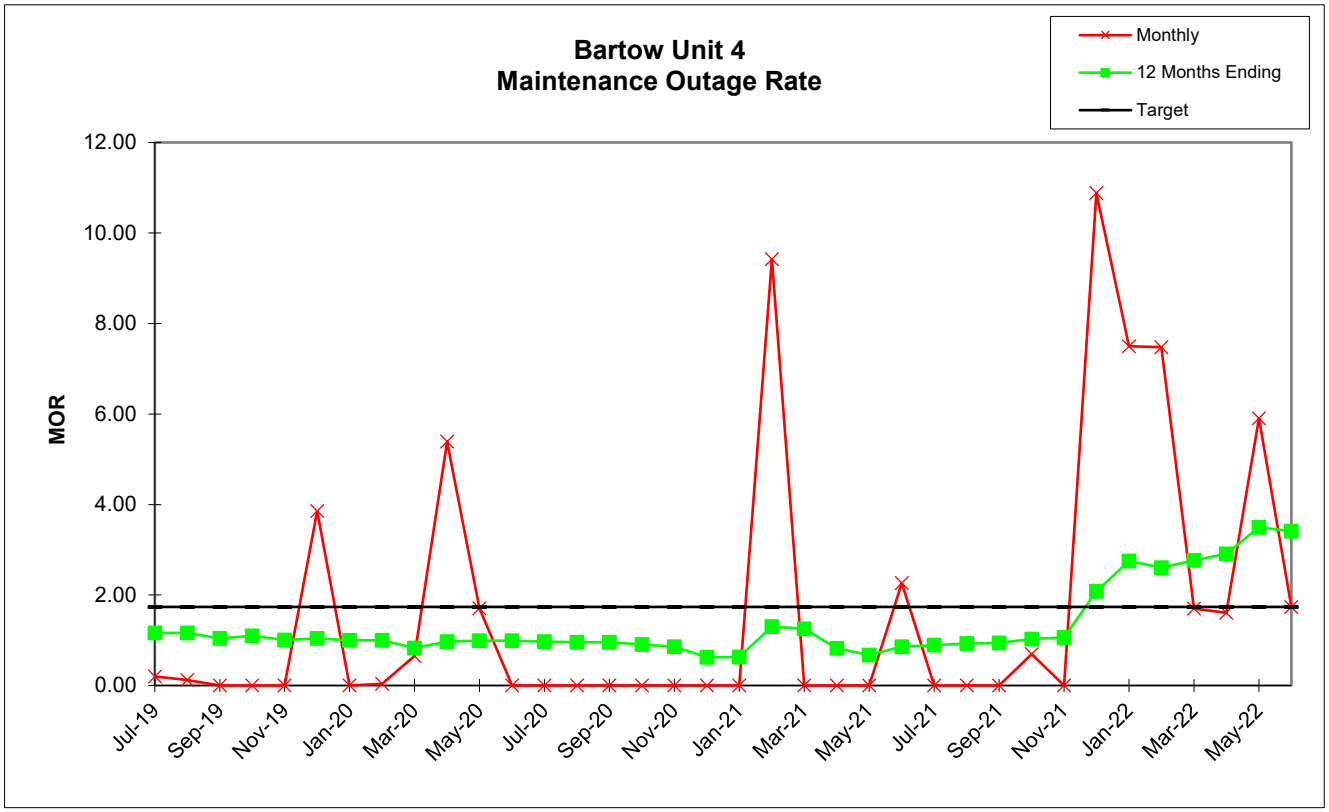
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22


Bartow Unit 4
Maintenance Outage Rate
Monthly
12 Months Ending
Target
MOR
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
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Jul-21
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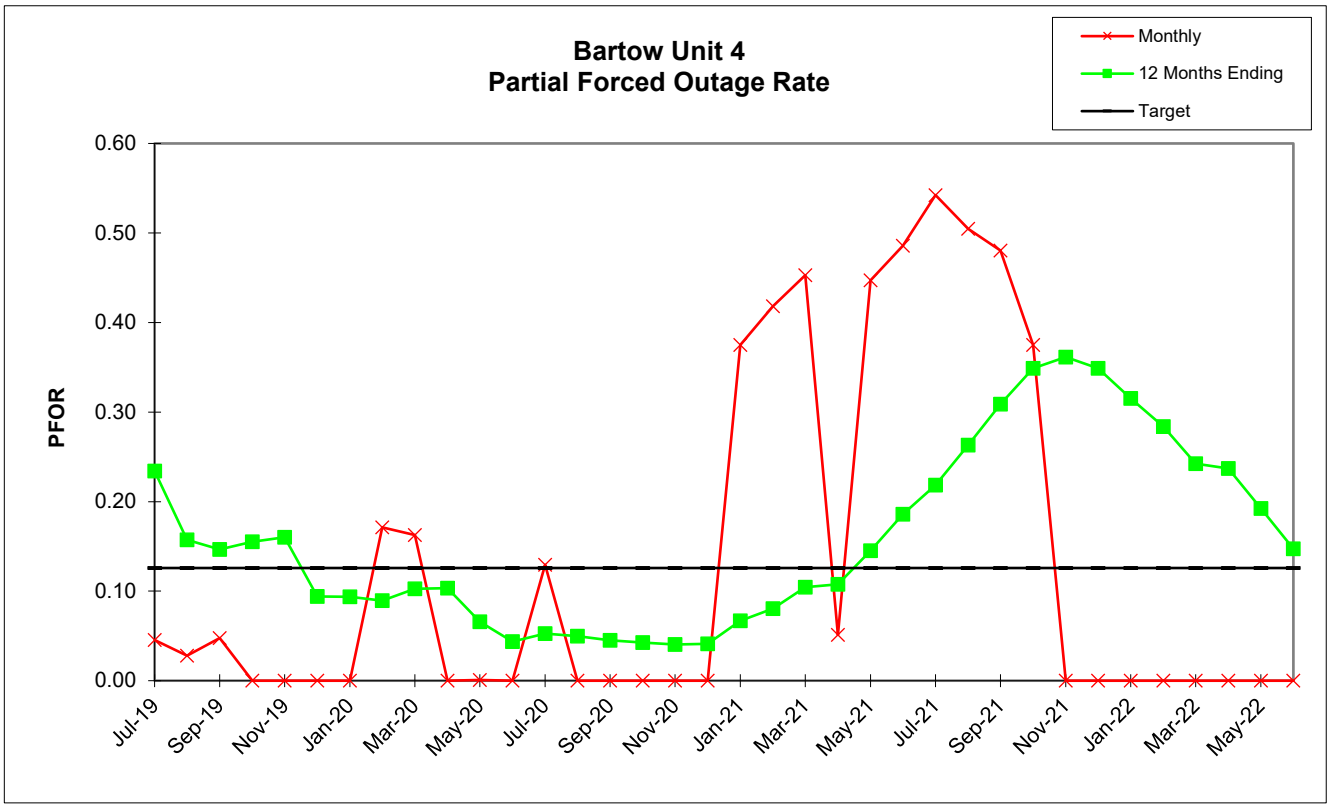
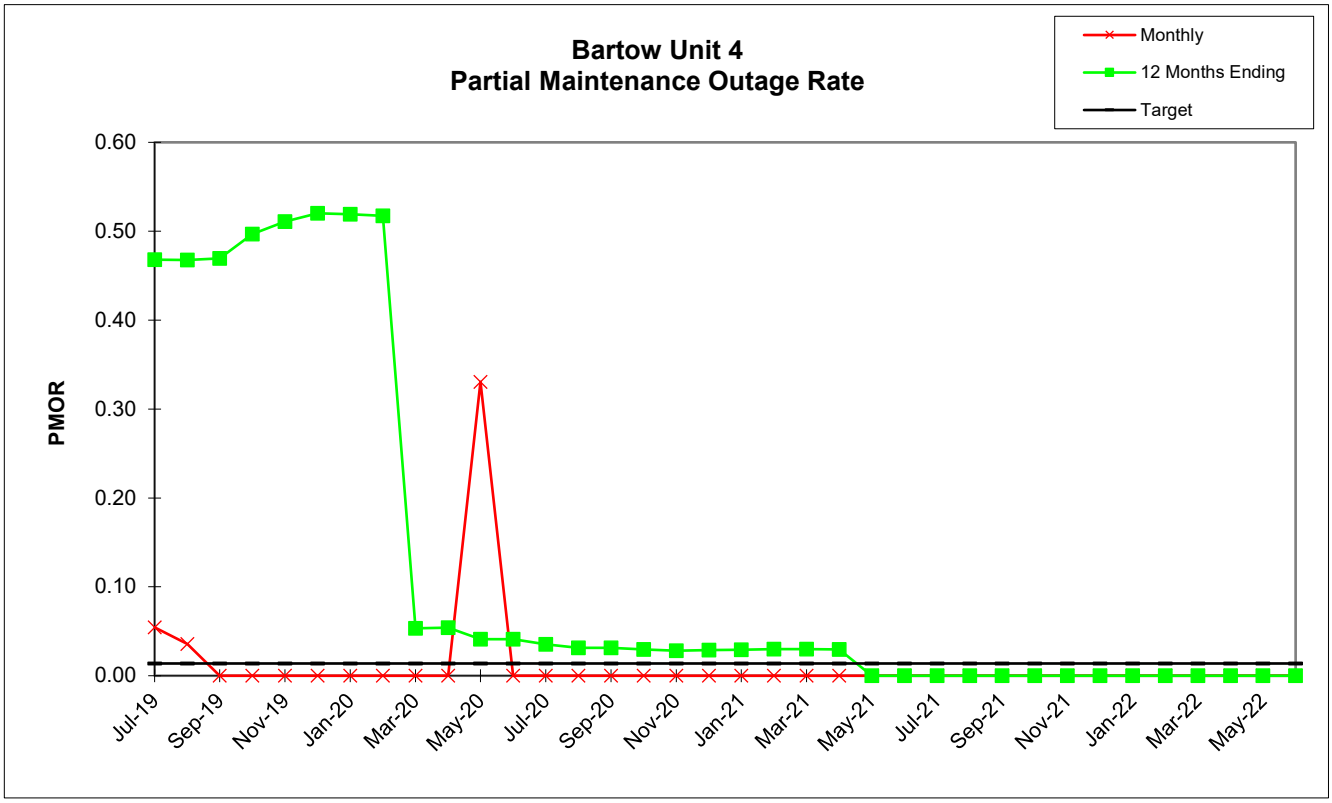
Jan-22
Mar-22
May-22


Bartow Unit 4
Partial Forced Outage Rate
Monthly
12 Months Ending
Target
PFOR
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
Mar-21
May-21
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22


Bartow Unit 4
Partial Maintenance Outage Rate
Monthly
12 Months Ending
Target
PMOR
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
Mar-21
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Jul-21
Sep-21
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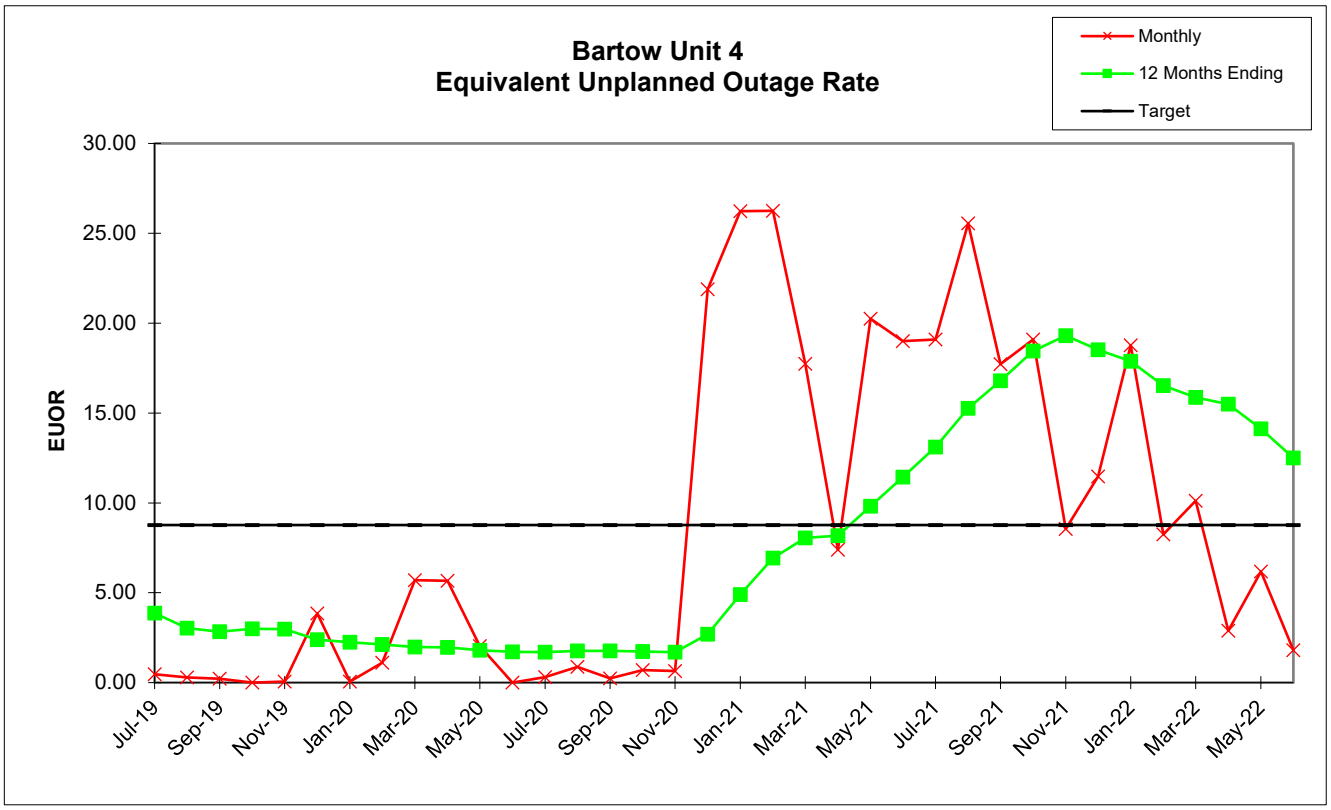
Jan-22
Mar-22
May-22


Bartow Unit 4
Equivalent Unplanned Outage Rate
Monthly
12 Months Ending
Target
EUOR
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
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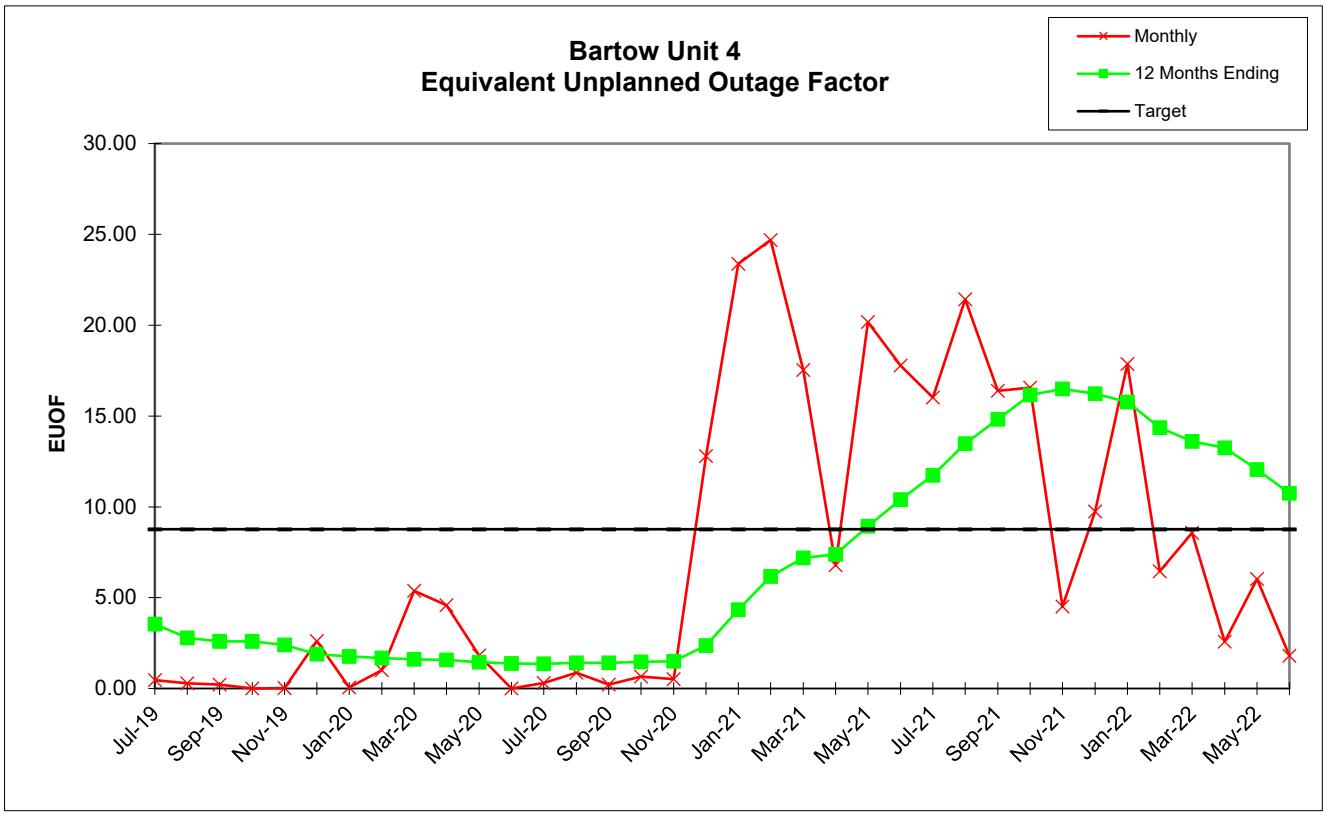
Jan-22
Mar-22
May-22


Bartow Unit 4
Equivalent Unplanned Outage Factor
Monthly
12 Months Ending
Target
EUOF
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
Mar-21
May-21
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22

Citrus County
Unit 1

	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	696.00	743.00	720.00	744.00	720 00	744.00	744.00	720.00	744 00	721.00	744.00
SER HOURS	740.94	741.32	720.00	601.14	152.28	744.00	723.84	545.38	733.78	711.04	640.85	720 00	737.59	744.00	718.95	144 32	714.77	721.99
RSH	0.99	0.00	0.00	0.00	0.00	0.00	19.84	17.89	9.22	6.99	10.06	0 00	0.00	0.00	1.05	46 20	6.23	4.77
UH	2.07	2.68	0.00	142.86	568.72	0.00	0.32	132.73	0.00	1.97	93.10	0 00	6.41	0.00	0.00	553.48	0.00	17.24
POH	0.00	0.00	0.00	142.86	561.89	0.00	0.32	126.33	0.00	0.00	0.00	0 00	0.00	0.00	0.00	546.71	0.00	0.00
FOH	2.07	2.68	0.00	0.00	6.83	0.00	0.00	6.40	0.00	1.73	92.46	0 00	6.41	0.00	0.00	6.78	0.00	17.24
MOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.64	0.00	0.00	0.00	0.00	0 00	0.00	0.00
PFOH	2.31	2.98	0.00	0.05	7.66	0.00	0.00	0.00	0.00	1.98	0.00	0.00	7.33	0.00	0.00	0 00	0.00	0.00
LRPF	327.84	223.07	0.00	39.87	333.00	0.00	0.00	0.00	0.00	181.98	0.00	0.00	172.02	0.00	0.00	0 00	0.00	0.00
EFOH	0.81	0.71	0.00	0.00	2.74	0.00	0.00	0.00	0.00	0.38	0.00	0.00	1.34	0.00	0.00	0 00	0.00	0.00
PMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.23	0 00	0.00	0.00	0.00	0 00	0.00	0.00
LRPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	187.01	0 00	0.00	0.00	0.00	0 00	0.00	0.00
EMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.43	0 00	0.00	0.00	0.00	0 00	0.00	0.00
NPC	931.00	931.00	931.00	931.00	931.00	931.00	941.00	941.00	941.00	941.00	941.00	941.00	941.00	941.00	941.00	941 00	941.00	941.00

MONTHLY	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
FOR	0.28	0.36	0.00	0.00	4.30	0.00	0.00	1.16	0.00	0.24	12.61	0.00	0.86	0.00	0.00	4.49	0.00	2.33
MOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.10	0 00	0.00	0.00	0.00	0 00	0.00	0.00
PFOR	0.11	0.10	0.00	0.00	1.80	0.00	0.00	0.00	0.00	0.05	0.00	0 00	0.18	0.00	0.00	0 00	0.00	0.00
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0 00	0.00	0.00	0.00	0 00	0.00	0.00
EUOR	0.39	0.46	0.00	0.00	6.02	0.00	0.00	1.16	0.00	0.33	13.02	0 00	1.04	0.00	0.00	4.49	0.00	2.33
EUOF	0.39	0.46	0.00	0.00	1.33	0.00	0.00	0.92	0.00	0.33	12.84	0.00	1.04	0.00	0.00	0 91	0.00	2.32
POF	0.00	0.00	0.00	19.20	77.93	0.00	0.04	18.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	73.48	0.00	0.00
EAF	99.61	99.54	100.00	80.80	20.74	100.00	99.96	80.93	100.00	99.67	87.16	100.00	98.96	100.00	100.00	25.61	100.00	97.68

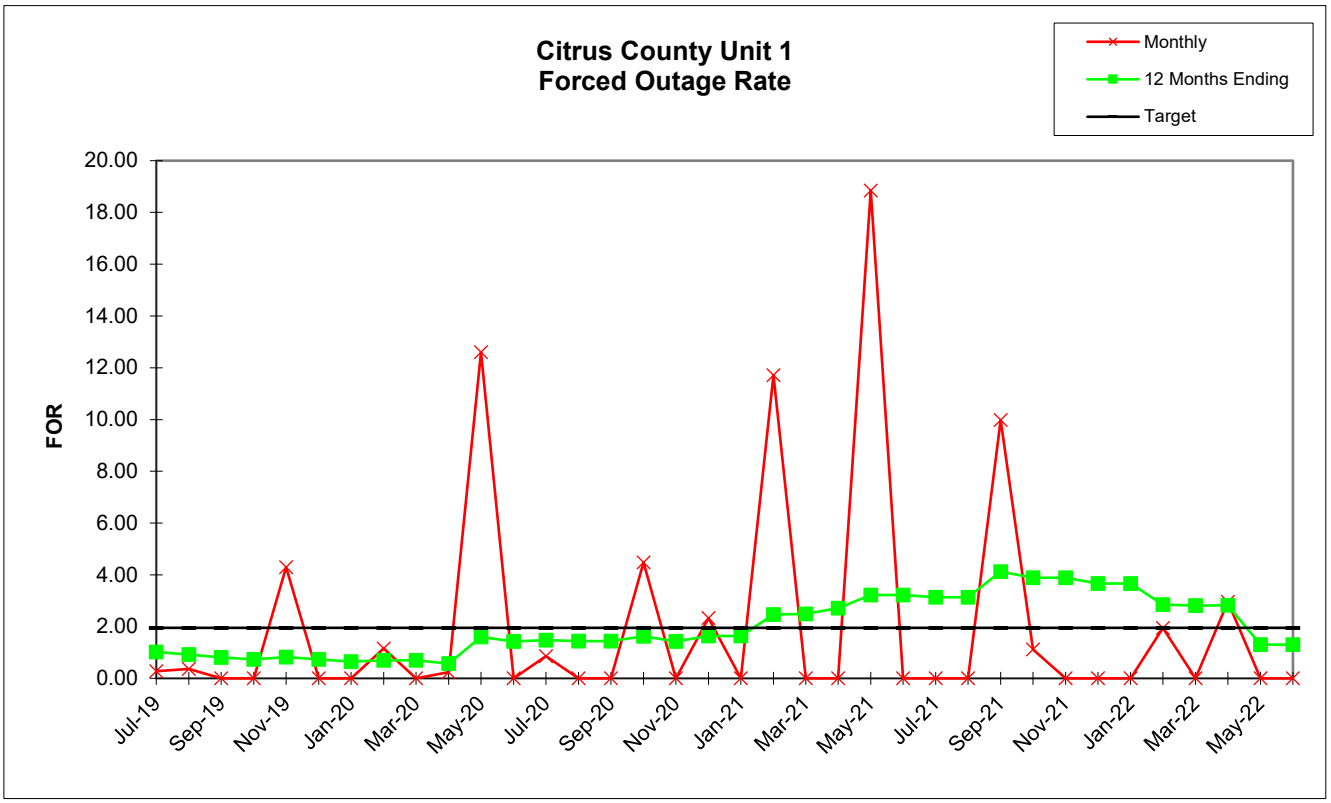
12 MONTHS	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
FOR	1.01	0.92	0.81	0.73	0.82	0.73	0.65	0.70	0.69	0.57	1.60	1.42	1.48	1.44	1.44	1.62	1.42	1.64
MOR	3.41	2.93	2.58	2.34	2.29	2.06	1.06	0.83	0.00	0.00	0.01	0 01	0.01	0.01	0.01	0 01	0.01	0.01
PFOR	0.10	0.10	0.08	0.08	0.12	0.11	0.10	0.10	0.10	0.09	0.06	0 06	0.07	0.06	0.06	0 06	0.02	0.02
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.03	0.03	0.03	0 03	0.03	0.03
EUOR	4.46	3.89	3.43	3.11	3.18	2.87	1.78	1.61	0.79	0.66	1.70	1.52	1.58	1.54	1.54	1.73	1.49	1.70
EUOF	3.97	3.52	3.13	2.81	2.68	2.45	1.52	1.36	0.67	0.59	1.53	1.37	1.42	1.38	1.38	1.46	1.35	1.55
POF	9.34	8.15	7.26	8.47	14.72	13.47	13.47	14.88	14.88	10.15	9.46	9.46	9.46	9.46	9.46	14 06	7.67	7.67
EAF	86.69	88.33	89.61	88.71	82.60	84.08	85.00	83.76	84.46	89.26	89.01	89.17	89.11	89.15	89.15	84.48	90.98	90.79

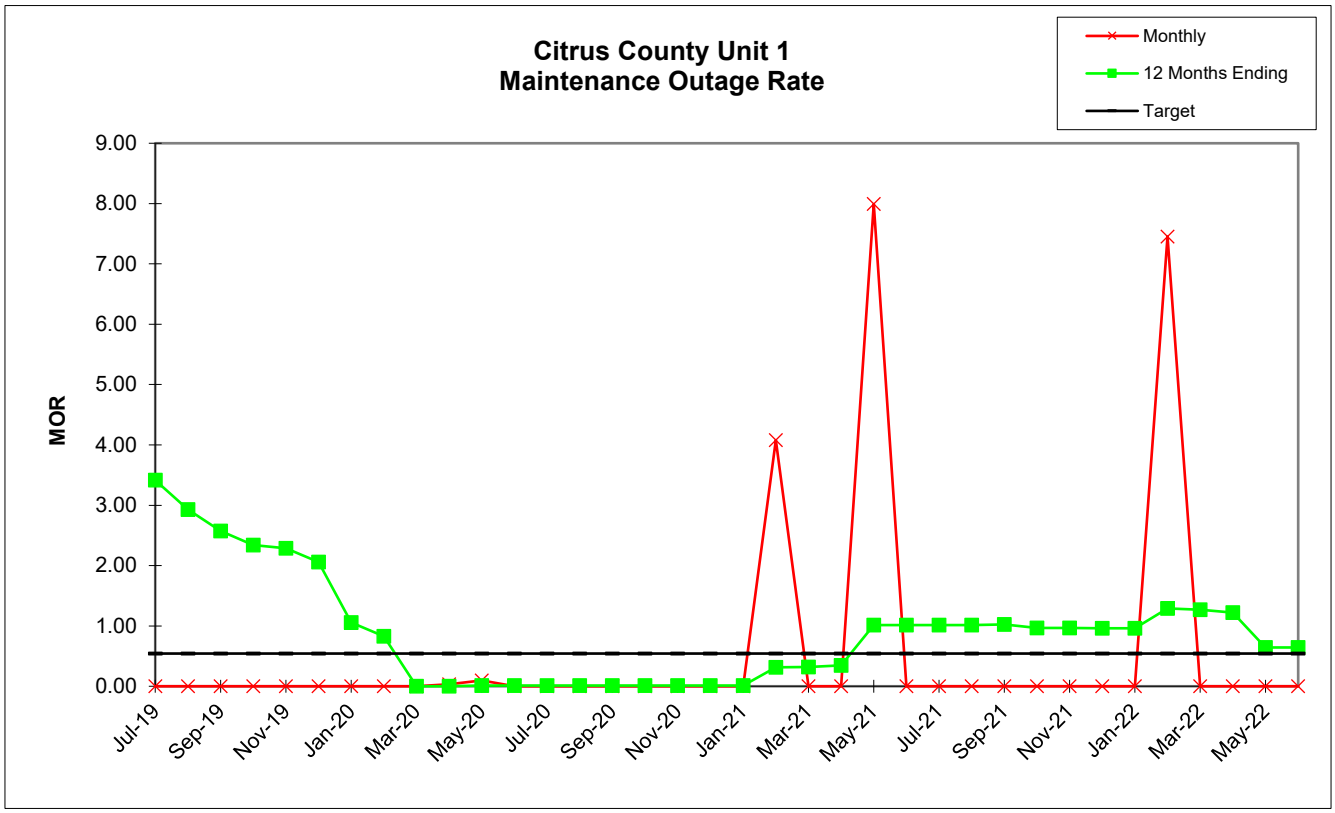
Citrus County
Unit 1

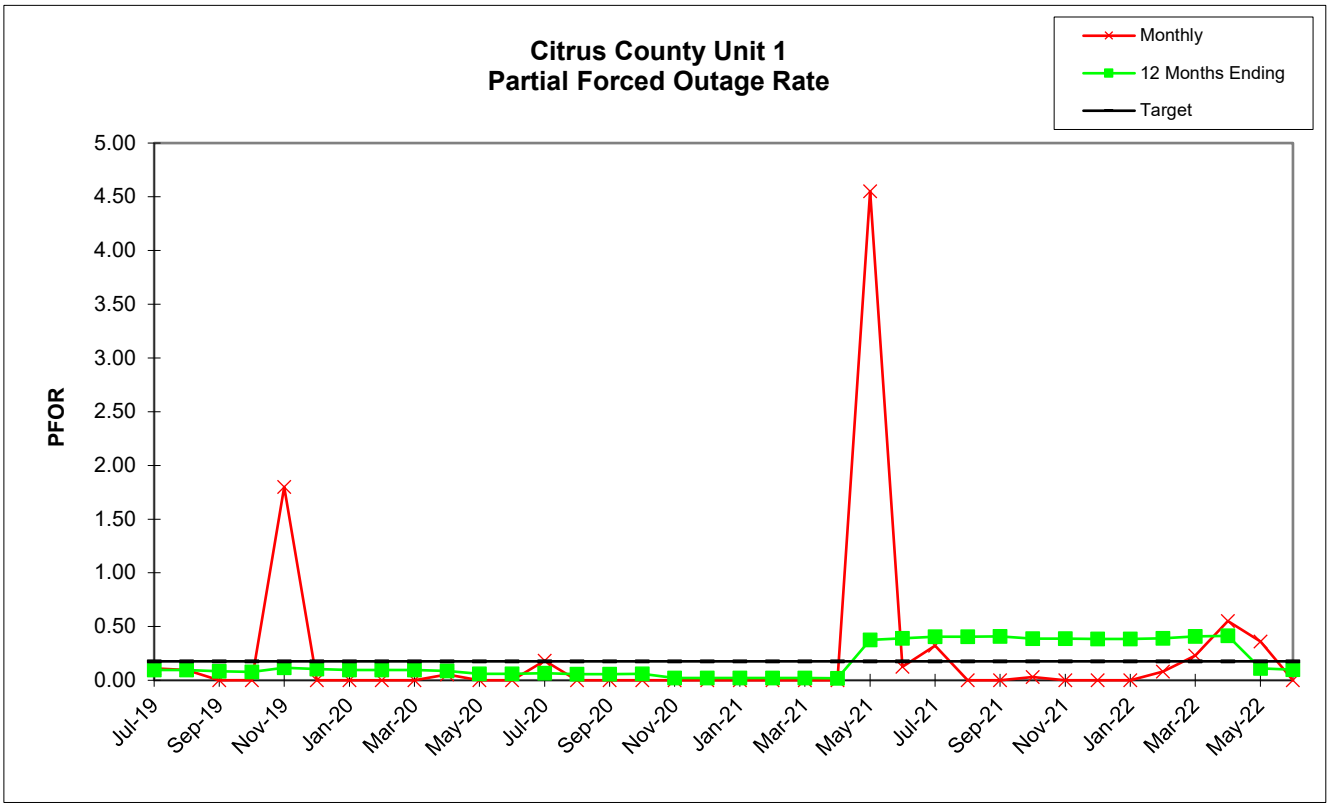
	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
PER HOURS	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720 00	744.00	720.00
SER HOURS	744.00	563.00	640.35	4.78	550.98	720.00	744.00	744.00	648.14	571.95	721.00	742.42	744.00	610.67	743.00	299 35	284.68	720.00
RSH	0.00	10.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1 58	0.00	0.00	0.00	0 00	0.00	0.00
UH	0.00	98.65	102.65	715.22	193.02	0.00	0.00	0.00	71.86	172.05	0.00	0.00	0.00	61.33	0.00	420.65	459.32	0.00
POH	0.00	0.00	102.65	715.22	17.19	0.00	0.00	0.00	0.00	165.56	0.00	0 00	0.00	0.00	0.00	411 53	459.32	0.00
FOH	0.00	74.72	0.00	0.00	127.97	0.00	0.00	0.00	71.86	6.49	0.00	0 00	0.00	12.14	0.00	9.12	0.00	0.00
MOH	0.00	23.93	0.00	0.00	47.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.19	0.00	0 00	0.00	0.00
PFOH	0.00	0.00	0.00	0.00	119.17	7.19	46.67	0.00	0.00	1.03	0.00	0.00	0.00	78.59	269.09	260.76	161.82	0.00
LRPF	0.00	0.00	0.00	0.00	198.00	119.23	48.33	0.00	0.00	153.48	0.00	0.00	0.00	5.87	5.87	5 87	5.87	0.00
EFOH	0.00	0.00	0.00	0.00	25.08	0.91	2.40	0.00	0.00	0.17	0.00	0 00	0.00	0.50	1.71	1.65	1.03	0.00
PMOH	0.00	27.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.11	0.00	0.00	0.00	0 00	0.00	0.00
LRPM	0.00	221.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	131 20	0.00	0.00	0.00	0 00	0.00	0.00
EMOH	0.00	6.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0 00	0.00	0.00
NPC	941.00	941.00	941.00	941.00	941.00	941.00	941.00	941.00	941.00	941.00	941.00	941 00	925.00	925.00	925.00	925 00	925.00	925.00

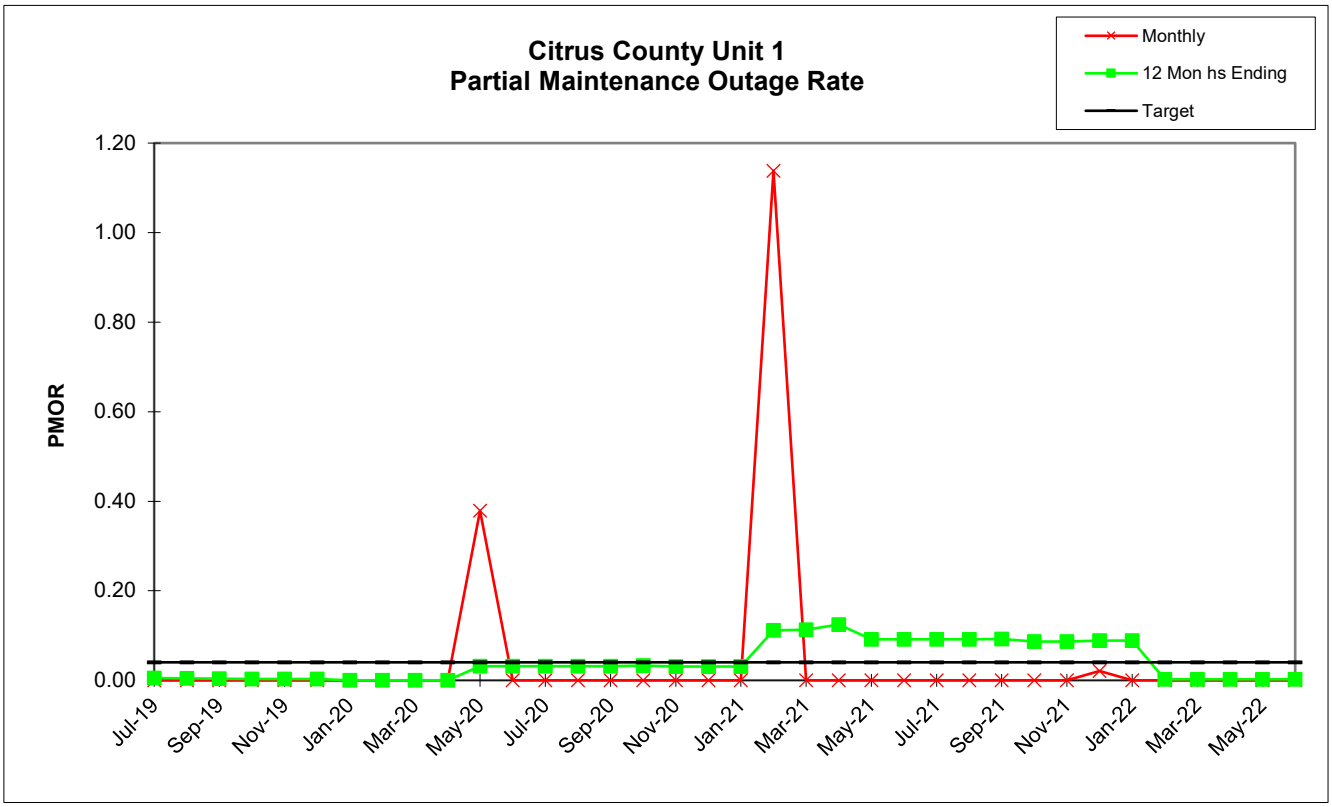
MONTHLY	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
FOR	0.00	11.72	0.00	0.00	18.85	0.00	0.00	0.00	9.98	1.12	0.00	0.00	0.00	1.95	0.00	2 96	0.00	0.00
MOR	0.00	4.08	0.00	0.00	7.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.46	0.00	0 00	0.00	0.00
PFOR	0.00	0.00	0.00	0.00	4.55	0.13	0.32	0.00	0.00	0.03	0.00	0.00	0.00	0.08	0.23	0 55	0.36	0.00
PMOR	0.00	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 02	0.00	0.00	0.00	0 00	0.00	0.00
EUOR	0.00	15.88	0.00	0.00	27.64	0.13	0.32	0.00	9.98	1.15	0.00	0 02	0.00	9.20	0.23	3.49	0.36	0.00
EUOF	0.00	15.63	0.00	0.00	27.00	0.13	0.32	0.00	9.98	0.89	0.00	0 02	0.00	9.20	0.23	1 50	0.14	0.00
POF	0.00	0.00	13.82	99.34	2.31	0.00	0.00	0.00	0.00	22.25	0.00	0.00	0.00	0.00	0.00	57.16	61.74	0.00
EAF	100.00	84.37	86.18	0.66	70.69	99.87	99.68	100.00	90.02	76.85	100.00	99.98	100.00	90.80	99.77	41 35	38.13	100.00

12 MONTHS	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
FOR	1.64	2.46	2.49	2.71	3.22	3.22	3.13	3.13	4.12	3.89	3.89	3.66	3.66	2.85	2.81	2 82	1.30	1.30
MOR	0.01	0.31	0.32	0.35	1.01	1.01	1.01	1.01	1.02	0.96	0.96	0 96	0.96	1.29	1.27	1 22	0.65	0.65
PFOR	0.02	0.02	0.02	0.02	0.38	0.39	0.40	0.40	0.41	0.39	0.39	0 39	0.39	0.39	0.41	0.41	0.11	0.10
PMOR	0.03	0.11	0.11	0.12	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0 09	0.09	0.00	0.00	0 00	0.00	0.00
EUOR	1.70	2.89	2.92	3.18	4.62	4.63	4.56	4.56	5.54	5.23	5.23	5 01	5.01	4.44	4.41	4 38	2.04	2.03
EUOF	1.55	2.68	2.68	2.65	3.86	3.87	3.80	3.80	4.63	4.62	4.62	4.43	4.43	3.94	3.95	4 08	1.80	1.79
POF	7.66	6.24	7.41	15.58	15.77	15.77	15.77	15.77	15.77	11.42	11.42	11.42	11.42	11.42	10.25	6.78	11.83	11.83
EAF	90.79	91.08	89.91	81.77	80.37	80.36	80.42	80.42	79.60	83.95	83.95	84.15	84.15	84.64	85.79	89.14	86.37	86.38


Citrus County Unit 1
Forced Outage Rate
Monthly
12 Months Ending
Target
FOR
20.00
18.00
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
Mar-21
May-21
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22


Citrus County Unit 1
Maintenance Outage Rate
Monthly
12 Months Ending
Target
MOR
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
Mar-21
May-21
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22


Citrus County Unit 1
Partial Forced Outage Rate
Monthly
12 Months Ending
Target
PFOR
5.00
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
Mar-21
May-21
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22


Citrus County Unit 1
Partial Maintenance Outage Rate
Monthly
12 Mon hs Ending
Target
PMOR
1.20
1.00
0.80
0.60
0.40
0.20
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
Mar-21
May-21
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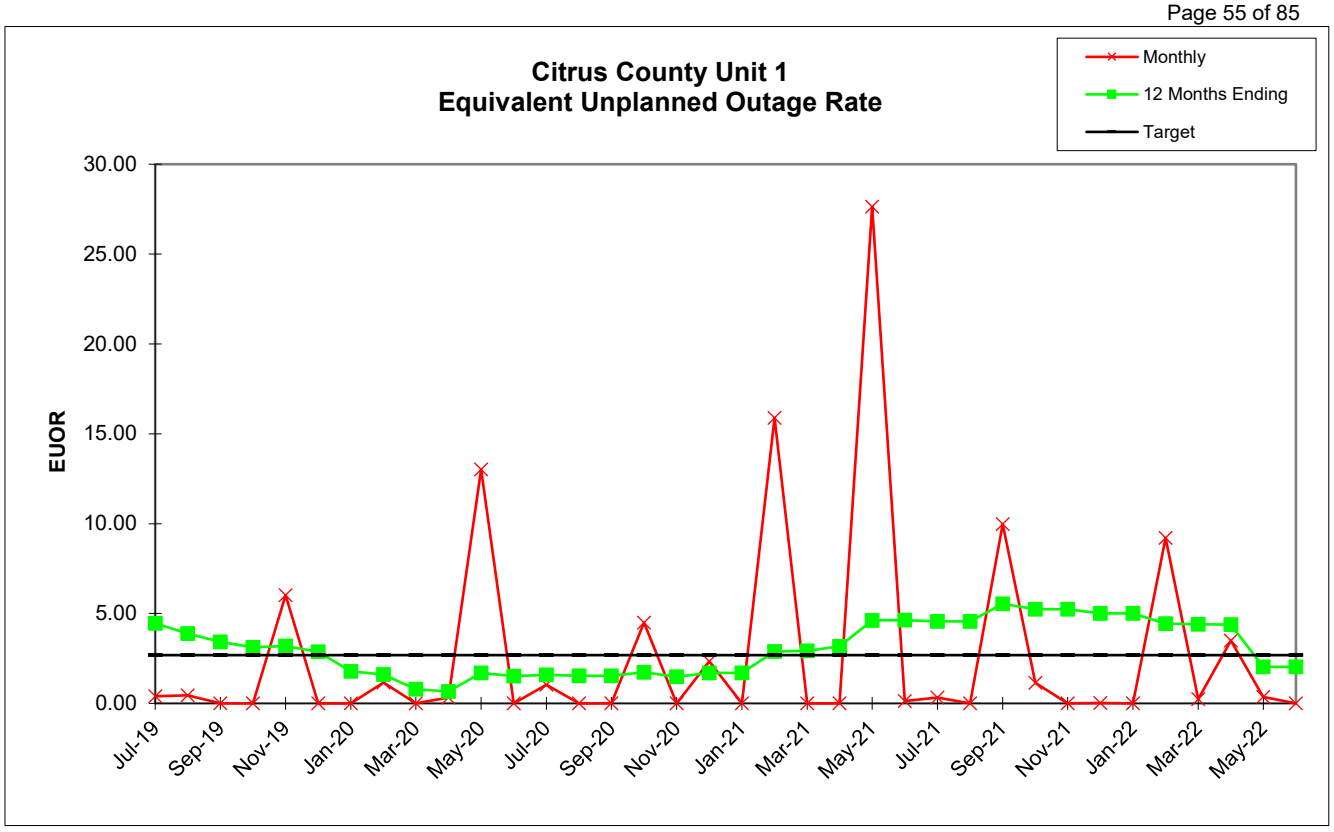
Jan-22
Mar-22
May-22


Citrus County Unit 1
Equivalent Unplanned Outage Rate
Monthly
12 Months Ending
Target
EUOR
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
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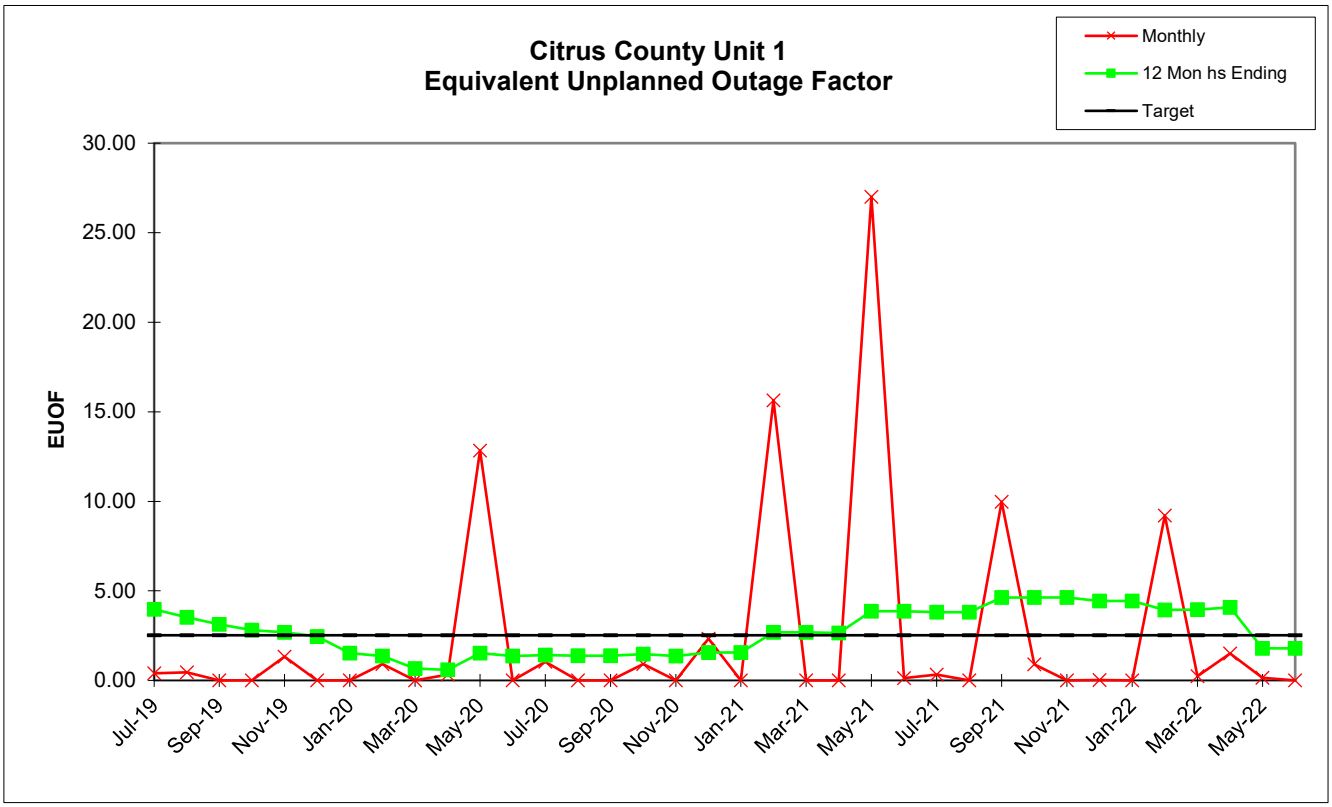
Jan-22
Mar-22
May-22


Citrus County Unit 1
Equivalent Unplanned Outage Factor
Monthly
12 Mon hs Ending
Target
EUOF
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
Mar-21
May-21
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22

Citrus County
Unit 2

	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	696.00	743.00	720.00	744.00	720 00	744.00	744.00	720.00	744 00	721.00	744.00
SER HOURS	676.88	626.83	704.67	741.03	141.73	744.00	744.00	614.53	738.15	712.95	702.98	720 00	744.00	744.00	668.38	598.10	380.98	720.56
RSH	0.00	0.00	9.75	1.74	0.00	0.00	0.00	7.62	0.00	7.05	7.33	0 00	0.00	0.00	5.34	0 00	0.00	18.75
UH	67.12	117.17	5.58	1.23	579.27	0.00	0.00	73.85	4.85	0.00	33.68	0 00	0.00	0.00	46.28	145 90	340.02	4.70
POH	0.00	0.00	0.00	0.00	579.27	0.00	0.00	59.08	4.85	0.00	0.00	0 00	0.00	0.00	0.00	142 35	338.02	0.00
FOH	67.12	0.00	5.18	1.23	0.00	0.00	0.00	14.77	0.00	0.00	33.68	0 00	0.00	0.00	46.28	3 54	2.00	0.00
MOH	0.00	117.17	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	4.70
PFOH	68.59	0.00	0.00	1.37	0.00	0.00	0.00	0.00	0.00	0.00	1.32	0.00	0.00	0.00	0.00	0.62	0.00	0.00
LRPF	219.48	0.00	0.00	223.16	0.00	0.00	0.00	0.00	0.00	0.00	184.59	0.00	0.00	0.00	0.00	123 52	0.00	0.00
EFOH	16.17	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0 00	0.00	0.00	0.00	0 08	0.00	0.00
PMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	5.44
LRPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	342.00
EMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	1.97
NPC	931.00	931.00	931.00	931.00	931.00	931.00	943.00	943.00	943.00	943.00	943.00	943.00	943.00	943.00	943.00	943 00	943.00	943.00

MONTHLY	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
FOR	9.02	0.00	0.73	0.17	0.00	0.00	0.00	2.35	0.00	0.00	4.57	0.00	0.00	0.00	6.48	0 59	0.52	0.00
MOR	0.00	15.75	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.65
PFOR	2.39	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0 00	0.00	0.00	0.00	0 01	0.00	0.00
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.27
EUOR	11.19	15.75	0.79	0.21	0.00	0.00	0.00	2.35	0.00	0.00	4.61	0 00	0.00	0.00	6.48	0.60	0.52	0.92
EUOF	11.19	15.75	0.77	0.21	0.00	0.00	0.00	2.12	0.00	0.00	4.56	0.00	0.00	0.00	6.43	0.49	0.28	0.90
POF	0.00	0.00	0.00	0.00	80.34	0.00	0.00	8.49	0.65	0.00	0.00	0.00	0.00	0.00	0.00	19.13	46.88	0.00
EAF	88.81	84.25	99.23	99.79	19.66	100.00	100.00	89.39	99.35	100.00	95.44	100.00	100.00	100.00	93.57	80 38	52.84	99.10

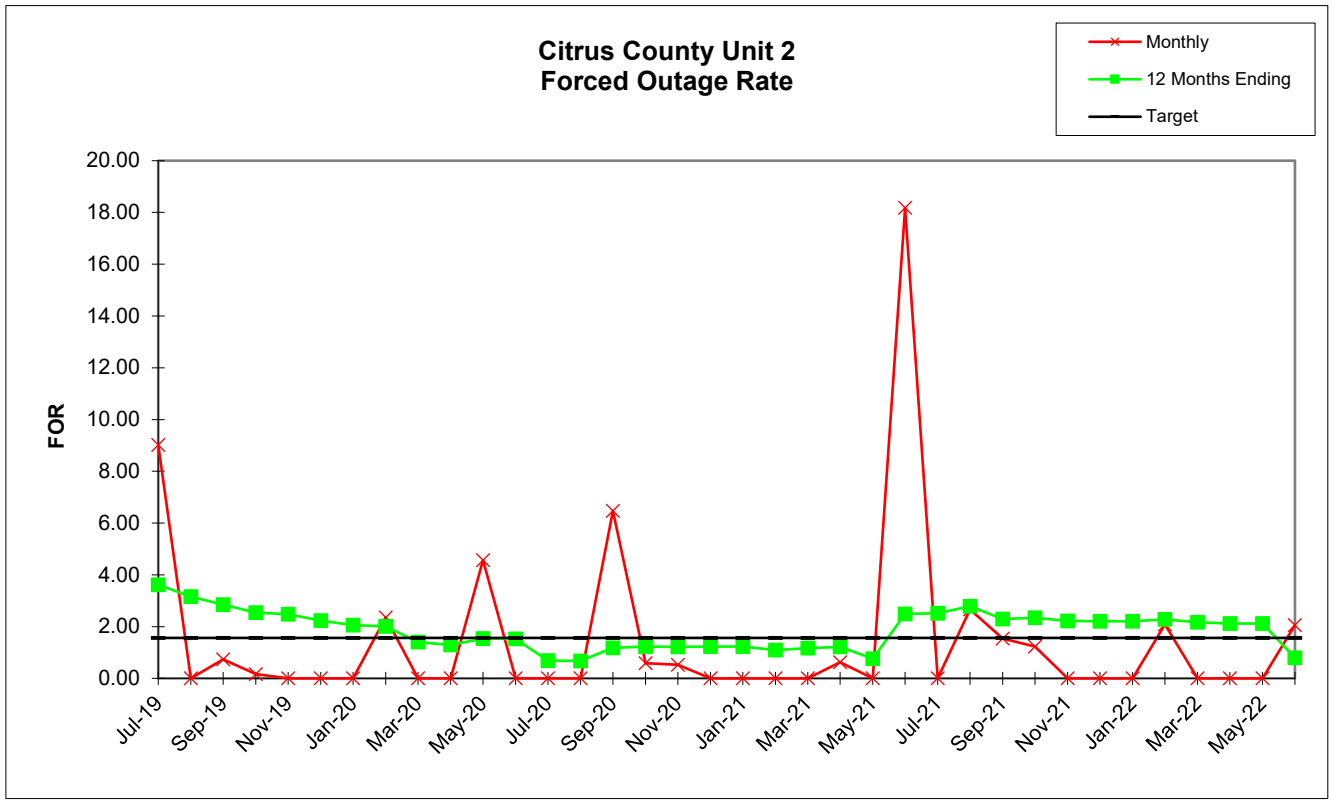
12 MONTHS	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
FOR	3.62	3.16	2.85	2.54	2.48	2.23	2.05	2.01	1.40	1.29	1.54	1 53	0.69	0.68	1.18	1 23	1.22	1.22
MOR	1.52	3.66	3.21	2.84	2.78	2.49	2.42	1.87	1.55	1.55	1.47	1.47	1.46	0.00	0.00	0 00	0.00	0.06
PFOR	0.42	0.36	0.31	0.28	0.28	0.25	0.23	0.22	0.22	0.22	0.21	0 21	0.01	0.01	0.01	0 00	0.00	0.00
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.02
EUOR	5.43	6.93	6.18	5.50	5.39	4.85	4.60	4.02	3.13	3.02	3.18	3.16	2.13	0.69	1.19	1 24	1.23	1.31
EUOF	4.65	6.07	5.48	4.95	4.50	4.12	4.01	3.51	2.73	2.63	2.93	2.92	1.97	0.64	1.10	1.12	1.15	1.22
POF	12.82	11.18	9.95	8.94	15.36	14.06	11.73	12.37	12.42	12.42	7.32	7 32	7.32	7.32	7.32	8 94	6.20	6.20
EAF	82.53	82.75	84.56	86.12	80.14	81.83	84.26	84.12	84.85	84.94	89.75	89.76	90.71	92.04	91.58	89 93	92.66	92.58

Citrus County
Unit 2

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
PER HOURS	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720 00	744.00	720.00
SER HOURS	744.00	306.69	232.38	715.55	742.86	569.43	680.90	724.17	708.90	646.31	721.00	744 00	744.00	635.00	637.79	720 00	744.00	705.21
RSH	0.00	9.15	0.00	0.00	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.00
UH	0.00	356.16	510.62	4.45	0.00	150.57	63.10	19.83	11.10	97.69	0.00	0 00	0.00	37.00	105.21	0 00	0.00	14.79
POH	0.00	356.16	510.62	0.00	0.00	0.00	0.00	0.00	0.00	89.66	0.00	0 00	0.00	23.49	91.34	0 00	0.00	0.00
FOH	0.00	0.00	0.00	4.45	0.00	126.50	0.00	19.83	11.10	8.02	0.00	0 00	0.00	13.52	0.00	0 00	0.00	14.79
MOH	0.00	0.00	0.00	0.00	0.00	24.07	63.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.86	0 00	0.00	0.00
PFOH	0.00	0.00	0.00	5.08	0.00	140.33	46.67	3.58	12.62	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00
LRPF	0.00	0.00	0.00	184.92	0.00	147.46	59.65	185.03	149.91	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.00
EFOH	0.00	0.00	0.00	1.00	0.00	21.94	2.95	0.70	2.01	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.00
PMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	78.12	260.41	269.09	260.41
LRPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	12.27	12 27	12.27	12.27
EMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	1.03	3.44	3.56	3.44
NPC	943.00	943.00	943.00	943.00	943.00	943.00	943.00	943.00	943.00	943.00	943.00	943 00	929.00	929.00	929.00	929 00	929.00	929.00

MONTHLY	**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Oct-21**	**Nov-21**	**Dec-21**	**Jan-22**	**Feb-22**	**Mar-22**	**Apr-22**	**May-22**	**Jun-22**
FOR	0.00	0.00	0.00	0.62	0.00	18.18	0.00	2.67	1.54	1.23	0.00	0.00	0.00	2.08	0.00	0 00	0.00	2.05
MOR	0.00	0.00	0.00	0.00	0.00	4.06	8.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.13	0 00	0.00	0.00
PFOR	0.00	0.00	0.00	0.14	0.00	3.85	0.43	0.10	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.16	0.48	0.48	0.49
EUOR	0.00	0.00	0.00	0.76	0.00	23.96	8.88	2.76	1.82	1.23	0.00	0 00	0.00	2.08	2.29	0.48	0.48	2.53
EUOF	0.00	0.00	0.00	0.76	0.00	23.96	8.88	2.76	1.82	1.08	0.00	0 00	0.00	2.01	2.00	0.48	0.48	2.53
POF	0.00	53.00	68.72	0.00	0.00	0.00	0.00	0.00	0.00	12.05	0.00	0.00	0.00	3.50	12.29	0 00	0.00	0.00
EAF	100.00	47.00	31.28	99.24	100.00	76.04	91.12	97.24	98.18	86.87	100.00	100.00	100.00	94.49	85.70	99 52	99.52	97.47

12 MONTHS	**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Oct-21**	**Nov-21**	**Dec-21**	**Jan-22**	**Feb-22**	**Mar-22**	**Apr-22**	**May-22**	**Jun-22**
FOR	1.22	1.09	1.16	1.22	0.76	2.49	2.51	2.78	2.30	2.34	2.21	2 20	2.20	2.28	2.17	2.12	2.12	0.79
MOR	0.06	0.06	0.06	0.06	0.06	0.40	1.28	1.28	1.27	1.26	1.21	1.14	1.14	1.10	1.21	1 21	1.21	0.91
PFOR	0.00	0.00	0.00	0.02	0.01	0.32	0.37	0.38	0.40	0.40	0.38	0 38	0.38	0.36	0.35	0 33	0.33	0.07
PMOR	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0 00	0.00	0.00	0.01	0 05	0.10	0.14
EUOR	1.31	1.18	1.26	1.33	0.87	3.21	4.10	4.38	3.93	3.96	3.76	3.67	3.67	3.68	3.67	3.65	3.69	1.89
EUOF	1.22	1.06	1.06	1.12	0.73	2.70	3.45	3.69	3.31	3.36	3.34	3.26	3.26	3.42	3.59	3 56	3.60	1.84
POF	6.20	9.60	15.38	15.38	15.38	15.38	15.38	15.38	15.38	14.78	10.92	10.92	10.92	7.12	2.33	2 33	2.33	2.33
EAF	92.58	89.34	83.57	83.50	83.89	81.92	81.17	80.93	81.31	81.86	85.74	85.82	85.82	89.46	94.08	94.10	94.06	95.82


Citrus County Unit 2
Forced Outage Rate
Monthly
12 Months Ending
Target
FOR
20.00
18.00
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
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Jan-21
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Jul-21
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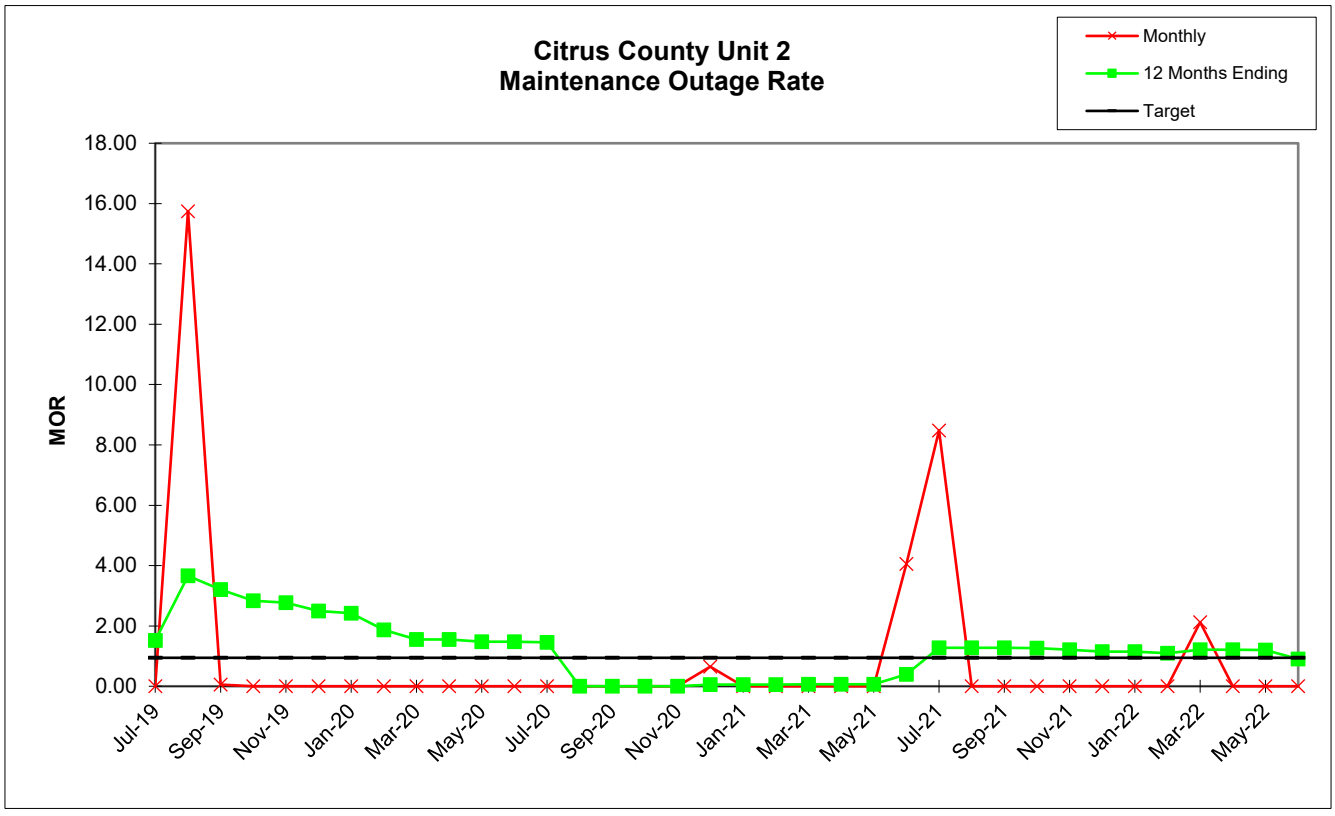
Jan-22
Mar-22
May-22


Citrus County Unit 2
Maintenance Outage Rate
Monthly
12 Months Ending
Target
MOR
18.00
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
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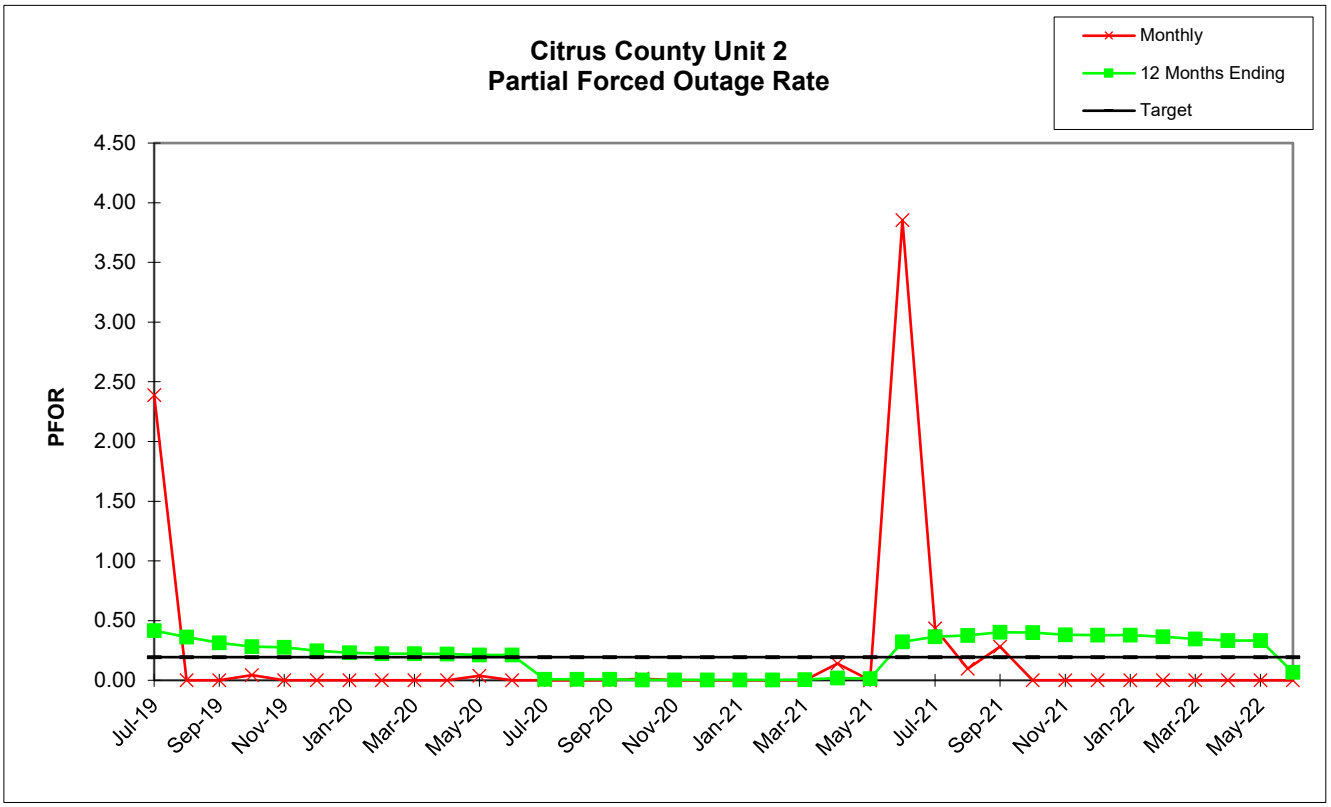
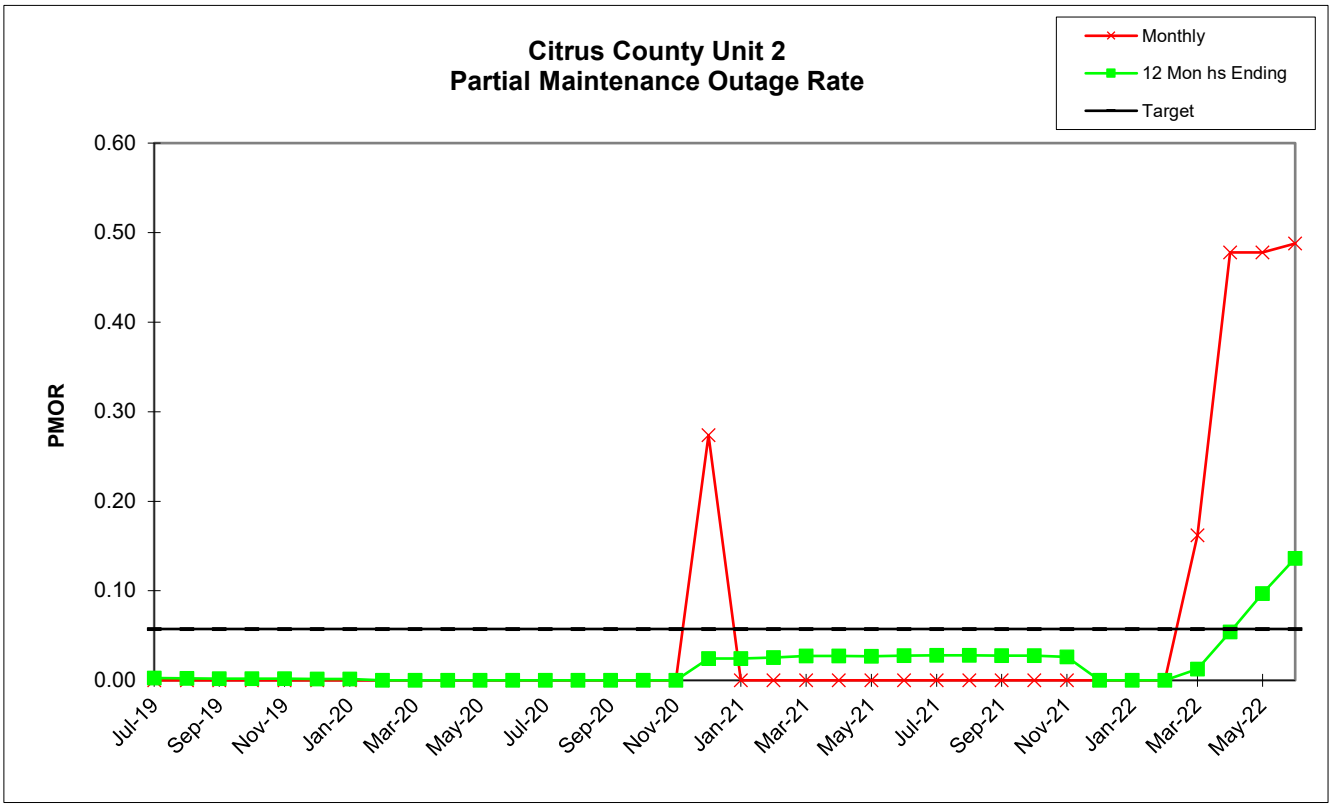
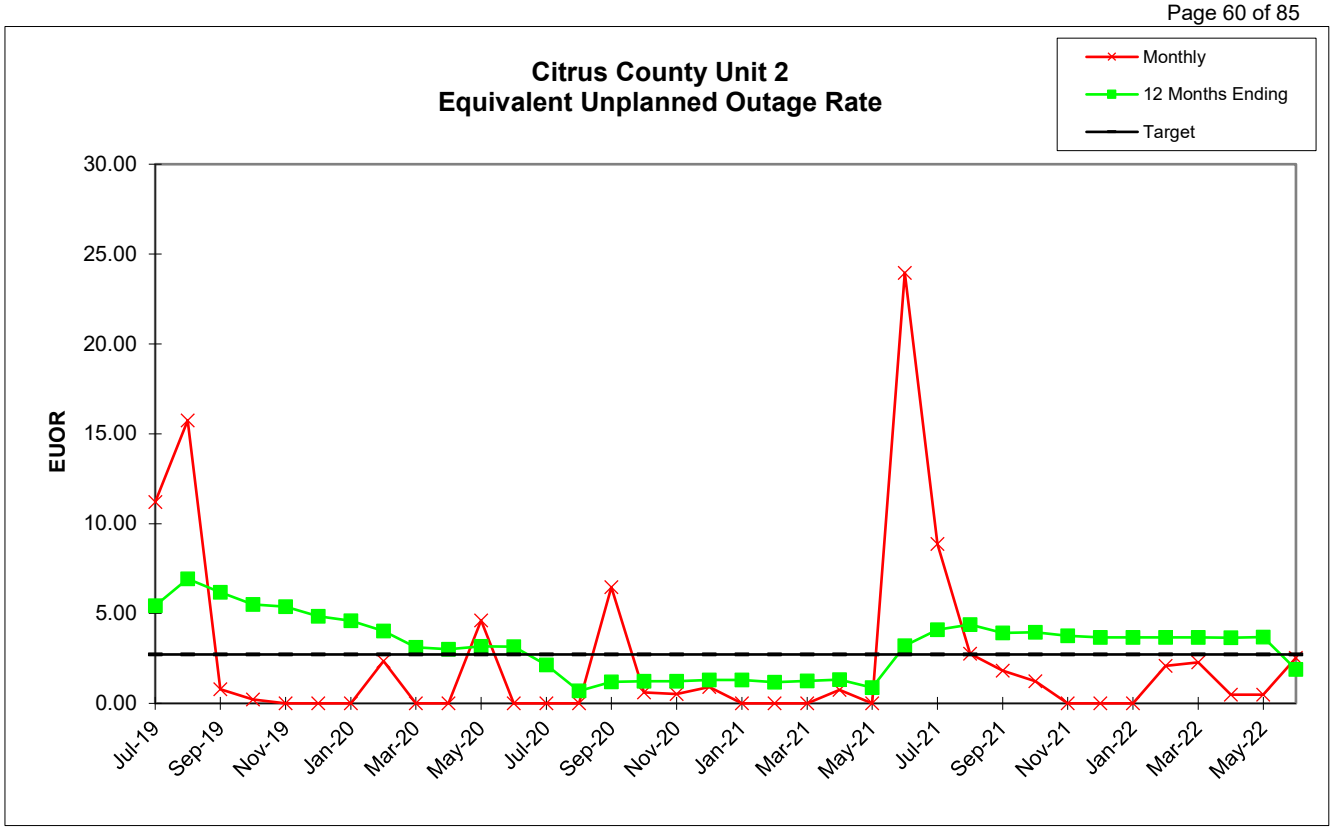
Jan-22
Mar-22
May-22


Citrus County Unit 2
Partial Forced Outage Rate
Monthly
12 Months Ending
Target
PFOR
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
Mar-21
May-21
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22


Citrus County Unit 2
Partial Maintenance Outage Rate
Monthly
12 Mon hs Ending
Target
PMOR
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
Mar-21
May-21
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22


Citrus County Unit 2
Equivalent Unplanned Outage Rate
Monthly
12 Months Ending
Target
EUOR
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
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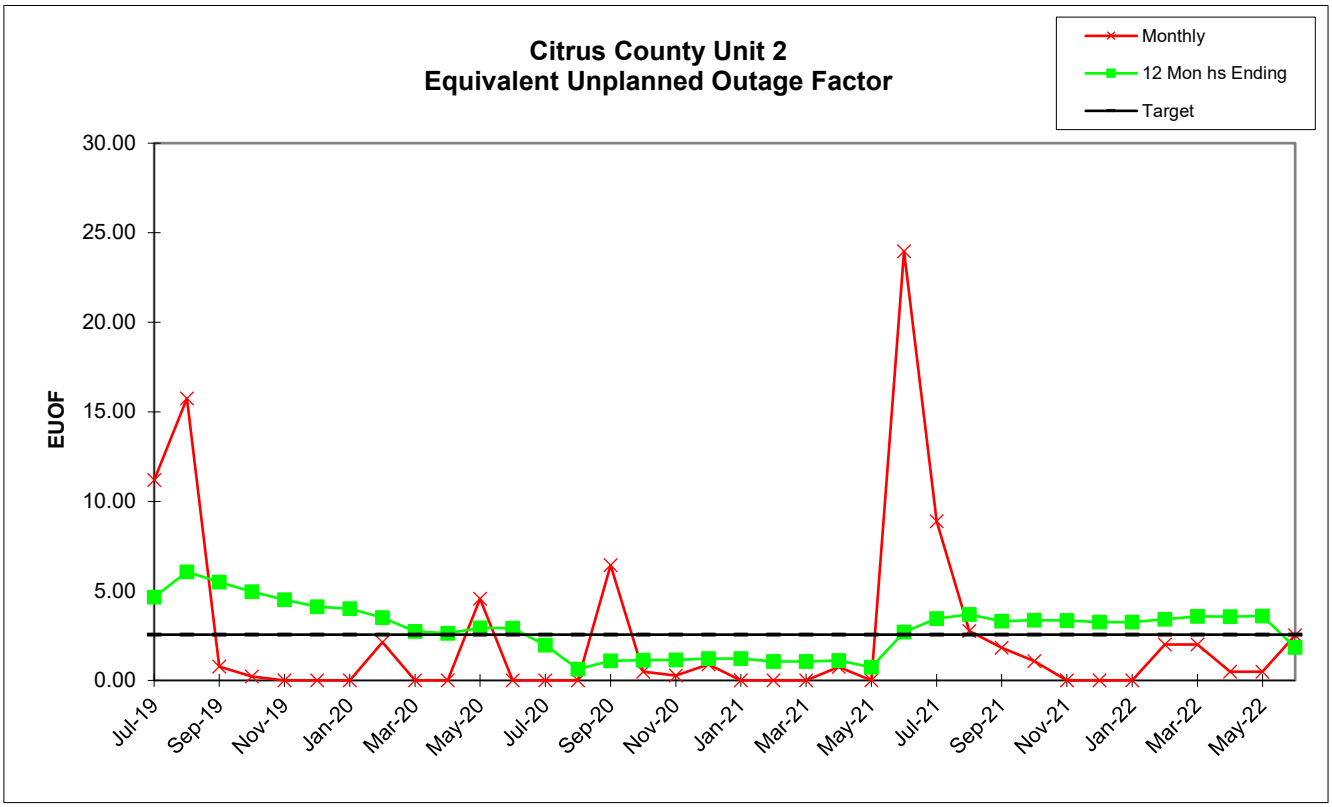
Jan-22
Mar-22
May-22


Citrus County Unit 2
Equivalent Unplanned Outage Factor
Monthly
12 Mon hs Ending
Target
EUOF
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
Mar-21
May-21
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22

Crystal River
Unit 4

	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	696.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744 00	721.00	744.00
SER HOURS	742.15	263.35	545.87	606.38	627.60	0.00	0.00	0.00	0.00	0.00	404.67	196.20	647.63	744.00	716.50	721.77	0.00	23.06
RSH	0.00	169.83	79.07	0.00	69.42	264.00	744.00	336.00	0.00	0.00	50.90	450.40	0.00	0.00	0.00	0 00	0.00	0.00
UH	1.85	310.82	95.07	137.62	23.98	480.00	0.00	360.00	743.00	720.00	288.43	73.40	96.37	0.00	3.50	22 23	721.00	720.94
POH	0.00	0.00	0.00	0.00	23.98	480.00	0.00	360.00	743.00	720.00	197.58	0.00	0.00	0.00	0.00	22 23	721.00	383.27
FOH	0.00	310.82	95.07	137.62	0.00	0.00	0.00	0.00	0.00	0.00	14.08	8.40	96.37	0.00	3.50	0 00	0.00	337.67
MOH	1.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.77	65.00	0.00	0.00	0.00	0 00	0.00	0.00
PFOH	71.48	17.58	525.63	9.70	38.80	0.00	0.00	0.00	0.00	0.00	42.02	28.62	10.63	95.62	47.68	0 00	0.00	0.00
LRPF	115.21	171.04	149.10	231.94	231.13	0.00	0.00	0.00	0.00	0.00	56.18	223.83	127.93	272.31	166.80	0 00	0.00	0.00
EFOH	11.57	4.22	110.07	3.16	12.60	0.00	0.00	0.00	0.00	0.00	3.32	9.00	1.91	36.57	11.17	0 00	0.00	0.00
PMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	5.00	0.00	15.75	0.00	0.00
LRPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	91.14	92.56	0.00	110.76	0.00	0.00
EMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.32	0.65	0.00	2.45	0.00	0.00
NPC	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712 00	712.00	712.00

MONTHLY	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
FOR	0.00	54.13	14.83	18.50	0.00	0.00	0.00	0.00	0.00	0.00	3.36	4.11	12.95	0.00	0.49	0 00	0.00	93.61
MOR	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.95	24.89	0.00	0.00	0.00	0 00	0.00	0.00
PFOR	1.56	1.60	20.17	0.52	2.01	0.00	0.00	0.00	0.00	0.00	0.82	4 59	0.29	4.92	1.56	0 00	0.00	0.00
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.05	0.09	0.00	0 34	0.00	0.00
EUOR	1.80	54.87	32.01	18.92	2.01	0.00	0.00	0.00	0.00	0.00	19.00	30 56	13.25	5.00	2.04	0 34	0.00	93.61
EUOF	1.80	42.34	28.49	18.92	1.75	0.00	0.00	0.00	0.00	0.00	12.66	11.44	13.25	5.00	2.04	0 33	0.00	45.39
POF	0.00	0.00	0.00	0.00	3.33	64.52	0.00	51.72	100.00	100.00	26.56	0.00	0.00	0.00	0.00	2 99	100.00	51.51
EAF	98.20	57.66	71.51	81.08	94.93	35.48	100.00	48.28	0.00	0.00	60.79	88.56	86.75	95.00	97.96	96.68	0.00	3.10

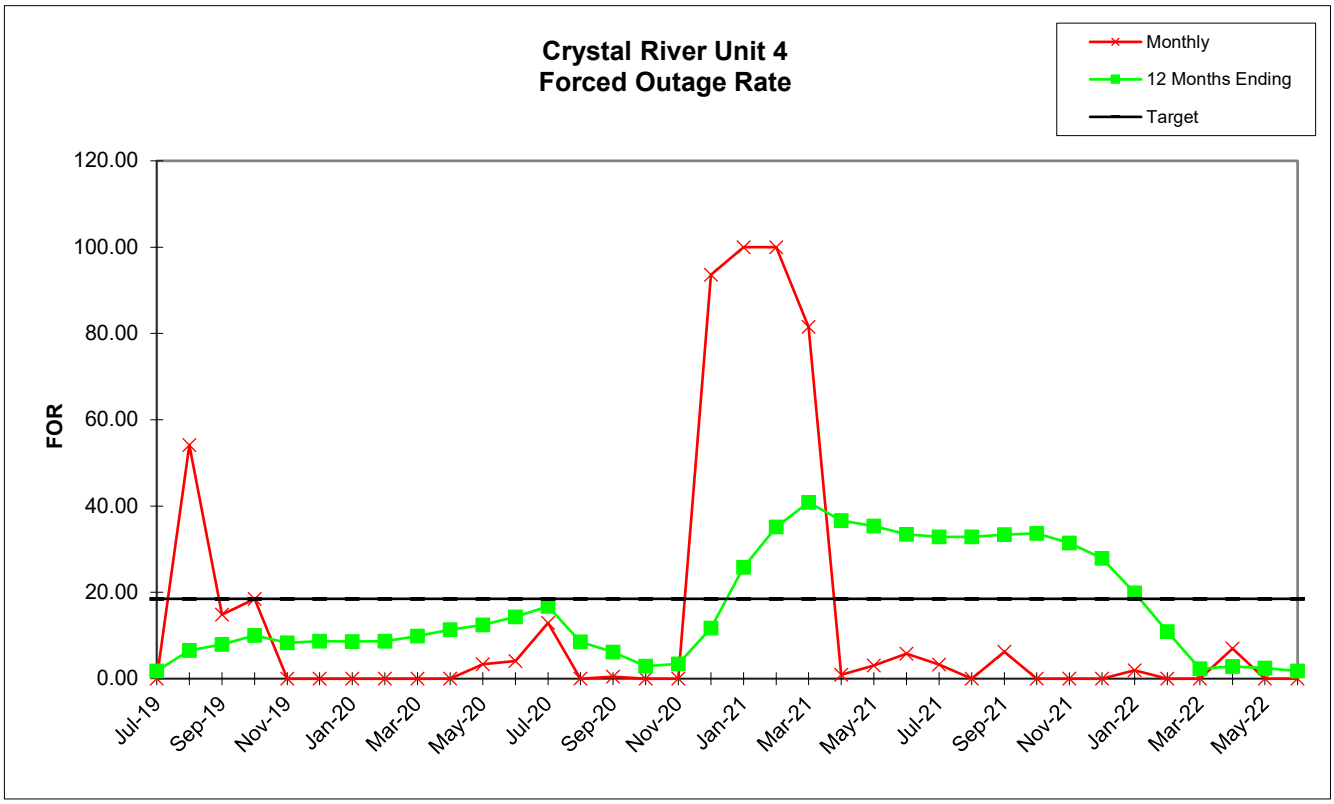
12 MONTHS	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
FOR	1.78	6.51	7.94	10.02	8.32	8.72	8.63	8.69	9.86	11.34	12.48	14 32	16.75	8.52	6.19	2 93	3.44	11.75
MOR	1.24	1.34	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	1.97	4 07	4.13	3.62	3.47	3 38	3.97	3.94
PFOR	0.58	0.68	2.31	2.41	2.46	2.53	2.62	2.66	3.05	3.56	3.95	4 55	4.38	4.68	1.97	1 84	1.81	1.79
PMOR	0.08	0.08	0.08	0.08	0.07	0.07	0.08	0.01	0.01	0.01	0.00	0.00	0.01	0.03	0.02	0 08	0.10	0.10
EUOR	3.62	8.39	10.16	12.28	10.66	11.12	11.13	11.15	12.65	14.54	17.39	21.08	23.16	15.73	11.06	7 91	8.92	16.45
EUOF	2.85	6.43	7.70	9.30	8.45	8.41	8.06	7.94	7.94	7.94	9.00	9.83	10.80	7.64	5.47	3 89	3.75	7.60
POF	1.88	1.88	1.88	1.88	0.45	5.75	5.75	9.84	18.29	26.49	28.74	28.74	28.74	28.74	28.74	28 99	36.93	35.83
EAF	95.27	91.69	90.42	88.82	91.10	85.84	86.19	82.22	73.76	65.57	62.26	61.43	60.46	63.62	65.79	67.11	59.32	56.58

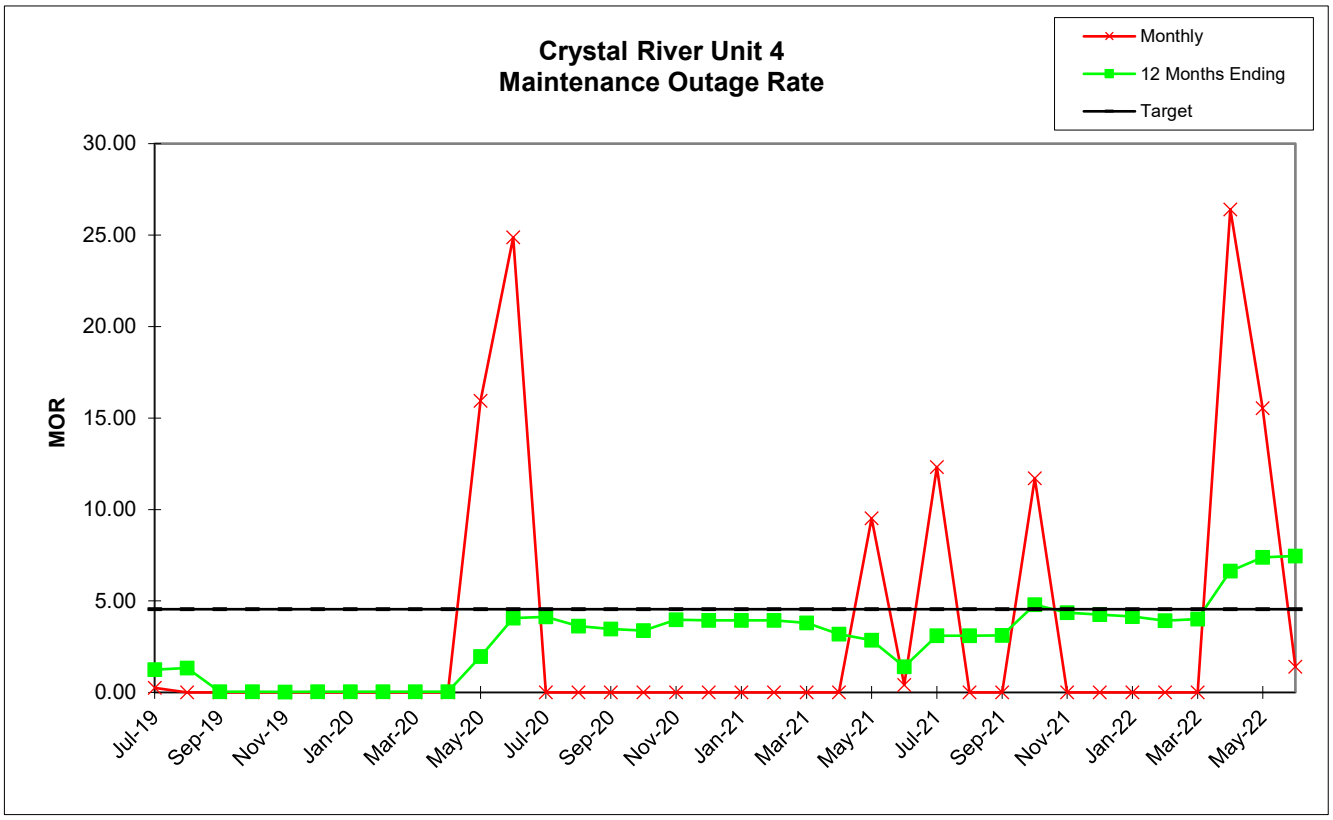
Crystal River
Unit 4

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
PER HOURS	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720 00	744.00	720.00
SER HOURS	0.00	0.00	137.61	713.30	654.48	675.62	633.27	744.00	674.88	656.93	530.88	158.82	134.15	350.53	0.00	427 50	628.37	709.93
RSH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	190.12	585.18	607.18	0.00	0.00	0 00	0.00	0.00
UH	744.00	672.00	605.39	6.70	89.52	44.38	110.73	0.00	45.12	87.07	0.00	0.00	2.67	321.47	743.00	292 50	115.63	10.07
POH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	321.47	743.00	106 88	0.00	0.00
FOH	744.00	672.00	605.39	6.70	20.70	41.60	21.70	0.00	45.12	0.00	0.00	0 00	2.67	0.00	0.00	32 22	0.00	0.00
MOH	0.00	0.00	0.00	0.00	68.82	2.78	89.03	0.00	0.00	87.07	0.00	0.00	0.00	0.00	0.00	153.40	115.63	10.07
PFOH	0.00	0.00	72.93	91.55	86.17	235.63	287.53	7.92	47.00	84.50	22.00	0.00	81.30	35.97	0.00	328 58	209.33	0.00
LRPF	0.00	0.00	353.71	182.84	129.39	305.13	331.56	92.99	122.45	95.22	437.00	0.00	138.01	284.00	0.00	32.78	228.95	0.00
EFOH	0.00	0.00	36.23	23.51	15.66	100.98	133.90	1.03	8.08	11.30	13.50	0.00	15.76	14.35	0.00	15.13	67.31	0.00
PMOH	0.00	0.00	0.00	12.58	0.00	37.60	0.00	0.00	0.00	0.00	50.00	0.00	0.00	191.53	0.00	0 00	16.00	4.50
LRPM	0.00	0.00	0.00	92.82	0.00	326.84	0.00	0.00	0.00	0.00	93.00	0.00	0.00	112.00	0.00	0 00	162.00	522.00
EMOH	0.00	0.00	0.00	1.64	0.00	17.26	0.00	0.00	0.00	0.00	6.53	0 00	0.00	30.13	0.00	0 00	3.64	3.30
NPC	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712 00	712.00	712.00	712.00	712 00	712.00	712.00

MONTHLY	**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Oct-21**	**Nov-21**	**Dec-21**	**Jan-22**	**Feb-22**	**Mar-22**	**Apr-22**	**May-22**	**Jun-22**
FOR	100.00	100.00	81.48	0.93	3.07	5.80	3.31	0.00	6.27	0.00	0.00	0.00	1.95	0.00	0.00	7 01	0.00	0.00
MOR	0.00	0.00	0.00	0.00	9.51	0.41	12.33	0.00	0.00	11.70	0.00	0.00	0.00	0.00	0.00	26.41	15.54	1.40
PFOR	0.00	0.00	26.33	3.30	2.39	14.95	21.14	0.14	1.20	1.72	2.54	0 00	11.75	4.09	0.00	3 54	10.71	0.00
PMOR	0.00	0.00	0.00	0.23	0.00	2.55	0.00	0.00	0.00	0.00	1.23	0 00	0.00	8.60	0.00	0 00	0.58	0.46
EUOR	100.00	100.00	86.36	4.42	14.14	22.59	32.88	0.14	7.39	13.22	3.77	0 00	13.47	12.69	0.00	32.74	25.08	1.86
EUOF	100.00	100.00	86.36	4.42	14.14	22.59	32.88	0.14	7.39	13.22	2.78	0 00	2.48	6.62	0.00	27.88	25.08	1.86
POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.84	100.00	14 84	0.00	0.00
EAF	0.00	0.00	13.64	95.58	85.86	77.41	67.12	99.86	92.61	86.78	97.22	100.00	97.52	45.54	0.00	57 27	74.92	98.14

12 MONTHS	**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Oct-21**	**Nov-21**	**Dec-21**	**Jan-22**	**Feb-22**	**Mar-22**	**Apr-22**	**May-22**	**Jun-22**
FOR	25.85	35.20	40.86	36.63	35.39	33.43	32.83	32.83	33.39	33.68	31.43	27 88	19.86	10.93	2.28	2 83	2.49	1.77
MOR	3.94	3.94	3.80	3.19	2.85	1.40	3.10	3.10	3.13	4.80	4.35	4 25	4.15	3.92	4.01	6.64	7.39	7.46
PFOR	1.79	1.79	2.73	2.83	2.94	4.49	7.13	6.42	6.42	6.73	6.32	6.17	6.30	6.17	5.70	5 84	6.79	4.96
PMOR	0.10	0.10	0.10	0.12	0.11	0.44	0.44	0.43	0.43	0.38	0.47	0.46	0.45	0.92	0.94	0 96	1.03	0.77
EUOR	29.40	38.07	43.84	39.75	38.53	37.31	39.22	38.75	39.25	40.39	38.02	34.75	27.77	20.15	12.35	15 29	16.60	14.19
EUOF	16.07	23.78	31.10	31.47	31.59	32.51	34.18	33.76	34.20	35.30	35.53	31.67	23.39	16.23	8.90	10 83	11.76	10.06
POF	35.83	31.82	23.33	15.12	12.86	12.86	12.86	12.86	12.86	12.61	4.38	0.00	0.00	3.67	12.15	13 37	13.37	13.37
EAF	48.11	44.40	45.56	53.42	55.55	54.63	52.96	53.38	52.94	52.10	60.10	68 33	76.61	80.10	78.95	75 80	74.87	76.57


Crystal River Unit 4
Forced Outage Rate
Monthly
12 Months Ending
Target
FOR
120.00
100.00
80.00
60.00
40.00
20.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
Mar-21
May-21
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22


Crystal River Unit 4
Maintenance Outage Rate
Monthly
12 Months Ending
Target
MOR
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
Mar-21
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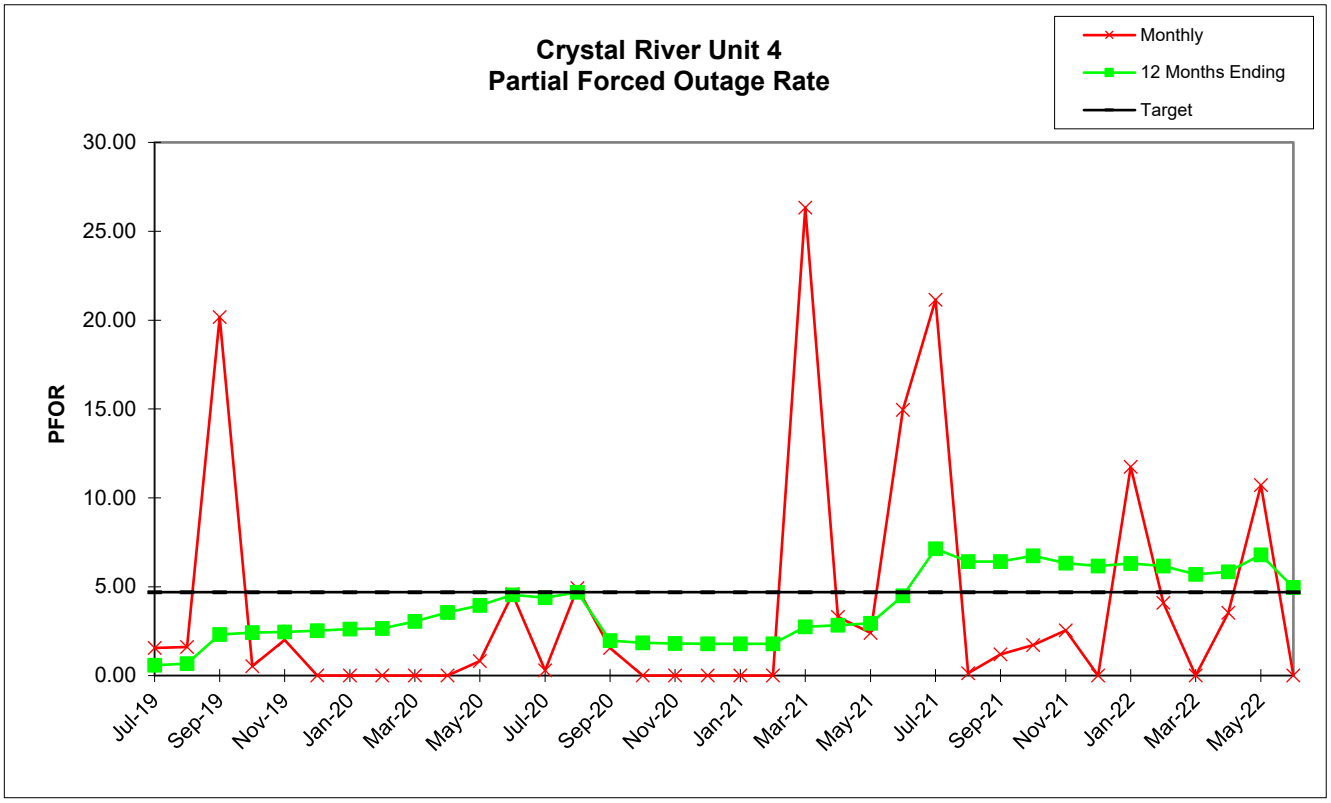
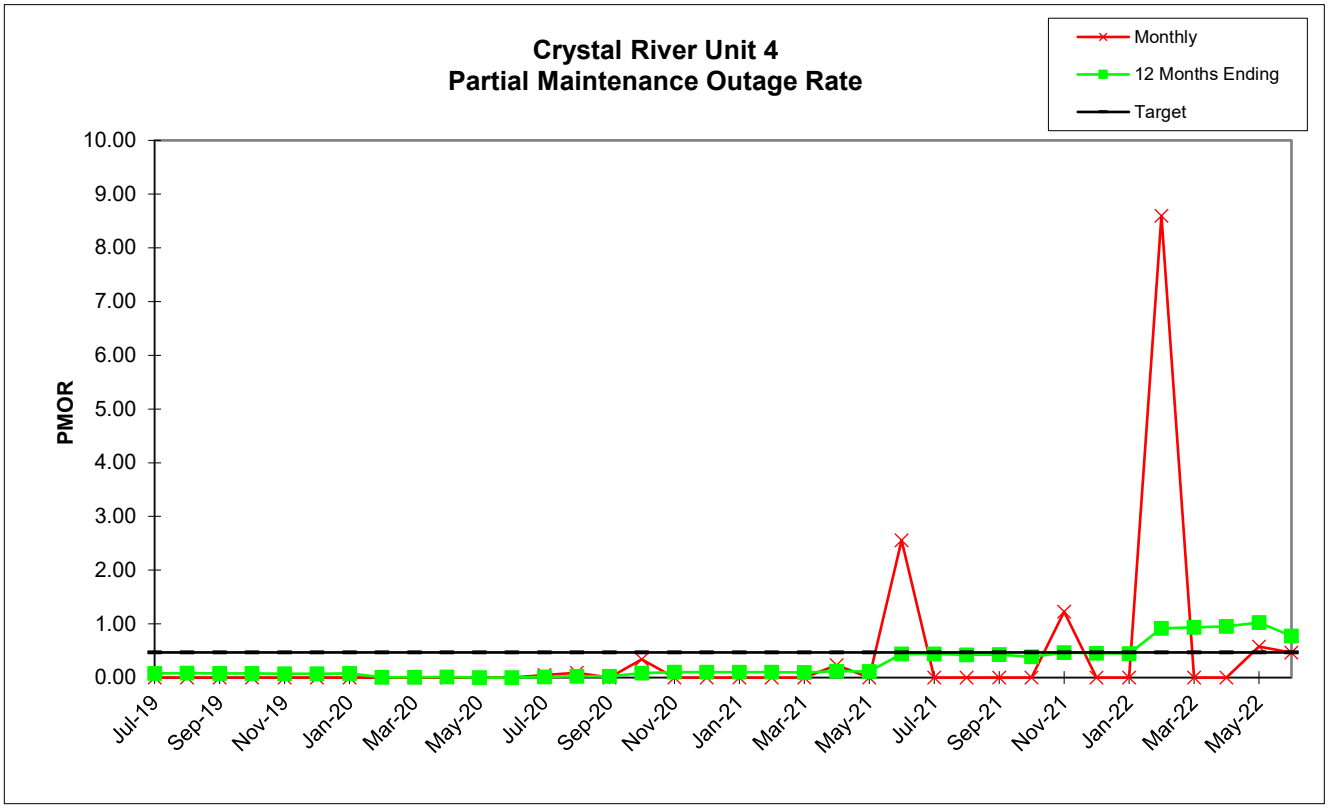
Nov-21
Jan-22
Mar-22
May-22


Crystal River Unit 4
Partial Forced Outage Rate
Monthly
12 Months Ending
Target
PFOR
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
Mar-21
May-21
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22


Crystal River Unit 4
Partial Maintenance Outage Rate
Monthly
12 Months Ending
Target
PMOR
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
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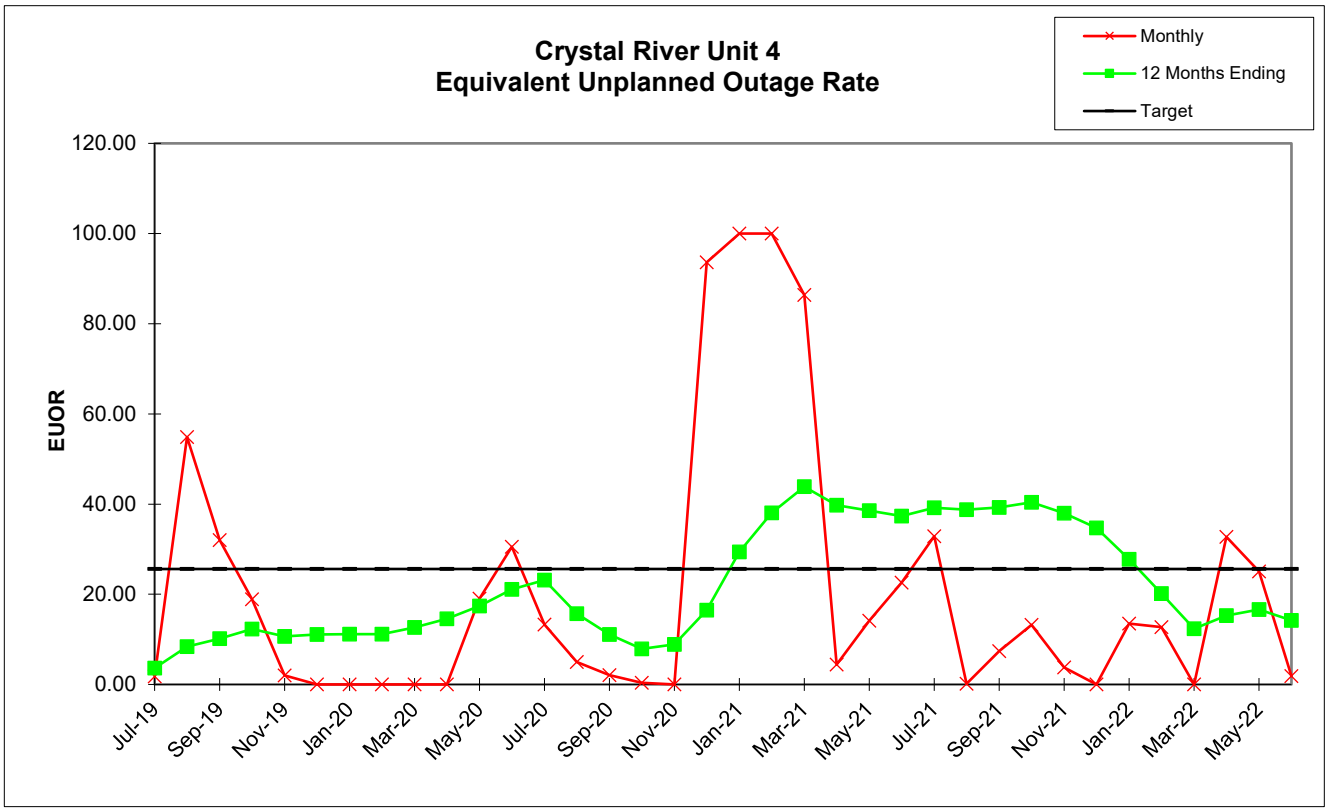
Jan-22
Mar-22
May-22


Crystal River Unit 4
Equivalent Unplanned Outage Rate
Monthly
12 Months Ending
Target
EUOR
120.00
100.00
80.00
60.00
40.00
20.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
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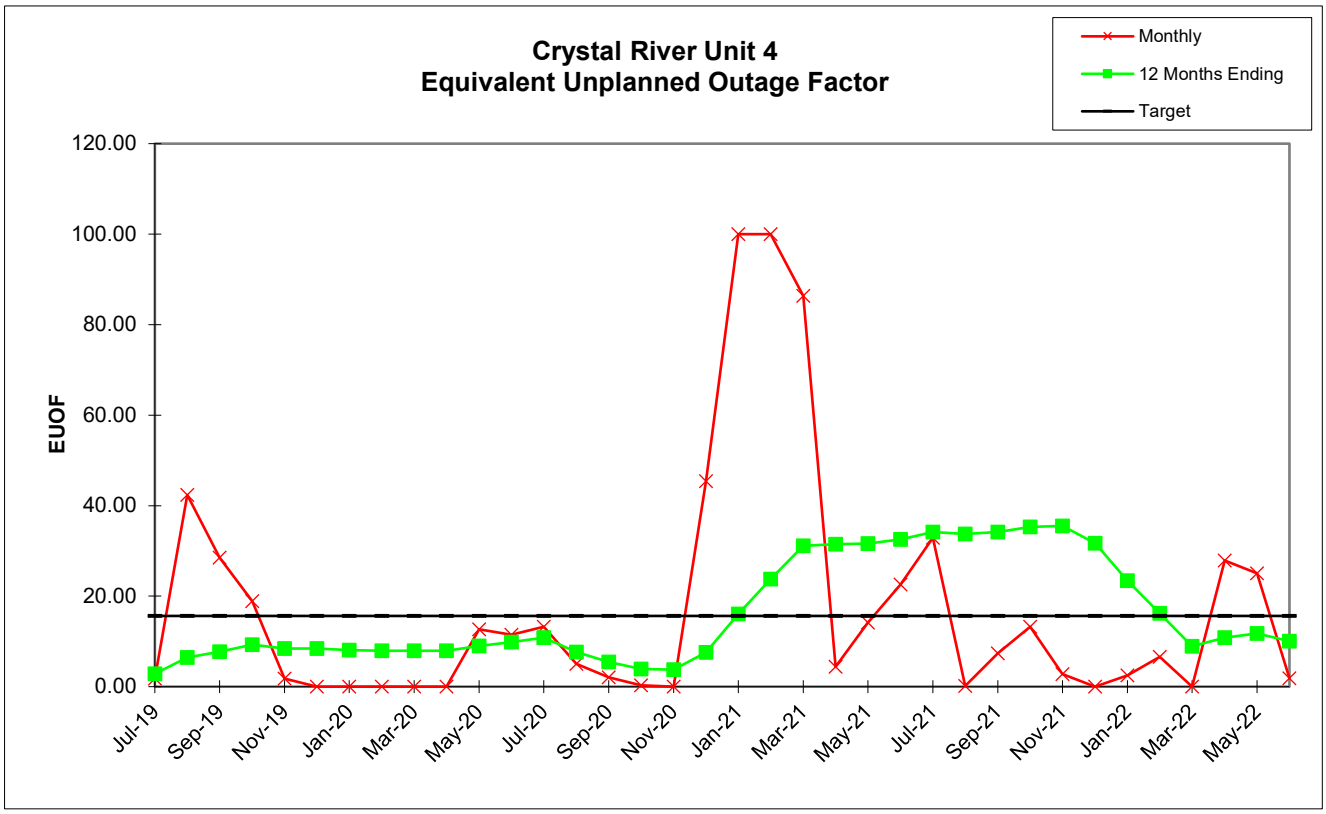
Jan-22
Mar-22
May-22


Crystal River Unit 4
Equivalent Unplanned Outage Factor
Monthly
12 Months Ending
Target
EUOF
120.00
100.00
80.00
60.00
40.00
20.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
Mar-21
May-21
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22

Hines
Unit 1

	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
PER HOURS	744 00	744.00	720.00	744.00	721 00	744.00	744.00	696.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00
SER HOURS	705 57	744.00	676.25	726.62	721 00	264.97	259.00	575.22	654.59	573.34	632.06	531.58	744.00	710.18	688.92	3.58	647.01	744.00
RSH	25 81	0.00	38.81	17.38	0.00	479.03	476.68	42.26	57.41	24.00	64.25	0.00	0.00	19.83	23.58	48.00	0.00	0.00
UH	12.61	0.00	4.94	0.00	0.00	0.00	8.32	78.52	31.00	122.66	47.68	188.42	0.00	13.98	7.50	692.42	73.99	0.00
POH	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	692.42	73.99	0 00
FOH	12.61	0.00	4.94	0.00	0.00	0.00	8.32	61.38	31.00	1.66	11.41	188.42	0.00	1.68	0.00	0.00	0.00	0 00
MOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.14	0.00	121.00	36.27	0.00	0.00	12.30	7.50	0.00	0.00	0 00
PFOH	12 33	0.00	0.00	0.00	4 03	0.00	0.00	16.58	5.00	2.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LRPF	8 00	0.00	0.00	0.00	74 52	0.00	0.00	77.00	49.54	82.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EFOH	0 20	0.00	0.00	0.00	0.61	0.00	0.00	2.61	0.51	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PMOH	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LRPM	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMOH	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPC	490 00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00

MONTHLY	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
FOR	1.76	0.00	0.73	0.00	0 00	0.00	3.11	9.64	4.52	0.29	1.77	26.17	0.00	0.24	0.00	0.00	0.00	0.00
MOR	0 00	0.00	0.00	0.00	0 00	0.00	0.00	2.89	0.00	17.43	5.43	0.00	0.00	1.70	1.08	0.00	0.00	0.00
PFOR	0 03	0.00	0.00	0.00	0.09	0.00	0.00	0.45	0.08	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PMOR	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EUOR	1.78	0.00	0.73	0.00	0.09	0.00	3.11	12.41	4.60	17.67	7.01	26.17	0.00	1.93	1.08	0.00	0.00	0.00
EUOF	1.72	0.00	0.69	0.00	0.09	0.00	1.12	11.66	4.24	17.08	6.41	26.17	0.00	1.88	1.04	0.00	0.00	0.00
POF	0 00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	93.07	10.26	0.00
EAF	98 28	100.00	99.31	100.00	99 91	100.00	98.88	88.34	95.76	82.92	93.59	73.83	100.00	98.12	98.96	6.93	89.74	100.00

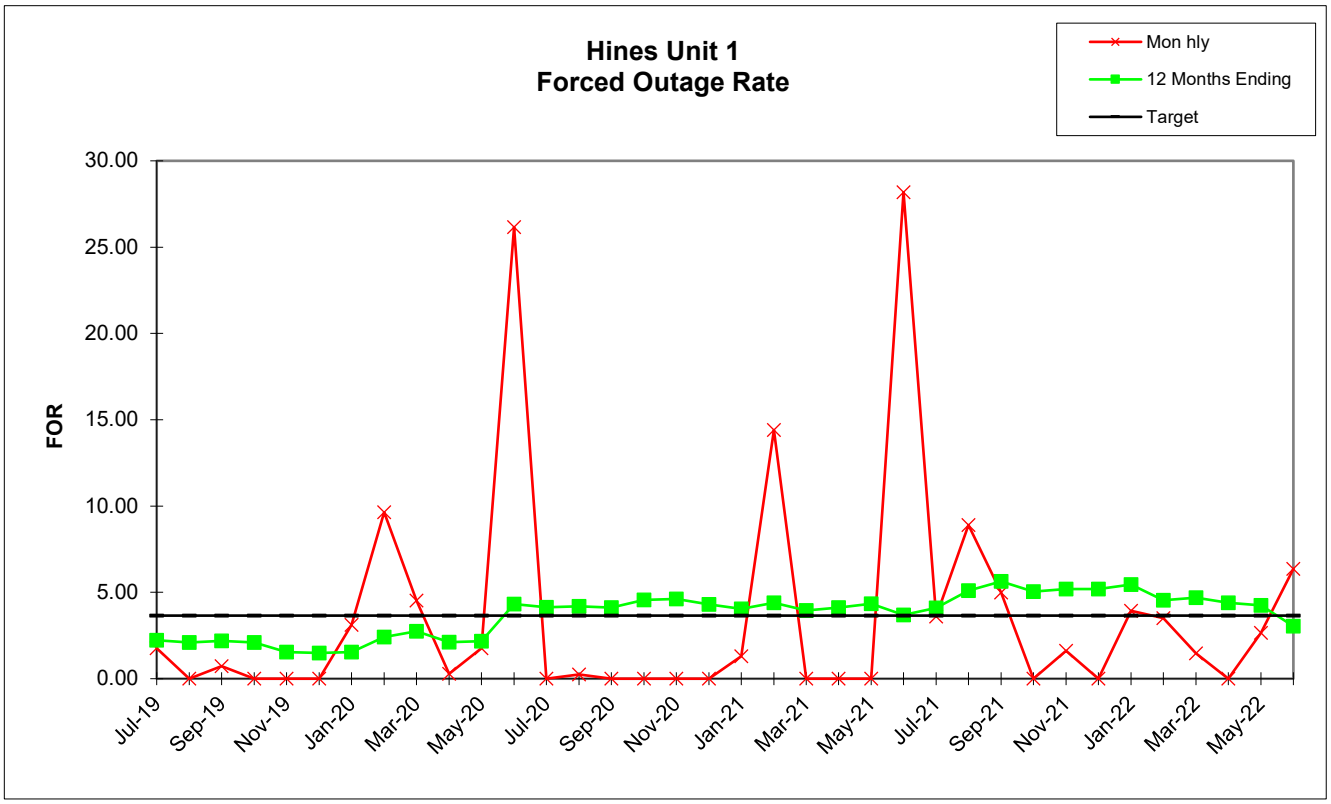
12 MONTHS	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
FOR	2 22	2.10	2.19	2.09	1 54	1.49	1.54	2.42	2.75	2.12	2.17	4.33	4.14	4.19	4.11	4.56	4.61	4.30
MOR	8 36	8.08	8.13	6.89	6.80	5.97	1.14	0.43	0.43	2.09	2.40	2.41	2.40	2.57	2.67	2.96	3.00	2.79
PFOR	0.74	0.70	0.70	0.69	0.68	0.63	0.22	0.23	0.22	0.15	0.14	0.06	0.06	0.06	0.06	0.06	0.06	0.05
PMOR	0 01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EUOR	10 90	10.49	10.62	9.34	8.77	7.87	2.87	3.05	3.38	4.27	4.61	6.59	6.40	6.60	6.63	7.32	7.39	6.91
EUOF	8 87	8.54	8.60	7.63	7 22	6.62	2.26	2.40	2.66	3.56	3.90	5.67	5.53	5.69	5.72	5.72	5.71	5.71
POF	6 29	6.29	6.29	6.29	6 29	6.29	6.29	6.27	6.27	1.81	0.00	0.00	0.00	0.00	0.00	7.88	8.73	8.73
EAF	84 85	85.18	85.12	86.09	86.49	87.10	91.45	91.33	91.07	94.64	96.10	94.33	94.47	94.31	94.28	86.40	85.57	85.57

Hines
Unit 1

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
PER HOURS	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720 00	744.00	720.00
SER HOURS	734.33	515.04	743.00	238.92	0.00	346.32	695.63	668.05	679.80	737.30	668.58	744.00	714.56	579.39	732.02	720 00	707.76	589.13
RSH	0.00	70.21	0.00	0.00	0.00	22.67	3.07	10.66	4.45	6.70	41.38	0.00	0.00	36.73	0.00	0 00	0.00	3.31
UH	9.67	86.74	0.00	481.08	744.00	351.01	45.31	65.30	35.75	0.00	11.04	0 00	29.44	55.88	10.98	0 00	36.24	127.56
POH	0.00	0.00	0.00	481.08	744.00	215.10	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.00
FOH	9.67	86.74	0.00	0.00	0.00	135.90	25.94	65.30	35.75	0.00	11.04	0 00	29.33	21.11	10.98	0 00	19.36	39.97
MOH	0.00	0.00	0.00	0.00	0.00	0.00	19.36	0.00	0.00	0.00	0.00	0.00	0.11	34.77	0.00	0 00	16.88	87.59
PFOH	0.00	6.23	0.00	2.00	0.00	0.00	6.90	61.45	33.42	0.00	10.32	0.00	3.08	21.24	1.49	0 00	57.08	0.00
LRPF	0.00	77.98	0.00	23.91	0.00	0.00	41.44	83.00	82.89	0.00	78.00	0.00	70.50	80.00	82.00	0 00	47.60	0.00
EFOH	0.00	0.99	0.00	0.10	0.00	0.00	0.58	10.41	5.65	0.00	1.64	0.00	0.44	3.47	0.25	0 00	5.54	0.00
PMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	12.83	0.00	0 00	16.37	86.56
LRPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	82.00	0.00	0 00	72.00	77.00
EMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	2.15	0.00	0 00	2.41	13.60
NPC	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490 00	490.00	490.00	490.00	490 00	490.00	490.00

MONTHLY	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
FOR	1.30	14.41	0.00	0.00	0.00	28.18	3.60	8.90	5.00	0.00	1.62	0.00	3.94	3.52	1.48	0 00	2.66	6.35
MOR	0.00	0.00	0.00	0.00	0.00	0.00	2.71	0.00	0.00	0.00	0.00	0.00	0.02	5.66	0.00	0 00	2.33	12.94
PFOR	0.00	0.19	0.00	0.04	0.00	0.00	0.08	1.56	0.83	0.00	0.25	0.00	0.06	0.60	0.03	0 00	0.78	0.00
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0 00	0.34	2.31
EUOR	1.30	14.58	0.00	0.04	0.00	28.18	6.19	10.32	5.79	0.00	1.87	0 00	4.02	9.68	1.51	0 00	5.94	19.70
EUOF	1.30	13.06	0.00	0.01	0.00	18.88	6.17	10.18	5.75	0.00	1.76	0 00	4.02	9.15	1.51	0 00	5.94	19.61
POF	0.00	0.00	0.00	66.82	100.00	29.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00
EAF	98.70	86.94	100.00	33.17	0.00	51.25	93.83	89.82	94.25	100.00	98.24	100.00	95.98	90.85	98.49	100 00	94.06	80.39

12 MONTHS	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
FOR	4.05	4.40	3.96	4.12	4.35	3.69	4.11	5.10	5.64	5.05	5.19	5.19	5.46	4.54	4.70	4.40	4.25	3.05
MOR	2.61	2.41	2.38	0.80	0.31	0.32	0.64	0.44	0.32	0.29	0.29	0 29	0.29	0.79	0.79	0.74	0.88	1.89
PFOR	0.05	0.03	0.02	0.02	0.02	0.02	0.03	0.20	0.29	0.26	0.29	0 29	0.29	0.33	0.33	0 31	0.35	0.34
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.03	0.03	0 03	0.06	0.22
EUOR	6.50	6.63	6.17	4.87	4.65	4.00	4.72	5.69	6.20	5.56	5.71	5.71	6.00	5.60	5.76	5.40	5.44	5.36
EUOF	5.73	5.82	5.46	4.05	3.51	2.91	3.43	4.14	4.53	4.53	4.67	4.67	4.90	4.60	4.73	4.73	5.23	5.29
POF	8.73	8.75	8.75	14.24	22.73	25.19	25.19	25.19	25.19	17.29	16.44	16.44	16.44	16.44	16.44	10 95	2.46	0.00
EAF	85.55	85.43	85.79	81.71	73.76	71.90	71.38	70.67	70.29	78.19	78.89	78 89	78.66	78.96	78.83	84 32	92.31	94.71


Hines Unit 1
Forced Outage Rate
Mon hly
12 Months Ending
Target
FOR
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
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Jan-21
Mar-21
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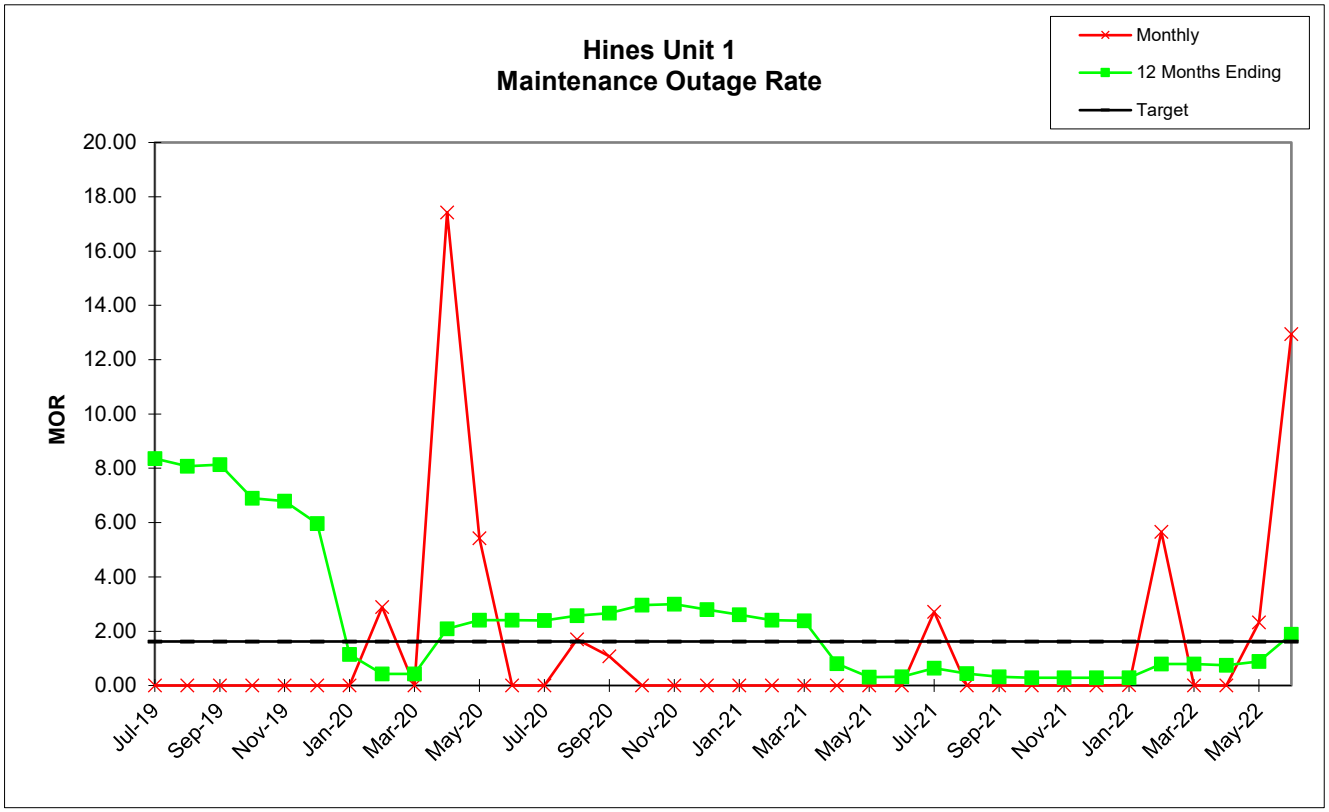
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22


Hines Unit 1
Maintenance Outage Rate
Monthly
12 Months Ending
Target
MOR
20.00
18.00
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
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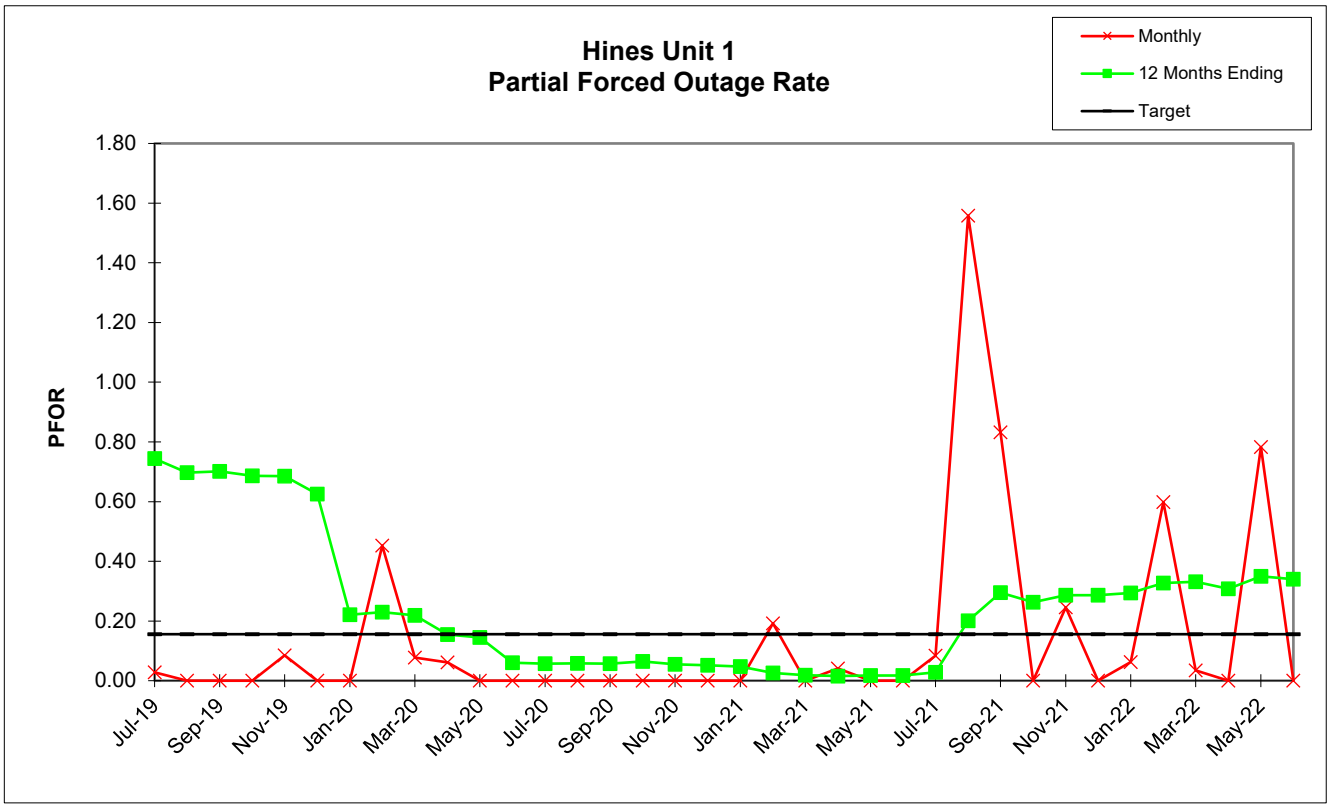
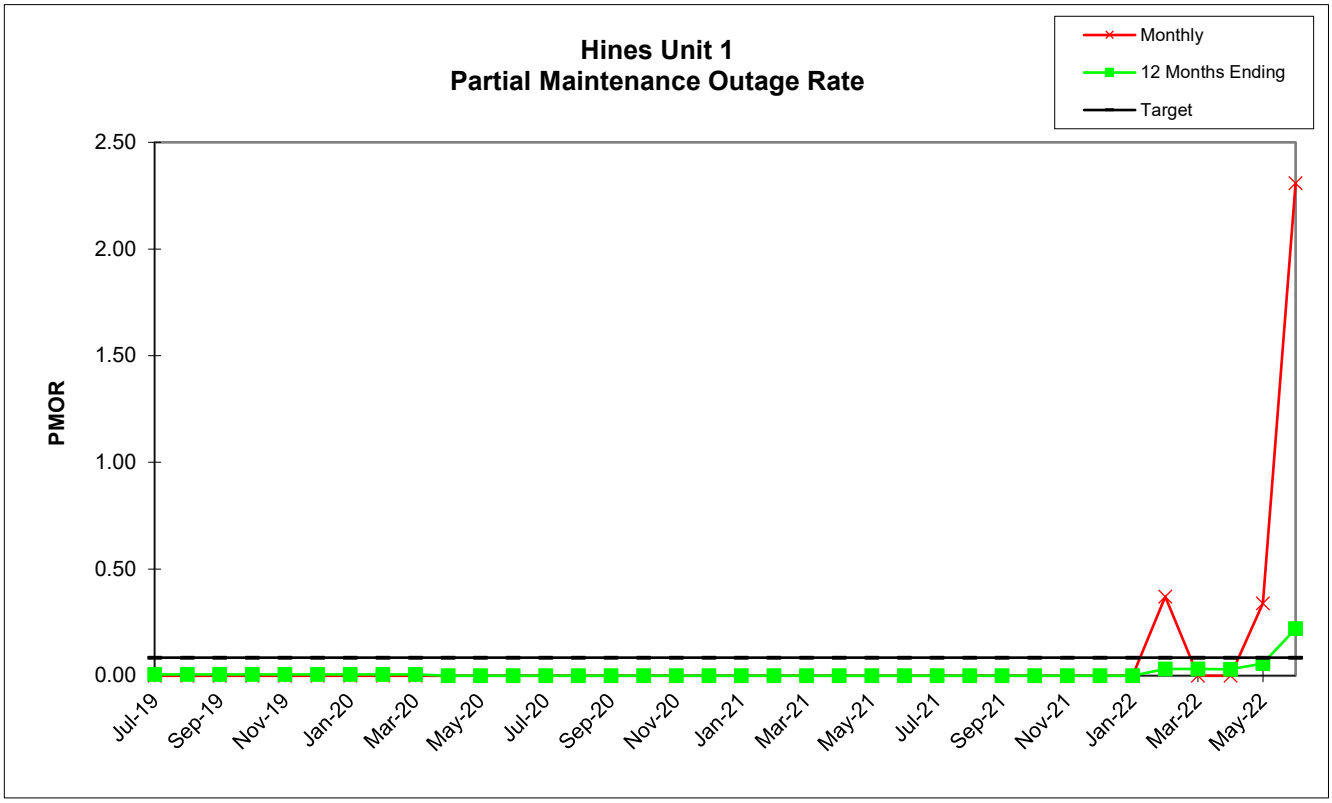
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22


Hines Unit 1
Partial Forced Outage Rate
Monthly
12 Months Ending
Target
PFOR
1.80
1.60
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
Mar-21
May-21
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22


Hines Unit 1
Partial Maintenance Outage Rate
Monthly
12 Months Ending
Target
PMOR
2.50
2.00
1.50
1.00
0.50
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
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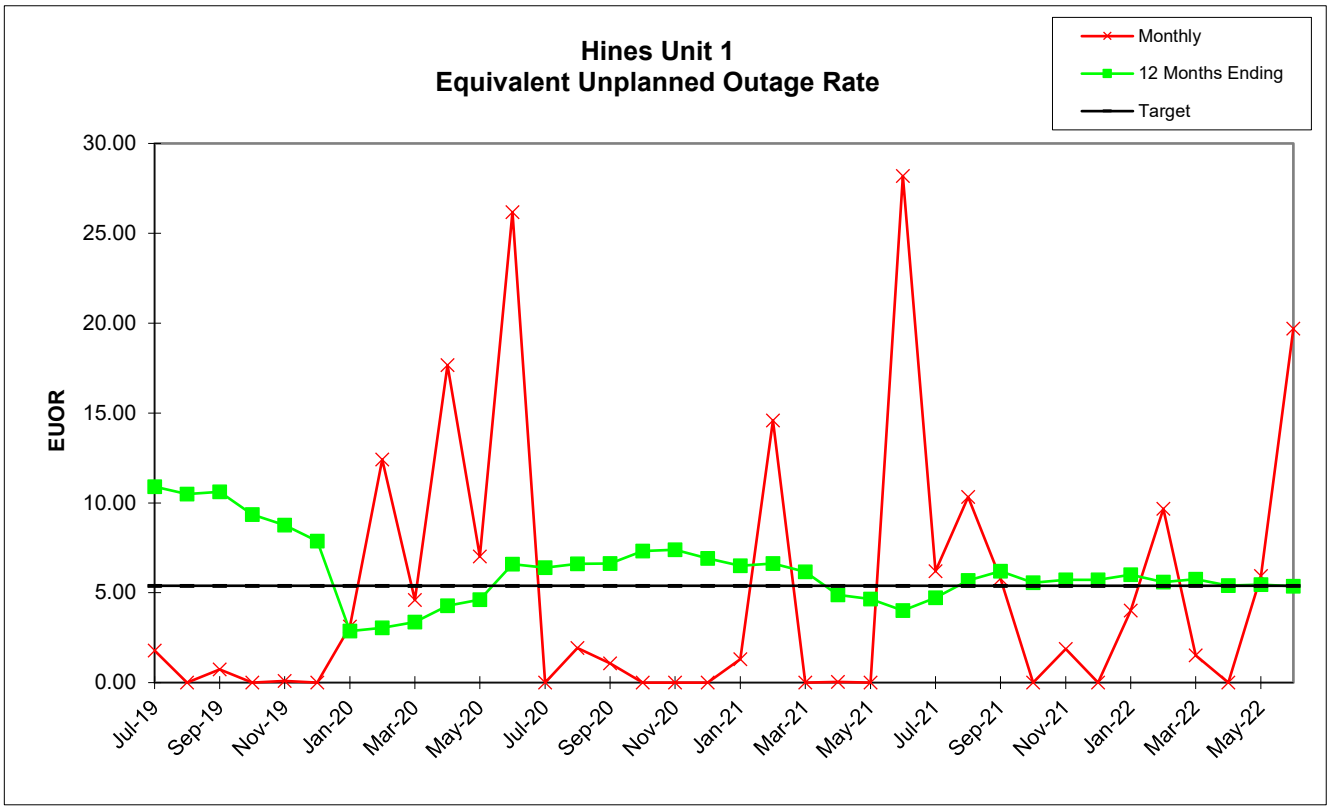
Jan-22
Mar-22
May-22


Hines Unit 1
Equivalent Unplanned Outage Rate
Monthly
12 Months Ending
Target
EUOR
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
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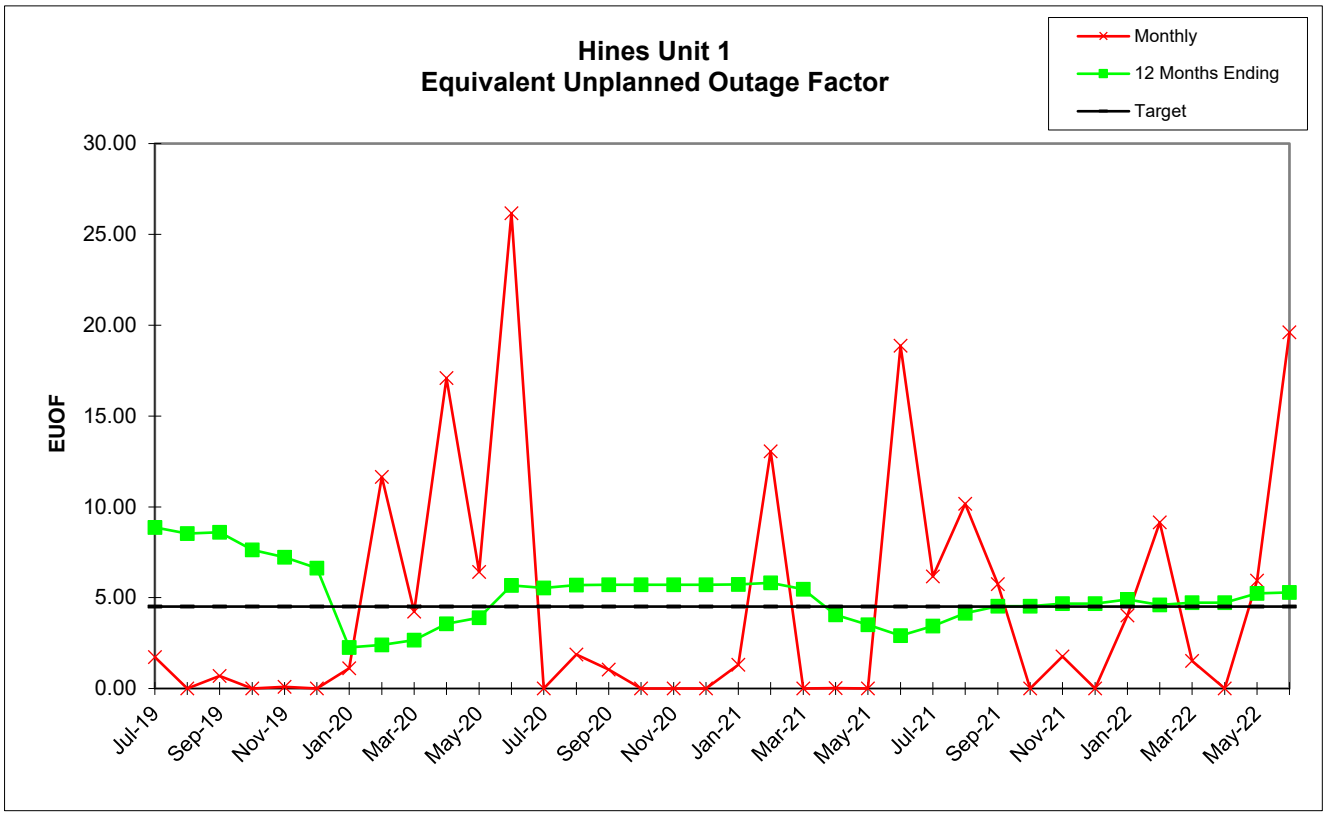
Jan-22
Mar-22
May-22


Hines Unit 1
Equivalent Unplanned Outage Factor
Monthly
12 Months Ending
Target
EUOF
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
Mar-21
May-21
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22

Hines
Unit 2

	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	696.00	743.00	720.00	744.00	720 00	744.00	744.00	720.00	744 00	721.00	744.00
SER HOURS	743.00	738.04	651.29	669.50	721.00	744.00	703.55	559.17	0.00	246.44	578.69	623 31	744.00	744.00	671.64	709.70	639.86	634.03
RSH	1.00	5.96	64.44	71.44	0.00	0.00	40.45	98.96	0.00	12.92	40.18	17 21	0.00	0.00	48.36	34 30	78.88	109.97
UH	0.00	0.00	4.27	3.06	0.00	0.00	0.00	37.87	743.00	460.64	125.13	79.48	0.00	0.00	0.00	0 00	2.26	0.00
POH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.16	743.00	442.32	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.00
FOH	0.00	0.00	3.61	3.06	0.00	0.00	0.00	6.90	0.00	18.32	26.09	26 27	0.00	0.00	0.00	0 00	2.26	0.00
MOH	0.00	0.00	0.66	0.00	0.00	0.00	0.00	6.81	0.00	0.00	99.04	53.21	0.00	0.00	0.00	0 00	0.00	0.00
PFOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	165.08	41.68	91.09	0.00	1.15	0.00	0 00	47.90	0.00
LRPF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.15	120.10	94.72	0.00	137.07	0.00	0 00	72.75	0.00
EFOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.30	9.55	16.47	0.00	0.30	0.00	0 00	6.65	0.00
PMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.39	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.00
LRPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.07	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.00
EMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00
NPC	512.00	512.00	512.00	512.00	512.00	512.00	524.00	524.00	524.00	524.00	524.00	524.00	524.00	524.00	524.00	524 00	524.00	524.00

MONTHLY	**Jul-19**	**Aug-19**	**Sep-19**	**Oct-19**	**Nov-19**	**Dec-19**	**Jan-20**	**Feb-20**	**Mar-20**	**Apr-20**	**May-20**	**Jun-20**	**Jul-20**	**Aug-20**	**Sep-20**	**Oct-20**	**Nov-20**	**Dec-20**
FOR	0.00	0.00	0.55	0.45	0.00	0.00	0.00	1.22	0.00	6.92	4.31	4.04	0.00	0.00	0.00	0 00	0.35	0.00
MOR	0.00	0.00	0.10	0.00	0.00	0.00	0.00	1.20	0.00	0.00	14.61	7 87	0.00	0.00	0.00	0 00	0.00	0.00
PFOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.19	1.65	2.64	0.00	0.04	0.00	0 00	1.04	0.00
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.00
EUOR	0.00	0.00	0.65	0.45	0.00	0.00	0.00	2.39	0.00	24.85	19.14	13.65	0.00	0.04	0.00	0 00	1.39	0.00
EUOF	0.00	0.00	0.59	0.41	0.00	0.00	0.00	1.97	0.00	9.14	18.10	13.33	0.00	0.04	0.00	0 00	1.24	0.00
POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.47	100.00	61.43	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00
EAF	100.00	100.00	99.41	99.59	100.00	100.00	100.00	94.56	0.00	29.43	81.90	86.67	100.00	99.96	100.00	100 00	98.76	100.00

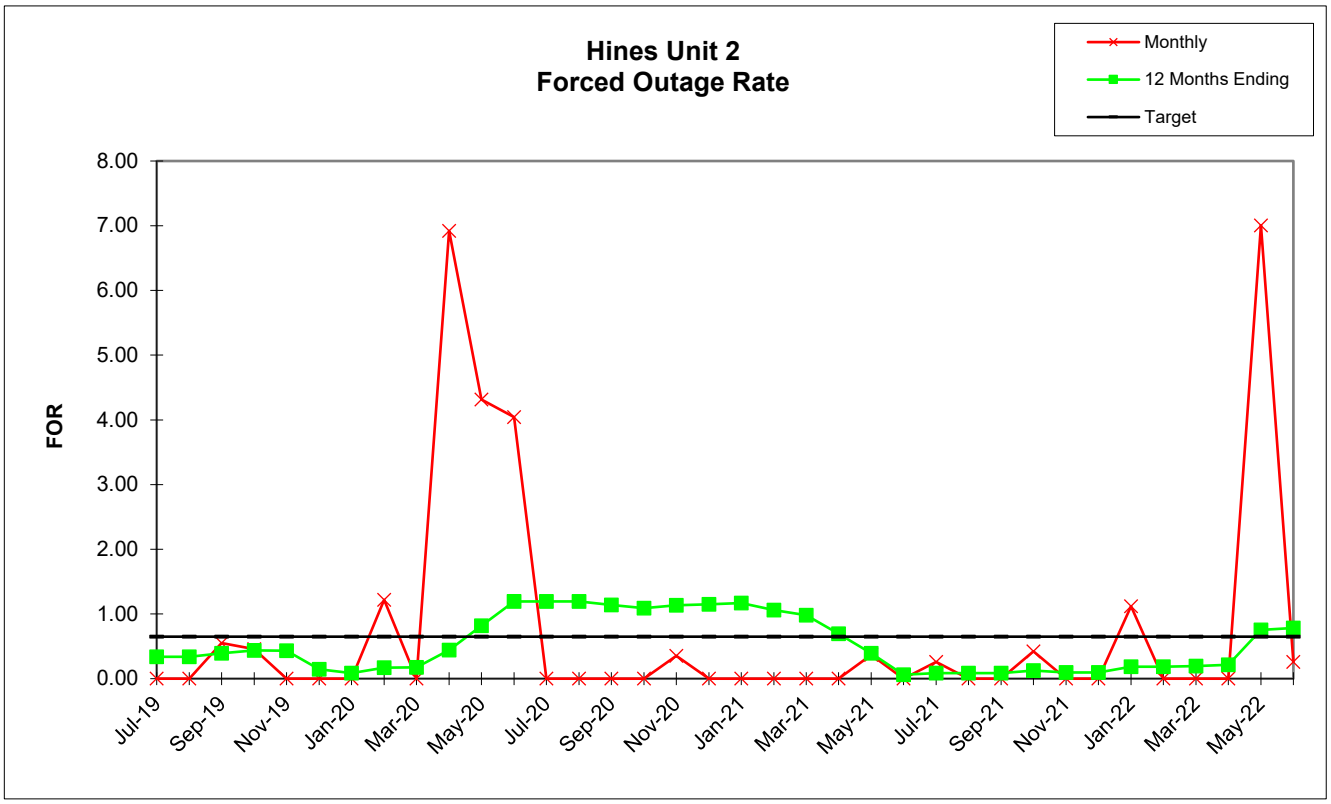
12 MONTHS	**Jul-19**	**Aug-19**	**Sep-19**	**Oct-19**	**Nov-19**	**Dec-19**	**Jan-20**	**Feb-20**	**Mar-20**	**Apr-20**	**May-20**	**Jun-20**	**Jul-20**	**Aug-20**	**Sep-20**	**Oct-20**	**Nov-20**	**Dec-20**
FOR	0.34	0.34	0.39	0.44	0.43	0.15	0.08	0.17	0.18	0.44	0.82	1.19	1.19	1.19	1.14	1 09	1.13	1.15
MOR	0.43	0.39	0.41	0.41	0.10	0.10	0.10	0.18	0.10	0.10	1.49	2 24	2.24	2.24	2.22	2 21	2.23	2.27
PFOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.81	1 05	1.05	1.05	1.05	1 04	1.15	1.17
PMOR	0.05	0.05	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00
EUOR	0.82	0.78	0.84	0.89	0.53	0.25	0.18	0.35	0.27	1.20	3.07	4.40	4.40	4.40	4.33	4 26	4.43	4.50
EUOF	0.70	0.66	0.71	0.74	0.45	0.22	0.16	0.32	0.24	0.99	2.52	3.61	3.61	3.62	3.57	3 53	3.64	3.64
POF	3.78	3.78	3.78	3.78	3.78	3.78	3.78	4.05	8.73	13.77	13.77	13.77	13.77	13.77	13.77	13.77	13.77	13.77
EAF	95.52	95.56	95.51	95.48	95.77	96.00	96.05	95.63	91.03	85.24	83.71	82.62	82.62	82.61	82.66	82.70	82.60	82.60

Hines
Unit 2

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
PER HOURS	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720 00	744.00	720.00
SER HOURS	608.03	621.61	537.54	697.40	725.04	720.00	735.19	744.00	685.25	734.36	606.43	491.70	601.24	599.19	169.15	0 00	509.54	718.12
RSH	135.97	50.39	205.46	22.60	16.29	0.00	6.90	0.00	3.09	6.52	14.81	28 58	135.95	72.81	0.00	0 00	12.95	0.00
UH	0.00	0.00	0.00	0.00	2.67	0.00	1.90	0.00	31.66	3.12	99.75	223.72	6.81	0.00	573.85	720 00	221.51	1.88
POH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99.75	223.72	0.00	0.00	573.85	720 00	158.35	0.00
FOH	0.00	0.00	0.00	0.00	2.67	0.00	1.90	0.00	0.00	3.12	0.00	0 00	6.81	0.00	0.00	0 00	38.39	1.88
MOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.66	0.00	0.00	0.00	0.00	0.00	0.00	0 00	24.76	0.00
PFOH	0.00	0.00	0.00	0.00	2.53	0.00	0.00	0.00	0.00	13.46	0.00	0.00	0.00	0.00	0.00	0 00	75.26	246.32
LRPF	0.00	0.00	0.00	0.00	94.40	0.00	0.00	0.00	0.00	57.58	0.00	0.00	0.00	0.00	0.00	0 00	99.94	22.00
EFOH	0.00	0.00	0.00	0.00	0.46	0.00	0.00	0.00	0.00	1.48	0.00	0.00	0.00	0.00	0.00	0 00	14.14	10.19
PMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00
LRPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00
EMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.00
NPC	524.00	524.00	524.00	524.00	524.00	524.00	524.00	524.00	524.00	524.00	524.00	524 00	532.00	532.00	532.00	532 00	532.00	532.00

MONTHLY	**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Oct-21**	**Nov-21**	**Dec-21**	**Jan-22**	**Feb-22**	**Mar-22**	**Apr-22**	**May-22**	**Jun-22**
FOR	0.00	0.00	0.00	0.00	0.37	0.00	0.26	0.00	0.00	0.42	0.00	0.00	1.12	0.00	0.00	0 00	7.01	0.26
MOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.42	0.00	0.00	0.00	0.00	0.00	0.00	0 00	4.63	0.00
PFOR	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0 00	2.77	1.42
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.00
EUOR	0.00	0.00	0.00	0.00	0.43	0.00	0.26	0.00	4.42	0.62	0.00	0 00	1.12	0.00	0.00	0 00	13.50	1.68
EUOF	0.00	0.00	0.00	0.00	0.42	0.00	0.26	0.00	4.40	0.62	0.00	0 00	0.92	0.00	0.00	0 00	10.39	1.68
POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.84	30.07	0.00	0.00	77.23	100 00	21.28	0.00
EAF	100.00	100.00	100.00	100.00	99.58	100.00	99.74	100.00	95.60	99.38	86.16	69.93	99.08	100.00	22.77	0 00	68.33	98.32

12 MONTHS	**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Oct-21**	**Nov-21**	**Dec-21**	**Jan-22**	**Feb-22**	**Mar-22**	**Apr-22**	**May-22**	**Jun-22**
FOR	1.17	1.06	0.98	0.69	0.39	0.06	0.08	0.08	0.08	0.12	0.10	0.10	0.18	0.18	0.19	0 21	0.76	0.78
MOR	2.30	2.18	2.03	1.91	0.66	0.00	0.00	0.00	0.39	0.39	0.39	0.40	0.40	0.40	0.42	0.46	0.85	0.85
PFOR	1.19	1.18	1.09	0.42	0.30	0.09	0.09	0.09	0.09	0.11	0.02	0 02	0.02	0.02	0.03	0 03	0.24	0.39
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.00
EUOR	4.56	4.34	4.03	2.99	1.35	0.15	0.18	0.17	0.56	0.62	0.51	0 52	0.61	0.61	0.64	0.70	1.82	2.00
EUOF	3.64	3.49	3.49	2.74	1.24	0.14	0.16	0.16	0.52	0.57	0.47	0.47	0.55	0.55	0.55	0 55	1.40	1.53
POF	13.77	13.53	5.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.14	3.69	3.69	3.69	10.24	18.46	20.27	20.27
EAF	82.60	82.98	91.46	97.26	98.76	99.86	99.84	99.84	99.48	99.43	98.39	95 84	95.76	95.76	89.21	80 99	78.33	78.20


Hines Unit 2
Forced Outage Rate
Monthly
12 Months Ending
Target
FOR
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
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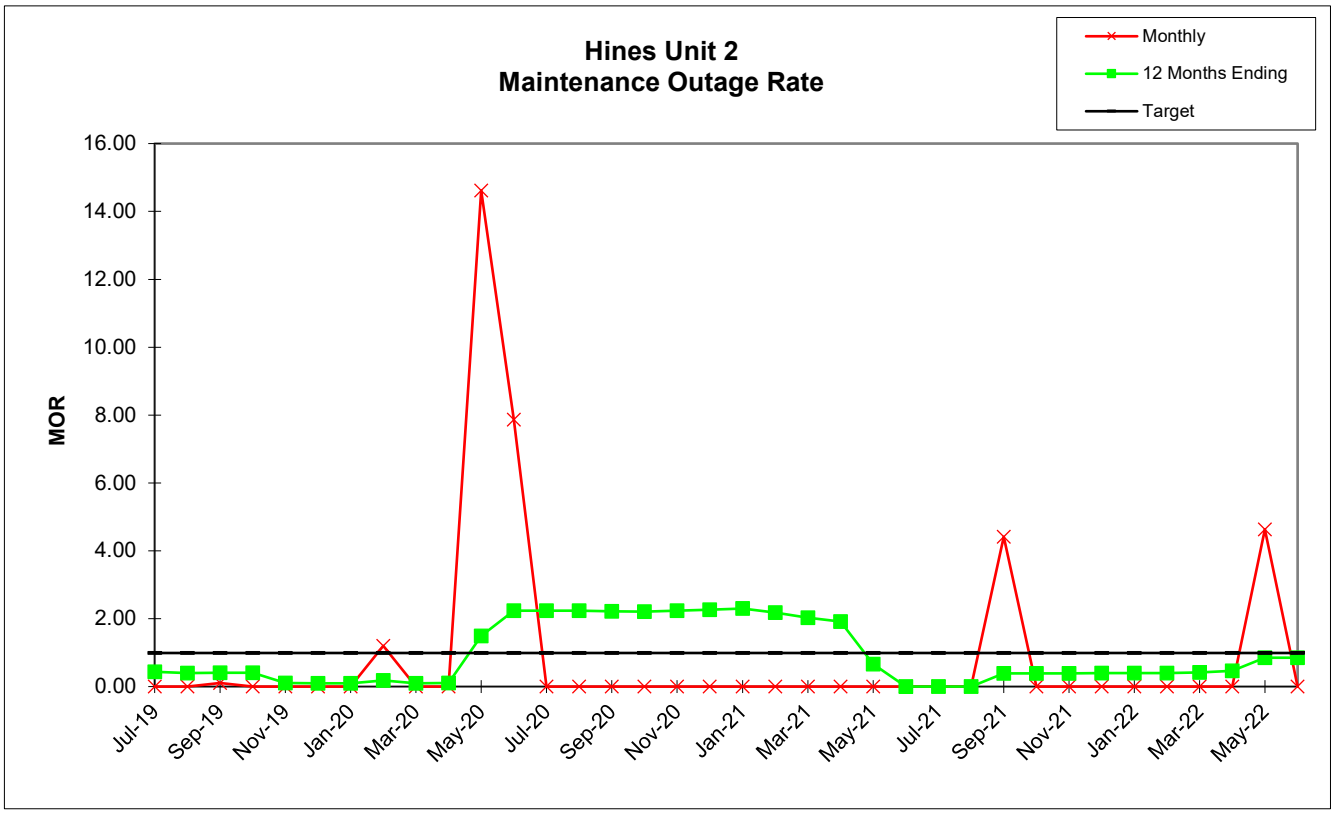
Nov-21
Jan-22
Mar-22
May-22


Hines Unit 2
Maintenance Outage Rate
Monthly
12 Months Ending
Target
MOR
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
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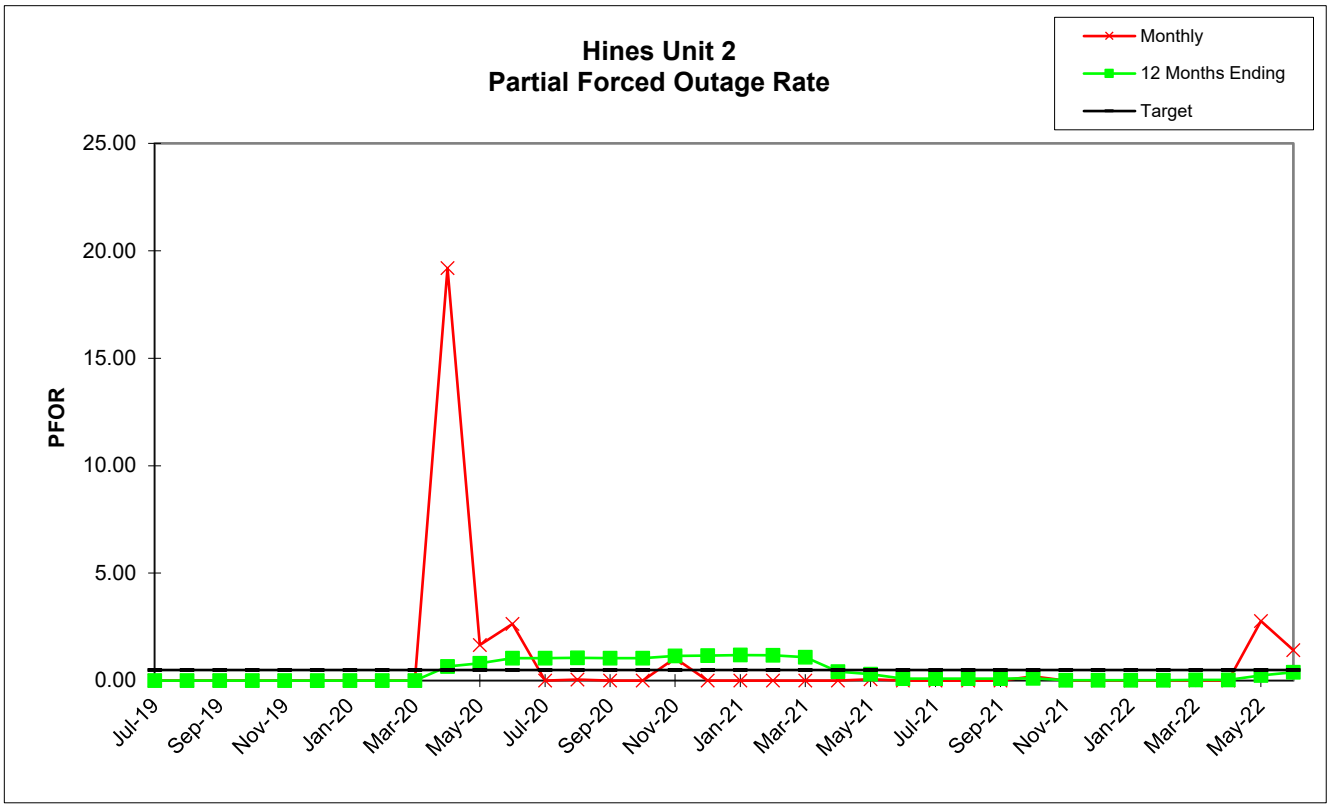
Jan-22
Mar-22
May-22


Hines Unit 2
Partial Forced Outage Rate
Monthly
12 Months Ending
Target
PFOR
25.00
20.00
15.00
10.00
5.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
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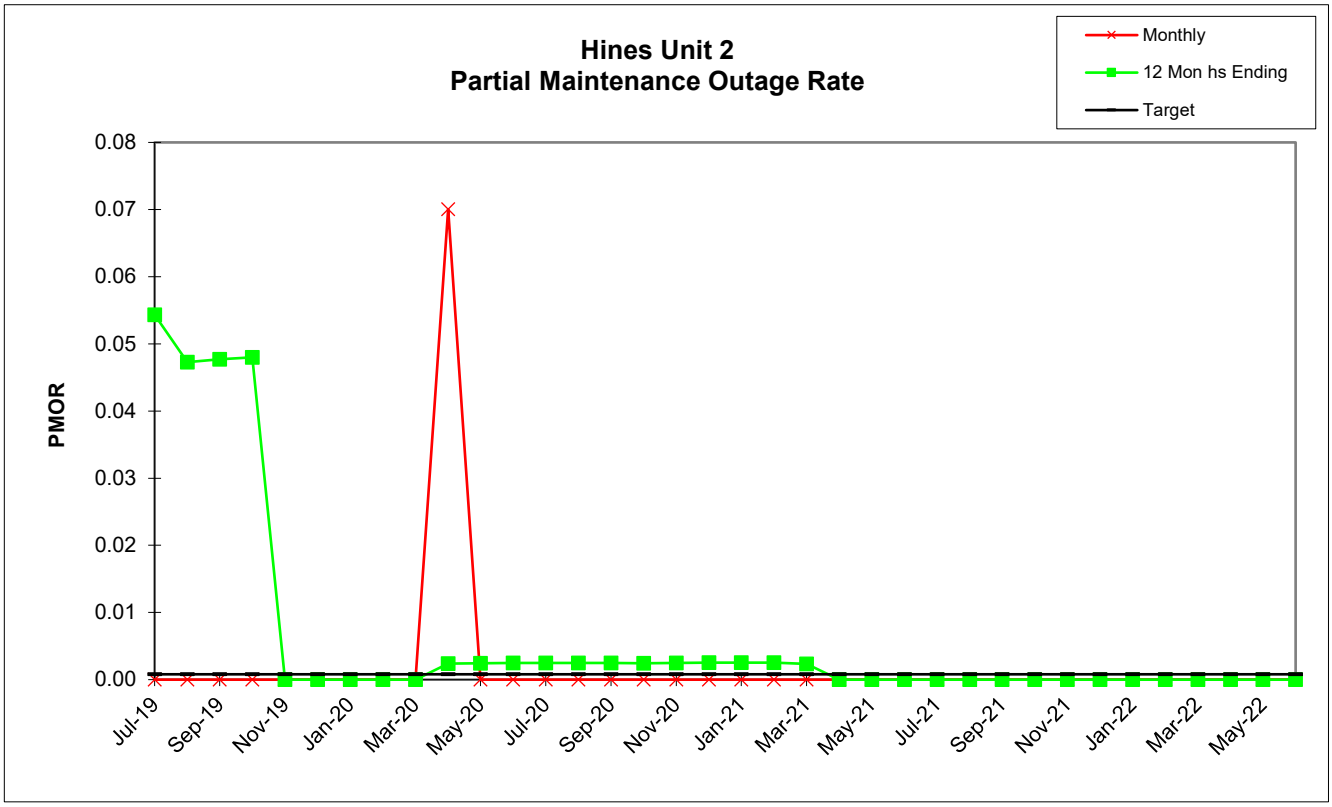
Jan-22
Mar-22
May-22


Hines Unit 2
Partial Maintenance Outage Rate
Monthly
12 Mon hs Ending
Target
PMOR
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
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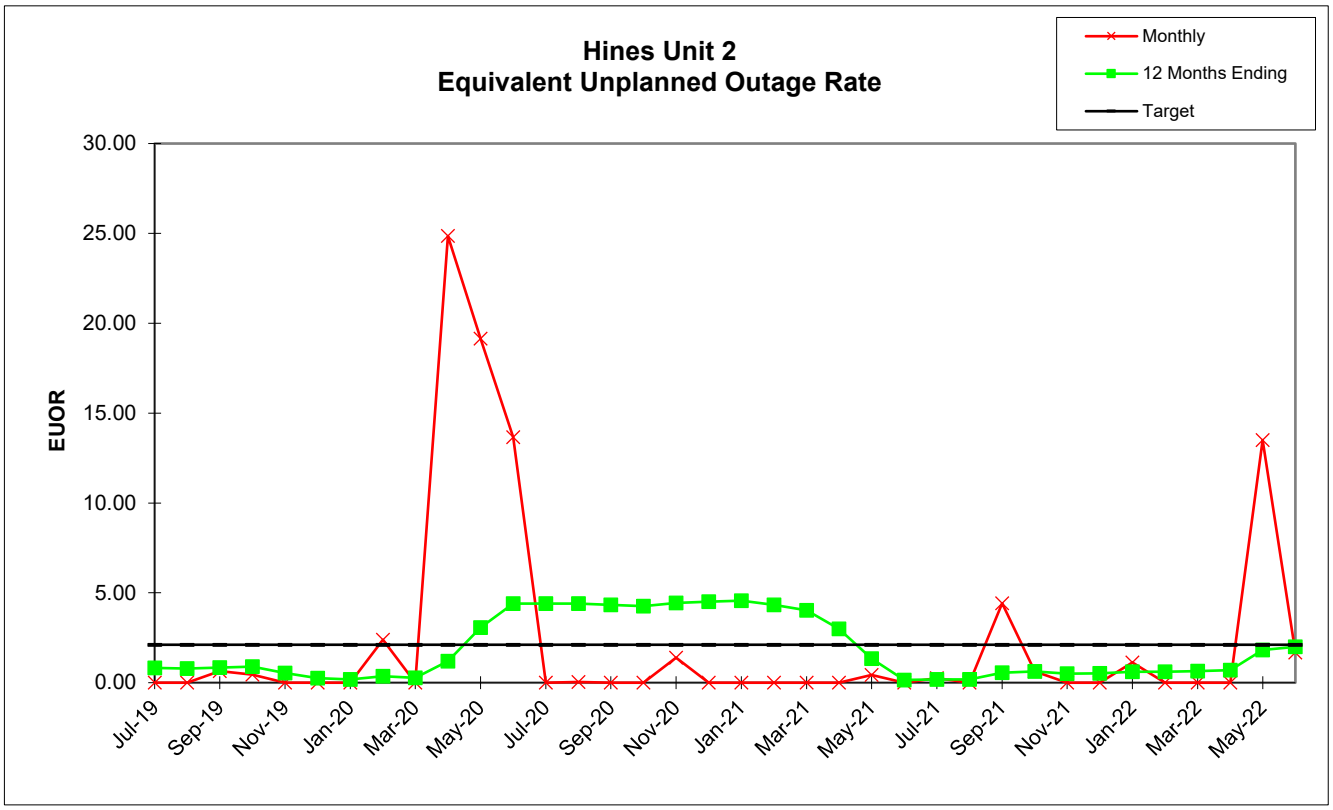
Jan-22
Mar-22
May-22


Hines Unit 2
Equivalent Unplanned Outage Rate
Monthly
12 Months Ending
Target
EUOR
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
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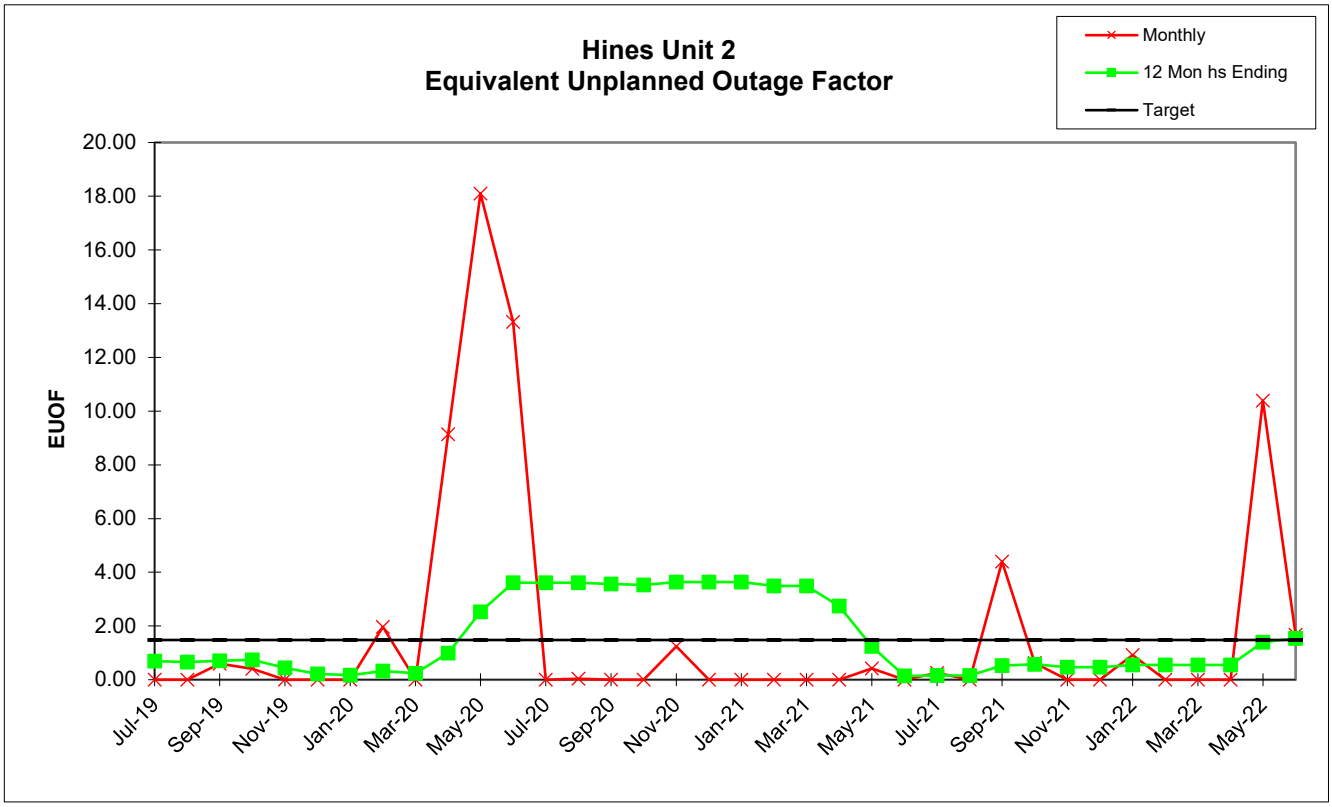
Jan-22
Mar-22
May-22


Hines Unit 2
Equivalent Unplanned Outage Factor
Monthly
12 Mon hs Ending
Target
EUOF
20.00
18.00
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
Mar-21
May-21
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22

Hines
Unit 3

	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	696.00	743.00	720.00	744.00	720 00	744.00	744.00	720.00	744 00	721.00	744.00
SER HOURS	726.72	702.23	640.48	190.87	658.48	395.39	460.05	460.19	726.67	655.96	521.00	714 93	678.16	657.55	633.63	725 20	612.82	652.41
RSH	13.86	34.81	63.38	0.00	54.95	348.61	283.95	232.97	16.33	61.54	55.10	3 06	28.76	27.24	86.37	18.65	83.48	91.59
UH	3.43	6.95	16.13	553.13	7.57	0.00	0.00	2.84	0.00	2.50	167.90	2 01	37.08	59.21	0.00	0.14	24.70	0.00
POH	0.00	0.00	0.00	553.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.00
FOH	3.43	0.00	16.13	0.00	7.57	0.00	0.00	2.84	0.00	0.00	54.77	2 01	25.49	55.20	0.00	0.14	0.00	0.00
MOH	0.00	6.95	0.01	0.00	0.00	0.00	0.00	0.00	0.00	2.50	113.13	0.00	11.59	4.01	0.00	0 00	24.70	0.00
PFOH	0.00	0.00	3.17	0.00	7.77	0.00	0.00	4.00	0.00	0.00	0.00	2.04	7.42	0.00	0.00	0 00	0.00	0.00
LRPF	0.00	0.00	83.25	0.00	87.28	0.00	0.00	61.59	0.00	0.00	0.00	88.11	88.70	0.00	0.00	0 00	0.00	0.00
EFOH	0.00	0.00	0.51	0.00	1.31	0.00	0.00	0.48	0.00	0.00	0.00	0 35	1.28	0.00	0.00	0 00	0.00	0.00
PMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.00
LRPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.00
EMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.00
NPC	516.00	516.00	516.00	516.00	516.00	516.00	515.00	515.00	515.00	515.00	515.00	515.00	515.00	515.00	515.00	515 00	515.00	515.00

MONTHLY	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
FOR	0.47	0.00	2.46	0.00	1.14	0.00	0.00	0.61	0.00	0.00	9.51	0.28	3.62	7.74	0.00	0 02	0.00	0.00
MOR	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	17.84	0 00	1.68	0.61	0.00	0 00	3.87	0.00
PFOR	0.00	0.00	0.08	0.00	0.20	0.00	0.00	0.10	0.00	0.00	0.00	0 05	0.19	0.00	0.00	0 00	0.00	0.00
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.00
EUOR	0.47	0.98	2.54	0.00	1.33	0.00	0.00	0.72	0.00	0.38	24.37	0 33	5.36	8.26	0.00	0 02	3.87	0.00
EUOF	0.46	0.93	2.31	0.00	1.23	0.00	0.00	0.48	0.00	0.35	22.57	0.33	5.16	7.96	0.00	0 02	3.43	0.00
POF	0.00	0.00	0.00	74.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00
EAF	99.54	99.07	97.69	25.65	98.77	100.00	100.00	99.52	100.00	99.65	77.43	99.67	94.84	92.04	100.00	99 98	96.57	100.00

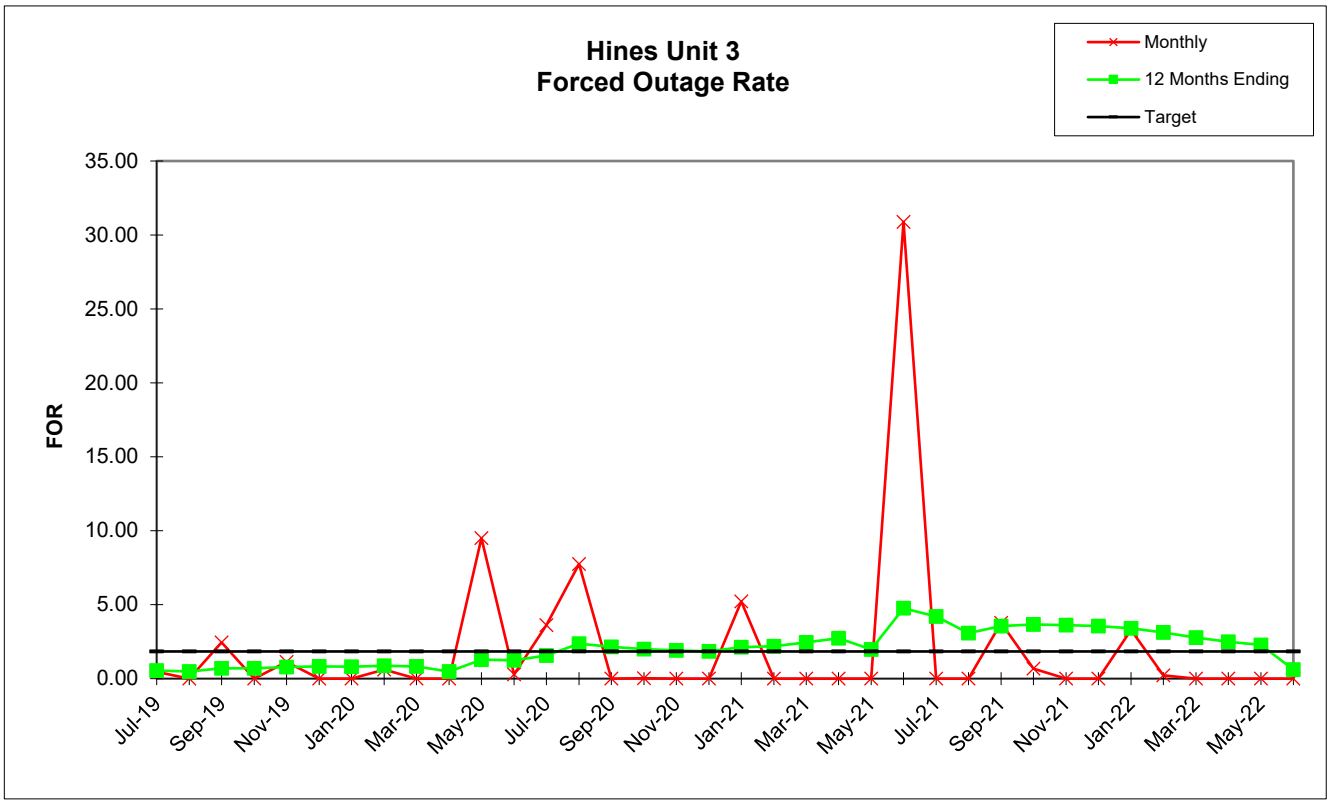
12 MONTHS	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
FOR	0.54	0.48	0.71	0.69	0.79	0.82	0.81	0.87	0.82	0.48	1.29	1 25	1.57	2.37	2.14	1 99	1.90	1.84
MOR	0.04	0.14	0.14	0.14	0.14	0.14	0.15	0.15	0.14	0.14	1.79	1.76	1.93	1.90	1.91	1.77	2.11	2.04
PFOR	0.08	0.07	0.07	0.07	0.09	0.09	0.09	0.10	0.09	0.04	0.04	0 04	0.06	0.06	0.05	0 05	0.03	0.03
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00
EUOR	0.66	0.68	0.92	0.90	1.01	1.06	1.04	1.12	1.06	0.65	3.07	3.00	3.50	4.24	4.02	3.74	3.96	3.83
EUOF	0.54	0.56	0.75	0.74	0.85	0.85	0.80	0.84	0.84	0.52	2.43	2.41	2.81	3.41	3.22	3 22	3.40	3.40
POF	8.59	8.59	8.06	6.33	6.31	6.31	6.31	6.30	6.30	6.30	6.30	6 30	6.30	6.30	6.30	0 00	0.00	0.00
EAF	90.87	90.85	91.19	92.92	92.84	92.84	92.88	92.86	92.86	93.18	91.27	91 29	90.89	90.30	90.49	96.78	96.60	96.60

Hines
Unit 3

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
PER HOURS	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720 00	744.00	720.00
SER HOURS	360.54	68.63	0.00	0.00	0.00	299.01	744.00	744.00	670.46	705.26	677.62	744 00	578.09	609.69	743.00	720 00	744.00	690.71
RSH	363.58	219.37	0.00	0.00	0.00	0.00	0.00	0.00	9.52	33.93	43.38	0 00	36.30	60.99	0.00	0 00	0.00	16.18
UH	19.88	384.00	743.00	720.00	744.00	420.99	0.00	0.00	40.02	4.81	0.00	0 00	129.61	1.32	0.00	0 00	0.00	13.11
POH	0.00	384.00	743.00	720.00	744.00	287.37	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.00
FOH	19.88	0.00	0.00	0.00	0.00	133.63	0.00	0.00	26.26	4.81	0.00	0 00	19.66	1.32	0.00	0 00	0.00	0.00
MOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.76	0.00	0.00	0.00	109.95	0.00	0.00	0 00	0.00	13.11
PFOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.49	4.73	0.00	0.00	20.23	1.32	0.00	0 00	0.00	0.00
LRPF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	86.32	86.55	0.00	0.00	88.00	90.00	0.00	0 00	0.00	0.00
EFOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.23	0.79	0.00	0.00	3.40	0.23	0.00	0 00	0.00	0.00
PMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	13.11
LRPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	86.00
EMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	2.16
NPC	521.00	521.00	521.00	521.00	521.00	521.00	521.00	521.00	521.00	521.00	521.00	521 00	523.00	523.00	523.00	523 00	523.00	523.00

MONTHLY	**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Oct-21**	**Nov-21**	**Dec-21**	**Jan-22**	**Feb-22**	**Mar-22**	**Apr-22**	**May-22**	**Jun-22**
FOR	5.23	0.00	0.00	0.00	0.00	30.89	0.00	0.00	3.77	0.68	0.00	0.00	3.29	0.22	0.00	0 00	0.00	0.00
MOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.01	0.00	0.00	0.00	15.98	0.00	0.00	0 00	0.00	1.86
PFOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.11	0.00	0.00	0.59	0.04	0.00	0 00	0.00	0.00
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.31
EUOR	5.23	0.00	0.00	0.00	0.00	30.89	0.00	0.00	6.09	0.79	0.00	0 00	18.80	0.25	0.00	0 00	0.00	2.17
EUOF	2.67	0.00	0.00	0.00	0.00	18.56	0.00	0.00	6.01	0.75	0.00	0 00	17.88	0.23	0.00	0 00	0.00	2.12
POF	0.00	57.14	100.00	100.00	100.00	39.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00
EAF	97.33	42.86	0.00	0.00	0.00	41.53	100.00	100.00	93.99	99.25	100.00	100.00	82.12	99.77	100.00	100 00	100.00	97.88

12 MONTHS	**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Oct-21**	**Nov-21**	**Dec-21**	**Jan-22**	**Feb-22**	**Mar-22**	**Apr-22**	**May-22**	**Jun-22**
FOR	2.12	2.20	2.45	2.72	1.97	4.76	4.21	3.08	3.56	3.66	3.61	3 55	3.40	3.12	2.77	2 50	2.27	0.62
MOR	2.06	2.18	2.42	2.66	0.78	0.85	0.60	0.51	0.78	0.79	0.28	0 27	2.31	2.10	1.86	1.68	1.53	1.61
PFOR	0.03	0.02	0.03	0.03	0.03	0.03	0.00	0.00	0.07	0.08	0.08	0 08	0.14	0.13	0.12	0.11	0.10	0.09
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.03
EUOR	4.13	4.30	4.78	5.27	2.76	5.56	4.76	3.55	4.35	4.47	3.95	3 88	5.70	5.21	4.65	4 20	3.82	2.32
EUOF	3.62	3.60	3.60	3.57	1.65	3.15	2.71	2.04	2.53	2.59	2.31	2.31	3.60	3.62	3.62	3.62	3.62	2.27
POF	0.00	4.38	12.87	21.08	29.58	32.86	32.86	32.86	32.86	32.86	32.86	32.86	32.86	28.47	19.99	11.77	3.28	0.00
EAF	96.38	92.02	83.54	75.35	68.77	63.99	64.43	65.11	64.61	64.55	64.83	64 83	63.54	67.91	76.39	84.61	93.10	97.73


Hines Unit 3
Forced Outage Rate
Monthly
12 Months Ending
Target
FOR
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
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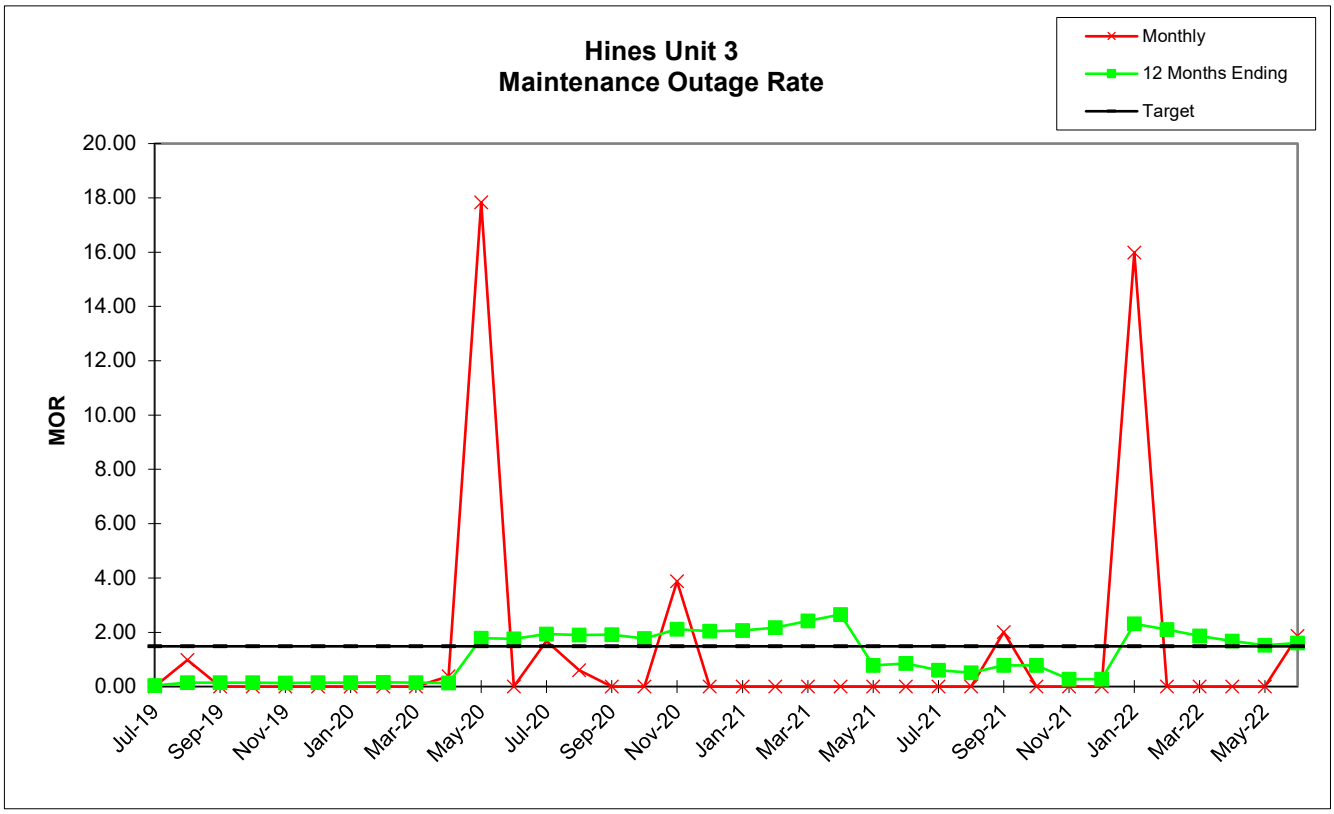
Jan-22
Mar-22
May-22


Hines Unit 3
Maintenance Outage Rate
Monthly
12 Months Ending
Target
MOR
20.00
18.00
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
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Jul-21
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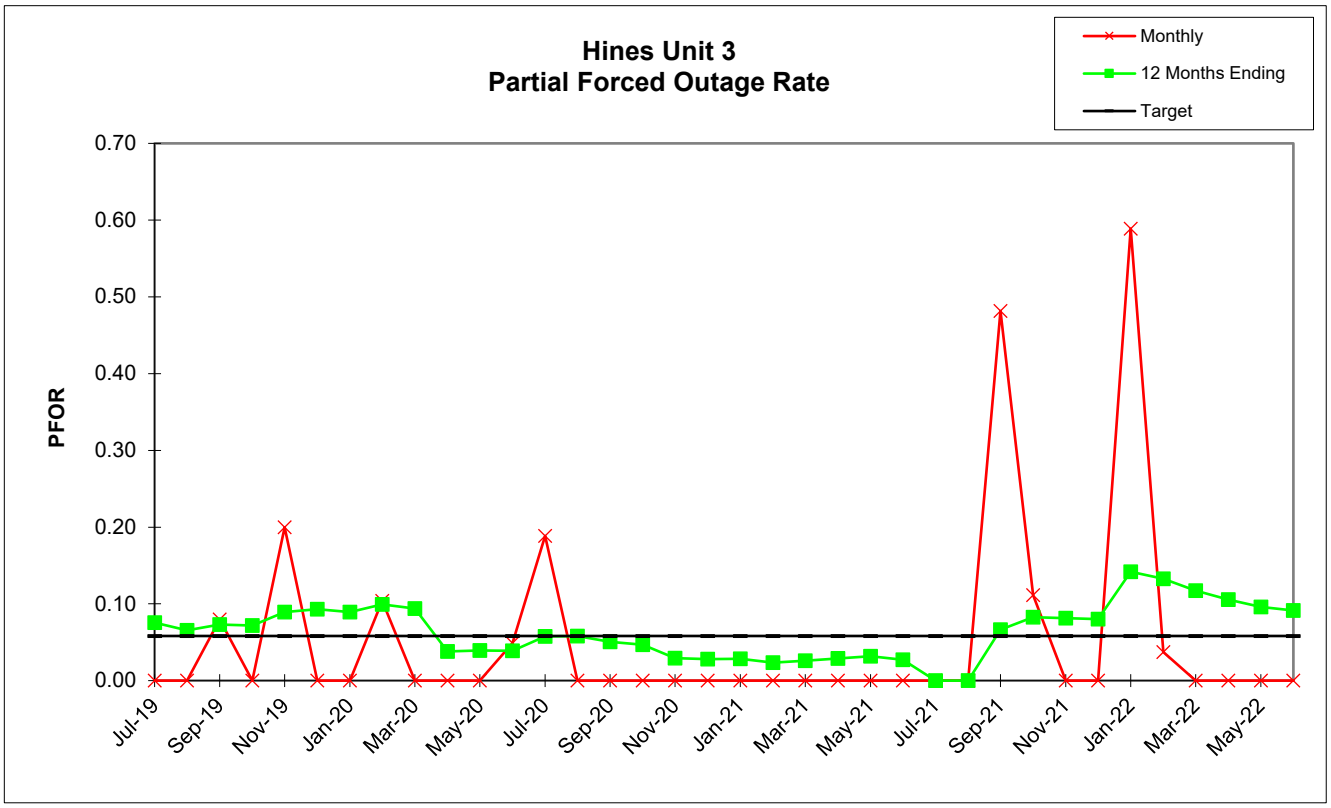
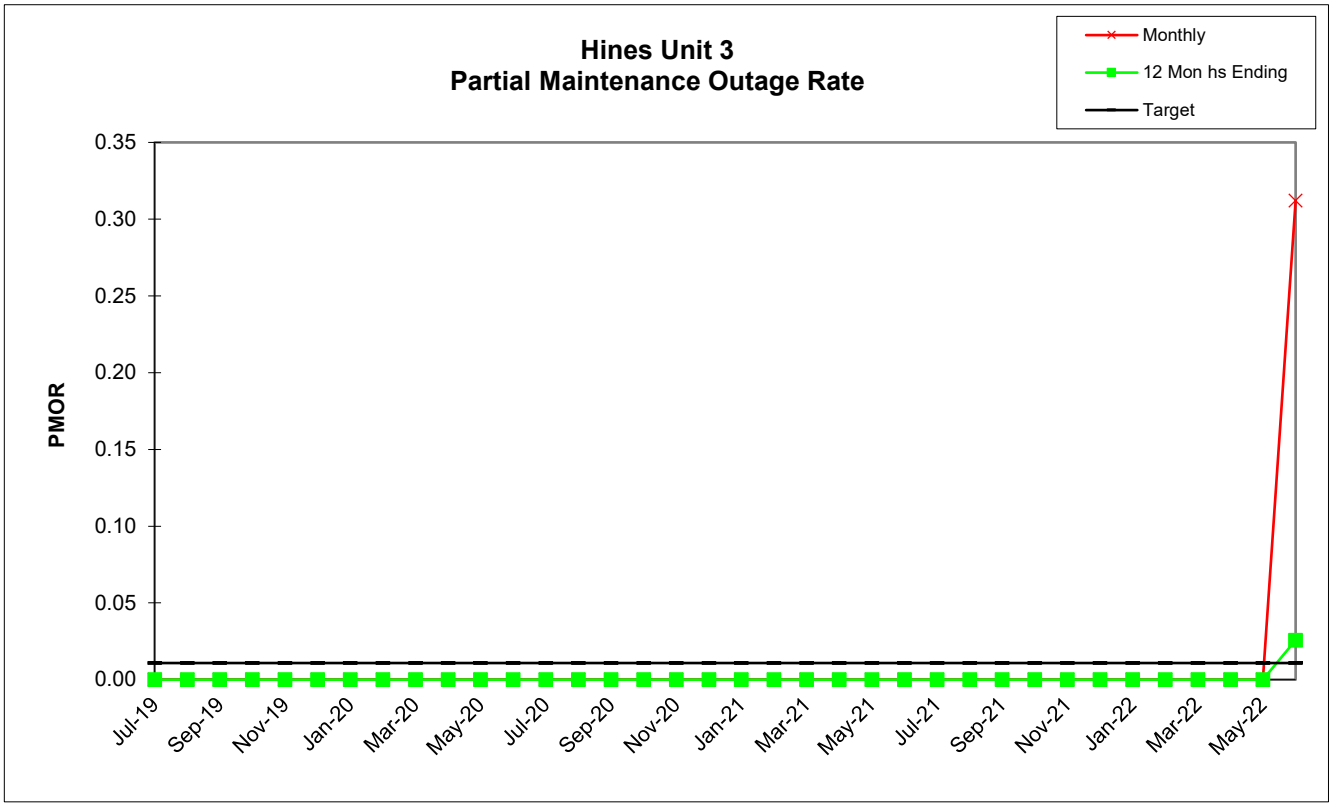
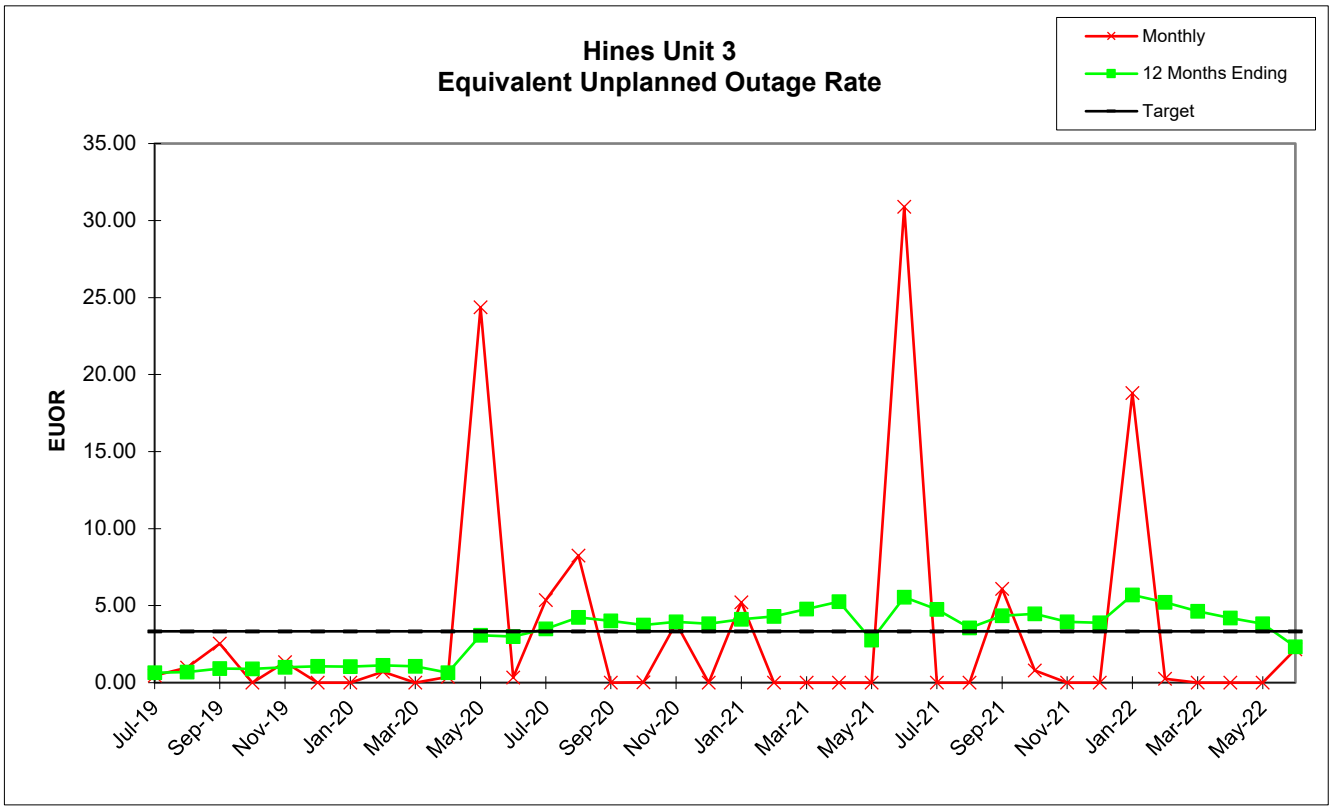
Jan-22
Mar-22
May-22


Hines Unit 3
Partial Forced Outage Rate
Monthly
12 Months Ending
Target
PFOR
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
Mar-21
May-21
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22


Hines Unit 3
Partial Maintenance Outage Rate
Monthly
12 Mon hs Ending
Target
PMOR
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
Mar-21
May-21
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22


Hines Unit 3
Equivalent Unplanned Outage Rate
Monthly
12 Months Ending
Target
EUOR
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
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Nov-20
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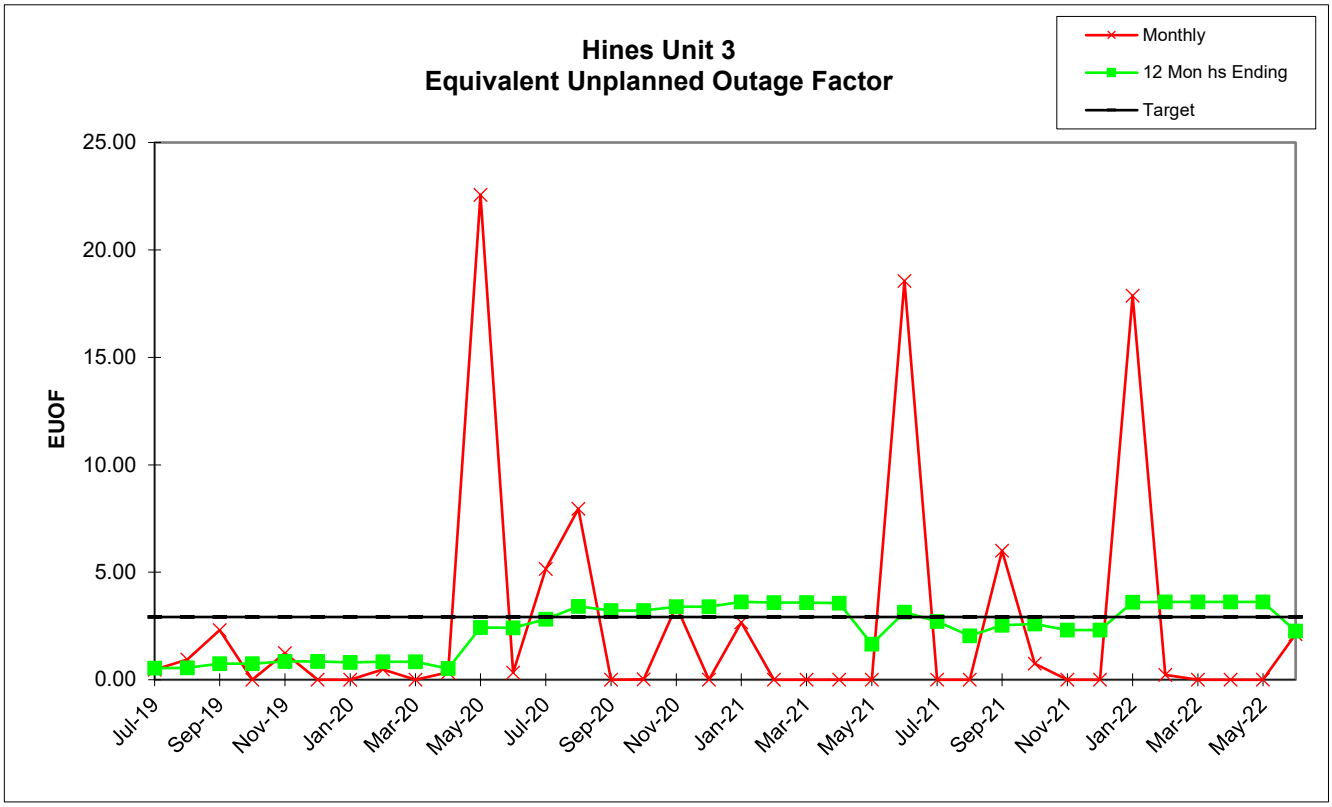
Nov-21
Jan-22
Mar-22
May-22


Hines Unit 3
Equivalent Unplanned Outage Factor
Monthly
12 Mon hs Ending
Target
EUOF
25.00
20.00
15.00
10.00
5.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
Mar-21
May-21
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22

Hines
Unit 4

	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	696.00	743.00	720.00	744.00	720 00	744.00	744.00	720.00	744 00	721.00	744.00
SER HOURS	509.75	702.35	685.27	542.99	53.31	734.79	720.85	648.90	663.15	556.20	697.39	717.64	618.72	654.69	696.71	728.40	72.30	224.25
RSH	5.43	31.65	32.76	55.83	0.00	1.49	17.57	47.10	38.15	121.23	46.61	0 00	3.81	22.02	23.29	5.48	54.70	34.77
UH	228.81	10.00	1.97	145.18	667.69	7.72	5.58	0.00	41.70	42.57	0.00	2 36	121.47	67.29	0.00	10.11	594.00	484.98
POH	0.00	0.00	0.00	142.82	665.56	6.91	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	594.00	462.31
FOH	228.81	0.00	1.97	2.36	2.13	0.81	5.58	0.00	41.70	42.57	0.00	2 36	121.47	67.29	0.00	10.11	0.00	22.67
MOH	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00
PFOH	0.00	0.00	0.00	0.00	0.00	0.00	5.58	0.00	3.00	0.58	0.00	0.00	0.00	0.00	14.08	0 00	0.00	0.00
LRPF	0.00	0.00	0.00	0.00	0.00	0.00	78.07	0.00	62.43	89.00	0.00	0 00	0.00	0.00	62.01	0 00	0.00	0.00
EFOH	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.00	0.36	0.10	0.00	0 00	0.00	0.00	1.69	0 00	0.00	0.00
PMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	14.00	0 00	0.00	0.00
LRPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	87.02	0 00	0.00	0.00
EMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	2.36	0 00	0.00	0.00
NPC	516.00	516.00	516.00	516.00	516.00	516.00	516.00	516.00	516.00	516.00	516.00	516.00	516.00	516.00	516.00	516 00	516.00	516.00

MONTHLY	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
FOR	30.98	0.00	0.29	0.43	3.84	0.11	0.77	0.00	5.92	7.11	0.00	0.33	16.41	9.32	0.00	1 37	0.00	9.18
MOR	0.00	1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.00
PFOR	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.05	0.02	0.00	0 00	0.00	0.00	0.24	0 00	0.00	0.00
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.34	0 00	0.00	0.00
EUOR	30.98	1.40	0.29	0.43	3.84	0.11	0.88	0.00	5.97	7.13	0.00	0 33	16.41	9.32	0.58	1 37	0.00	9.18
EUOF	30.75	1.34	0.27	0.32	0.30	0.11	0.86	0.00	5.66	5.93	0.00	0.33	16.33	9.04	0.56	1 36	0.00	3.05
POF	0.00	0.00	0.00	19.20	92.31	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	82.39	62.14
EAF	69.25	98.66	99.73	80.49	7.39	98.96	99.14	100.00	94.34	94.07	100.00	99.67	83.67	90.96	99.44	98.64	17.61	34.81

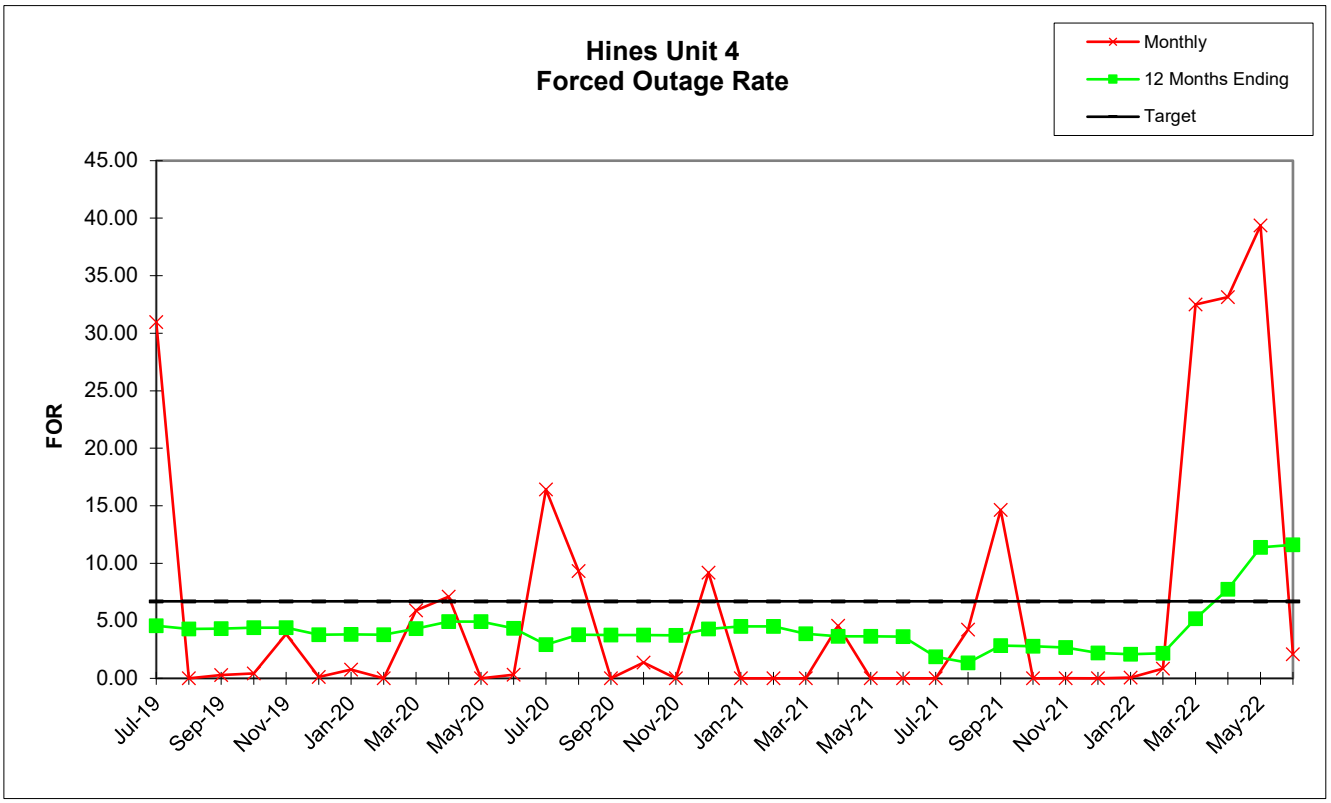
12 MONTHS	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
FOR	4.56	4.28	4.33	4.42	4.41	3.79	3.81	3.79	4.32	4.93	4.93	4.34	2.92	3.80	3.77	3.78	3.74	4.29
MOR	0.01	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.00	0.00	0 00	0.00	0.00
PFOR	0.11	0.05	0.05	0.05	0.05	0.01	0.02	0.02	0.02	0.02	0.02	0 02	0.02	0.02	0.04	0 04	0.04	0.04
PMOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0 03	0.03	0.03
EUOR	4.68	4.46	4.51	4.60	4.60	3.93	3.97	3.94	4.47	5.08	5.08	4.49	3.07	3.82	3.84	3 85	3.81	4.36
EUOF	3.94	3.74	3.77	3.79	3.82	3.38	3.43	3.41	3.88	4.36	4.34	3.87	2.64	3.30	3.32	3.41	3.38	3.63
POF	6.71	6.71	6.71	8.34	11.45	9.31	9.31	9.28	9.28	9.28	9.28	9 28	9.28	9.28	9.28	7.66	6.84	12.03
EAF	89.35	89.55	89.53	87.87	84.73	87.31	87.26	87.31	86.84	86.36	86.38	86.85	88.07	87.42	87.40	88 94	89.78	84.34

Hines
Unit 4

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
PER HOURS	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720 00	744.00	720.00
SER HOURS	247.46	657.22	730.86	645.00	734.45	720.00	744.00	712.51	614.67	528.07	348.35	717 25	717.92	577.69	501.61	481.40	451.12	683.92
RSH	496.54	14.78	12.14	44.13	9.55	0.00	0.00	0.00	0.00	0.00	45.05	26.75	25.69	76.83	0.00	0 00	0.00	0.00
UH	0.00	0.00	0.00	30.87	0.00	0.00	0.00	31.49	105.33	215.93	327.61	0 00	0.39	17.49	241.39	238.60	292.88	36.08
POH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	215.93	327.55	0 00	0.00	0.00	0.00	0 00	0.00	0.00
FOH	0.00	0.00	0.00	30.87	0.00	0.00	0.00	31.49	105.33	0.00	0.06	0 00	0.39	4.85	241.39	238.60	292.88	14.67
MOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.64	0.00	0 00	0.00	21.40
PFOH	0.00	0.00	0.00	7.70	0.00	0.00	0.00	4.24	0.00	0.00	0.00	0.00	0.00	0.00	245.62	242.79	256.27	3.37
LRPF	0.00	0.00	0.00	79.56	0.00	0.00	0.00	85.86	0.00	0.00	0.00	0.00	0.00	0.00	84.00	84 00	83.56	84.00
EFOH	0.00	0.00	0.00	1.18	0.00	0.00	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00	39.99	39 52	41.50	0.55
PMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	21.78
LRPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	84.00
EMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	3.55
NPC	519.00	519.00	519.00	519.00	519.00	519.00	519.00	519.00	519.00	519.00	519.00	519 00	516.00	516.00	516.00	516 00	516.00	516.00

MONTHLY	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
FOR	0.00	0.00	0.00	4.57	0.00	0.00	0.00	4.23	14.63	0.00	0.02	0.00	0.05	0.83	32.49	33.14	39.37	2.10
MOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.14	0.00	0 00	0.00	3.03
PFOR	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	7.97	8 21	9.20	0.08
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.52
EUOR	0.00	0.00	0.00	4.74	0.00	0.00	0.00	4.33	14.63	0.00	0.02	0 00	0.05	2.94	37.87	38.63	44.94	5.58
EUOF	0.00	0.00	0.00	4.45	0.00	0.00	0.00	4.33	14.63	0.00	0.01	0 00	0.05	2.60	37.87	38.63	44.94	5.58
POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.02	45.43	0.00	0.00	0.00	0.00	0 00	0.00	0.00
EAF	100.00	100.00	100.00	95.55	100.00	100.00	100.00	95.67	85.37	70.98	54.56	100.00	99.95	97.40	62.13	61 37	55.06	94.42

12 MONTHS	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
FOR	4.51	4.50	3.88	3.67	3.65	3.61	1.87	1.36	2.85	2.79	2.68	2 22	2.09	2.17	5.20	7.76	11.40	11.61
MOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.16	0.17	0.17	0.18	0.48
PFOR	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.03	0.03	0.03	0 03	0.02	0.02	0.55	1 08	1.71	1.73
PMOR	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00	0.00	0.05
EUOR	4.58	4.57	3.94	3.74	3.72	3.69	1.95	1.44	2.88	2.82	2.71	2 24	2.12	2.35	5.87	8 90	13.05	13.55
EUOF	3.56	3.57	3.09	2.97	2.97	2.94	1.55	1.15	2.31	2.19	2.20	1.94	1.94	2.14	5.35	8.16	11.98	12.44
POF	12.03	12.06	12.06	12.06	12.06	12.06	12.06	12.06	12.06	14.52	11.48	6.20	6.20	6.20	6.20	6 20	6.20	6.20
EAF	84.41	84.37	84.85	84.97	84.97	85.00	86.39	86.79	85.63	83.28	86.32	91.86	91.86	91.66	88.44	85.63	81.82	81.36


Hines Unit 4
Forced Outage Rate
Monthly
12 Months Ending
Target
FOR
45.00
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
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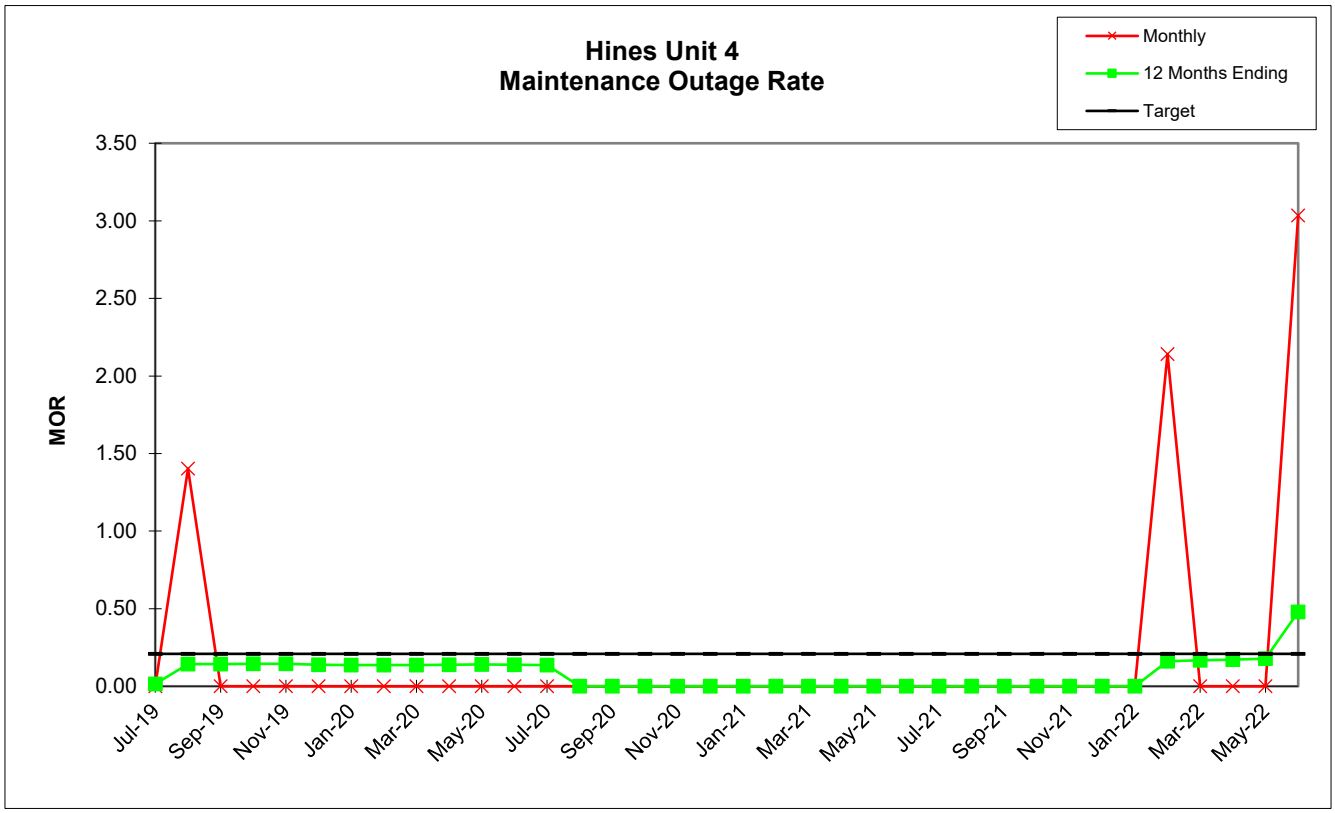
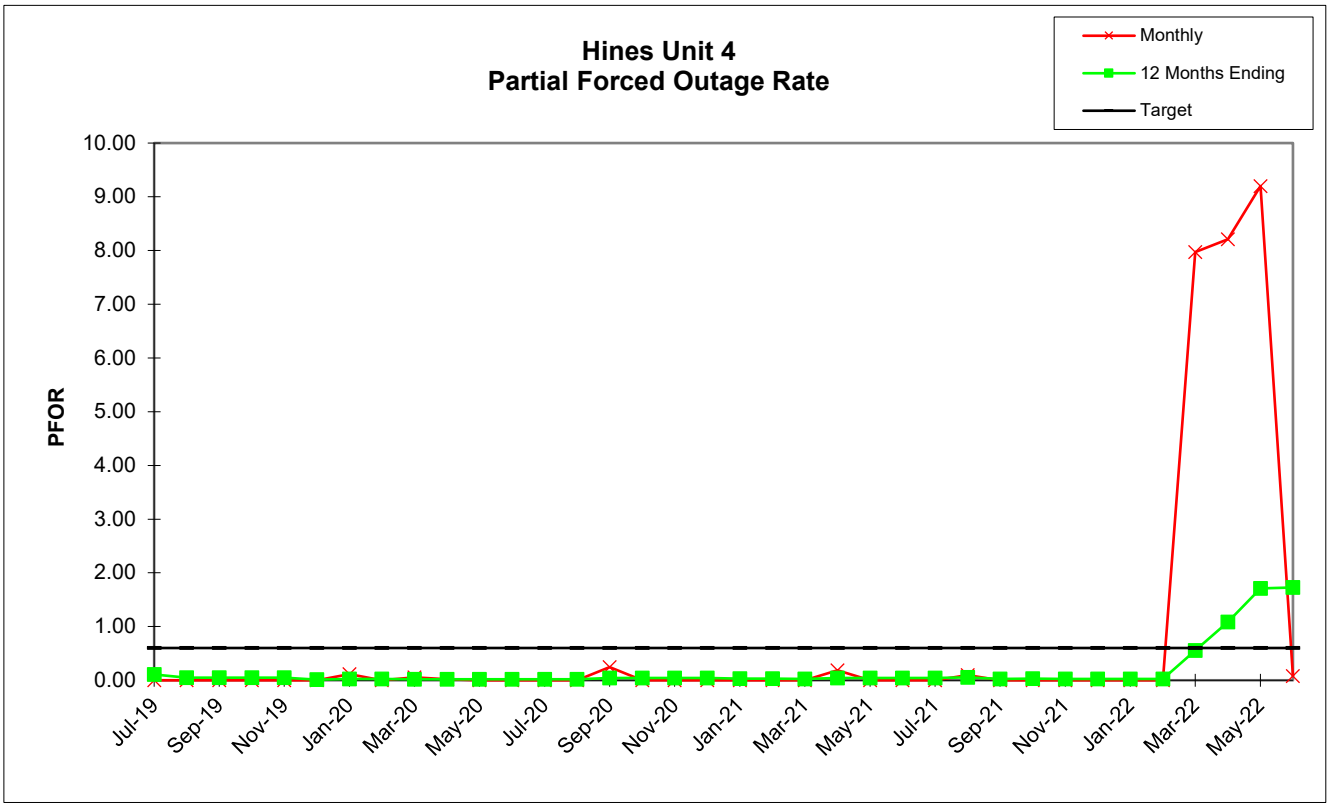
Jan-22
Mar-22
May-22


Hines Unit 4
Maintenance Outage Rate
Monthly
12 Months Ending
Target
MOR
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
Jul-20
Sep-20
Nov-20
Jan-21
Mar-21
May-21
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22


Hines Unit 4
Partial Forced Outage Rate
Monthly
12 Months Ending
Target
PFOR
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
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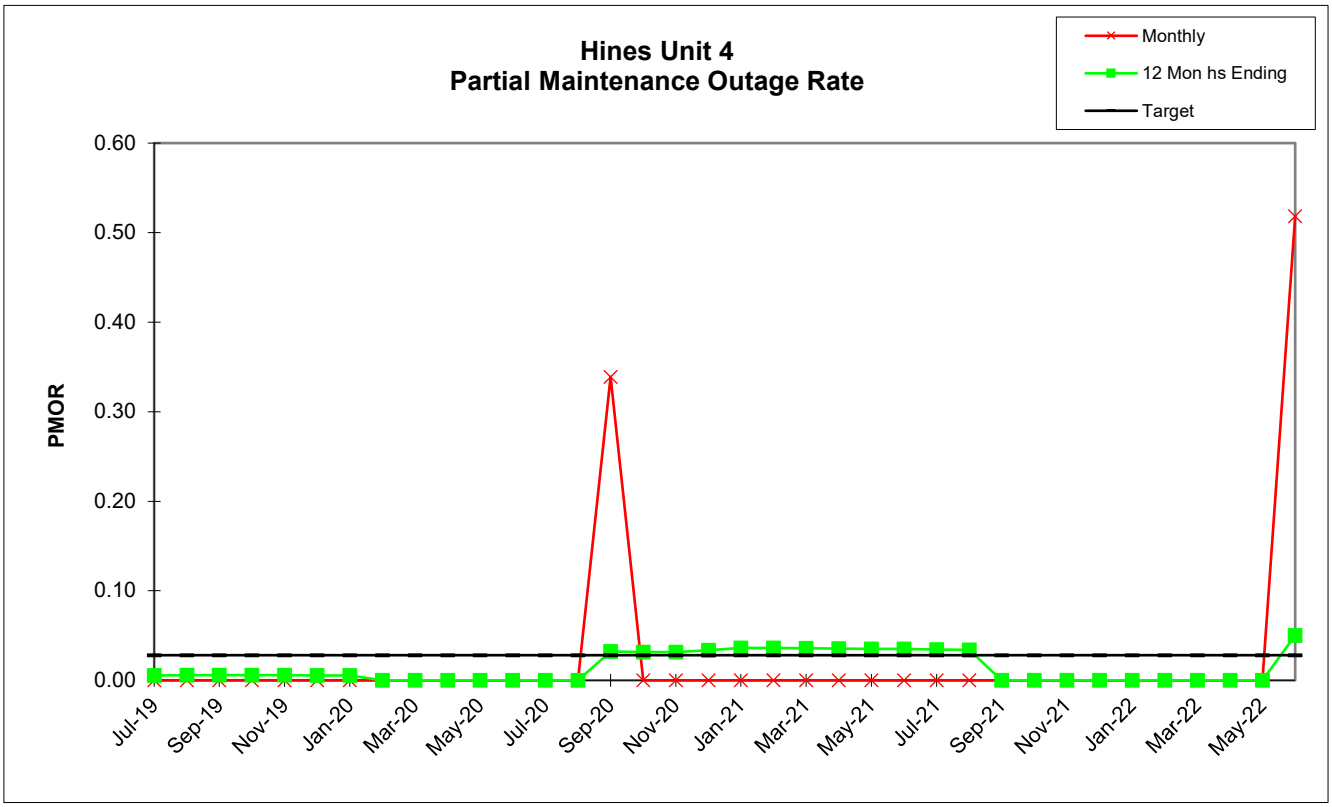
Jan-22
Mar-22
May-22


Hines Unit 4
Partial Maintenance Outage Rate
Monthly
12 Mon hs Ending
Target
PMOR
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
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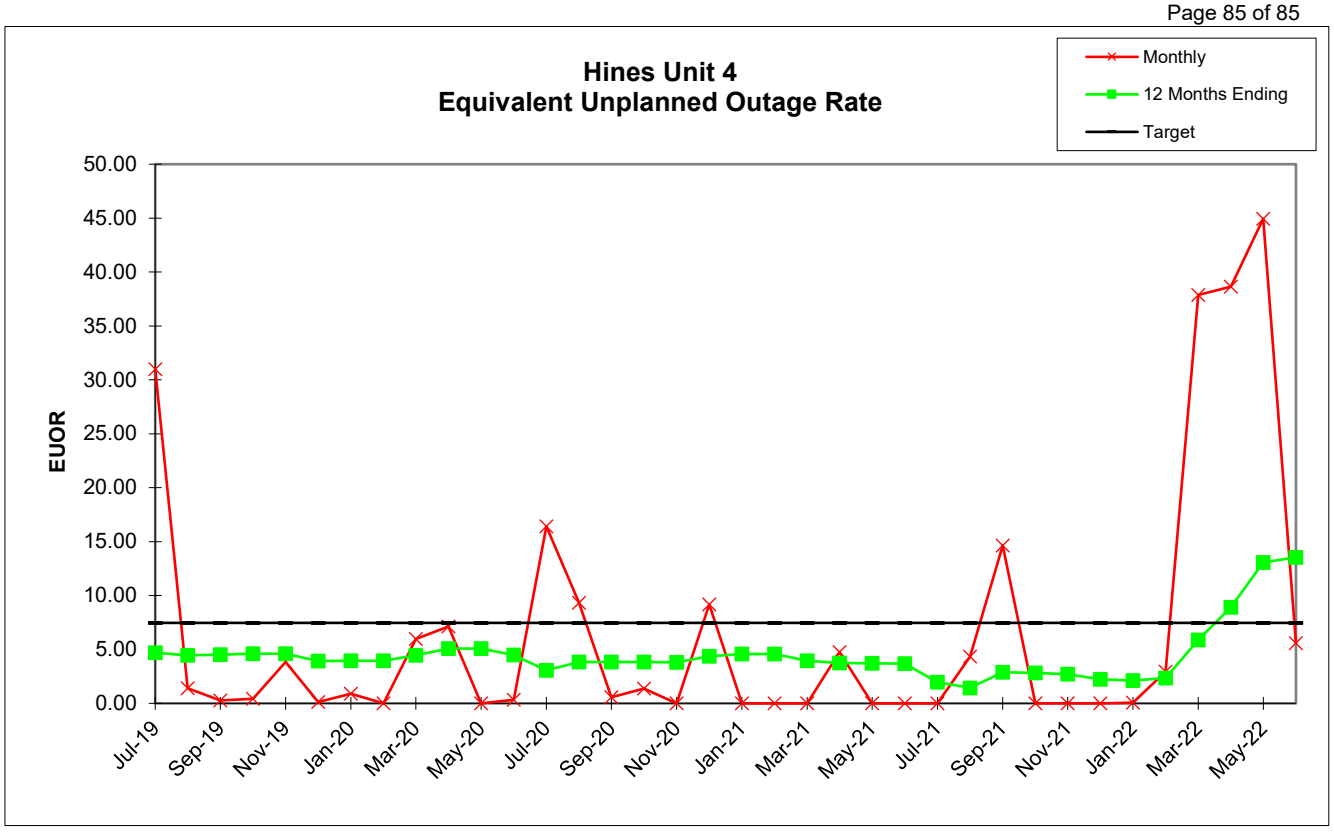
Jan-22
Mar-22
May-22


Hines Unit 4
Equivalent Unplanned Outage Rate
Monthly
12 Months Ending
Target
EUOR
50.00
45.00
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
Mar-20
May-20
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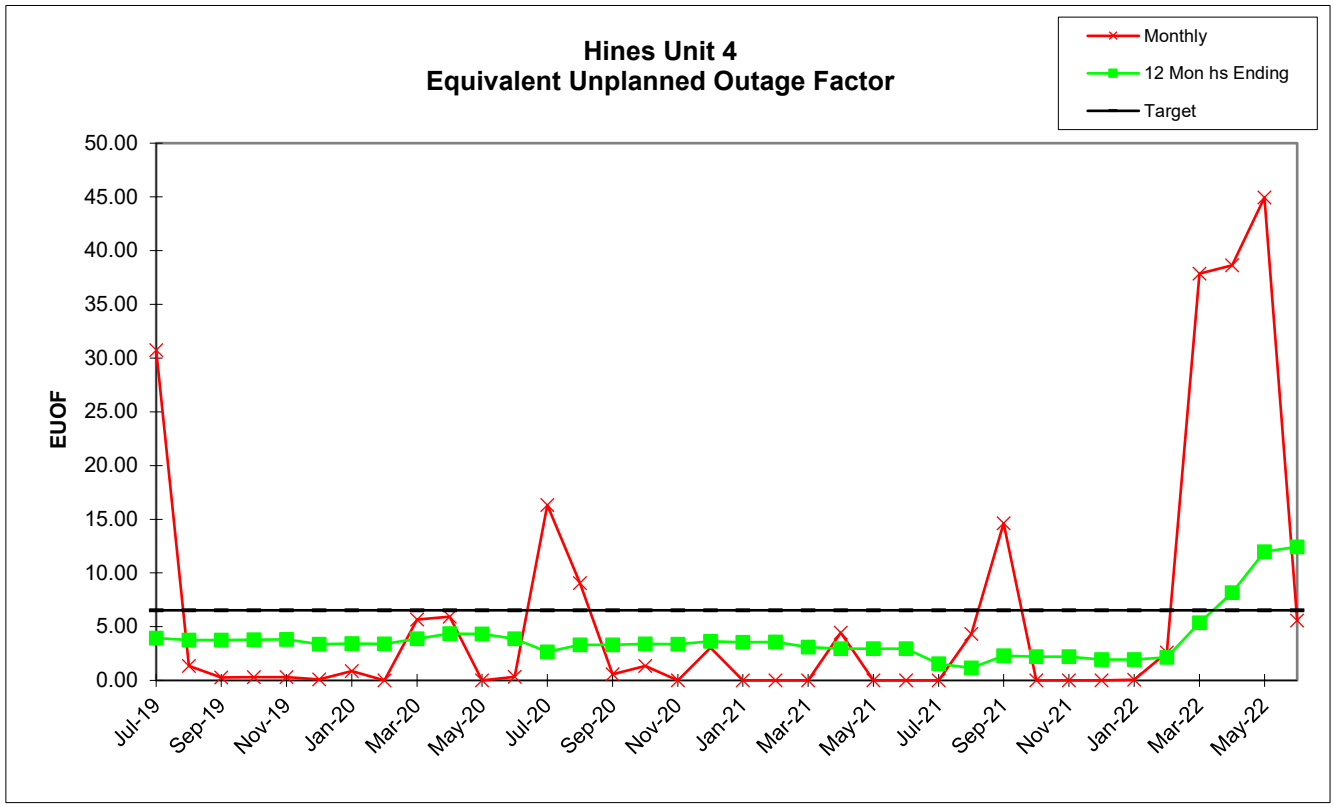
May-22


Hines Unit 4
Equivalent Unplanned Outage Factor
Monthly
12 Mon hs Ending
Target
EUOF
50.00
45.00
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-19
Sep-19
Nov-19
Jan-20
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Nov-20
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Mar-21
May-21
Jul-21
Sep-21
Nov-21
Jan-22
Mar-22
May-22

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 10
PARTY: AS-1
DESCRIPTION: Root Cause Analysis Confidential DN. 02277-2022

Duke Energy Florida, LLC
Docket No. 20220001
Witness: Salvarezza
Exhibit No. ___(AS-1)

REDACTED
Pages 1 through 26
are confidential in their entirety.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 11
PARTY: AS-2
DESCRIPTION: Product Bulletin PB-08-5038-GN-EN-01 Confidential DN. 02277-2022

Duke Energy Florida, LLC
Docket No. 20220001
Witness: Salvarezza
Exhibit No. ___(AS-2)

REDACTED
Pages 1 through 6
are confidential in their entirety.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 12
PARTY: AS-3
DESCRIPTION: Product Bulletin PB3-13-0008-GN-EN-01 Confidential DN. 02277-2022

Duke Energy Florida, LLC
Docket No. 20220001
Witness: Salvarezza
Exhibit No. ___(AS-3)

REDACTED
Pages 1 through 6
are confidential in their entirety.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 13
PARTY: JM-1P
DESCRIPTION: Hedging Testimony 2023 Risk Management Plan Confidential DN. 05041-2022

REDACTED

Duke Energy Florida, LLC
Risk Management Plan for
Fuel Procurement and Wholesale Power Purchases
For 2023

Duke Energy Florida, LLC (DEF) is submitting its 2023 Risk Management Plan (Plan) for review by the Florida Public Service Commission (FPSC). The Plan includes the required items as outlined in Attachment A of Order No. PSC-02-1484-FOF-EI and specifically items 1 through 9, and items 13 through 15 as set forth in Exhibit TFB-4 to the prefiled testimony of Todd F. Bohrmann in Docket No. 011605-EI and further clarified in Order No. PSC-08-0667-PAA-EI of Docket No. 080001-EI.

Several groups play key roles in the management, monitoring, and execution of the activities outlined in DEF's Plan. These groups include Fuels and System Optimization (FSO), the Regulated Risk Management and Credit Risk Management teams within Global Risk Management & Insurance (GRMI), Regulated Accounting, Internal Audit, Legal, and Information Technology. The activities supported by these groups include, subject to reliability constraints, procuring competitively priced fuel, performing active asset optimization and portfolio management, executing DEF's approved hedging strategy, monitoring and reporting against established oversight limits for credit and margin limits, performing credit evaluations and monitoring credit limits and credit exposure, performing deal validation, volume actualization, preparing and reviewing transactions and contracts, preparing journal entries to account for fuel and power related activities, performing billing and payments under the various fuel and purchased power contracts, performing audits, and maintaining and supporting needed systems to capture, track, and account for these activities.

Based on the Summer 2022 Fuels and Operations Forecast (FOF), DEF's estimated fuel consumption and economy power transactions projections for 2023 are as follows:

Coal

Based on current projections, DEF forecasts to burn approximately [redacted] tons of coal in 2023. DEF's forecasted coal requirements for 2023 will primarily be purchased under term coal supply agreements. Currently the coal supply will be delivered to DEF's plants via barge and rail transportation agreements as needed. Spot purchases will be made as needed to supplement the term purchases.

Light Oil
Based on current projections, DEF forecasts to burn approximately [redacted] barrels of light oil in 2023. DEF's forecasted light fuel oil requirements for 2023 are expected to be purchased primarily under term supply enabling agreements with volume flexibility at indexed market prices. Spot market purchases will be made as needed to supplement term purchases.

Natural Gas
Based on current projections, DEF forecasts to burn approximately [redacted] of natural gas in 2023, comprised of approximately [redacted] at DEF's generating plants and [redacted] at gas-tolling purchased power facilities where DEF has the responsibility to provide the natural gas. DEF's forecasted natural gas requirements for 2023 are expected to be purchased primarily under term supply agreements based on market index pricing, with supplemental seasonal, monthly, and daily purchases of natural gas being made as needed.

Economy Power Purchases and Sales
Based on current projections, DEF forecasts to purchase approximately [redacted] of economy power and sell approximately [redacted] of economy power in 2023. DEF actively seeks to purchase and sell economy power as opportunities arise based on market prices, dispatch costs, and available transmission capacity.

Item 1. Identify the company's overall quantitative and qualitative Risk Management Plan Objectives.

DEF's identified Plan Objectives are, to ensure an adequate fuel supply, and subject to reliability constraints to effectively manage its overall fuel and purchased power costs for its customers by engaging in competitive fuel procurement practices and activities, performing active asset optimization and portfolio management activities, and continuing to execute the Company's hedging program to reduce price risk and volatility, and provide greater fuel cost certainty for DEF's customers. These items are discussed further in Item 8.

Item 2. Identify the minimum quantity of fuel to be hedged and the activities to be executed for 2023.

DEF utilizes a phased hedging program where financial hedge transactions are executed over time for a percentage of the Company's forecasted natural gas burns with the objectives of reducing price risk and volatility and providing greater fuel cost certainty for DEF's customers. The financial hedging program

outlined in this Plan includes executing approved financial agreements over time for natural gas exposures. Natural gas hedging activity represents the largest component of DEF's hedging program as natural gas represents the largest fuel cost component of DEF's overall generation fuel costs.

The volumes hedged over time for natural gas represent a portion of DEF's forecasted burns with higher hedging target ranges in the near term and lower hedging target ranges in the outer period. Forecasted burns are utilized because hedges must be executed before a given month begins. The hedge percentage target ranges outlined provide a framework for consistently executing a layered hedging strategy over time. DEF cannot predict future prices and DEF's hedging program does not involve speculation or trying to "out-guess" the market. DEF currently utilizes fixed price financial instruments including fixed price swaps and cost-less collar options to hedge its price exposure to the natural gas market. All hedges are executed at the prevailing market price for any given period that exists at the time the financial hedging transactions are executed. The results of the hedging activities may or may not result in net fuel cost savings due to differences between the monthly settlement prices and the actual hedge price of the transactions that were executed over time. The volumes hedged over time are based on periodic updated fuel forecasts and the actual hedge percentages for any month, rolling period, or calendar annual period may come in higher or lower than the target hedge percentages and hedging ranges because of actual gas volumes burned versus forecasted gas volumes to be burned. Actual burns can deviate from forecasted burns because of dynamic variables such as weather, unforeseen unit outages, actual load, and changing fuel prices. DEF's multi-year rolling approach to executing fixed price transactions over time provides a reasonable and prudent approach to mitigate price volatility in uncertain fuel markets. This strategy also allows DEF more flexibility to adjust hedging volumes to accommodate changes in its forecasted natural gas consumption that will occur as market conditions change.

Outlined below is the minimum and maximum percentage ranges to be hedged during 2023:

<u>Natural Gas</u>
Natural gas represents DEF's largest fuel cost component and represents the largest component of DEF's hedging activities. DEF plans to execute its phased financial hedging program over a rolling 36-month time period through time for natural gas during 2023 within the following hedge percentage ranges:

- 1 to 12 months – [redacted]
- 13 to 24 months – [redacted]
- 25 to 36 months – [redacted]

Since DEF is starting its hedging program in 2023 without existing hedges in place and as the hedging program begins to mature it will take DEF all of 2023, 2024 and into the first half of 2025 to execute the layered hedging strategy and reach the minimum levels outlined above.

The 2023 Risk Management Plan was developed after consideration regarding the hedge percentages, DEF's overall fuel mix, the continued uncertainty in future natural gas prices and volatility, and the need to maintain a balanced approach to the management of fuel cost risk. DEF believes having a rolling approach that gradually increases hedging percentages over time by layering in hedging transactions represents a balanced fuel price risk management approach that results in greater certainty of fuel costs for a portion of projected fuel costs while providing customers a percentage of exposure to actual market prices. In addition, DEF believes continuing to hedge a portion for the rolling future periods beyond the front 12 months by gradually increasing hedging percentages over time by executing transactions provides benefits by ensuring a consistent execution approach over a multi-year period given the number of factors that can ultimately impact prices and trends. In addition, this approach ensures a degree of price and volatility risk mitigation from one fuel period to another. Given DEF's hedging percentage targets, DEF will continue to participate in the spot natural gas market for a portion of its overall estimated natural gas usage.

Summary

During 2023, DEF will continue to monitor its fuel forecast and will execute hedges over time to attempt to manage to the hedge percentage ranges outlined for a portion of its projected burns for natural gas, with the exceptions discussed above. This hedging approach is consistent with DEF's strategy and allows DEF to continue to monitor the market and fuel forecast updates. The hedging targets for each of the respective periods are included in DEF's Regulated Electric Risk Limits in **Attachment A.**

Item 3. Identify and quantify each risk, general and specific, that the utility may encounter with its fuel procurement.

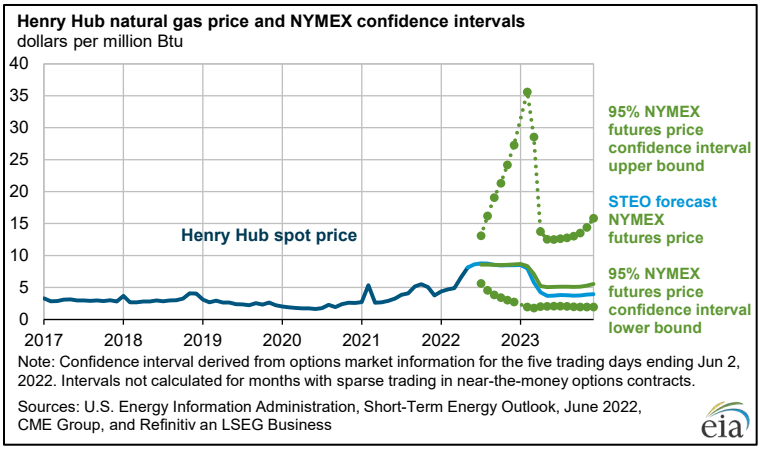
DEF has identified specific and general risks associated with the procurement of fuels and power optimization activities. The specific risks include fuel price risk, supplier performance and default risk, credit risk, liquidity risk, Dodd-Frank compliance, product availability risk, and changes in forecasted volumes. The general risks include weather related events such as hurricanes, extreme weather variations from forecast, forced plant outages, business continuity, and changes in environmental rules and regulations. Described below is further

information on these general risks, and DEF's activities to manage overall exposure to these risks including the processes that DEF has in place to monitor and quantify risks.

Fuel Price Risk

Commodity prices are constantly changing and as a result by definition contain volatility. DEF's customers are exposed to the risk of fuel price movements over time which could result in variability in projected and actual fuel costs. As noted in Item 2 above, natural gas makes up the largest component of DEF's overall fuel costs and hedging activities. Natural gas, the physical fuel, is procured under bilaterally negotiated industry contracts that are based on published market index pricing that exists during the time period the fuel is delivered. The published market index prices paid by DEF for natural gas will fluctuate with changes in market prices until the respective first of the month market index or daily published market index price settles and the product is delivered. As a result of fuel cost risks and volatility, DEF has implemented an approved financial hedging plan to reduce the risk of future price movements for a percentage of its fuel exposure for natural gas by executing financial hedging transactions over time that lock in prices. By definition, fixed prices are no longer subject to future price movement and as a result volatility and fuel cost risks are reduced. With respect to coal, DEF executes physical supply agreements to fix and/or collar the price of the underlying coal but is exposed to fuel surcharges in the transportation agreements. Absent hedging as defined by Order No. PSC-02-1484-FOF-EI (i.e. the Hedging Order), Order No. PSC-08-0667-PAA-EI (i.e. Clarifying Hedging Order), and fixed price coal supply contracts, the projected fuel costs for coal and natural gas could vary significantly due to changing market prices over time.

With respect to quantifying the potential statistical range of natural gas prices within a 95% confidence interval of natural gas prices for 2023, DEF is providing information from the US Energy Information Administration (EIA) June 2022 Short-Term Energy Outlook. EIA is forecasting Henry Hub spot prices to average $4.74/MMBtu in 2023 with a lower and upper limit with a 95% confidence interval of $1.98/MMBtu and $16.82/MMBtu.



Neither DEF nor any forecaster can predict with certainty where actual prices and volatility will be in the future and DEF's fuel hedging practices are not intended to "out-guess" the market. This information above regarding projected natural gas prices and ranges is being provided because fuel costs are impacted by changing and uncertain fuel prices and volatility over time.

DEF will manage and reduce fuel price risk and volatility for a portion of its forecasted natural gas by utilizing financial transactions over time as outlined above for natural gas. In addition, DEF enters into coal supply physical agreements to fix the price of the underlying commodity. As a result of these actions, DEF reduces its overall risk to changing prices in projected fuel costs for its customers over time.

With respect to monitoring and quantifying fuel price risk, the company's Risk Management function independently monitors and reports on the financial hedging activities and the percentage of projected fuel burns that have been procured as compared to the established procurement ranges and targets for each respective product and period. In addition, the Company performs multiple periodic fuel and purchased power cost forecast updates each year, which incorporate any updates needed for hedge positions, fuel and emission prices, unit maintenance schedules, load forecasts, and other operating parameters. The updated fuel and purchased power forecasts are point in time estimates and are summarized and published to ensure there is a regular review of projected fuel and purchased power costs. In addition, the Company performs standard statistical stress tests and portfolio analyses on an as needed basis.

Supplier Performance and Default Risk

Supplier performance and default risk represents the risk of additional cost and/or supply loss that DEF could incur if a supplier defaults on a physical or financial obligation and is not able to fulfill the terms of an agreement. The

estimated aggregate dollar amount of supplier performance and default risk for the portfolio is based on the volume, duration, and price of the agreements as compared to the current estimated market value of the agreements.

DEF reduces supplier performance risk by engaging in business with a number of credit-approved suppliers, executing agreements within contract approval limits and applicable credit limits, monitoring delivery performance of suppliers, and, if possible, incorporating contractual provisions that allow for non-performance remedies in the case of default. In addition, if a supplier defaults, DEF also maintains off-site inventories for natural gas, coal and fuel oil and on-site inventories for coal and fuel oil. For activities associated with hedging under financial agreements, the Credit function within Risk Management monitors all open positions and reviews the estimated exposure for each third-party company to ensure that DEF maintains the appropriate collateral balances as compared to contractual thresholds established.

With respect to monitoring and quantifying the level of supplier performance and default risk in fuel agreements, the Credit function within Risk Management reviews the financial strength of suppliers, sets credit limits for sales transactions, and approves long term purchase transactions under RFPs for physical fuel agreements. The Credit Risk Management team also monitors the creditworthiness of financial counterparties and establishes and monitors exposure limits for financial hedging. Exposure is based on amounts due or owed between the counterparties as well as current estimated market value of the agreements considering the contractual volumes, duration, and prices for the transactions with each counterparty.

Credit Risk

Counterparty credit exposure is calculated and reported on a daily basis utilizing industry-standard valuation practices. The Credit function monitors exposure for each third-party company and the credit quality of the third-party companies to ensure that the appropriate level of collateral is posted or received as compared to contractually established thresholds. To date, DEF has not experienced any credit losses with respect to its hedging program activities.

With respect to financial transactions, prior to executing any financial transaction with a third-party company, DEF and the third-party company must have an ISDA Master Agreement (ISDA) in place. The ISDA Master Agreement is a standard industry contract published by the International Swaps and Derivatives Association that is used by industry participants to enter into Over the Counter bilateral transactions (OTC transactions). All ISDA agreements are negotiated by the Legal group and reviewed as needed with Credit, FSO, and Accounting to ensure the appropriate terms and conditions

are included. As part of the process of setting up a new financial agreement, a credit evaluation is performed on the third-party company by the Credit function. Credit rating agencies establish credit ratings for companies based on methodologies that consider many factors including both qualitative factors and quantitative metrics. Among these are company size, industry characteristics and trends, profitability, liquidity, cash flow, interest coverage, and capital structure. DEF's counterparty evaluation methodology considers third-party credit ratings when available as well as an internal evaluation. The credit rating process includes obtaining counterparty background and financial information, researching available third-party ratings, and performing a financial statement analysis. The financial statement analysis includes balance sheet metrics such as percentage of debt to total capitalization, and net worth as well as income statement metrics such as net income and earnings before interest, taxes, and depreciation ("EBITDA"), coverage ratios such as interest coverage and debt to EBITDA, and cash flow metrics such as operating cash flows and/or funds from operations. If the counterparty is a bank, Tier I and Total Capital Ratios are also typically included. The Credit Risk function uses the credit evaluation to determine the credit limit and duration of financial hedging transactions that DEF can enter into with the counterparty.

On a daily basis the Credit Risk function monitors reports of any required collateral calls or returns and sends collateral calls and/or return requests to counterparties as needed. In addition, with respect to agreements that require the posting of margin based on established contractual thresholds, the company may be required to post collateral to the counterparty to maintain their exposures to DEF within established contractual thresholds. The Credit Risk function responds to any such collateral calls from counterparties and posts required collateral (see Liquidity Risk).

Liquidity Risk

Liquidity risk represents the risk that DEF could not meet the collateral requirements generated from physical agreements and financial agreements. As discussed above, DEF currently manages natural gas price risk and volatility for a portion of its forecasted fuel costs through the use of financial hedging agreements. To manage default risk, agreements contain provisions that require the posting of collateral if exposure as defined above exceeds the contractual thresholds established for each counterparty in the agreements.

DEF manages and reduces liquidity risk by conducting business with a number of counterparties to maximize the collateral threshold levels in individual agreements. For activities associated with hedging under financial agreements, the Credit function within Risk Management monitors all open positions and reviews the estimated market exposure for each third-party company on a daily basis to ensure that DEF only posts the appropriate

collateral balances as compared to contractual thresholds.

Dodd-Frank Compliance

DEF continues to monitor and comply with the Dodd-Frank Wall Street Reform and Consumer Protection Act and the Commodity Futures Trading Commission's rules that implement the Dodd-Frank Act (collectively, the "Dodd-Frank Act").

The Dodd-Frank Act provides for the comprehensive regulation of swaps and security-based swaps, applying in respects to all "swaps" (as defined by the Dodd-Frank Act), including the bilateral and over-the-counter (OTC) derivatives markets, as well as swaps and options embedded in physical forward transactions.

The Dodd-Frank Act also has rules and requirements for record keeping and reporting. Every party to a swap must keep records over certain periods of the transaction. DEF is maintaining records in accordance with the requirements of the CFTC regulations. As an end-user, DEF can shift, and does shift, the reporting obligation to swap counter parties.

As noted above, DEF continues to comply with the requirements of the Dodd-Frank Act, as well as monitor any rule making.

Product Availability and Changes in Forecasted Volumes

DEF must have access to needed physical fuel supplies, adequate product delivery capabilities and inventory to meet projected fuel requirements. Without access to needed fuel supply and inventory, DEF is exposed to the risk of not being able to economically and reliably dispatch the generation fleet for its customers.

DEF manages and reduces this risk by entering into physical supply contracts, as well as needed pipeline, railroad, barge and trucking agreements for the purchase and delivery of coal, natural gas, and fuel oil that provide the ability to meet projected burns. In addition, DEF maintains on-site inventory for coal and fuel oil to provide fuel supplies to support on-going operations and ensure supplies are available if unexpected delivery delays, storm curtailments, or other events that could affect fuel supply availability occur. DEF also holds off-site coal and fuel oil inventory and off-site onshore high deliverability natural gas storage capacity that provides additional access for a portion of its current generation natural gas needs when natural gas supplies are curtailed. In addition, DEF currently has firm transportation on Gulfstream Natural Gas, Florida Gas Transmission (FGT), Sabal Trail Transmission and Southern Natural Gas (Sonat) and has access to onshore gas supplies via contractual volumes delivered on Southeast Supply Header, the Transco Mobile Bay South

Lateral and an agreement for supply from Elba Island LNG into FGT via the Sonat-Cypress lateral to meet its current generation needs. DEF actively monitors forecasted fuel burns, actual fuel burns, and fuel inventory levels. Based on its on-going monitoring efforts DEF may make procurement adjustments to manage any changes to the forecasted volume and delivery timing of contracted supplies because of actual burns, changes to forecasted fuel burns, and inventory levels that can be caused by factors such as weather deviations, fuel prices, plant outages, and purchased power opportunities.

With respect to monitoring and quantifying the level of risk associated with ensuring adequate fuel supply, Risk Management independently monitors and reports on the amount of fuel procured versus projected burns. In addition, the front office performs analyses that quantify the amount of fuel and transportation needed to support projected burns and inventory needs. Lastly, the Company performs periodic forecast for fuel burns and purchased power and produces summary reports for review and monitoring of projected fuel burns.

General Risk

DEF is subject to weather events and hurricanes. As detailed above, DEF reduces the overall risks associated with weather events and other potential fuel delivery curtailments and delays by maintaining on-site inventories, off-site inventories and continuing to diversify its natural gas supply to more secure onshore locations as the Company's overall gas generation has grown. DEF is also subject to events that could require FSO employees to perform required work functions at locations other than their normal work location. With respect to this risk, the FSO Department has business continuity plans in place that are reviewed and tested periodically to ensure that offsite locations are functional. Lastly, DEF is subject to changes in environmental rules and regulations.

Item 4. Describe the company's oversight of its fuel procurement activities.

The Finance and Risk Management Committee (FRMC) of the Board of Directors is primarily responsible for the oversight of financial risk and enterprise risk at Duke Energy. The Finance and Risk Management Committee reviews the financial exposure of Duke Energy, as well as mitigation strategies, reviews Duke Energy's enterprise risk exposures, and provides oversight for the process to assess and manage enterprise risk. The Company's Senior Management, defined as the Chief Executive Officer (CEO) and his/her direct reports, provides guidance for the oversight of Duke Energy's financial risks. The Chief Risk Officer (CRO) updates the FRMC of any material risks and risk management activities of the enterprise at periodic committee meetings. The

Transaction and Risk Committee (TRC) is responsible for oversight of the Corporation's Risk Management activities. The TRC is comprised of senior executives from varying functional areas. The CRO is responsible for annually reviewing the corporate Commodity Risk Policy and Corporate Credit Policy, and the TRC is responsible for approving substantive changes to the policies. The CRO reviews corporate risks, related mitigation decisions including fuel hedging, and procurement activities. The TRC reviews transactions that exceed individual senior management committee approval authorities. Senior management committee approval authorities are outlined in the Company's Approval of Business Transaction policy (ABT). In addition, the Company maintains a risk management control manual, together with specific risk and credit limits that apply to the activities of DEF. These policies, processes, and limits are reviewed at least annually by the Front Office and Risk Management and are approved by CRO or the Chief Financial Officer (CFO) as required.

DEF has included the Regulated Electric Risk Management Control Manual, the Duke Energy Commodity Risk Policy, the Duke Energy Credit Policy, the DEF Regulated Electric Risk Limits and the DEF Regulated Utilities Credit Limits as **Attachments G, C, D, A, and E,** respectively.

With respect to day-to-day independent oversight and controls in place to oversee FSO's activities, the company uses the "three-office" structure which includes FSO and Energy Supply Analytics (Front Office), Risk Management (Middle Office), and Regulated Accounting (Back Office) to provide the necessary independent oversight and monitoring of its fuel procurement, power optimization, and hedging activities.

The "three-office" structure is an accepted industry practice with the Front Office, Middle Office, and Back Office each functioning as independent departments, which ensures the required segregation of duties and the existence of independent oversight and controls over key activities. In addition, the Legal organization provides critical contractual support to ensure that the Front Office contracts are reviewed with FSO and contain legal provisions that reduce risks that could affect the Company. The IT Enterprise Application Solution Support organization provides on-going support related to trading system operations and functioning. Treasury and Disbursement Services provide appropriate support when disbursing funds to counterparties via checks, wires, or automated clearinghouse payments. These support organizations are independent from the Front Office.

<u>Front Office</u>

DEF has a structured procurement process where Requests for Proposals are issued periodically to procure needed competitive fuel supply. As noted above, the fuel procurement contracting, and settlement activity is supported by the

Legal and Regulated Accounting function. Front Office management is responsible for ensuring employees are authorized before they are allowed to trade commodities on the Company's behalf. In addition, there is a corporate Energy Supply Bulk Power Marketing & Trading Delegation of Authorities as well as a corporate Approval of Business Transactions Delegation of Authorities, which provides the required approvals for fuel related procurement activity based on estimated costs and duration of fuel related contracts. Front Office management is also responsible for ensuring that employees who trade commodities on the Company's behalf attend required periodic training conducted by Risk Management and Regulatory Compliance. DEF has included the Duke Energy Commodity Risk Policy, Duke Energy Credit Policy, DEF Regulated Electric Risk Limits and DEF Regulated Utilities Credit Limits in **Attachments C, D, A, and E,** respectively. In addition, DEF has included the Duke Energy Supply Bulk Power Marketing & Trading Delegation of Authorities, the Duke Energy Commodities Approval Matrix from the ABT and the Risk Management Employee Acknowledgement as **Attachments F, B, and H,** respectively.

Middle Office

Risk Management monitors Front Office activity by quantifying, monitoring, and reporting risks associated with fuel procurement, power optimization, and hedging activities. Risk Management is accountable to the enterprise for independent oversight, measurement and reporting of Front Office activities to management. Risk Management monitors and reports on Front Office activities and will report immediately any non-compliance as required within the reporting and control limit structures as defined by the Risk Management Guidelines. Lastly, Risk Management publishes credit limit and exposure reports to ensure that counterparty credit limits are monitored and adhered to and administers margin activity as required under agreements with counterparties to reduce credit and default risk.

Regulated Accounting

Accounting is also independent from Front Office and performs control functions on a daily, weekly or monthly basis which include, among other things, deal validation, transaction confirmations, close accounting, general ledger balance sheet account reconciliations, settlements/cash transfers, processing payments/receipts, accounting for hedging activities and derivatives, and performing certain compliance activities as defined and/or required by various regulatory agencies (e.g. Securities and Exchange Commission, Financial Accounting Standards Board, Federal Energy Regulatory Commission, Public Service Commission). Related to accounting for hedging activities and derivatives, Duke Energy's Derivatives policy is followed. This policy is reviewed and updated as necessary and at least annually.

Item 5. Verify that the utility provides its fuel procurement activities with independent and unavoidable oversight.

As described in Item 4, the Company has a robust independent oversight culture and organizational design with processes in place to ensure the identification, monitoring, and reporting of risks accompanying independent controls for monitoring and reporting on fuel procurement, power optimization, and hedging activities. The key components of the oversight functions and processes are further described below.

The Finance and Risk Management Committee of the Board of Directors
The FRMC is primarily responsible for the oversight of financial risk and enterprise risk at Duke Energy. This oversight function includes, but is not limited to, review of Duke Energy's risk exposure as related to the overall enterprise portfolio and review of the financial exposures undertaken by the company. Such exposures include market, liquidity, and credit risks related to physical and financial positions in the commodities markets. The Committee is comprised of a minimum of two members of the Board.

Transaction and Risk Committee (TRC)
The TRC is responsible for oversight of the corporation's risk management activities as well as reviewing proposed business transactions and risk management activities that require approval by the President and CEO, the Board of Directors, or a committee of the Board of Directors in accordance with the ABT Policy. The membership of the Committee shall consist of Senior Management Committee members of the Corporation, as designated by the President and CEO, plus the following individuals:

- Chief Risk Officer
- Treasurer

Additional members of executive leadership may be appointed to the Committee by the President and CEO. These appointments should be reviewed by the President and CEO on an annual basis.

Regulated Electric Risk Management (Risk Management)
Duke Energy has an independent Risk Management department that reports to the Chief Risk Officer (CRO). The Risk Management group includes both a credit risk management function and a market risk management function. Risk Management's credit function provides independent credit evaluation of trading and procurement counterparties, performs credit reviews of Duke Energy's suppliers and customers, assists in drafting and reviewing credit language in

various agreements, and monitors and reports on credit exposures. Risk Management's market risk function independently reports on fuel procurement and hedging activities and performs independent analysis as required. Risk Management independently develops the methodologies for measuring and evaluating risk.

Regulated Electric Risk Management Control Manual and Regulated Electric Risk Limits

As part of the overall risk management structure and oversight process at the Company, the Company has a Regulated Electric Risk Management Control Manual, Regulated Electric Risk Limits, and Regulated Utilities Credit Limits. These are reviewed by Front Office and Risk Management and approved by the CRO or the Chief Financial Officer as required.

The Regulated Electric Risk Management Control Manual provides the descriptions of the objectives and operations of the regulated businesses, the overall control environment in which they operate, and the structure and responsibilities of the various groups involved in the control function. DEF's Regulated Electric Risk Limits contain the limits and approved activities for DEF. In aggregate, these documents provide for the oversight and controls, roles and responsibilities, and the approved activities associated with fuel procurement contracts, fuel hedging activities and power activities. Duke Energy's Credit Policy provides the overall objectives and general operating practices for evaluating, measuring, mitigating, and reporting credit risk associated with FSO activities.

Internal Audit

Internal Audit provides independent assurance and consulting services that ensure compliance, effective corporate governance, adherence to established procedures, and operational effectiveness for all major areas of the Company. With respect to FSO activities, Internal Audit performs periodic audits that focus on items such as compliance with established procedures, off-premise activity, payment terms under fuel contracts, and other trading and procurement activities.

Legal and Regulated Accounting

Legal performs contract reviews with the Front Office during drafting and prior to final execution. In addition, Regulated Accounting which includes the Back Office performs, among other things, on a daily, weekly, or monthly basis, deal validation, transaction confirmations, close accounting, general ledger balance sheet account reconciliations, settlements/cash transfers, processing payments/receipts, accounting for hedging activities and derivatives, and compliance activities as defined and required.

Item 6. Describe the utility's corporate risk policy regarding fuel procurement activities.

The Company has a Regulated Electric Risk Management Control Manual, a Commodity Risk Policy, a Credit Policy, and Regulated Electric Risk Limits and Regulated Utilities Credit Limits. In addition, the Company has the Duke Energy Supply Bulk Power Marketing & Trading Delegation of Authority, and the Duke Energy Commodities Approval Matrix from the Approval of Business Transactions policy that outline the approval requirements for procurement activities for respective individuals and management levels based on the tenor and estimated dollar amounts of agreement, subject to the requirements of the Approval of Business Transactions policy.

These documents and processes in aggregate outline the expectations, policies, responsibilities, and limits associated with the corporate risk oversight and approved activities for the Company's fuel procurement practices. In addition, as described in detail in item 4, the Company has developed oversight functions and processes that are followed with respect to fuel procurement, power optimization, and hedging activities. DEF has included the Regulated Electric Risk Management Control Manual, Duke Energy Commodity Risk Policy, Duke Energy Credit Policy, the DEF Regulated Electric Risk Limits, the DEF Regulated Utilities Credit Limits, the Duke Energy Supply Bulk Power Marketing & Trading Delegation of Authorities, the Duke Energy Commodities Approval Matrix from the ABT, and the Risk Management Employee Acknowledgement as **Attachments G, C, D, A, E, F, B**, **and H,** respectively. The fuel purchase and related activities are identified under the Duke Energy Supply Bulk Power Marketing & Trading Delegation of Authority, DEF Regulated Electric Risk Limits and the Duke Energy Commodities Approval Matrix from the ABT.

Item 7. Verify that the utility's corporate risk policy clearly delineates individual and group transaction limits and authorizations for all fuel procurement and hedging activities.

DEF has approval requirements, policies, and authorizations in place that outline authorizations for fuel procurement and financial hedging activities. DEF has included DEF's Regulated Electric Risk Limits and corporate Duke Energy Commodity Risk Policy in **Attachments A and C,** respectively. These policies and guidelines outline roles and responsibilities of each group, deal execution processes, and allowed products, as well as control limits such as volumetric, tenor, and liquidity limits and deal validation and valuation processes. Additionally, the Duke Energy Supply Bulk Power Marketing &

Trading Delegation of Authority and the Duke Energy Commodities Approval Matrix from the ABT outline the approval requirements for procurement activities for respective individuals and management levels based on the tenor and estimated dollar amounts of agreement, subject to the requirements of the Approval of Business Transactions policy. The Duke Energy Supply Bulk Power Marketing & Trading Delegation of Authorities, and the Duke Energy Commodities Approval Matrix from the ABT are included in **Attachments F and B,** respectively.

Item 8. <u>Describe the utility's strategy to fulfill its risk management objectives.</u>

As outlined in Item 1, DEF's Plan objectives are to effectively manage its overall fuel and purchased power costs for its customers by engaging in competitive fuel procurement practices and activities, performing active asset optimization and portfolio management activities, and continuing to execute the Company's hedging program to reduce fuel price volatility risk and provide greater cost certainty for DEF's customers. Outlined below is the strategy to fulfill the risk management objectives.

First, the strategy is executed by experienced professionals who conduct and execute their activities to achieve the objectives of the plan.

One of the components of DEF's Plan objectives is to engage in competitive fuel procurement practices. Examples of the strategy executed to fulfill this objective include the issuance of periodic RFP's to solicit competitive term supply bids for coal, natural gas, and fuel oil. In addition, DEF actively manages its day-to-day fuel needs and participates in the short-term marketplace to access competitive supply and work closely with suppliers as needed. With respect to the strategy executed to achieve the objective of performing active asset optimization and portfolio management activities, the Portfolio Management Unit within FSO performs daily forecast to determine optimal unit commitment and dispatch based on generation costs and market prices, and together with the Power Trading Unit within FSO, monitors the hourly cost to dispatch the generation fleet compared to available market opportunities. The Power Trading Unit actively seeks opportunities to execute least cost economic purchases and sales that reduce costs for the customers. Lastly, with respect to the strategy executed to fulfill the objectives of the financial hedging program, DEF by virtue of locking in fixed price for a portion of forecasted usage over time via its financial hedging program, achieves this objective as a portion of DEF's fuel costs are no longer subject to changing price risk and volatility due to changing fuel markets.

Along with the examples noted above, DEF's Plan activities are governed by independent controls and audits, strong processes, appropriate organizational design and oversight, deal approval requirements, and the existence of needed guidelines and procedures. The Company has established controls, guidelines, procedures, and organizations to support and independently monitor fuel procurement, hedging, and power optimization activities. As noted in items 4 and 5, the Company has a robust oversight culture and processes that include oversight by the TRC, periodic audits by Internal Audit, and independent reporting and credit monitoring by Risk Management to ensure adherence to established guidelines and procedures.

Item 9. Verify that the utility has sufficient policies and procedures to implement its strategy.

DEF maintains sufficient guidelines and procedures to implement its strategy. Please see **Attachment I** for a summary listing of the applicable guidelines and procedures.

Item 13. Describe the utilities reporting system for fuel procurement activities.

The Company utilizes multiple systems and applications to track, record, account, and report on executed fuel procurement activities. Descriptions of the primary systems, software, and other tools are provided below.

Fuel burn projections are prepared by the Company using a production cost simulation model called PowerSimm. Fuel and other commodity price forecasts, load forecasts, purchased power, generating unit operating characteristics, maintenance schedules, and other pertinent data are inputs into PowerSimm which then simulates the system and computes a projected fuel burn. PowerSimm utilizes historic weather information to simulate numerous scenarios of future weather and commodity prices. For each of these scenarios, system load and commodity prices (gas, coal, oil, and power) are all calculated in a correlated manner using historical correlations with each other and with weather. The resulting forecasts from PowerSimm gives the Company not only expected fuel burns, but also the range of fuel burns and the probability associated with each range.

CXL is a software application used by the Company to capture natural gas physical procurement transactions as well as financial natural gas transactions. In addition to deal capture, CXL is used for deal valuation, position management, mark-to-market calculations, and settlements. CXL is integrated

with the GasOps which is a natural gas scheduling tool used to match supply and deliveries. Once volumes are updated in GasOps with actual volumes, there is a process that systematically updates the physical deals in CXL.

GasOps is a software application used by the Company to match supply, transport, and deliveries for natural gas purchases, sales, and transport activity and the administration of associated contracts. The system is integrated with CXL as outlined above, which provides for greater efficiency and controls for gas related activities.

Comtrac is a software application used by the Company to capture and track physical procurement activity for coal, reagents, and fuel oil. The system assists with administering contract terms and conditions, maintaining inventory levels, capturing fuel consumption information, and issuing monthly closeout processes, including invoicing, and settlements.

Risk Management utilizes a separate Credit and Market Risk System that is integrated with CXL to monitor and report on fuel procurement transactional activity and counterparty credit exposure.

Front Office, Risk Management, and Accounting utilize other programs such as Business Objects and Excel to summarize, evaluate, and report on fuel procurement transactions and counterparty credit evaluations. In addition, Energy Supply Analytics and Risk Management utilize Matlab, a computer programming language, to model potential forward exposures and run other fuel scenarios as needed by the business units.

Lastly, the Company has agreements with vendors to provide real time pricing feeds to monitor real-time natural gas, fuel oil, and power market prices.

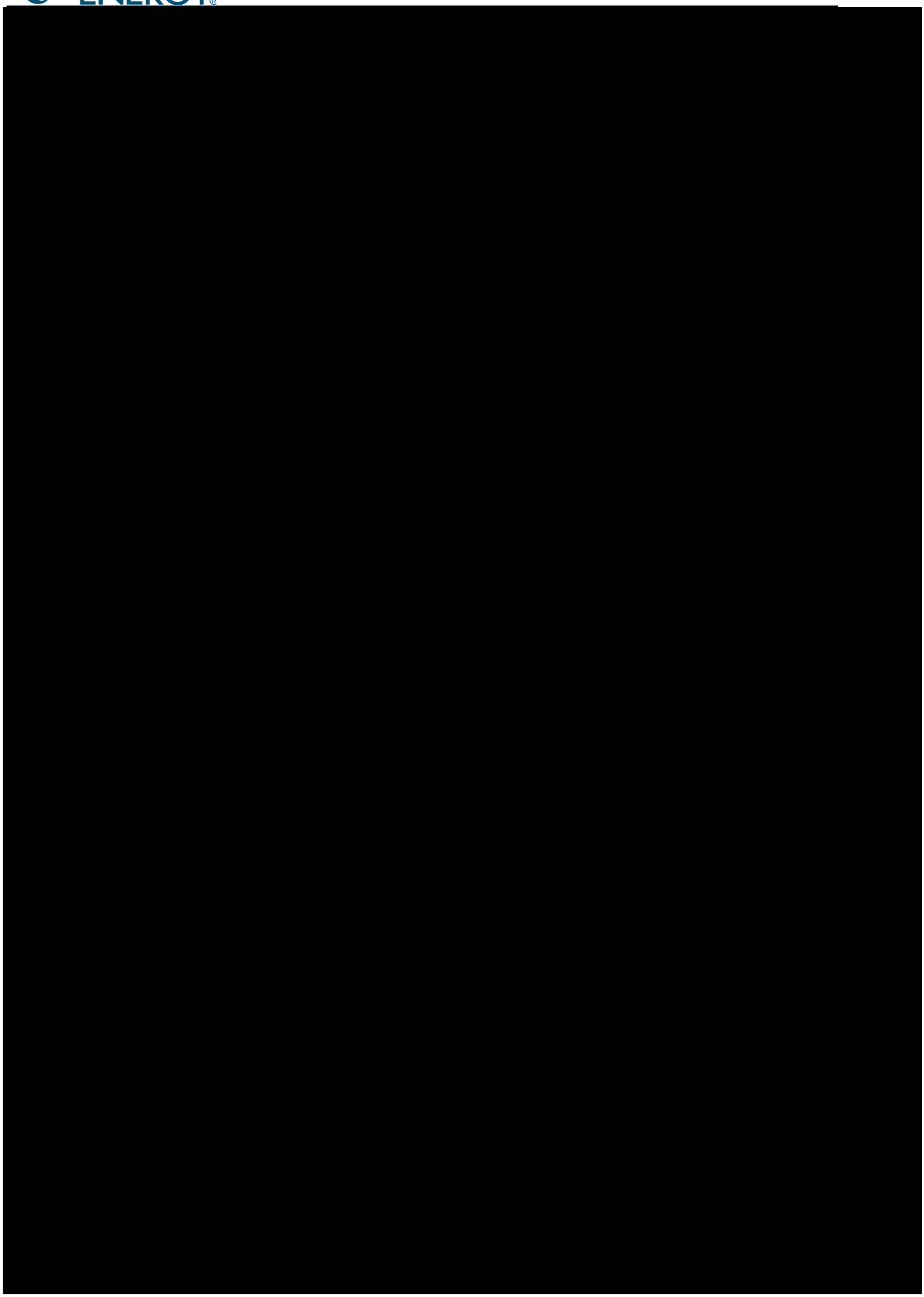
Item 14. <u>Verify the utility's reporting system and other tools consistently and comprehensively identifies, measures and monitors all forms of risk associated with fuel procurement activities.</u>

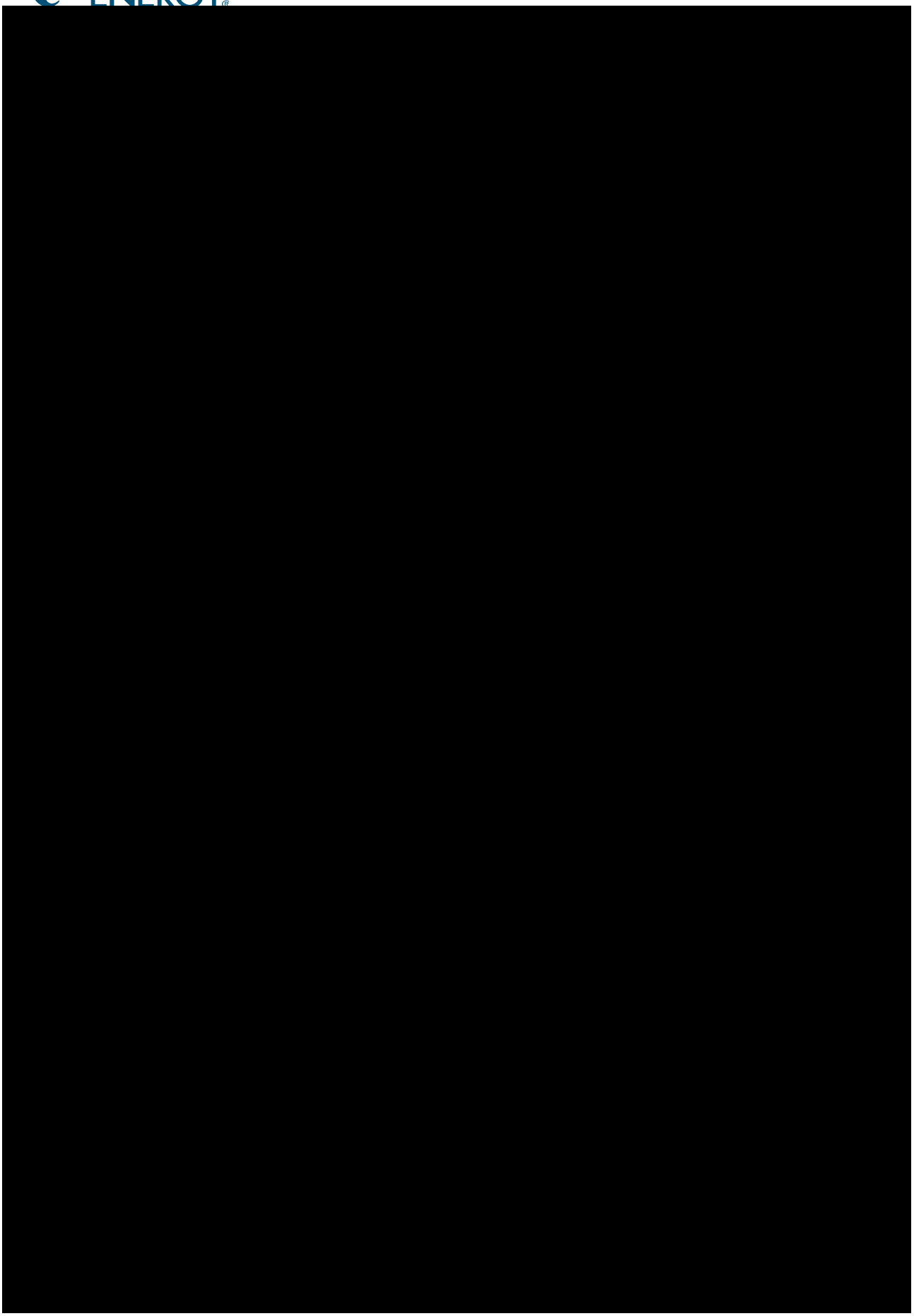
As outlined in the response to item 13, the Company utilizes several applications to ensure procurement and financial hedging activities are captured, measured, monitored, confirmed, accounted for, and reported. The Company uses standard industry reporting templates, valuation techniques and applications. The current applications utilized by the Company provide the necessary functionality for capturing deals, summarizing fuel positions, calculating mark-to-market valuations, calculating credit and collateral exposures, generating confirmations, supporting billing and payment

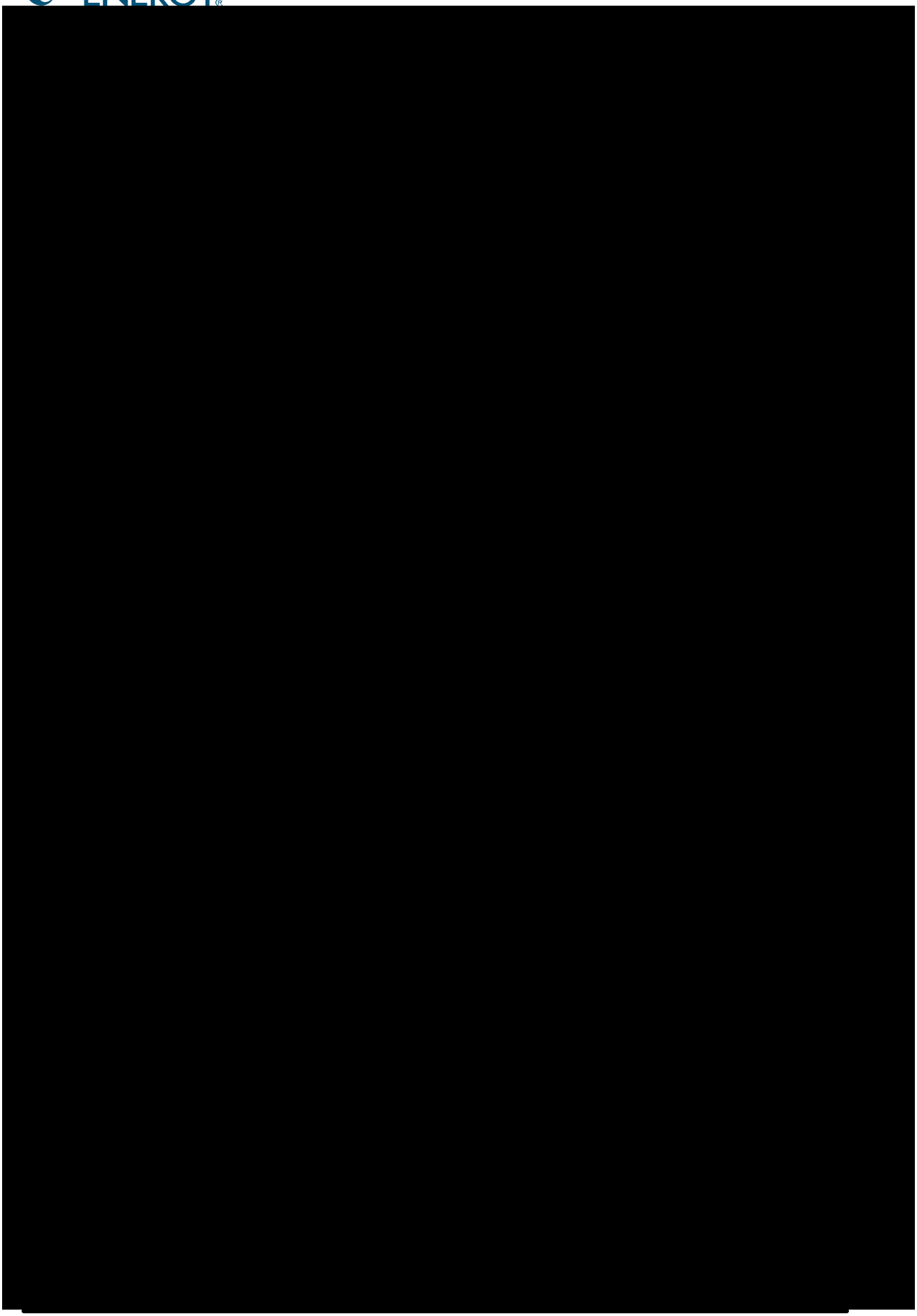
requirements, and maintaining needed historical information such as prices and trade data.

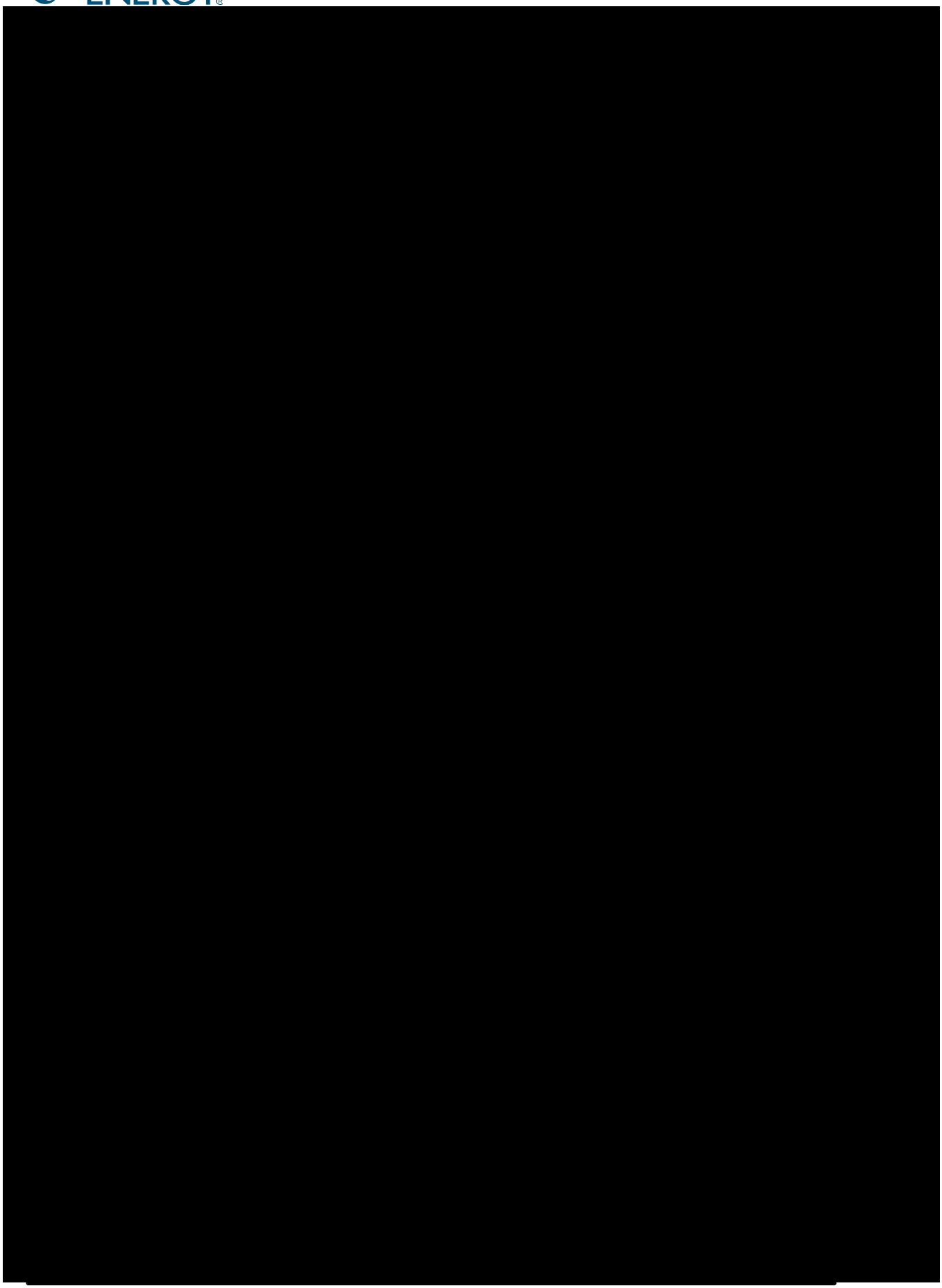
Item 15. **If the utility has current limitations in implementing certain hedging techniques that would provide a net benefit to ratepayers, provide the details of a plan detailing the resources, policies, and procedures for acquiring the ability to use effectively the hedging techniques.**

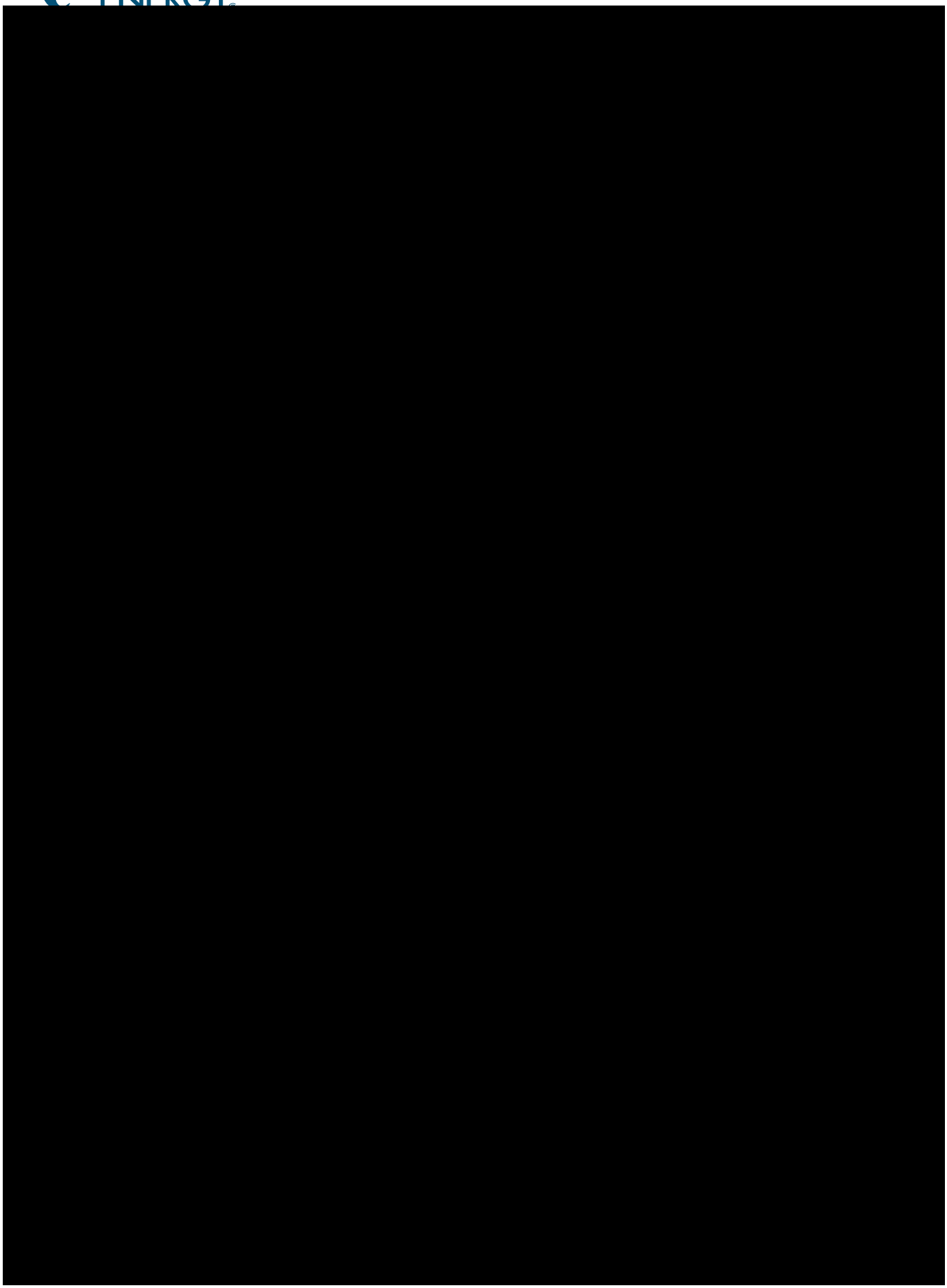
DEF does not believe that there are any current limitations to execute its hedging strategy in a reasonable and prudent manner.

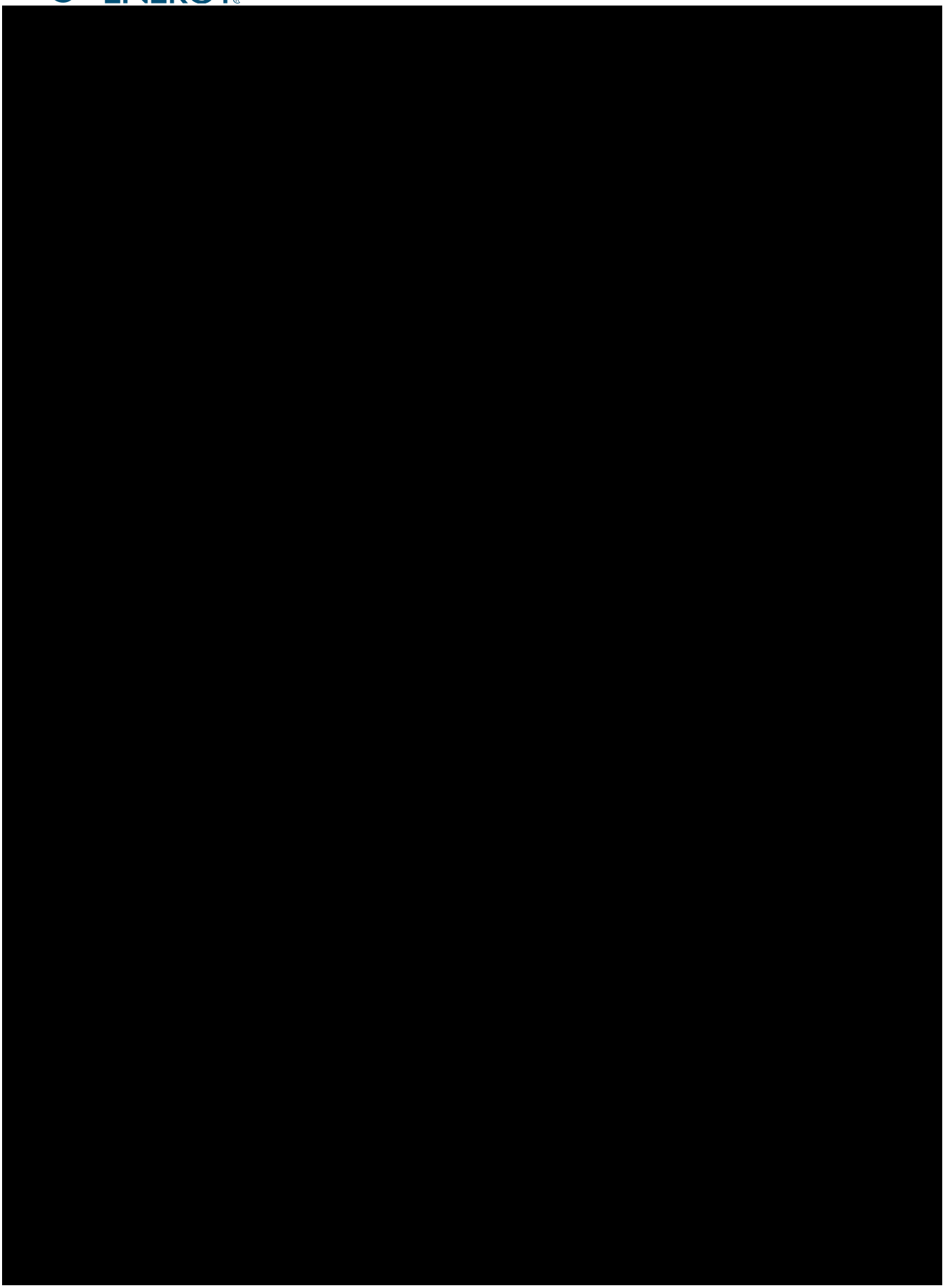


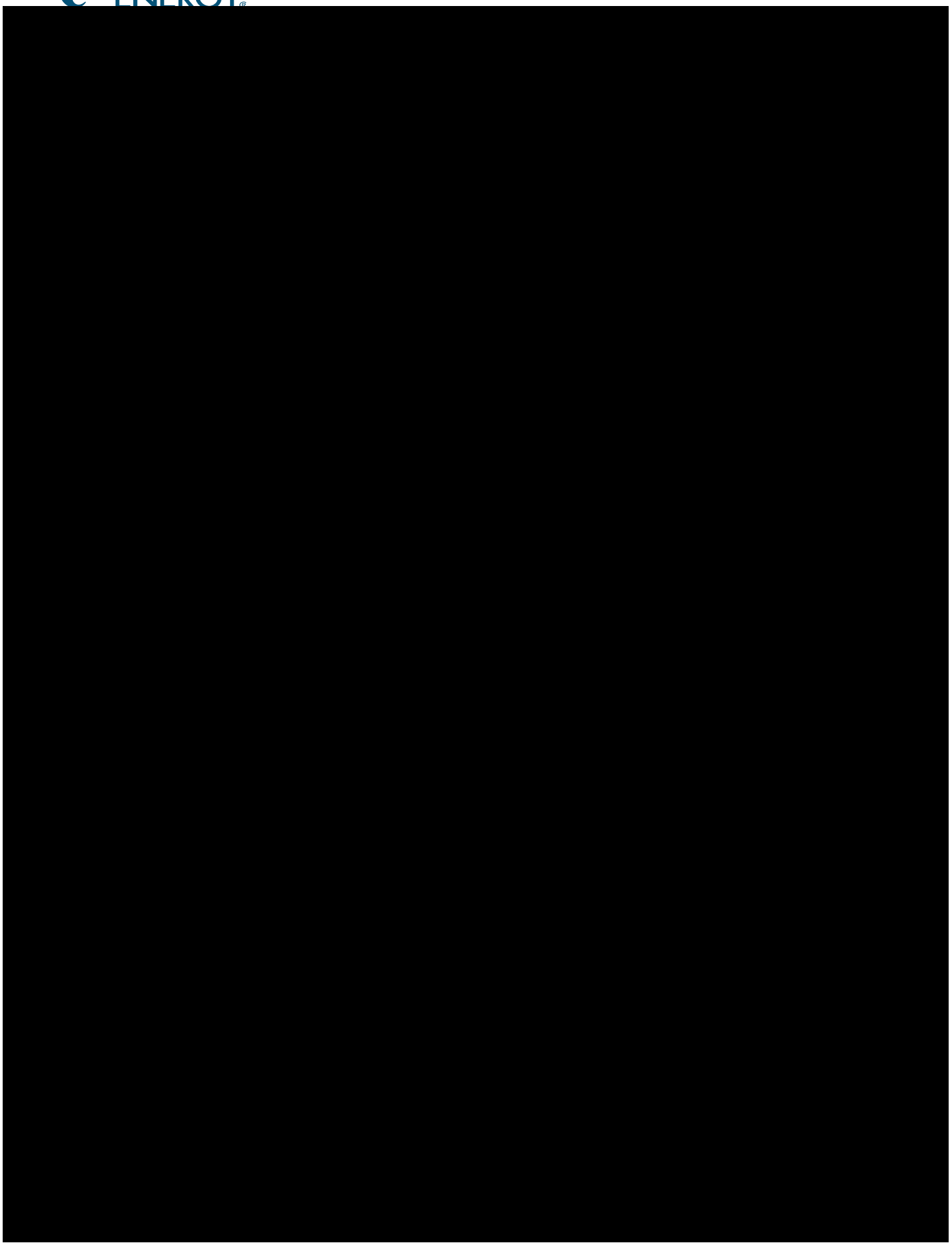


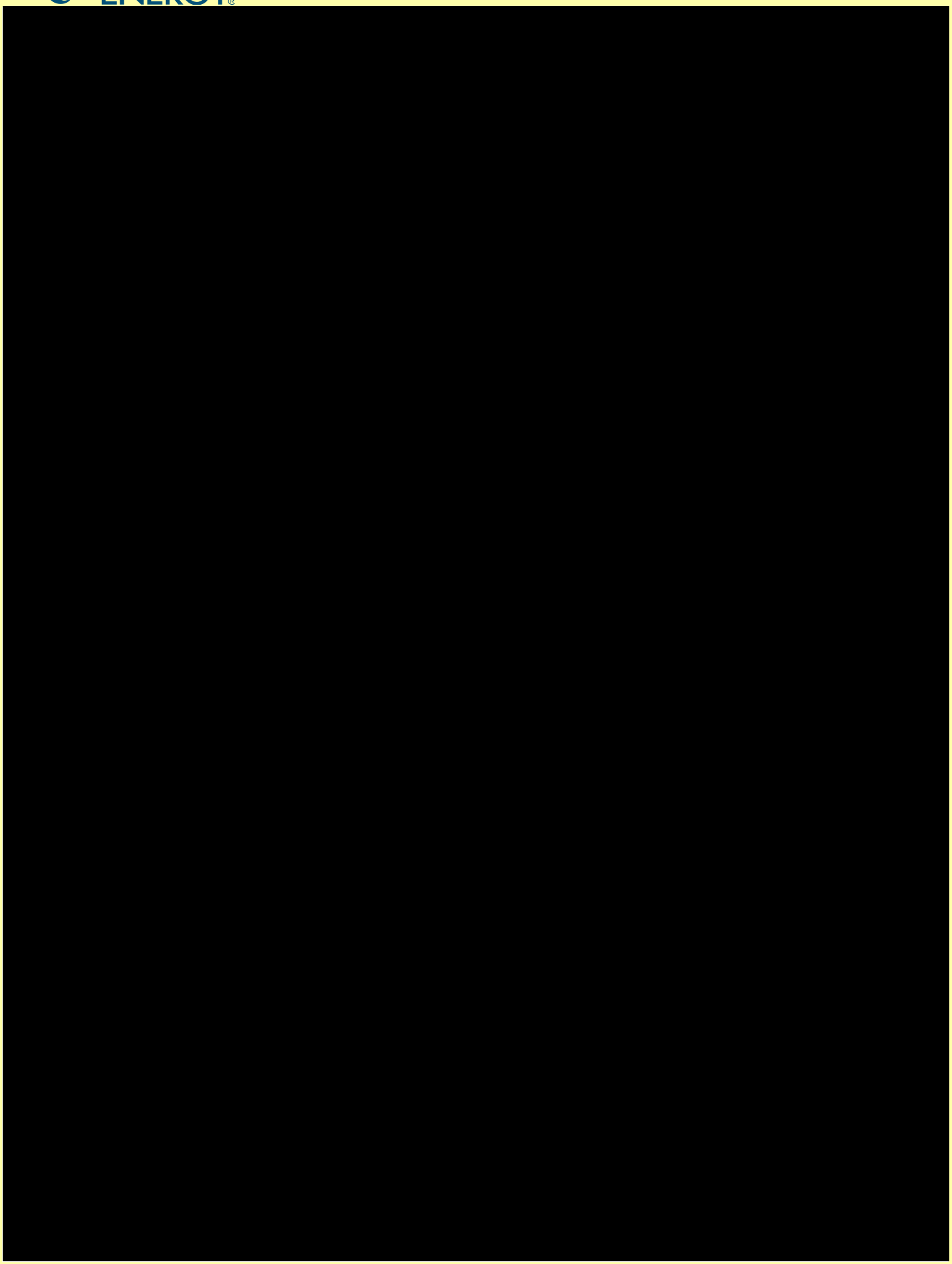


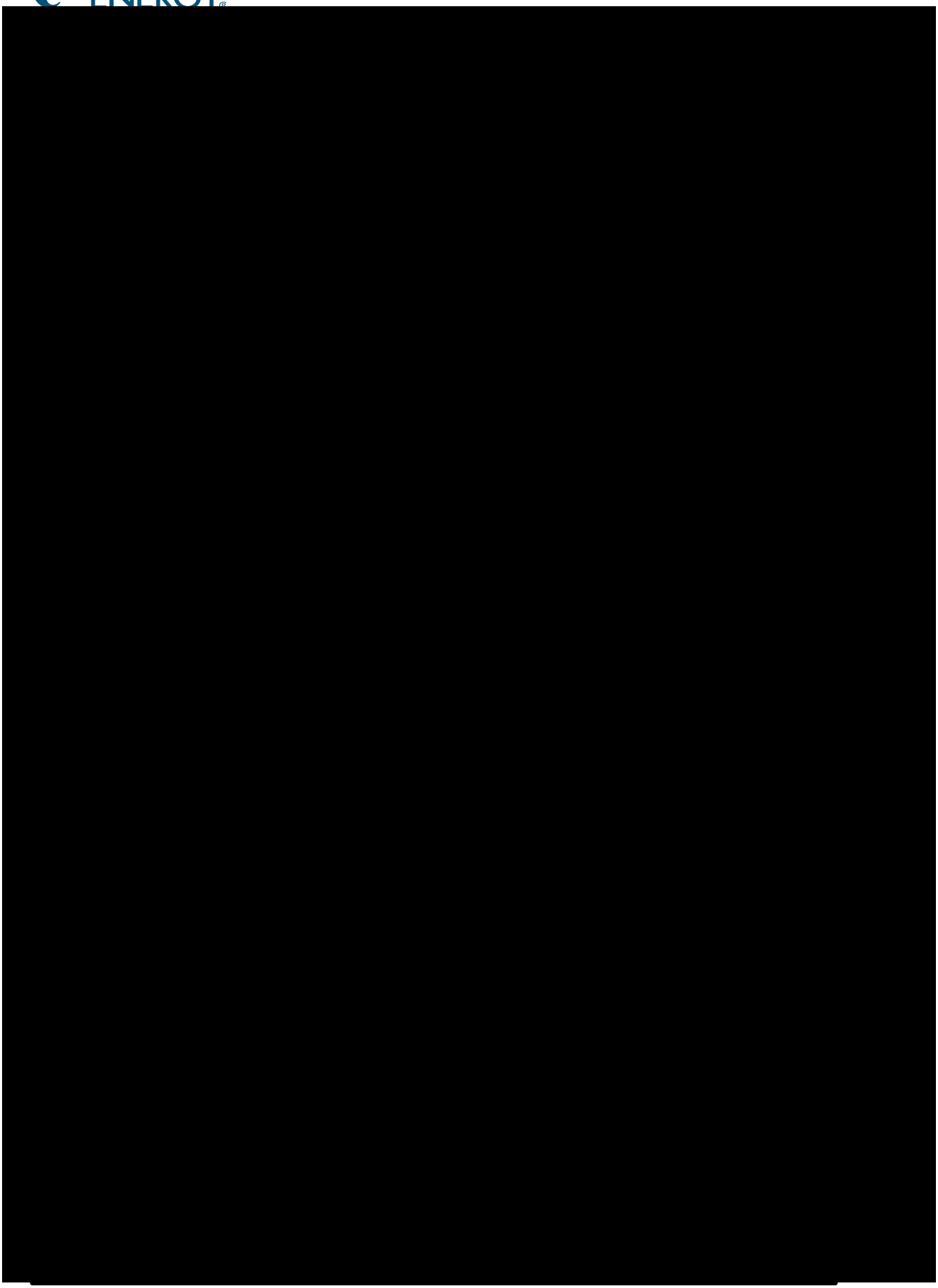


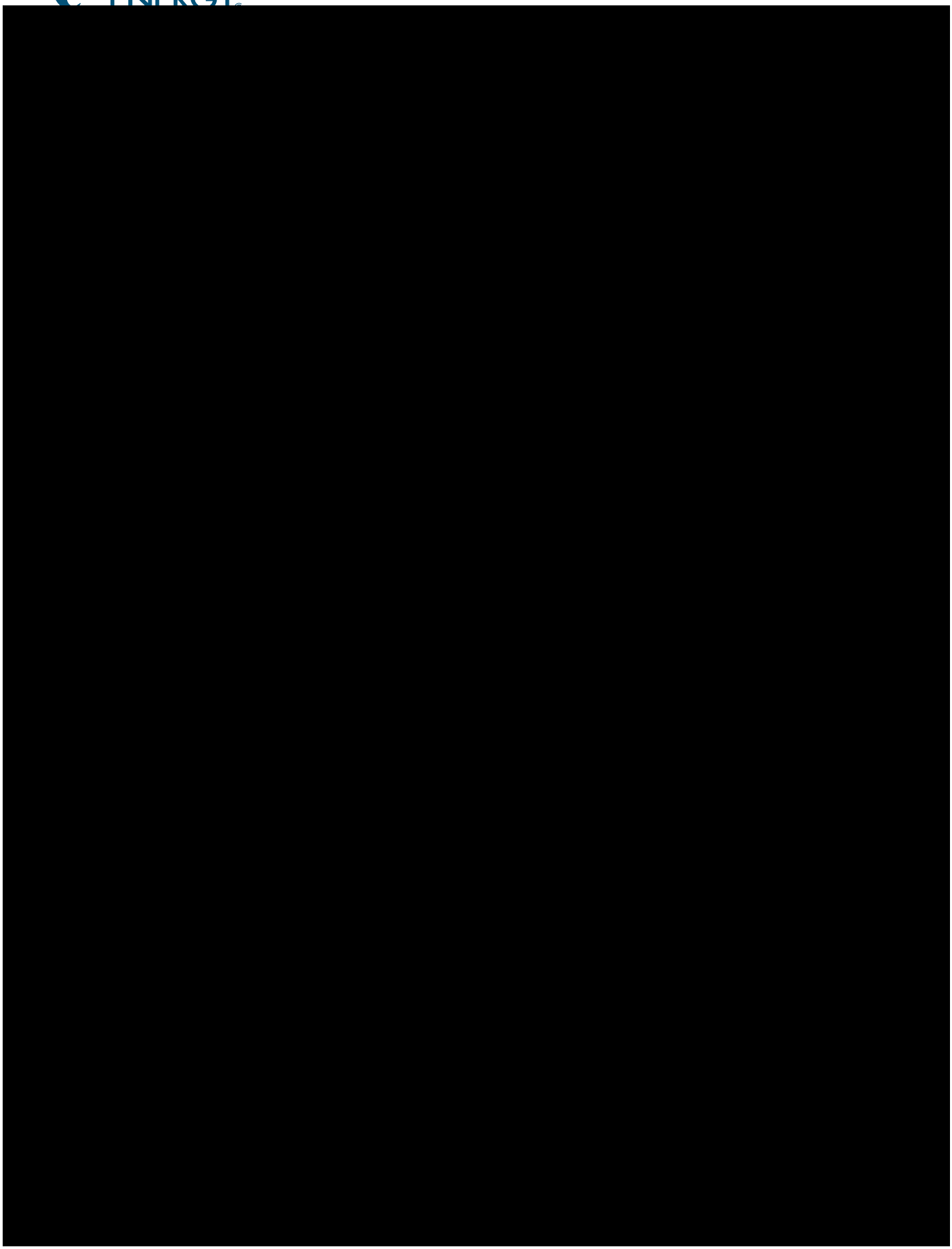












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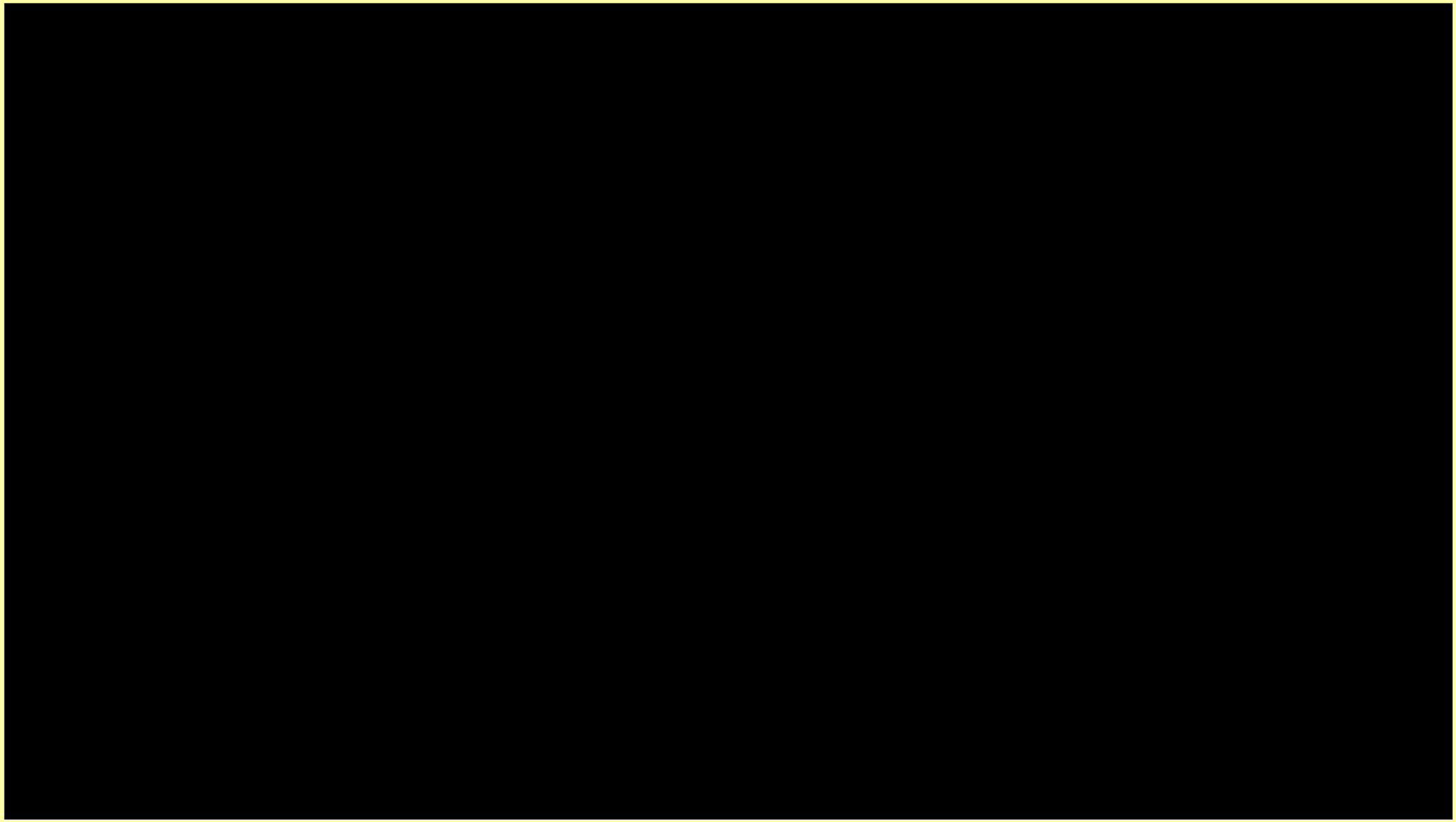

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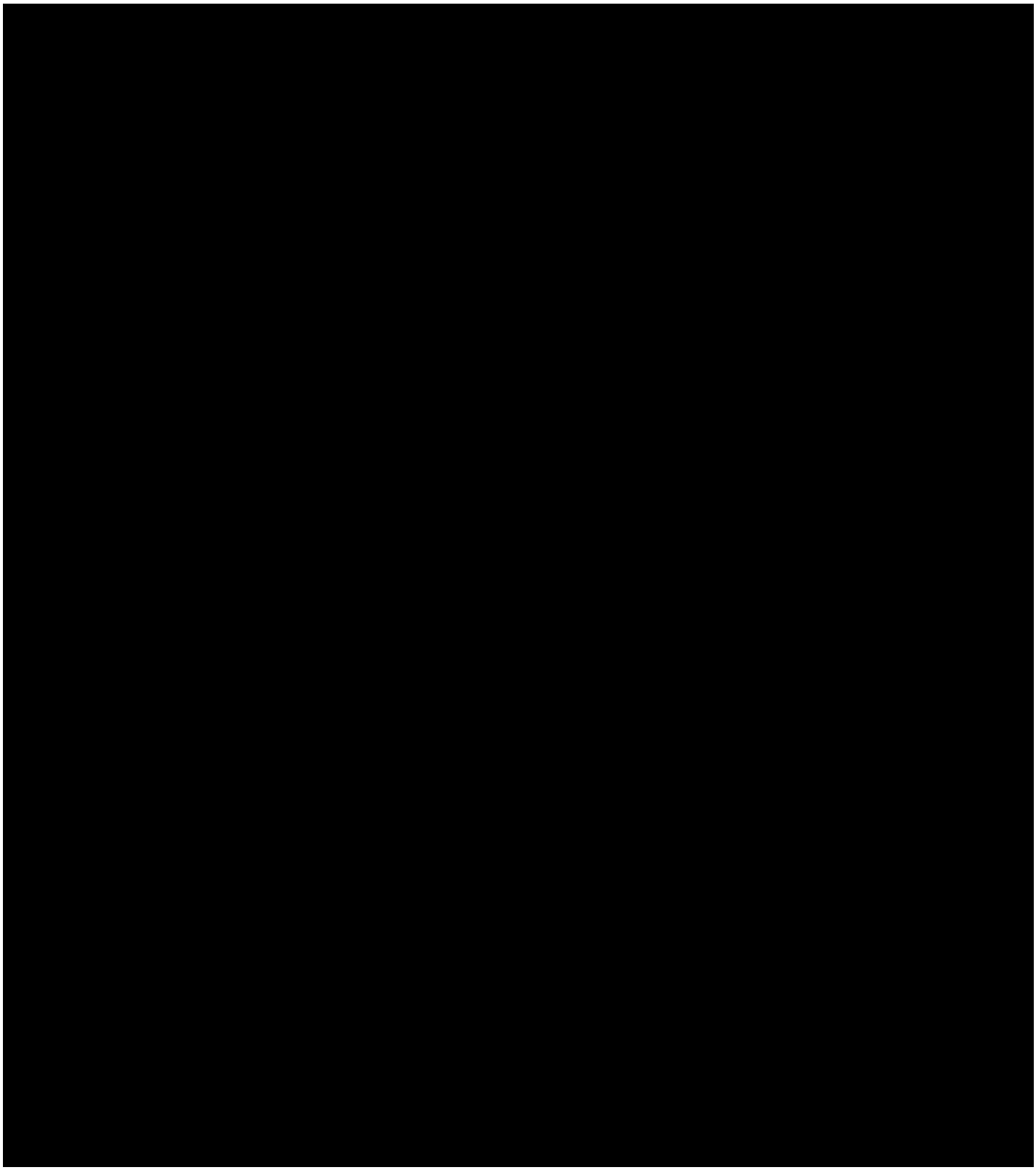

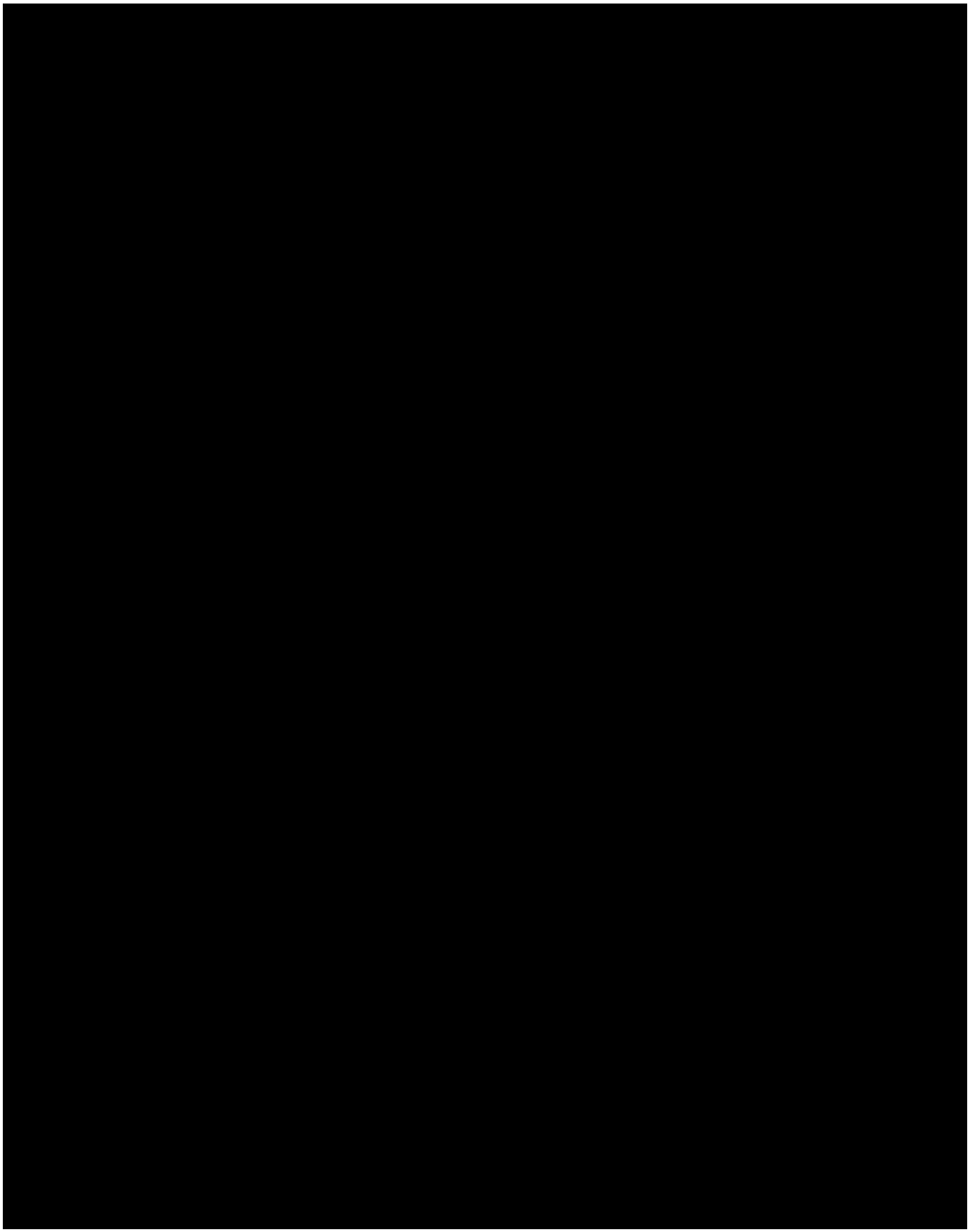

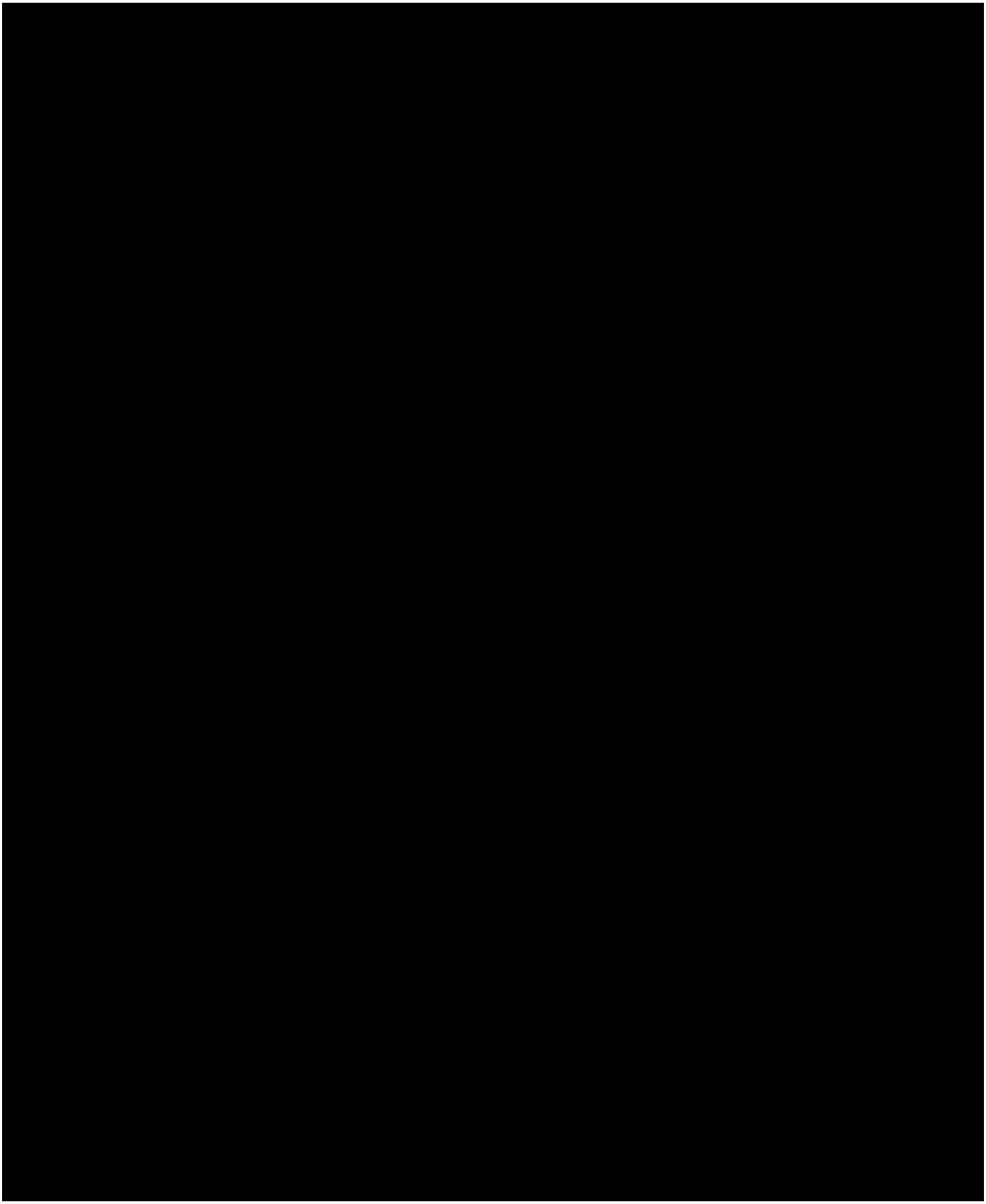

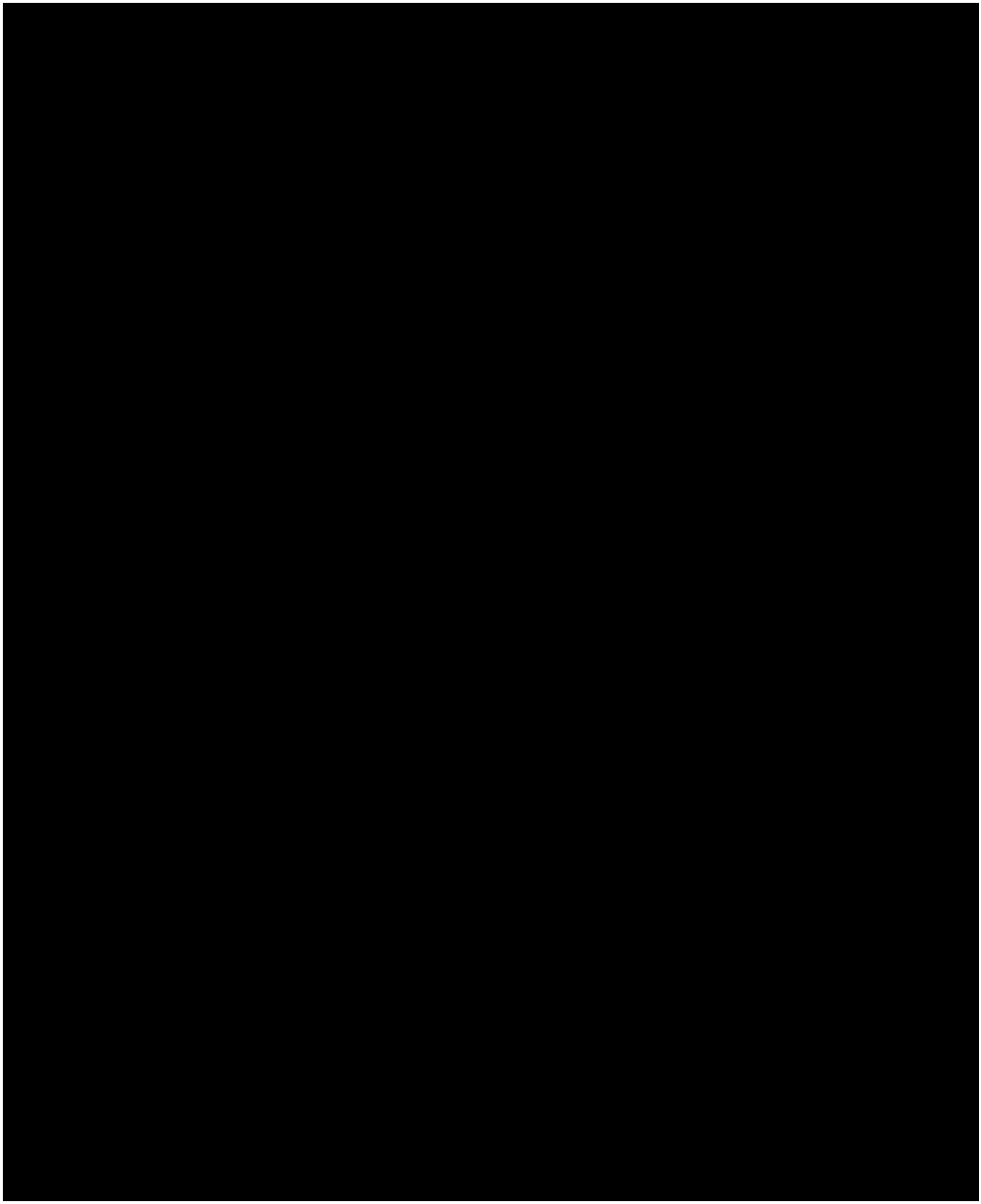

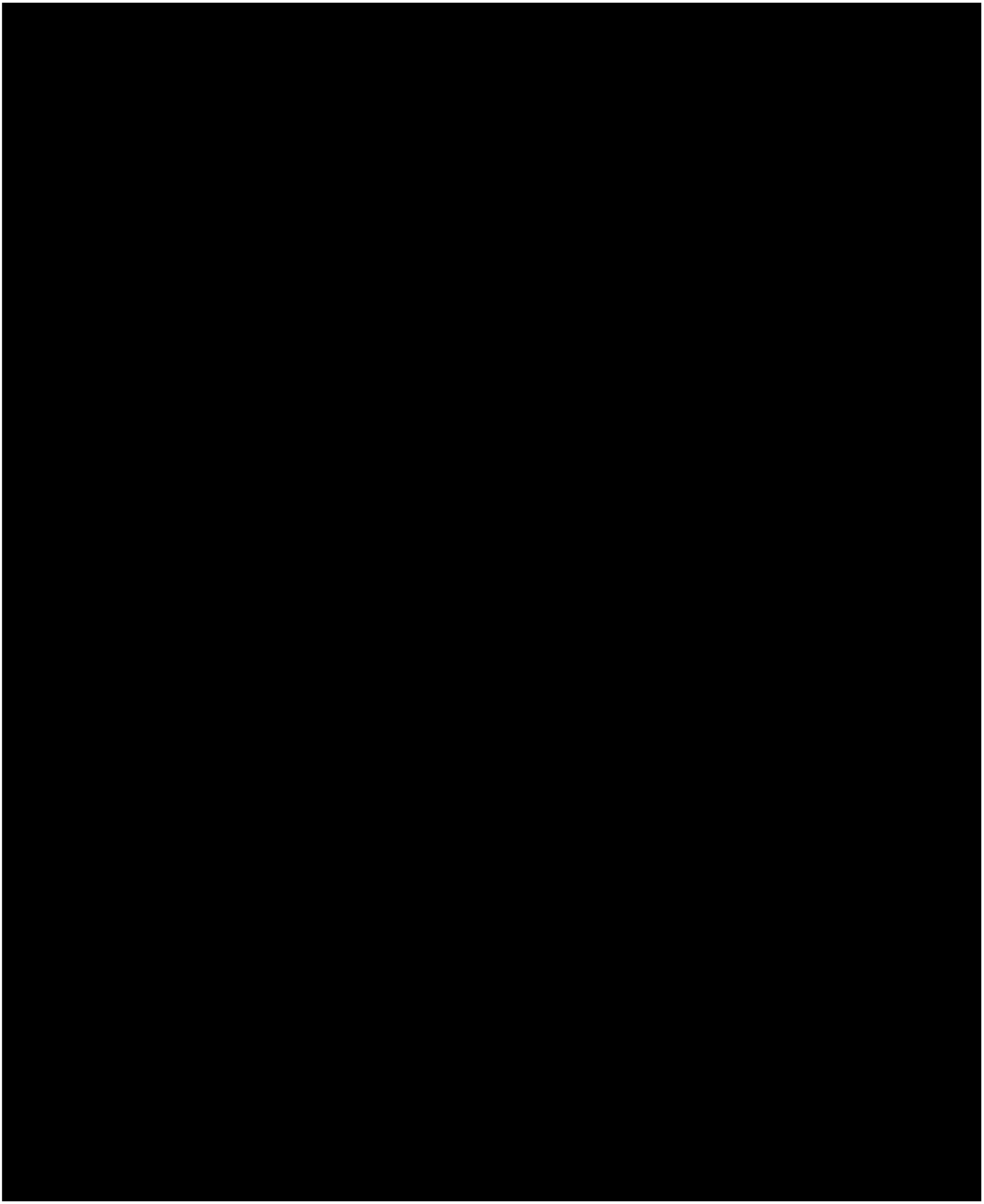

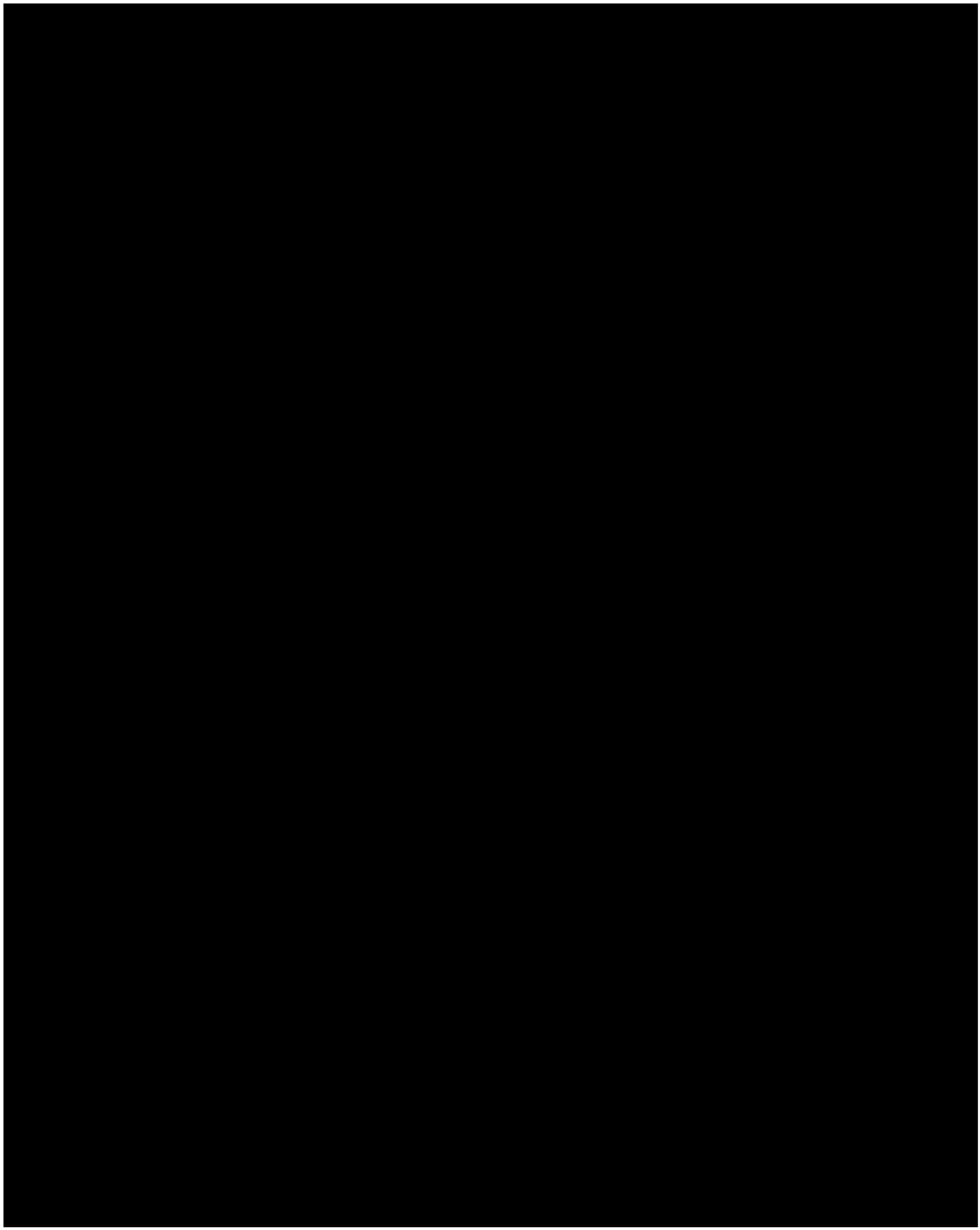

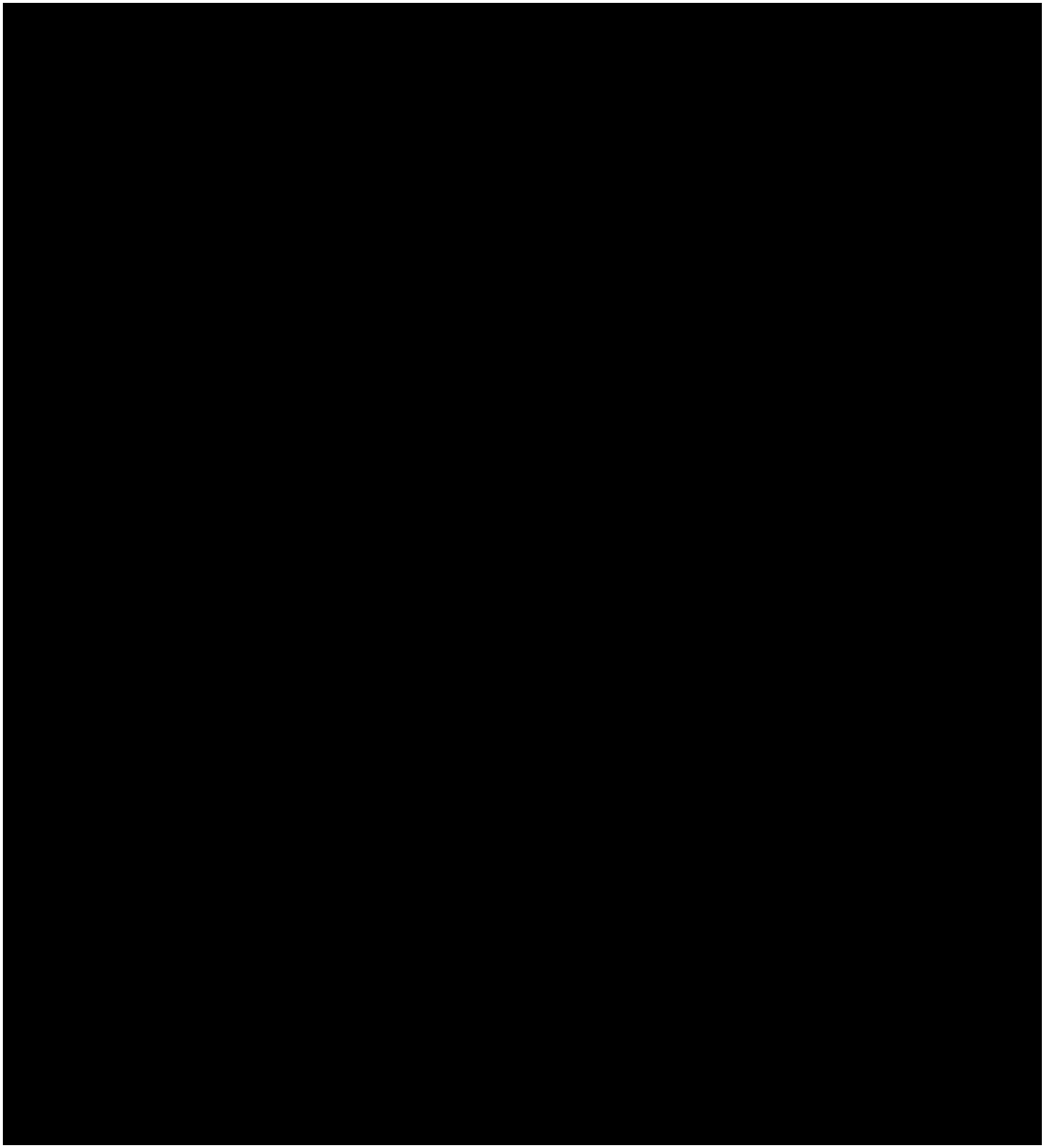

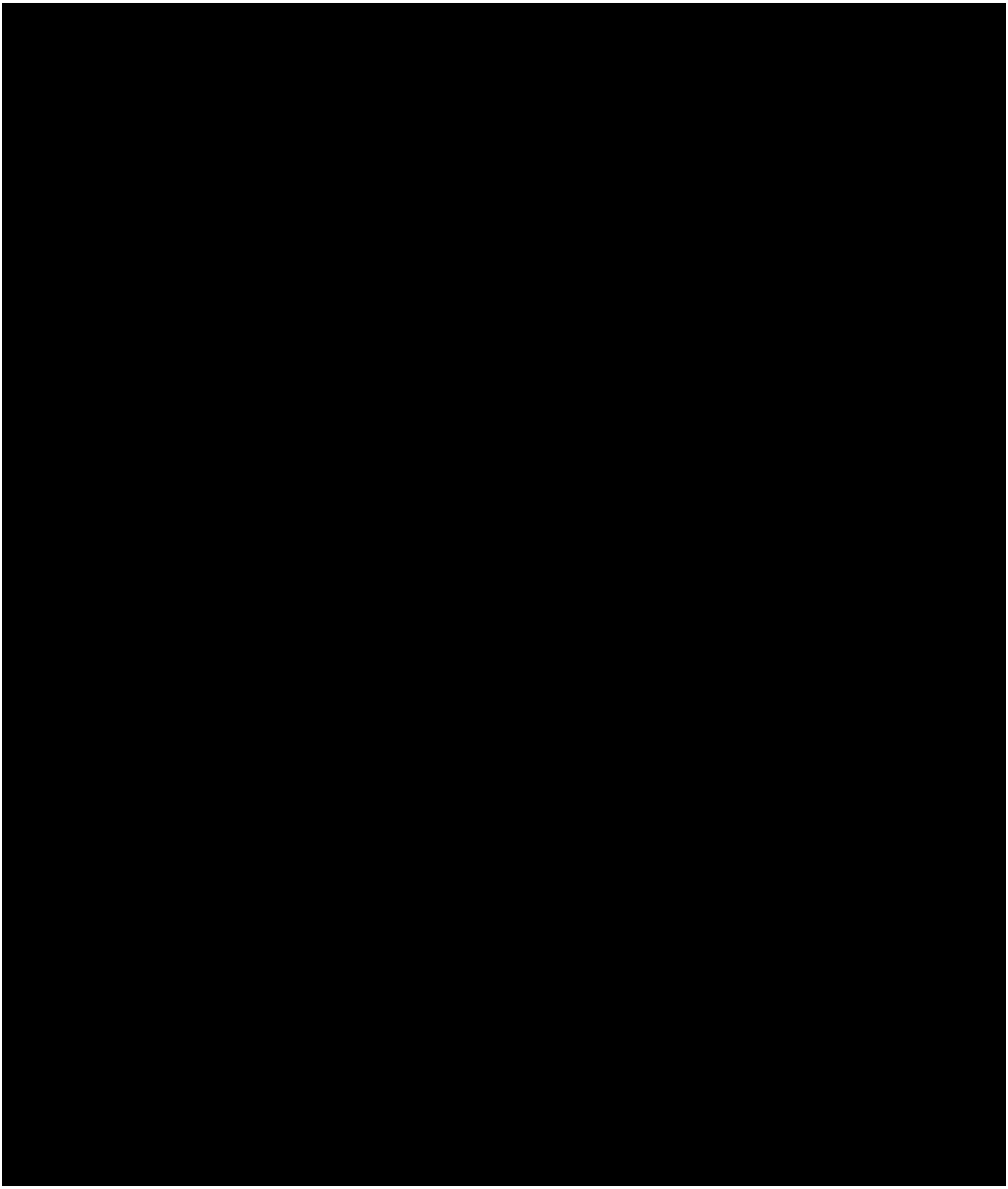

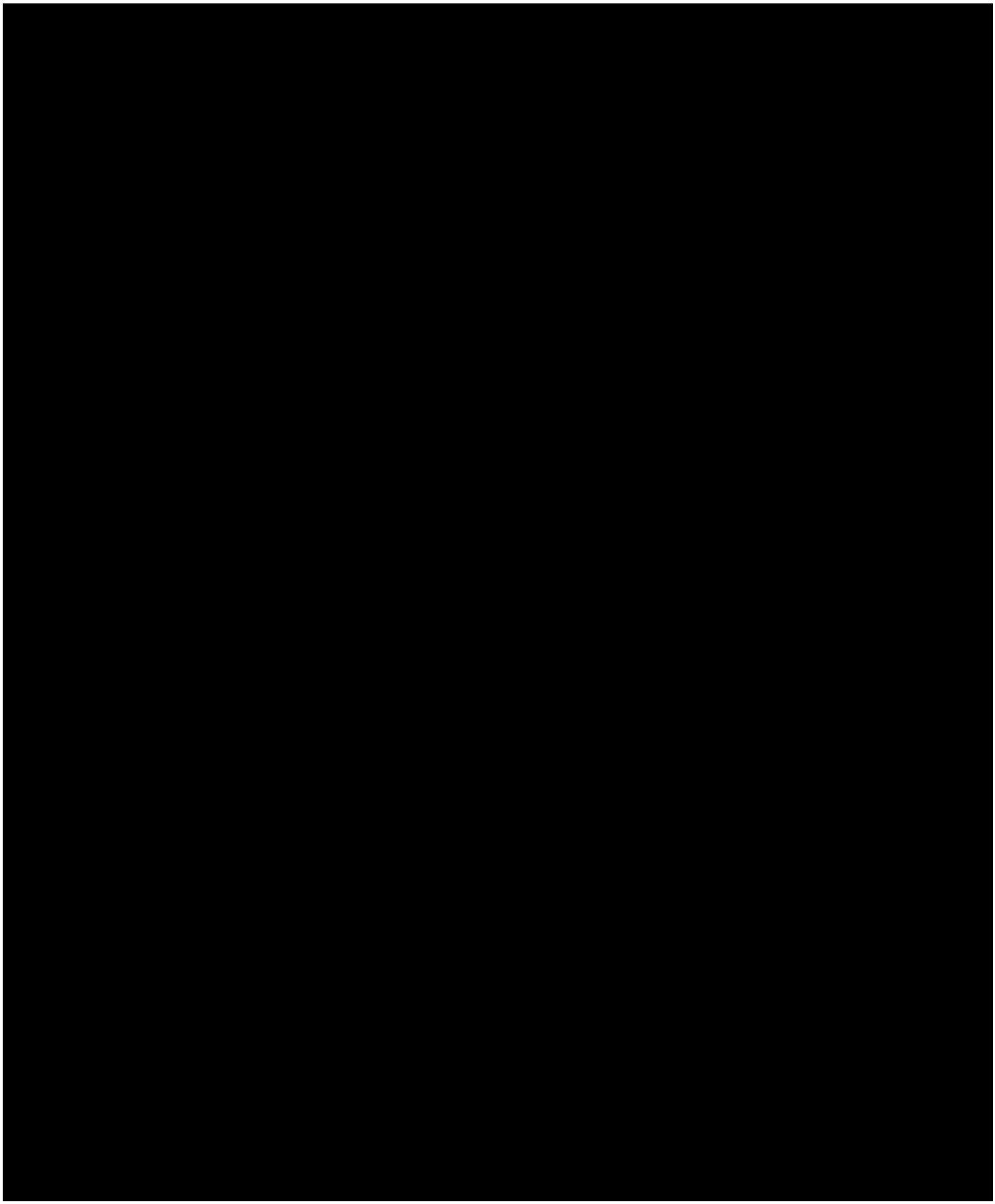

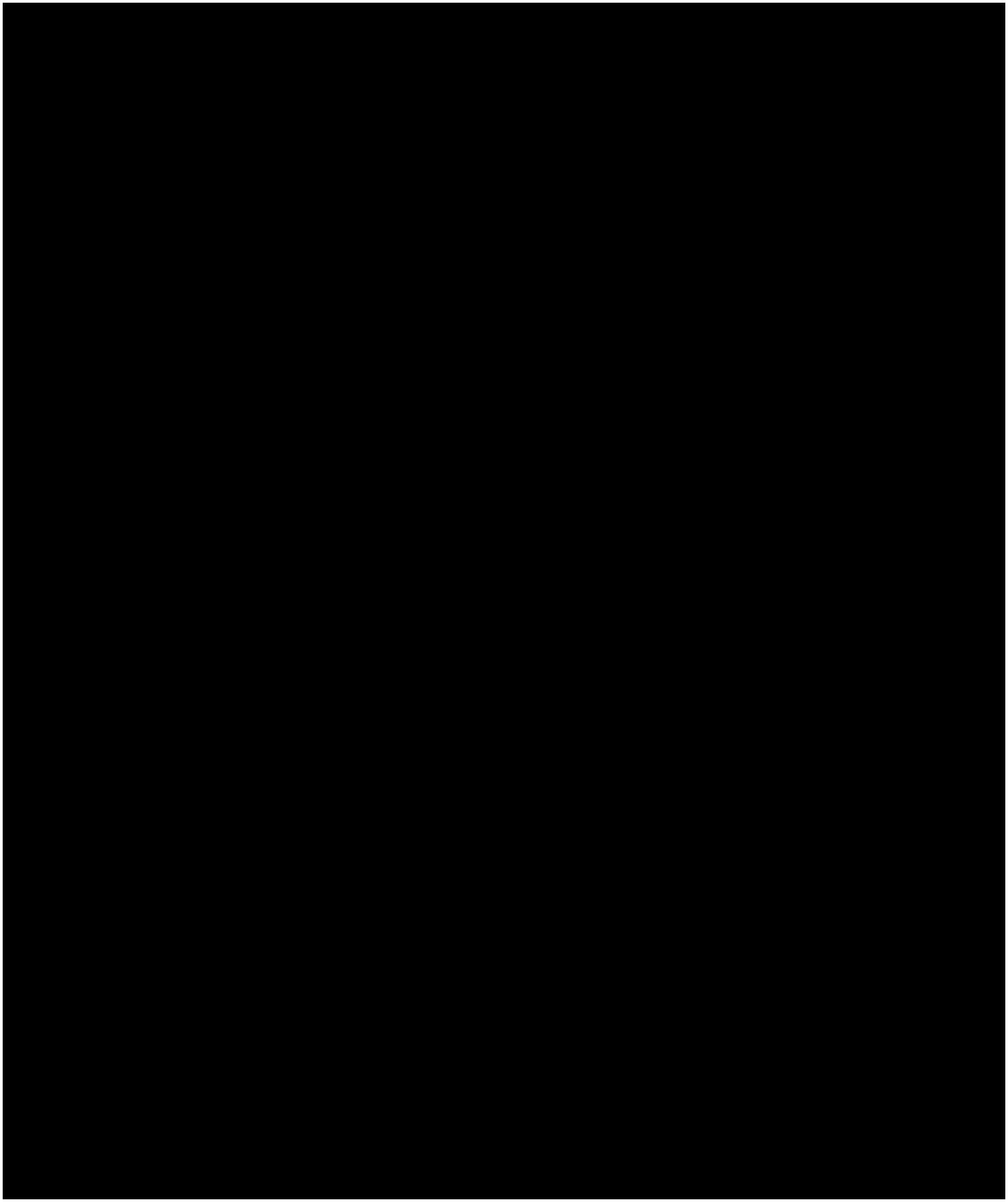

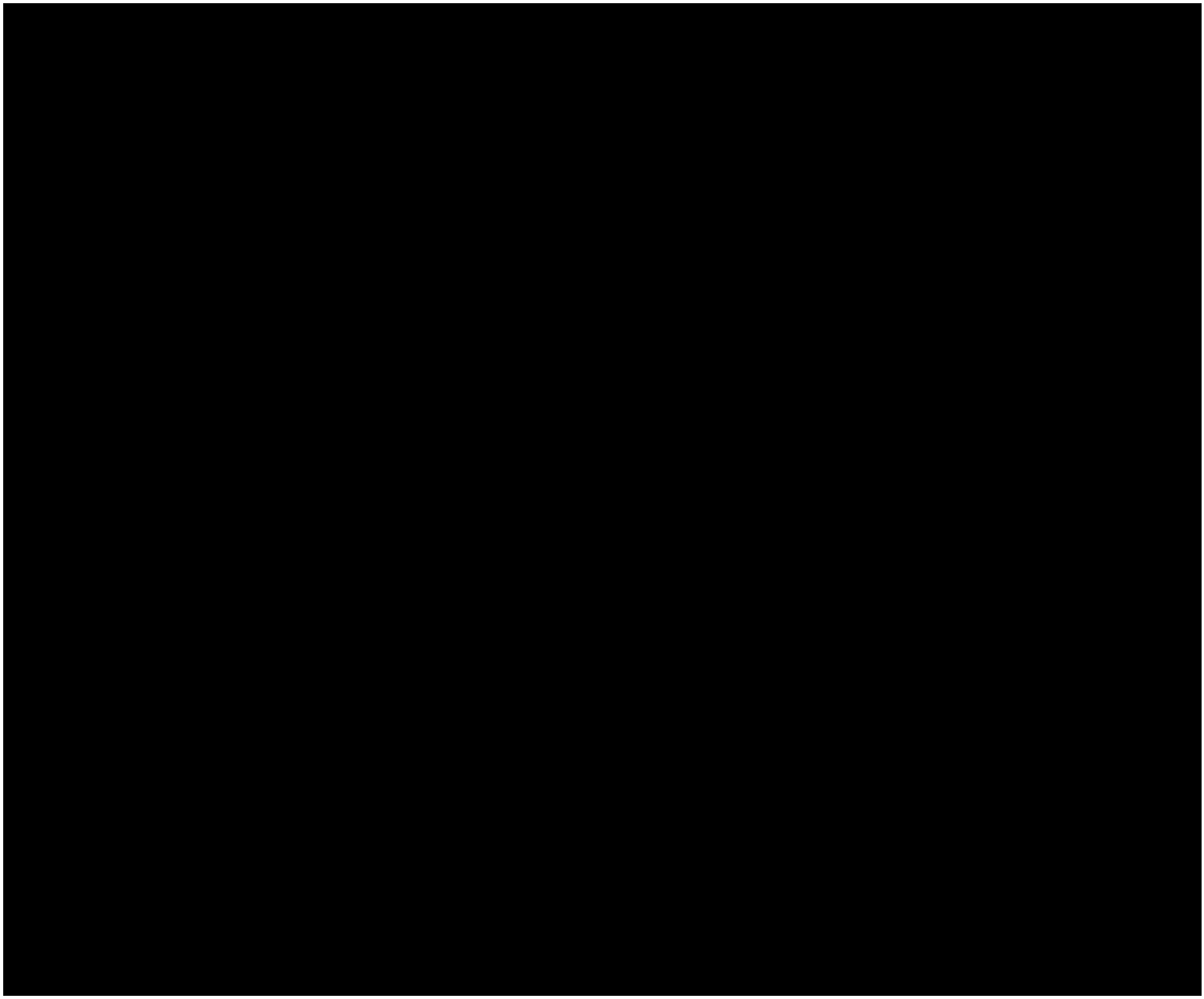

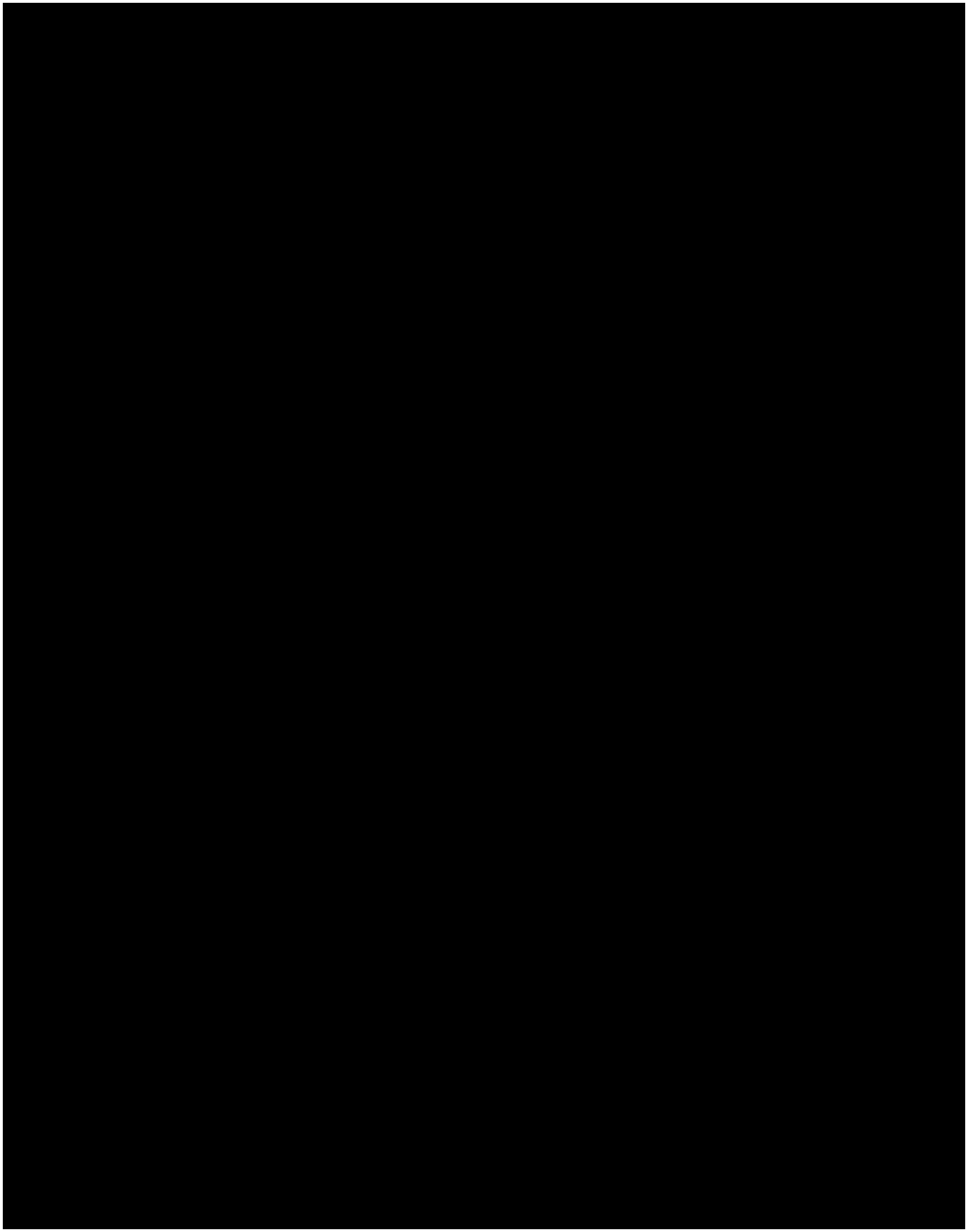

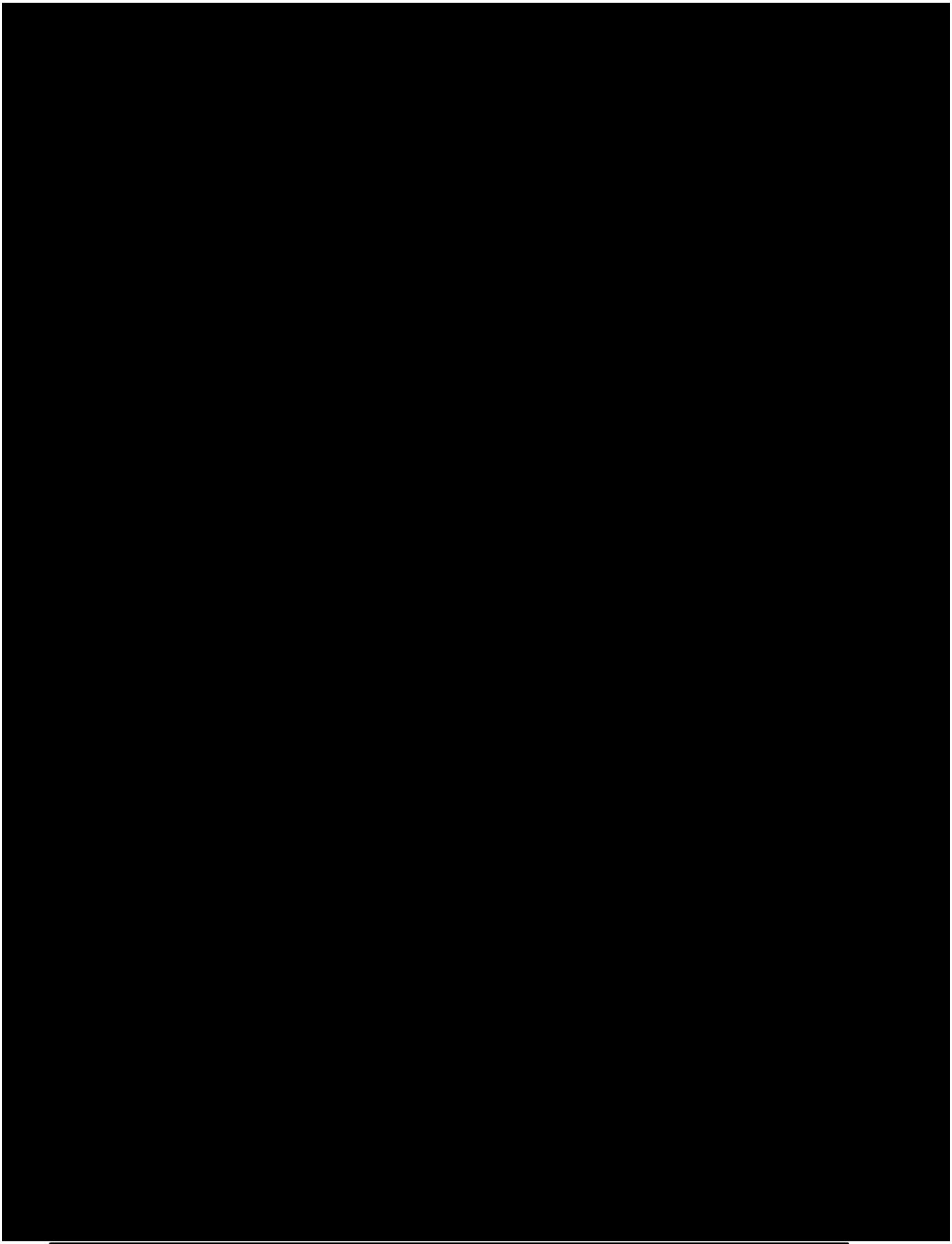

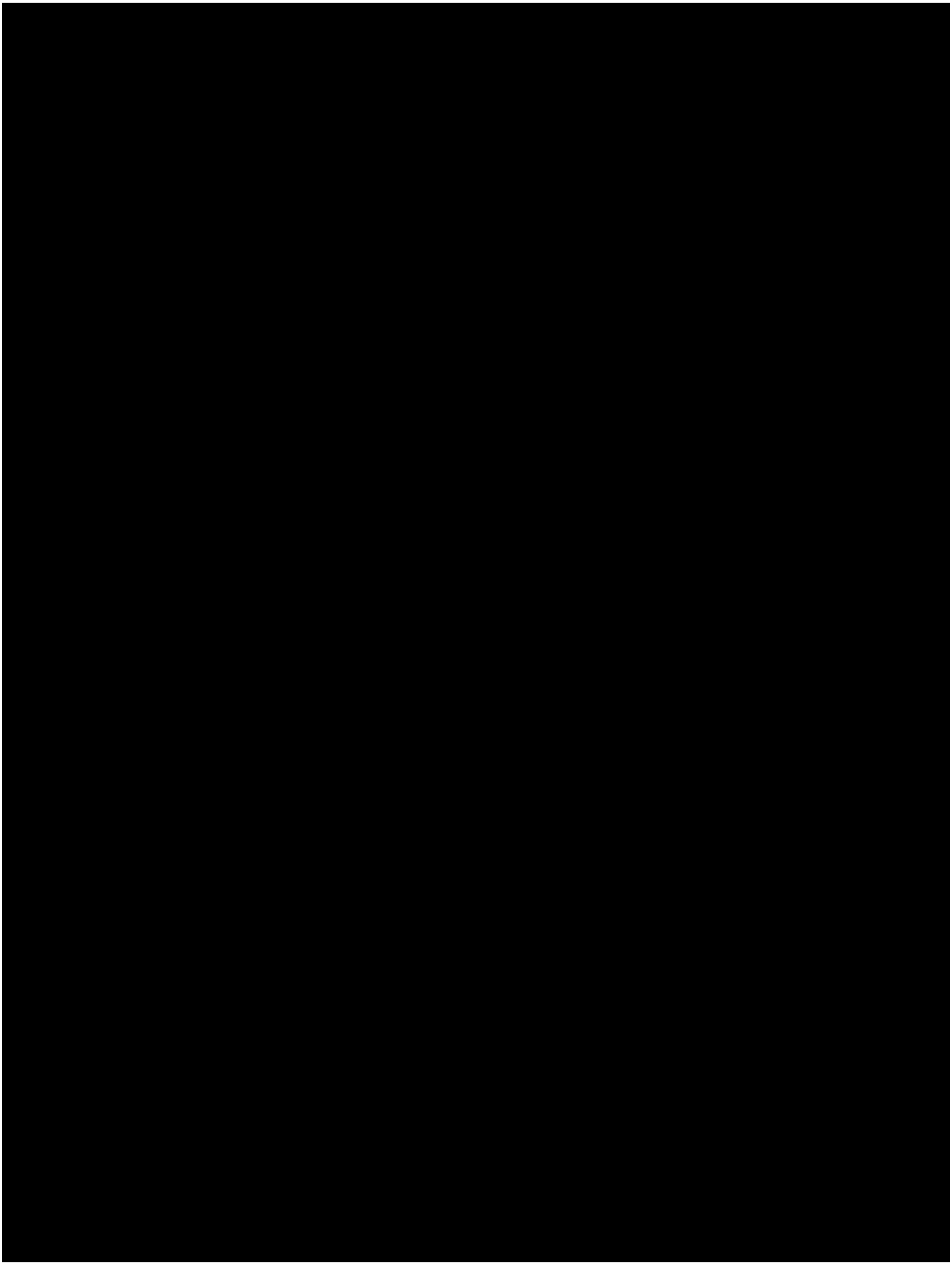

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ENERGY SUPPLY BULK POWER MARKETING & TRADING

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Attachment G

Duke Energy Corporation
Regulated Electric
Risk Management Control Manual

January 2019

Risk Management Controls and Procedures for Fuels & Systems Optimization and Distributed Energy Resources

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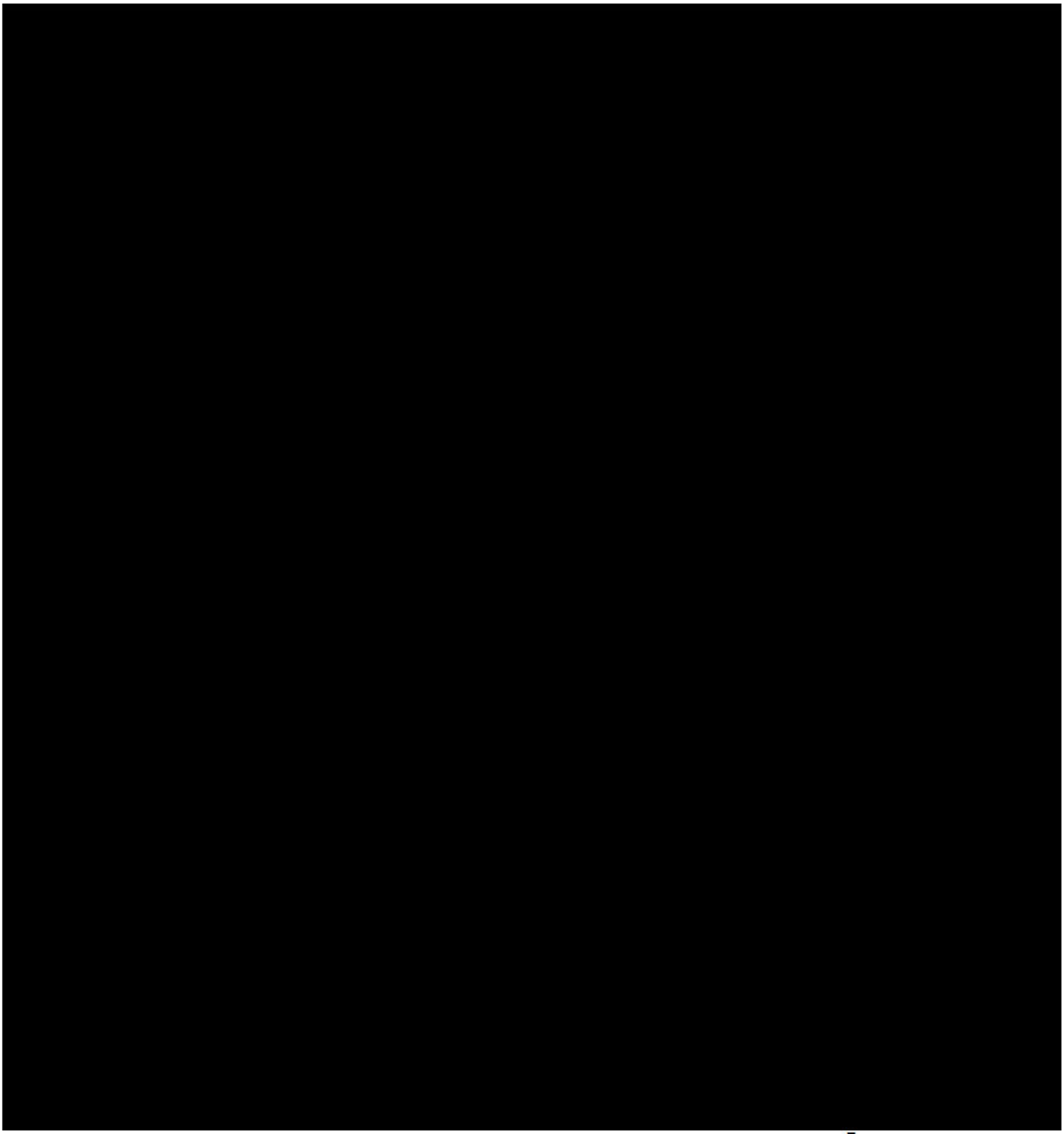
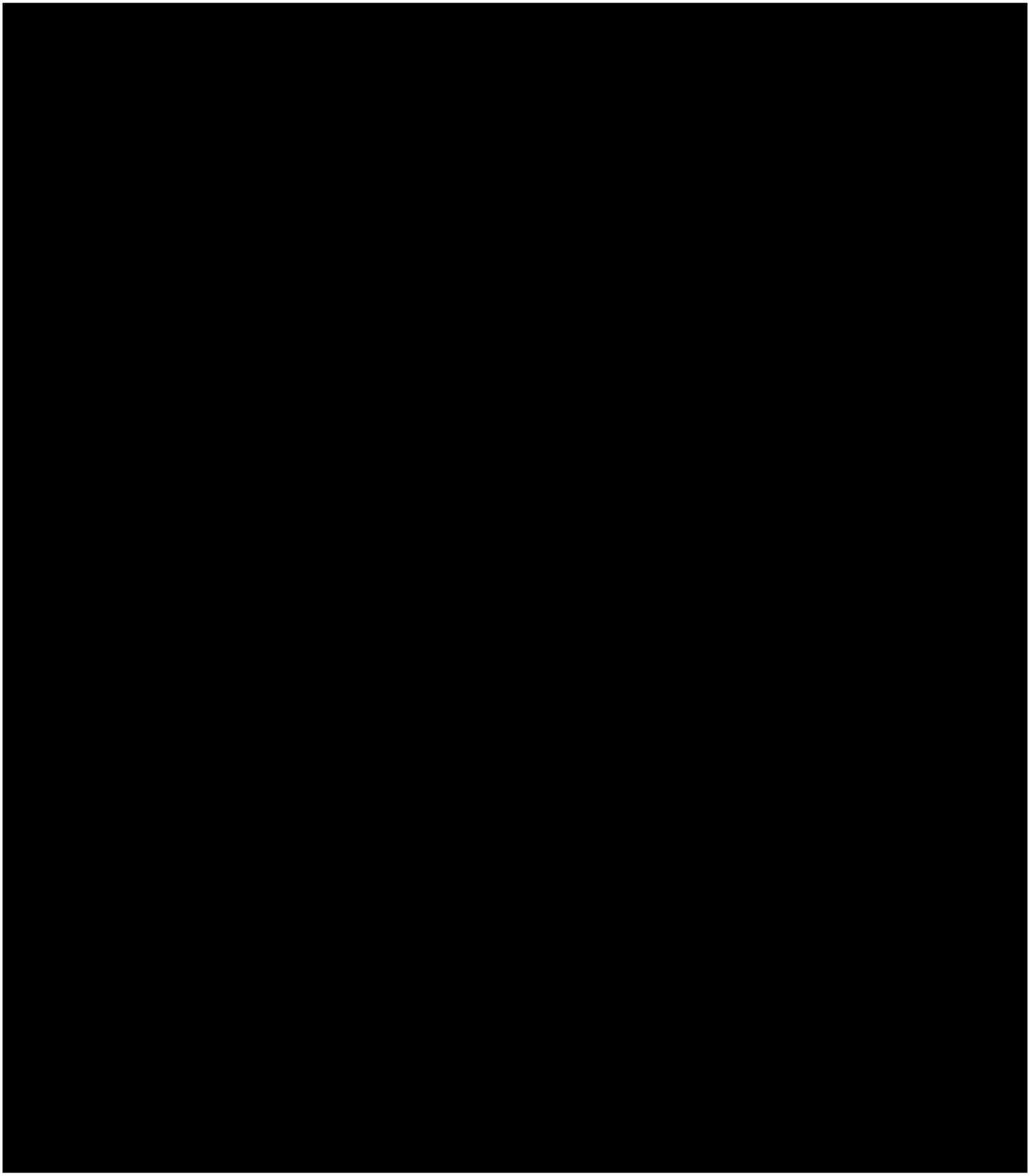
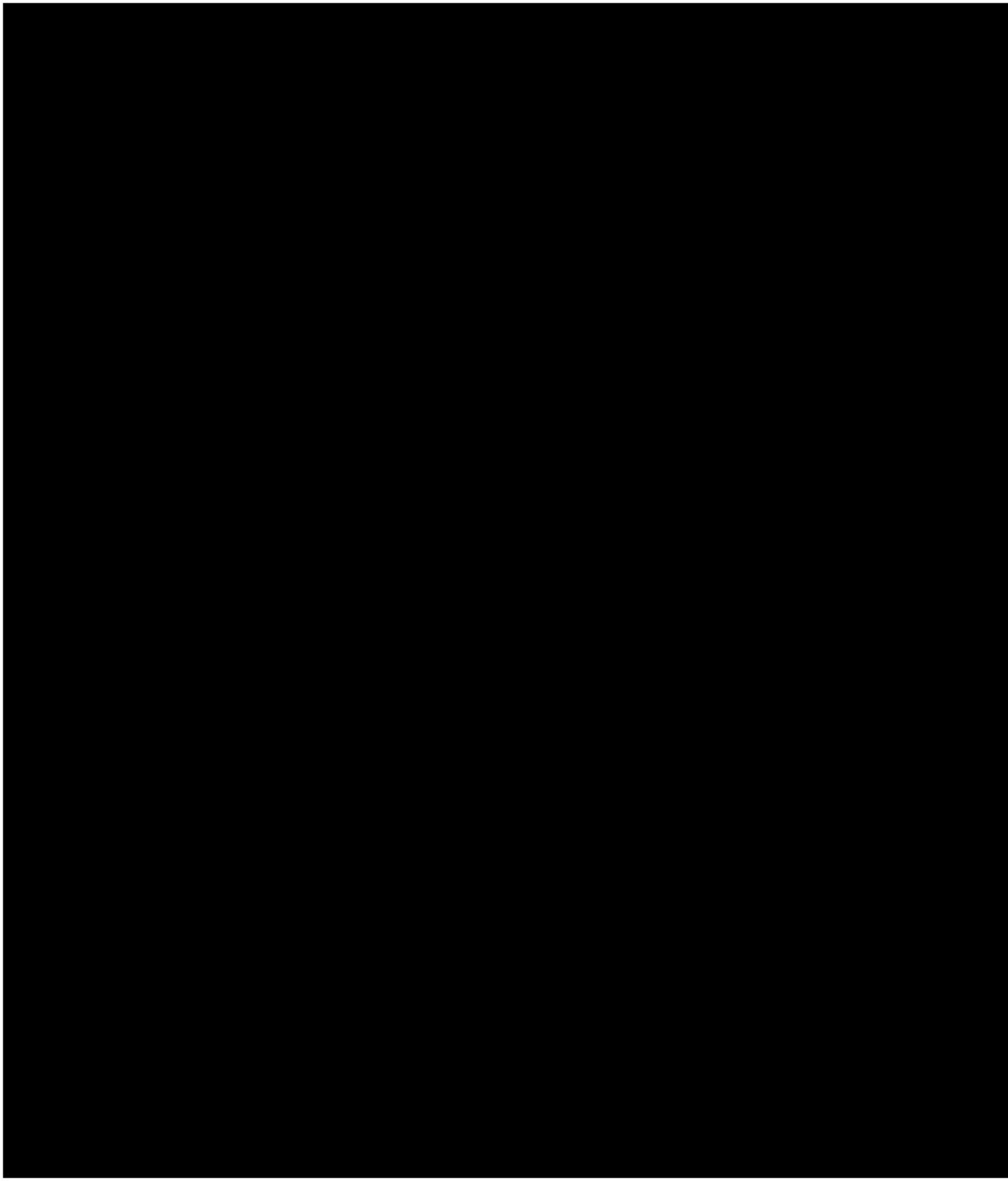
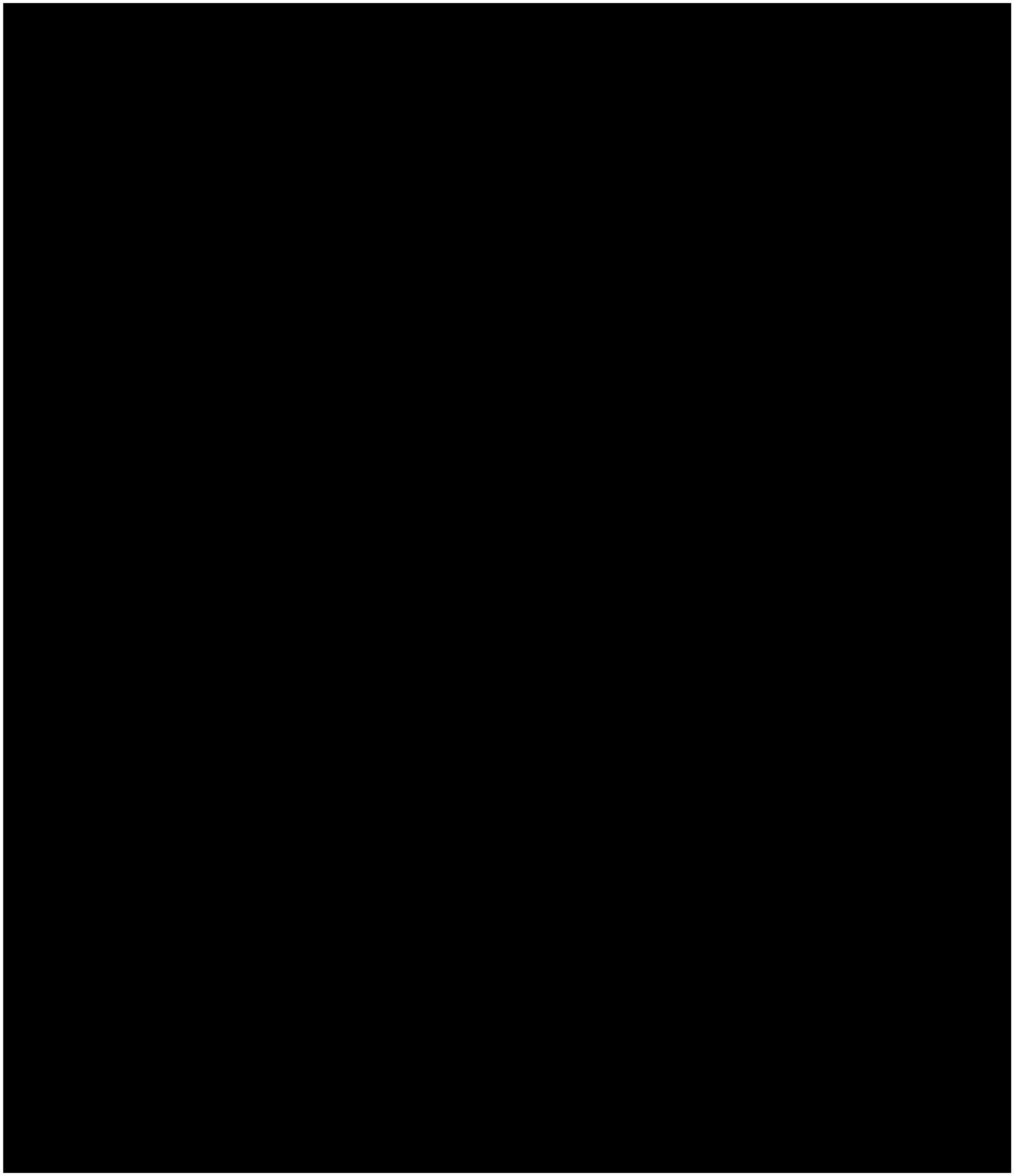
I. Introduction and Purpose









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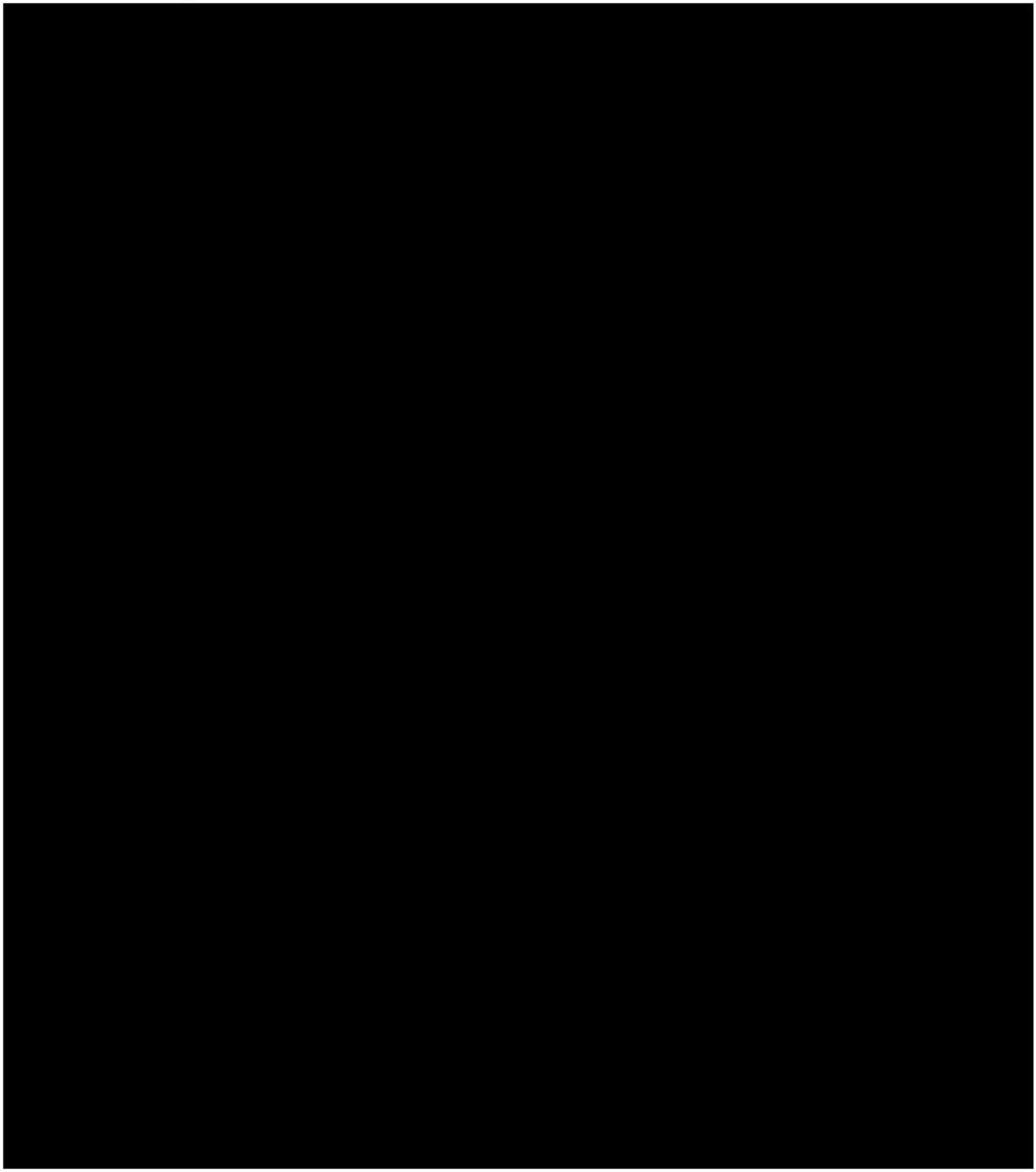

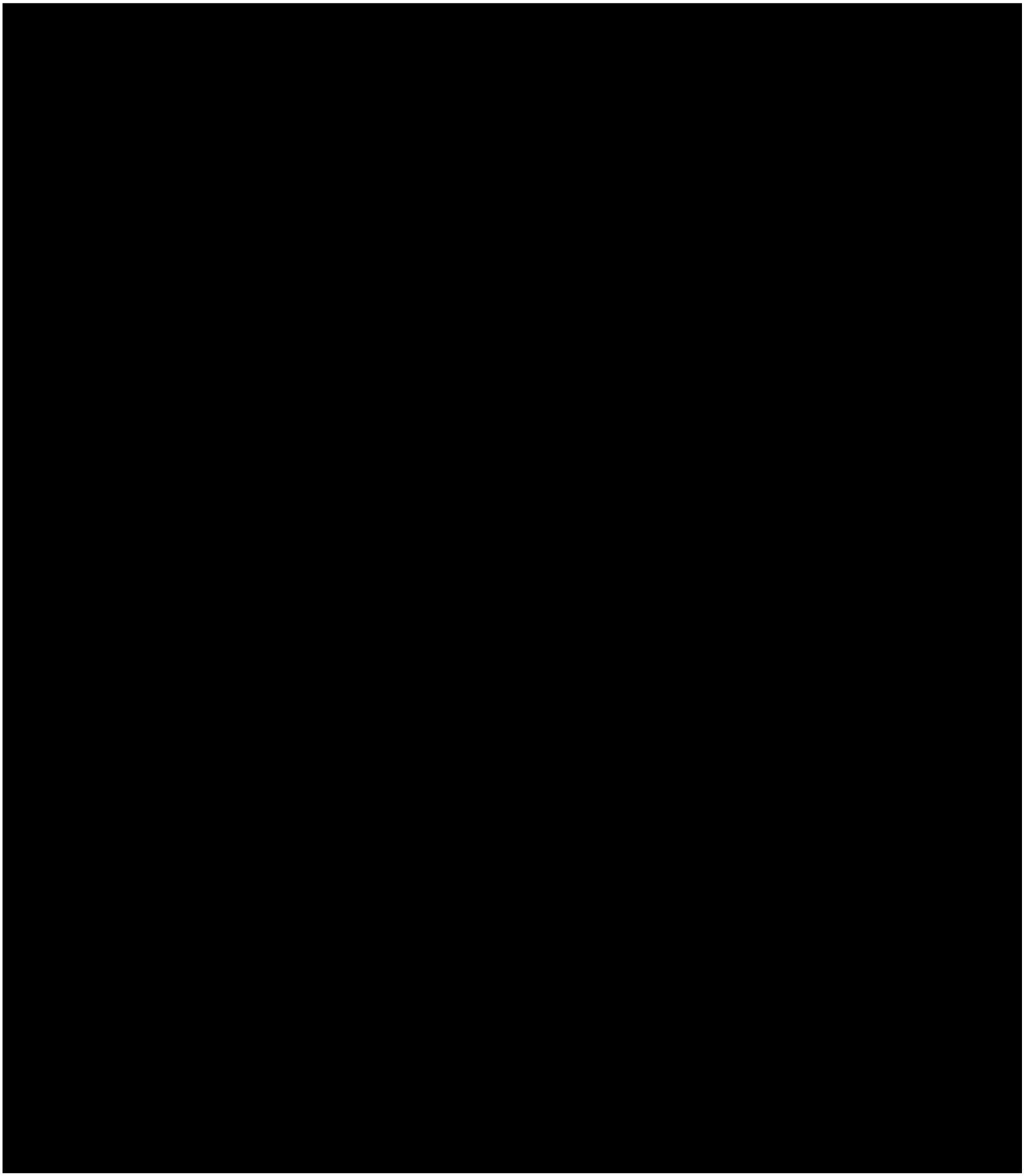

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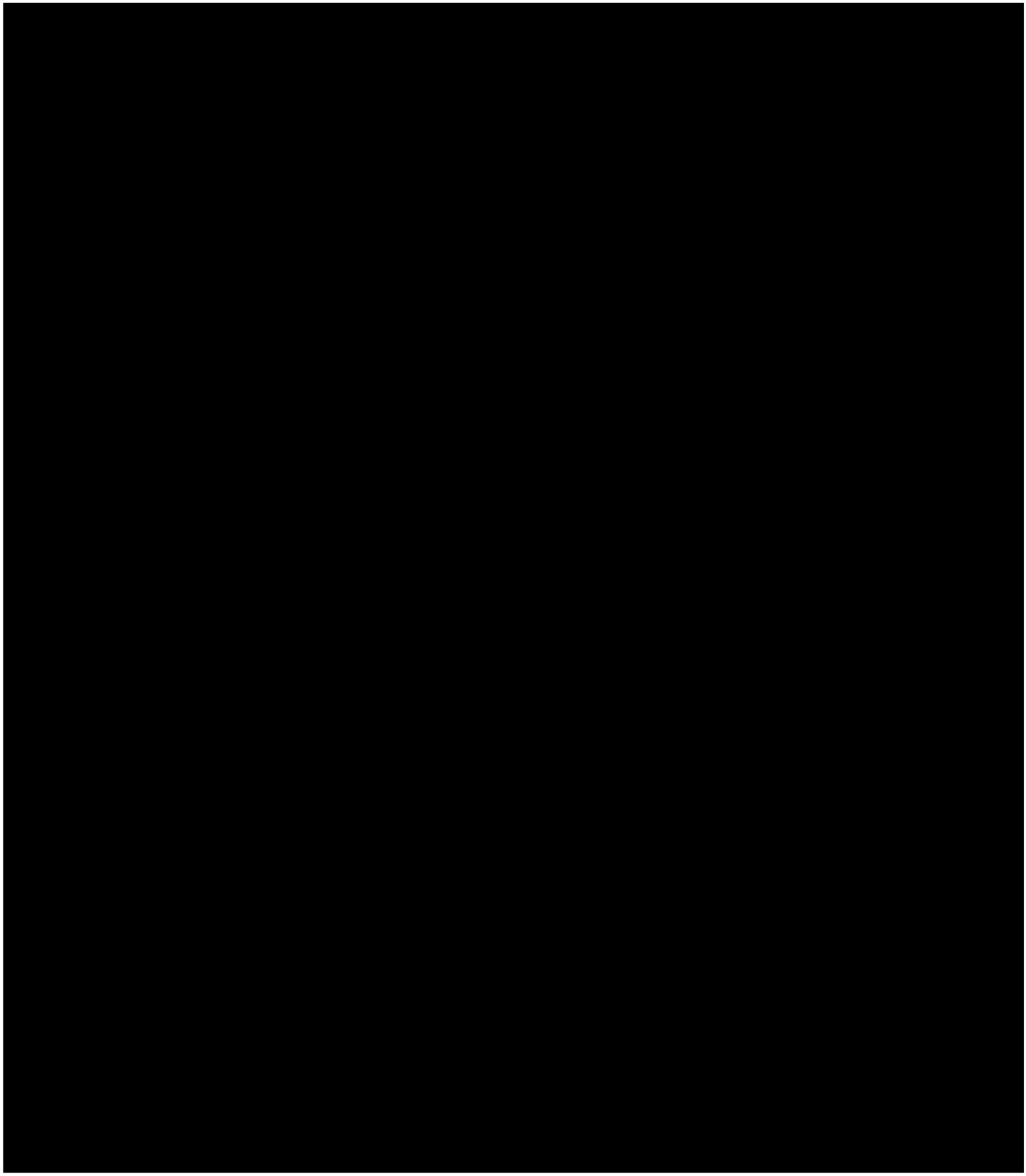

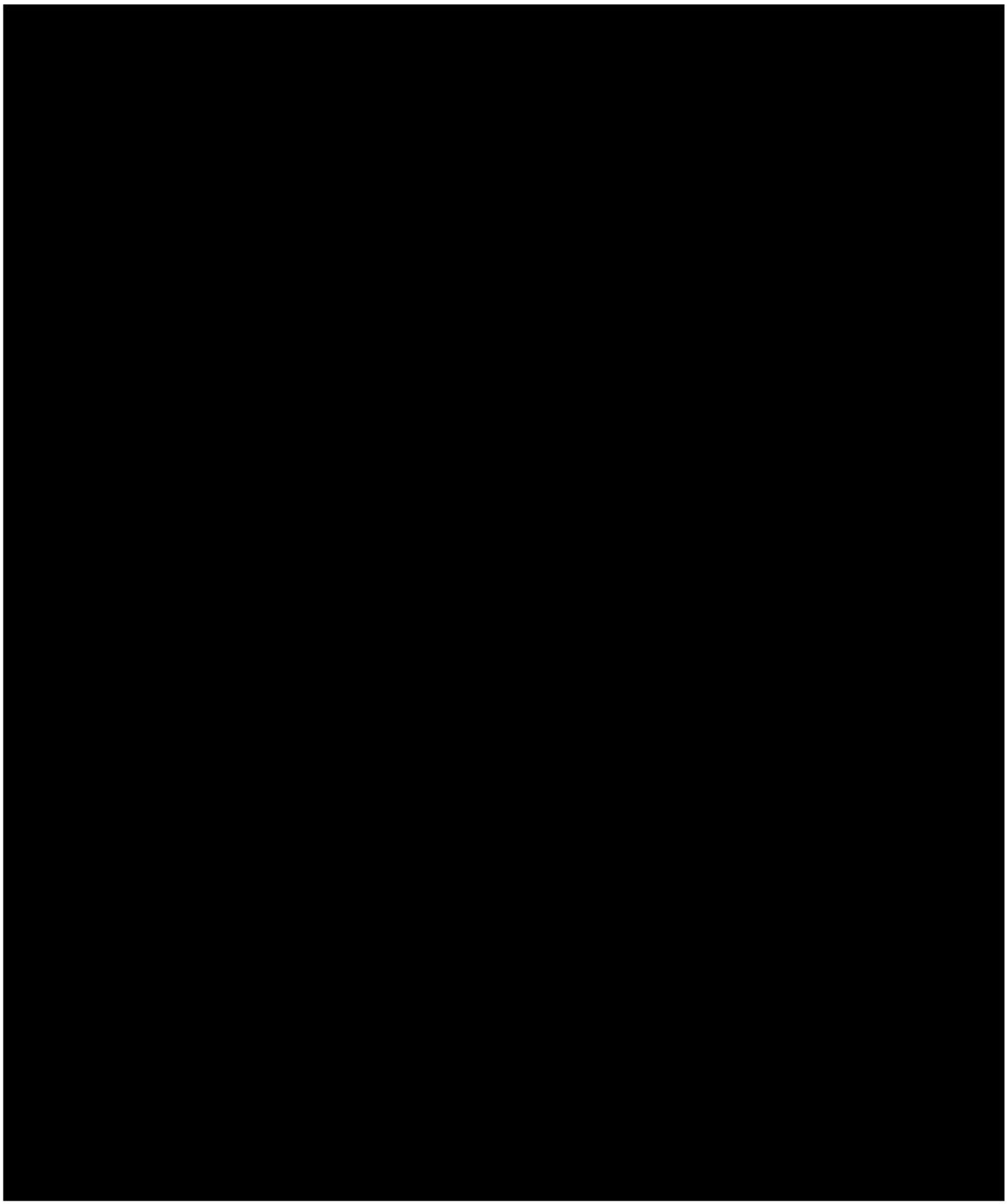

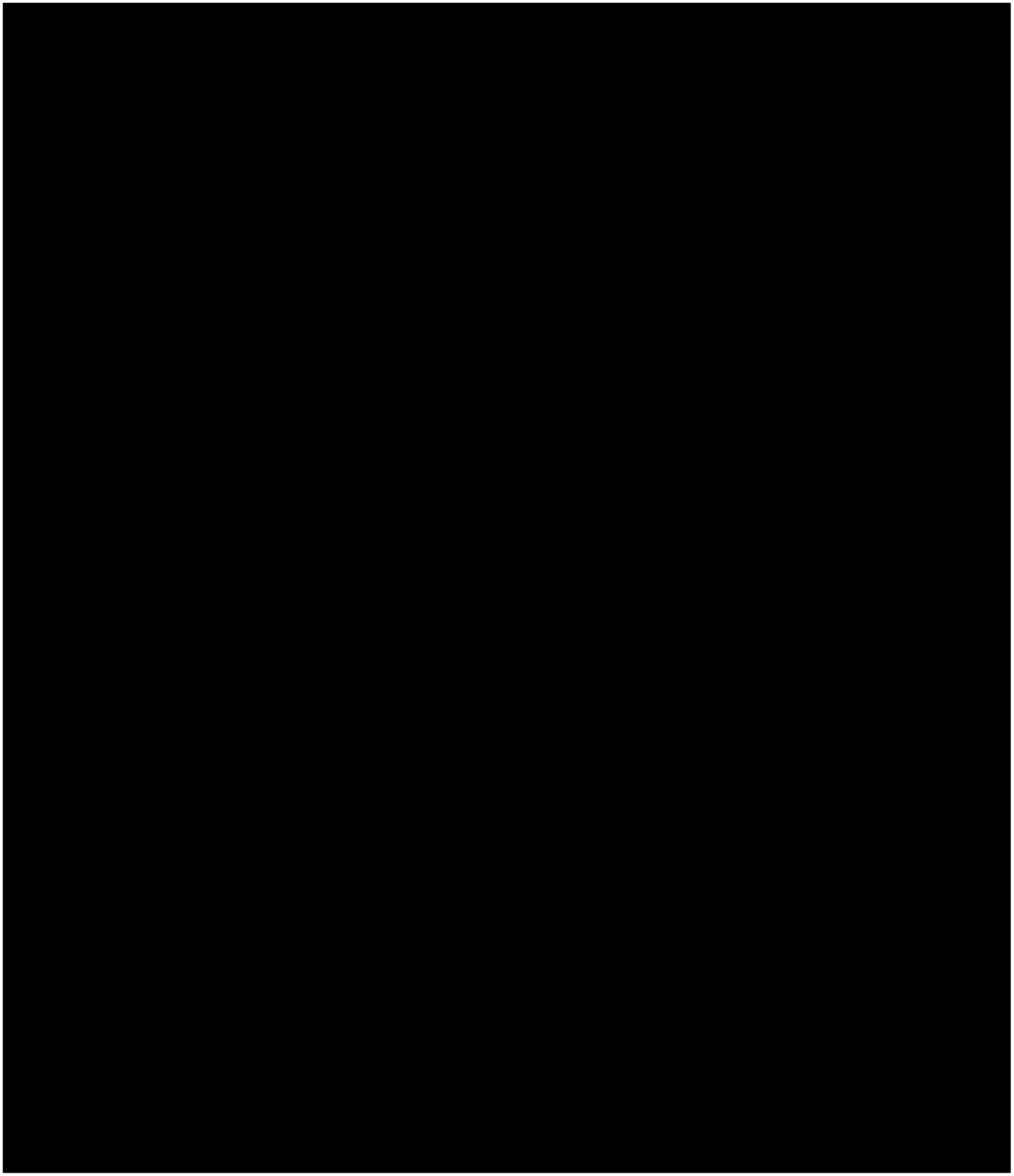

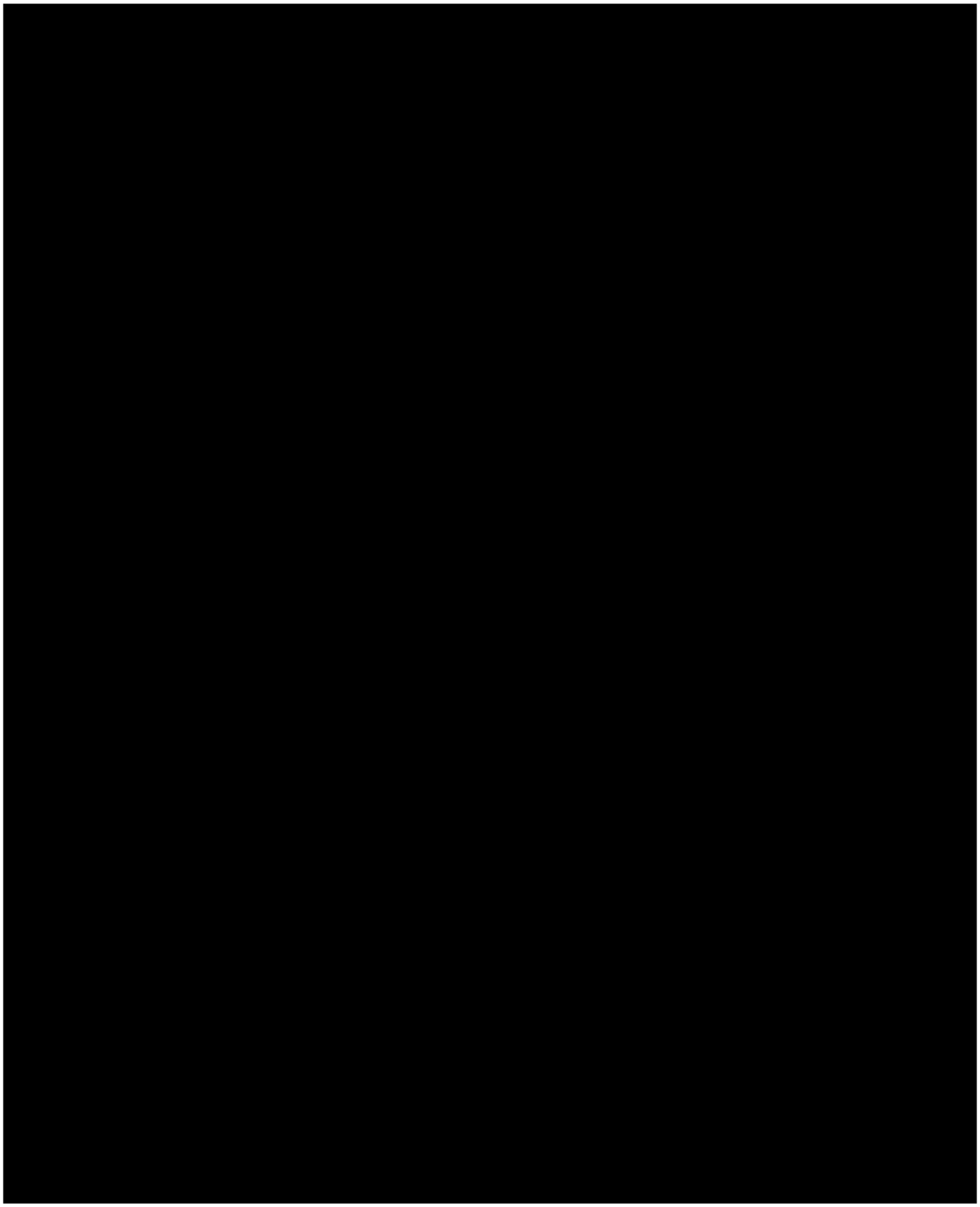

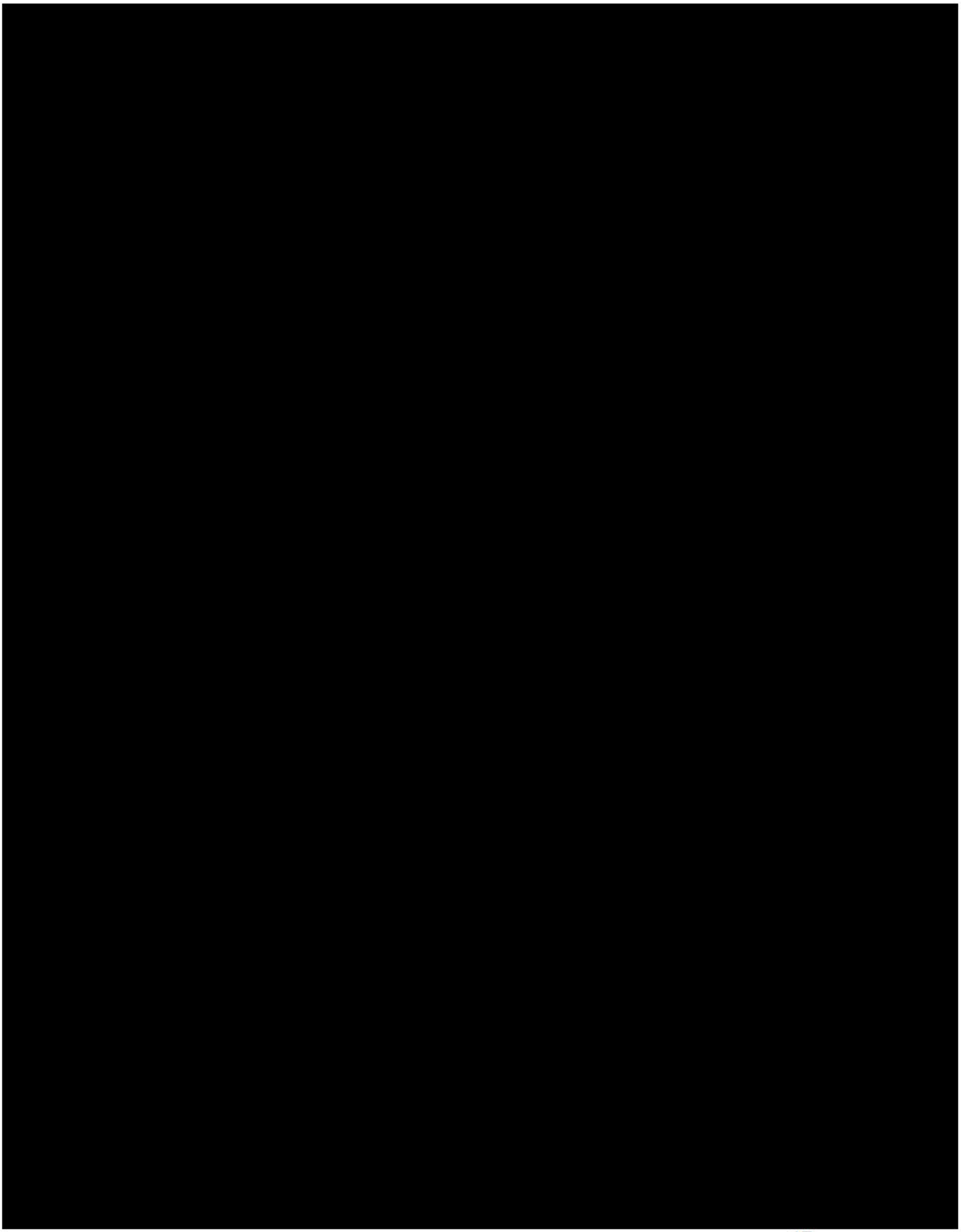

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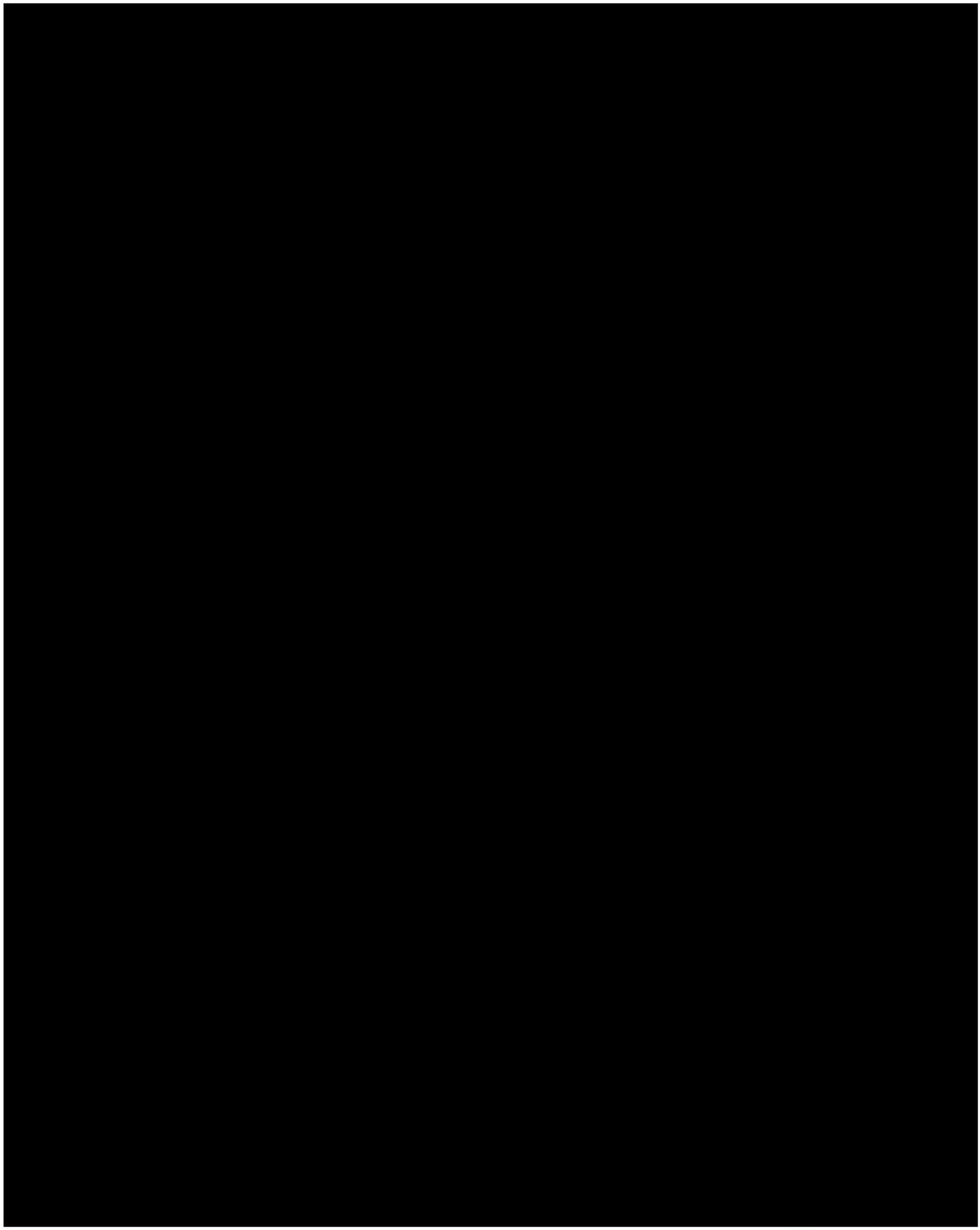

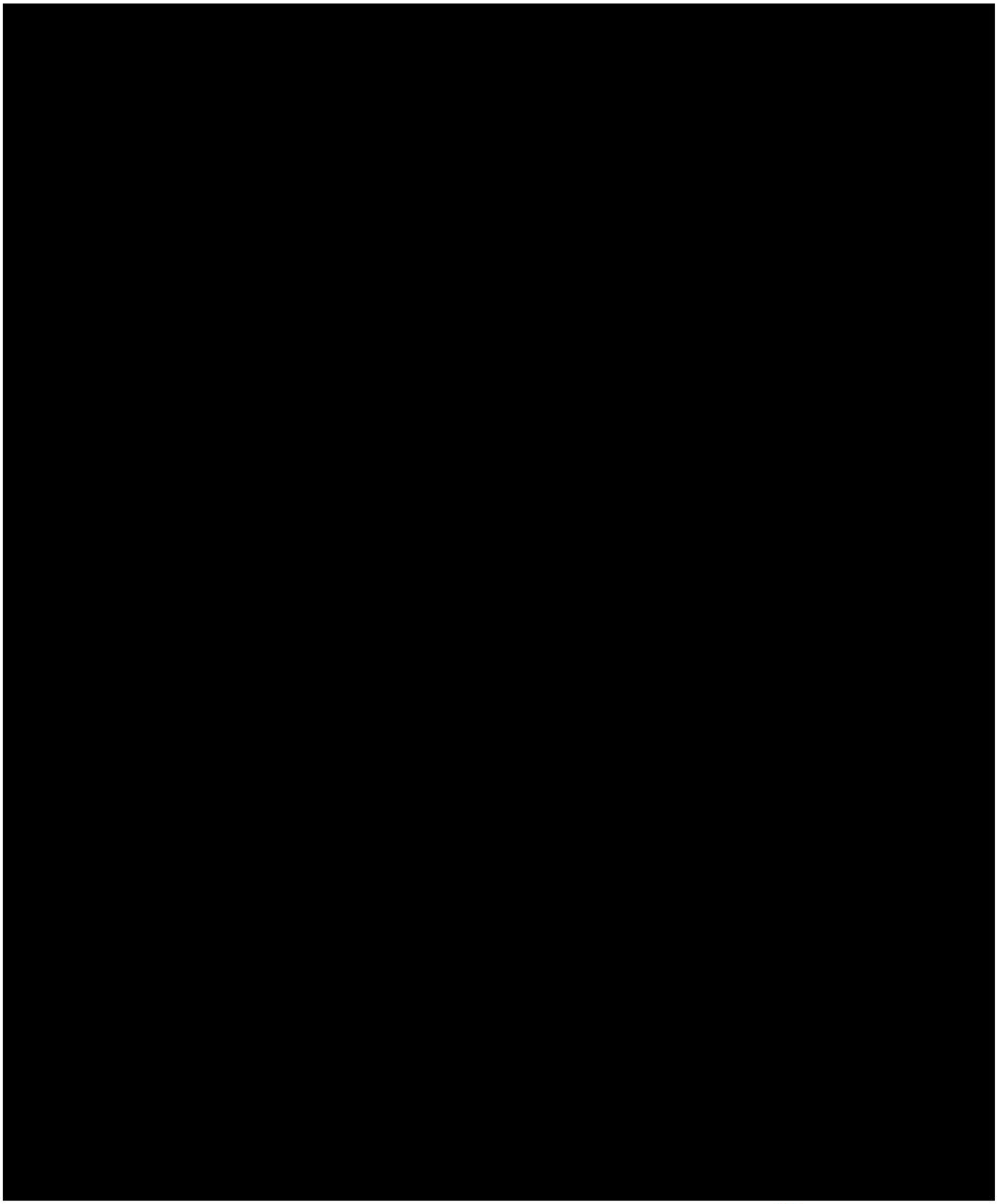

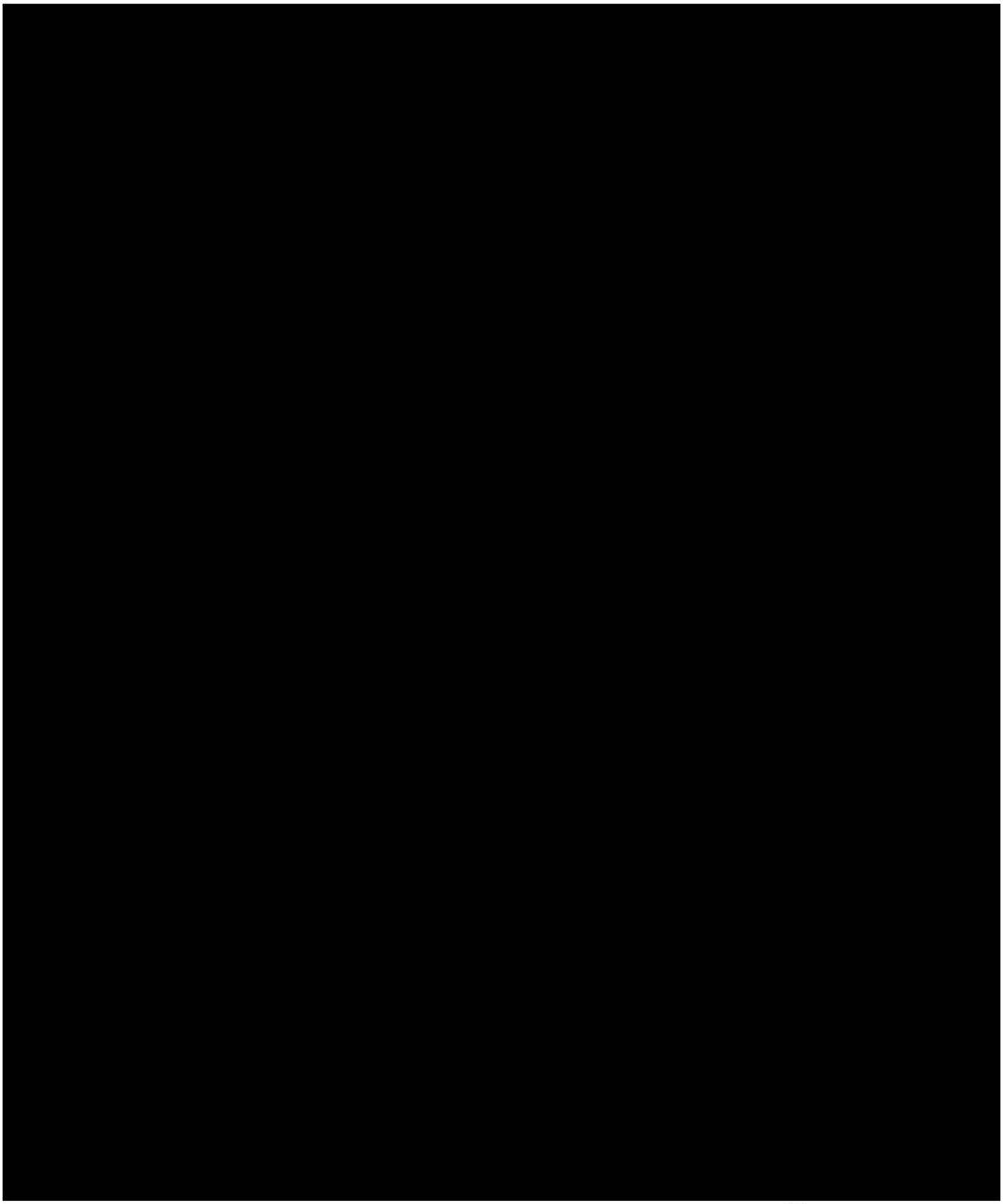

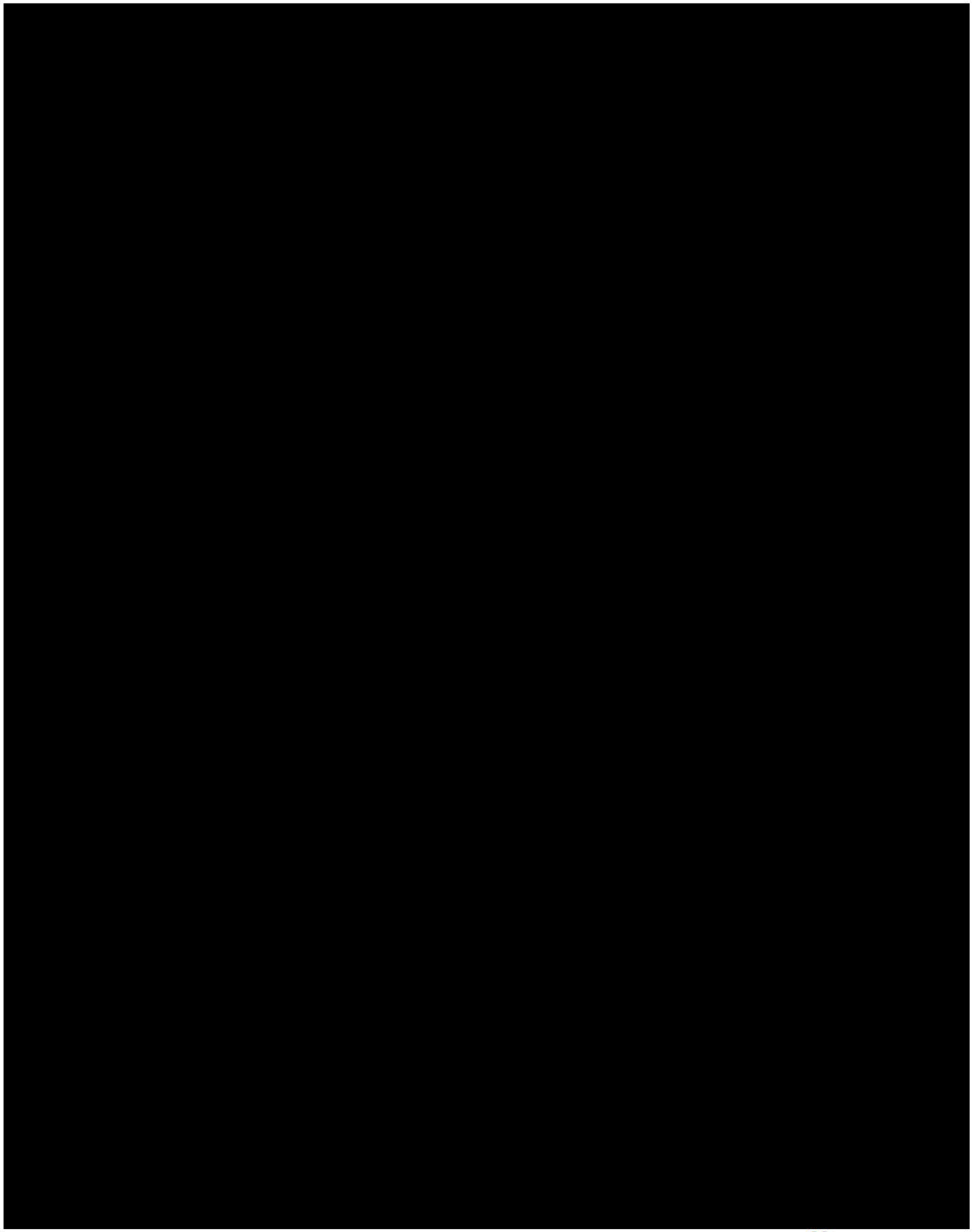

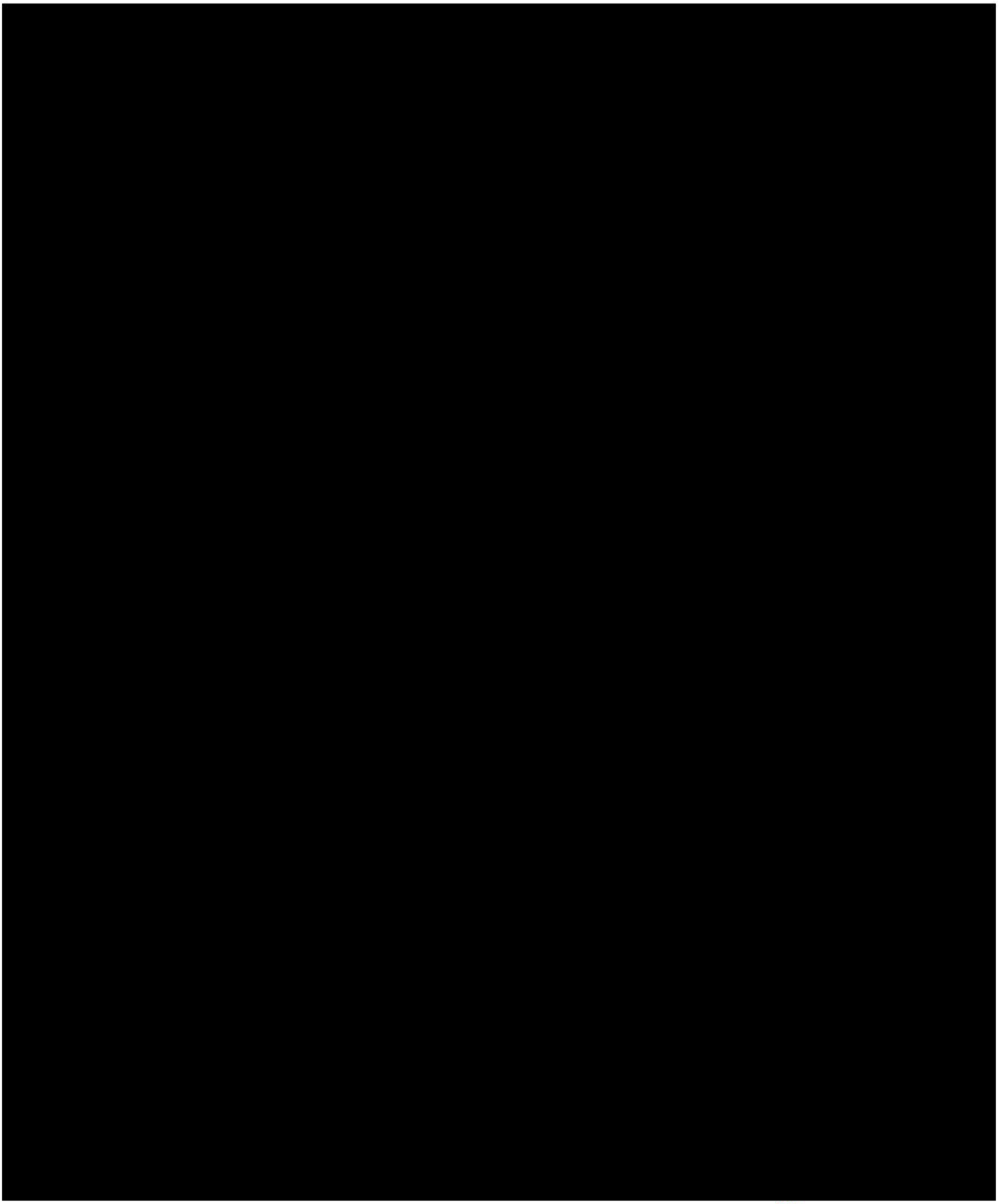

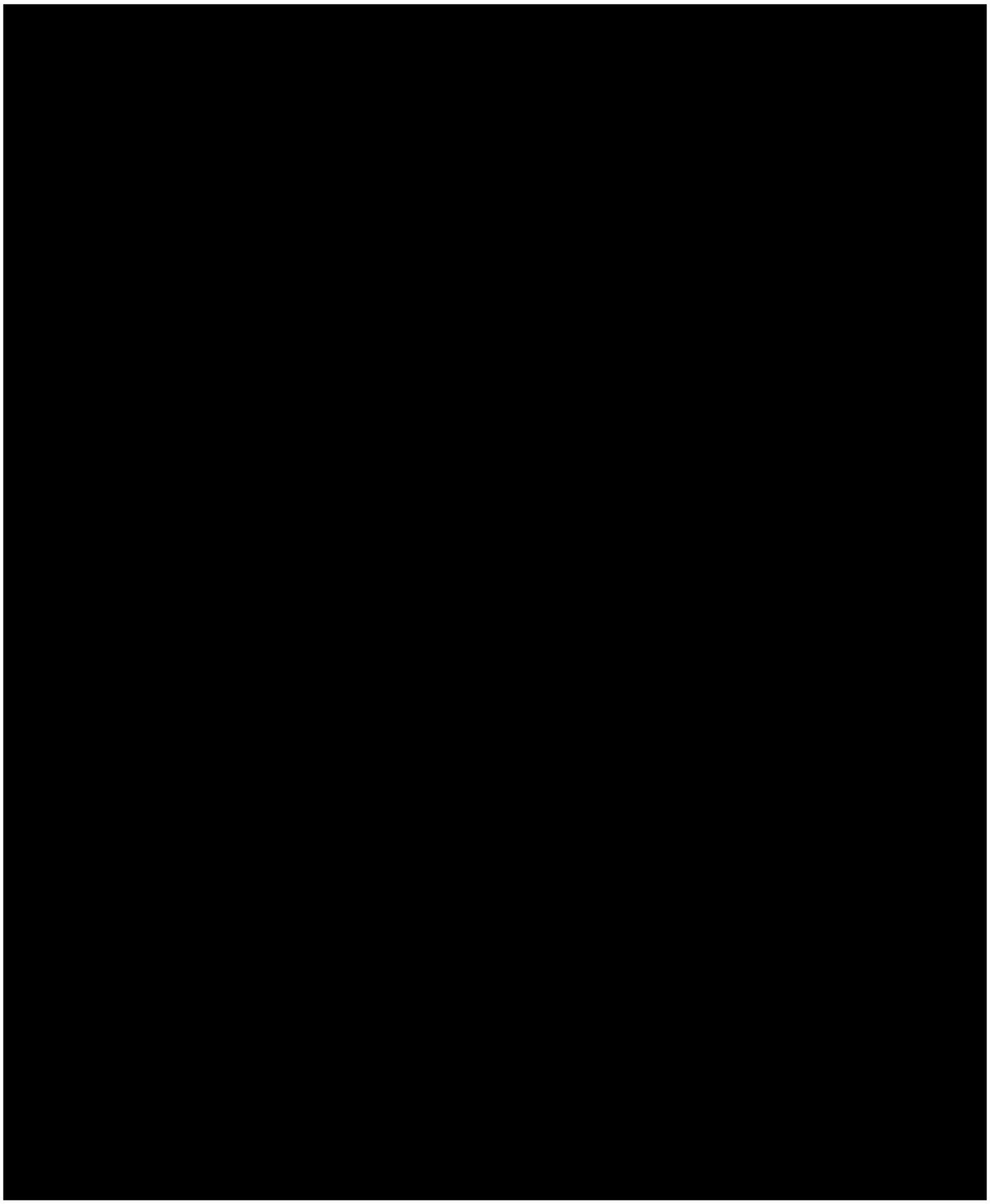

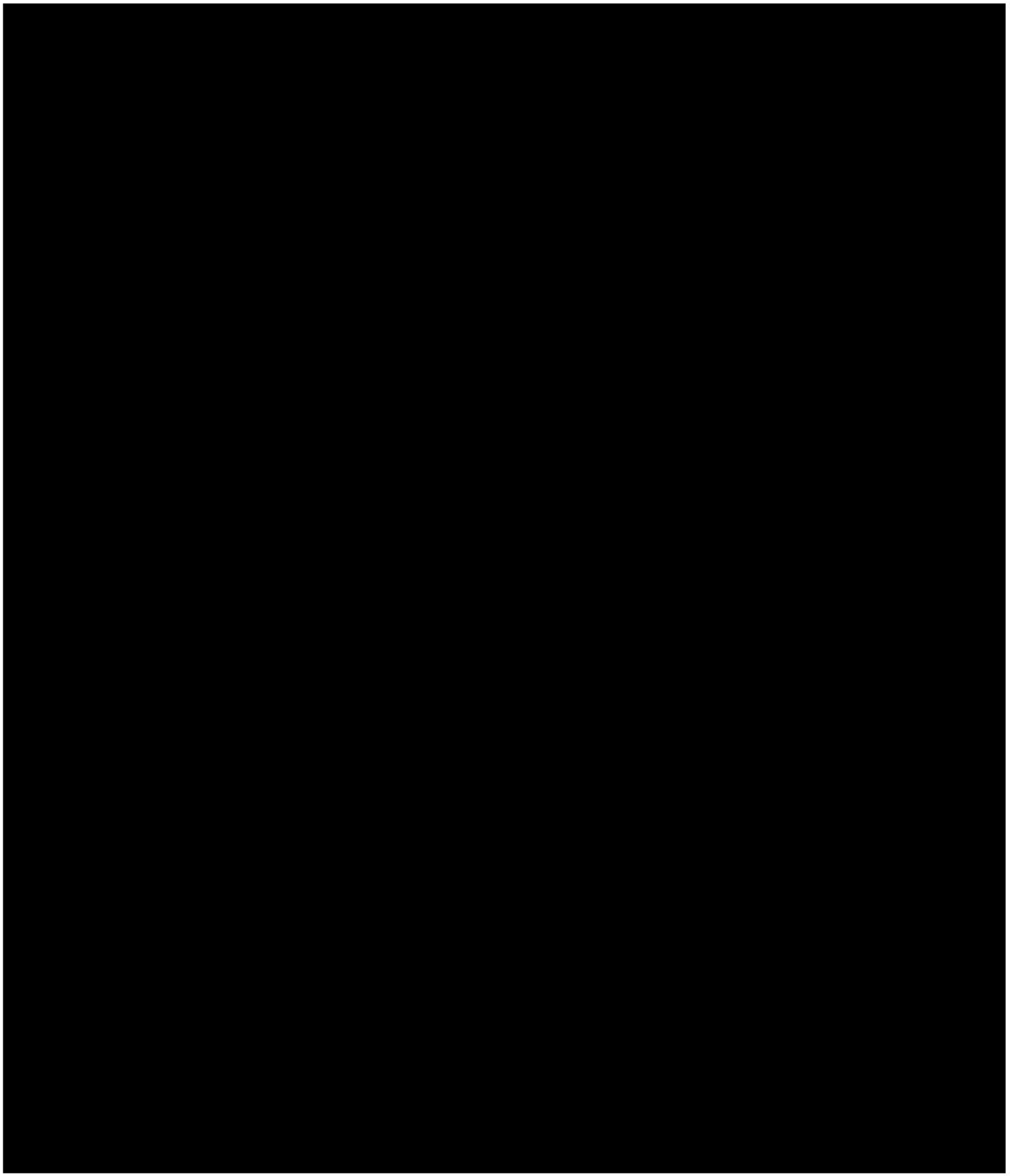

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Appendix A

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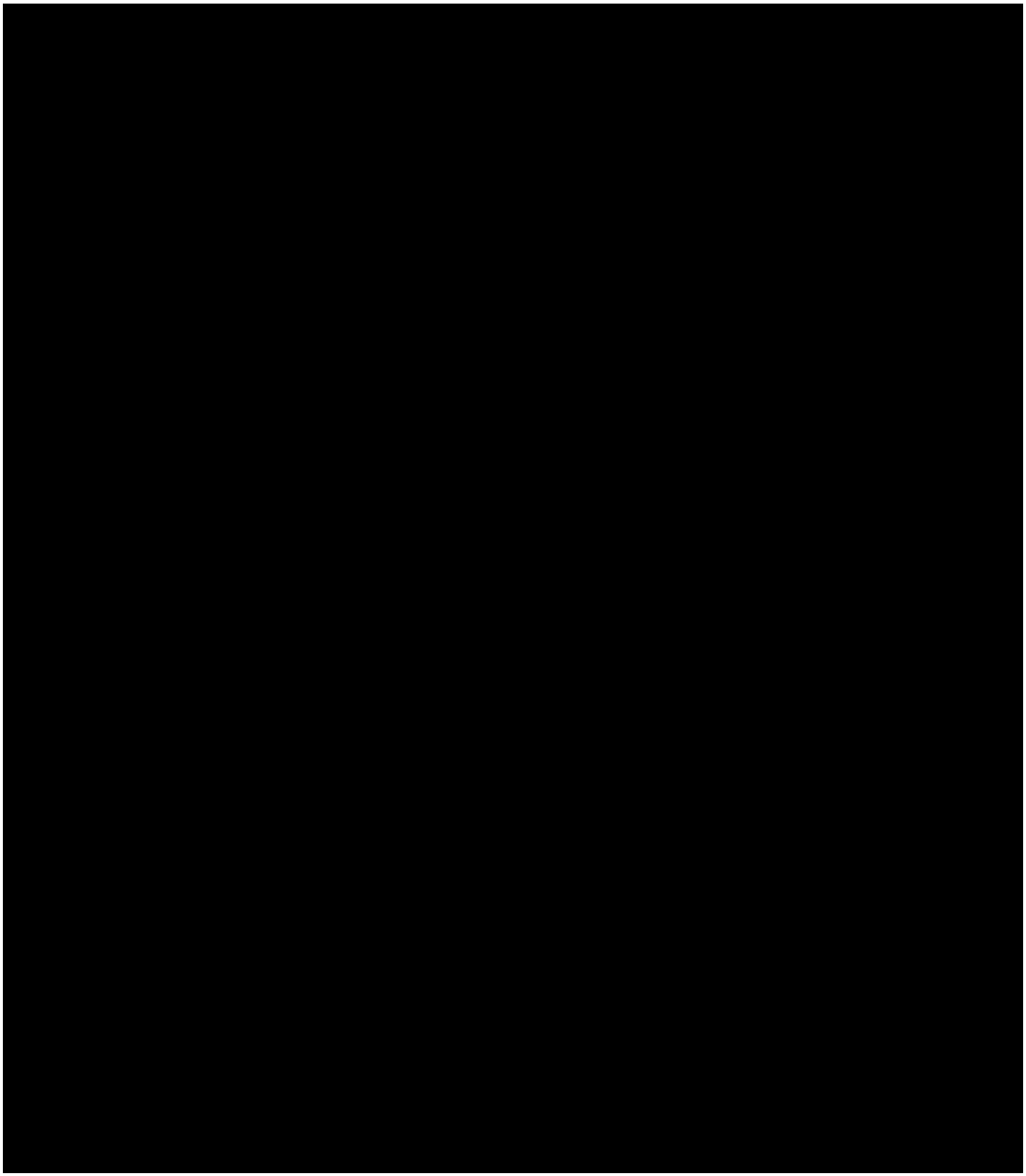
Appendix B



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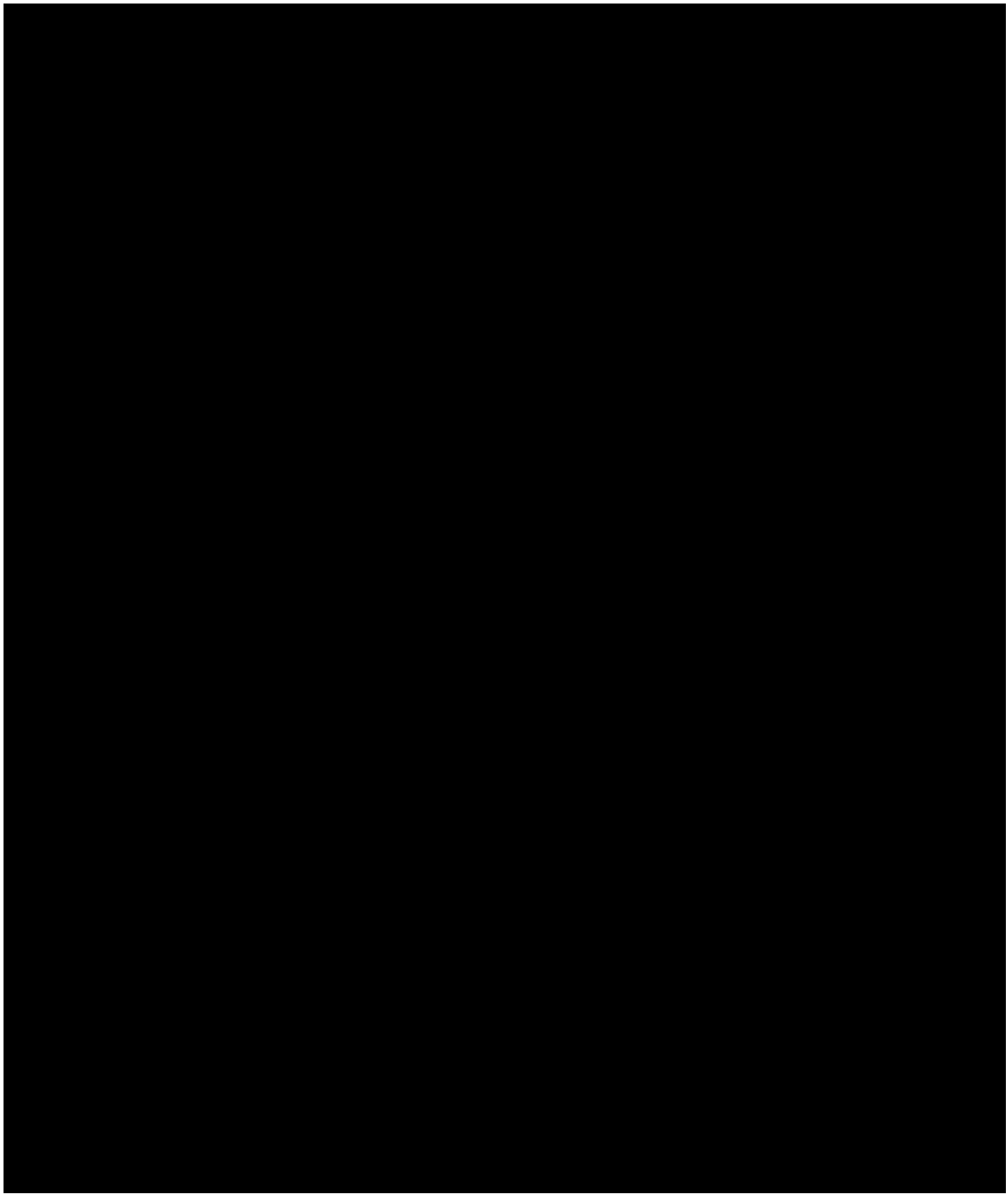

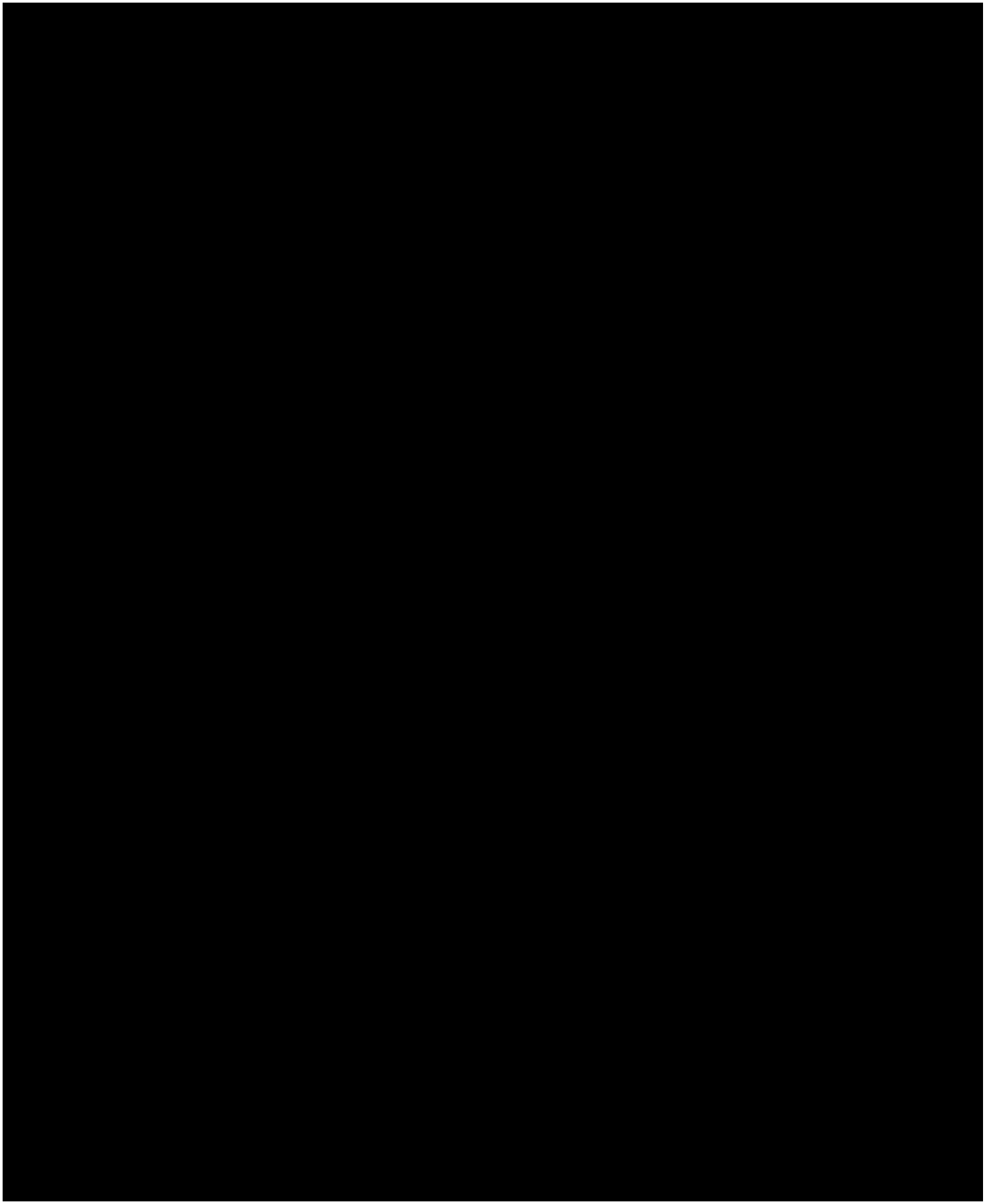

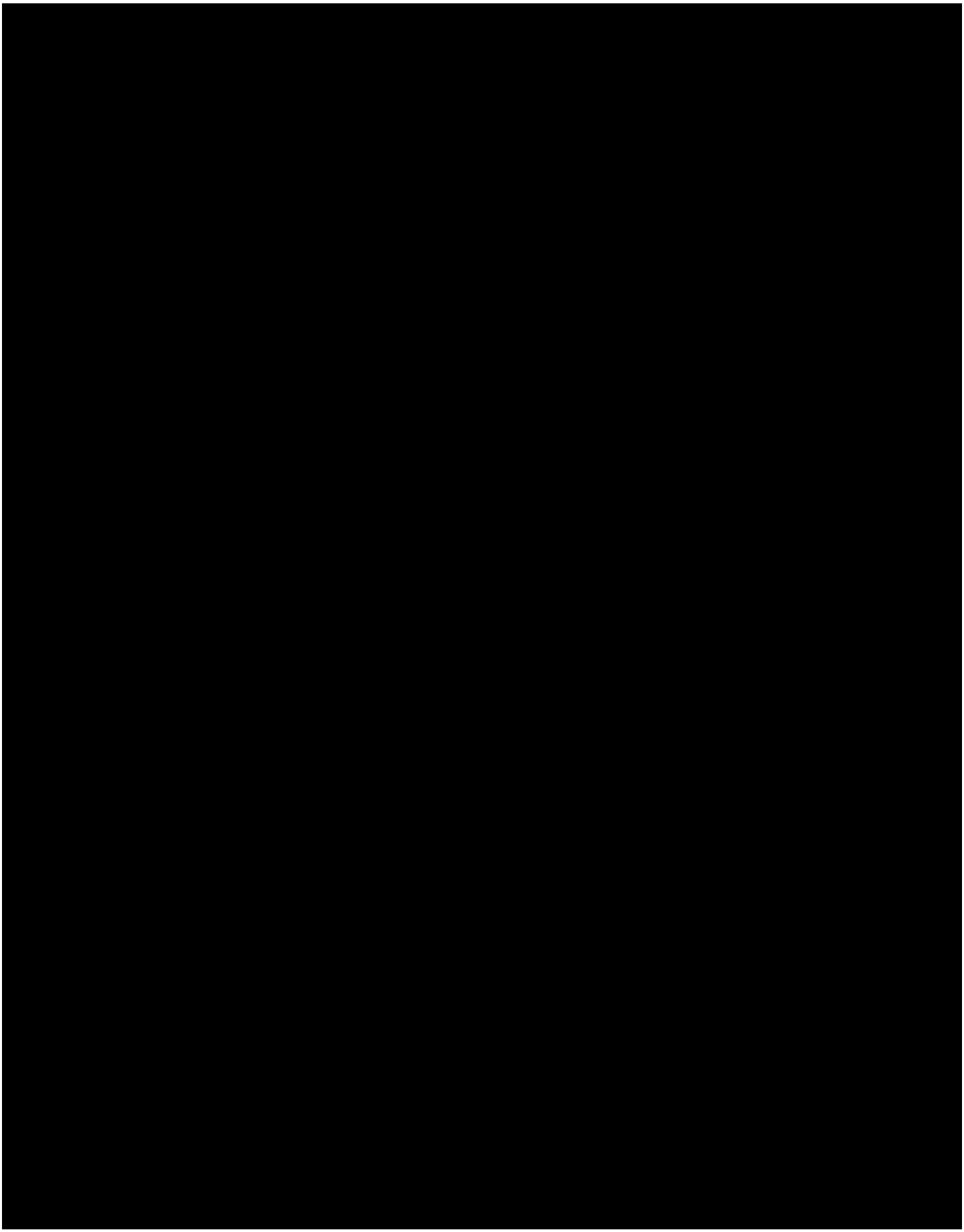

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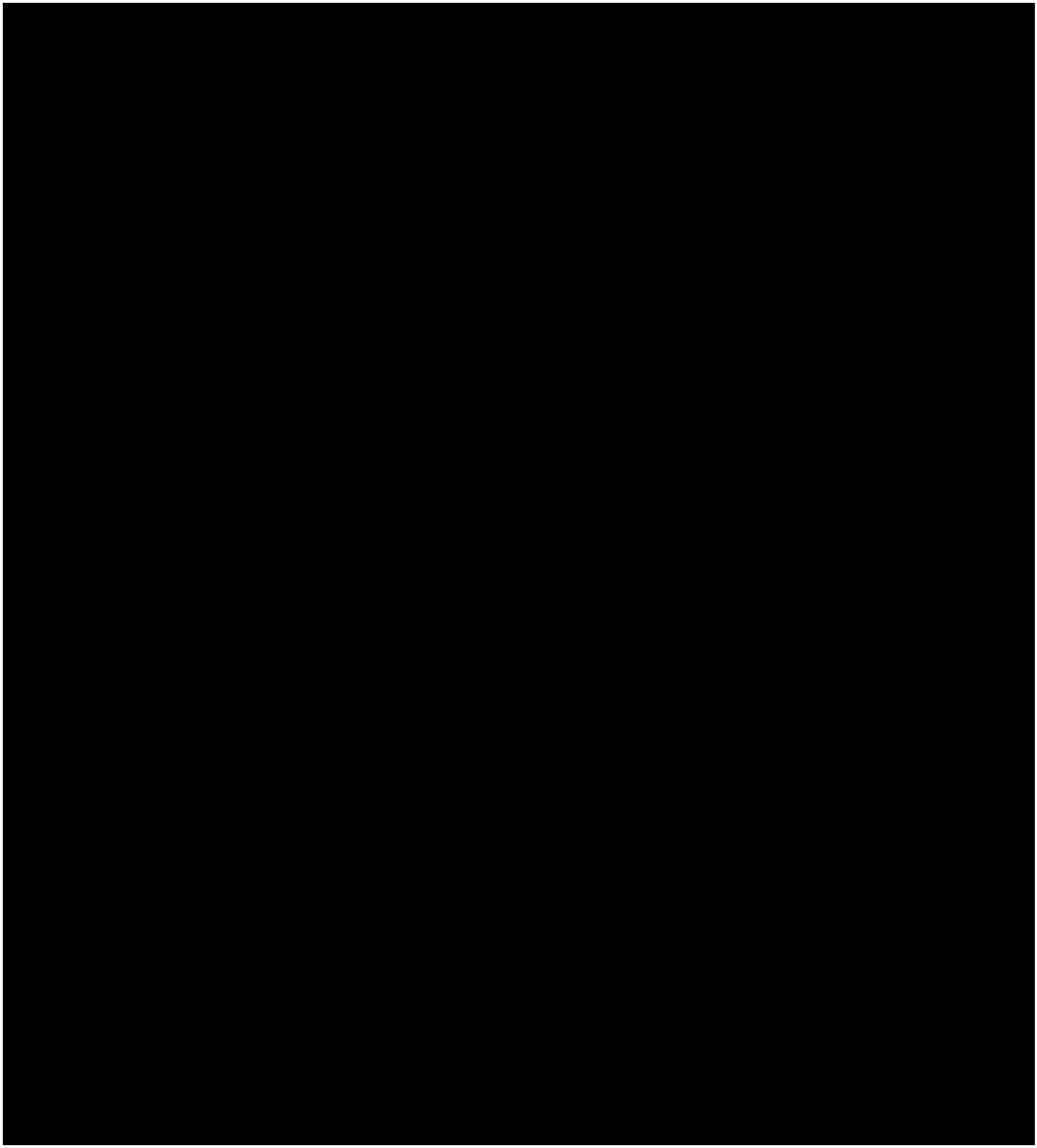

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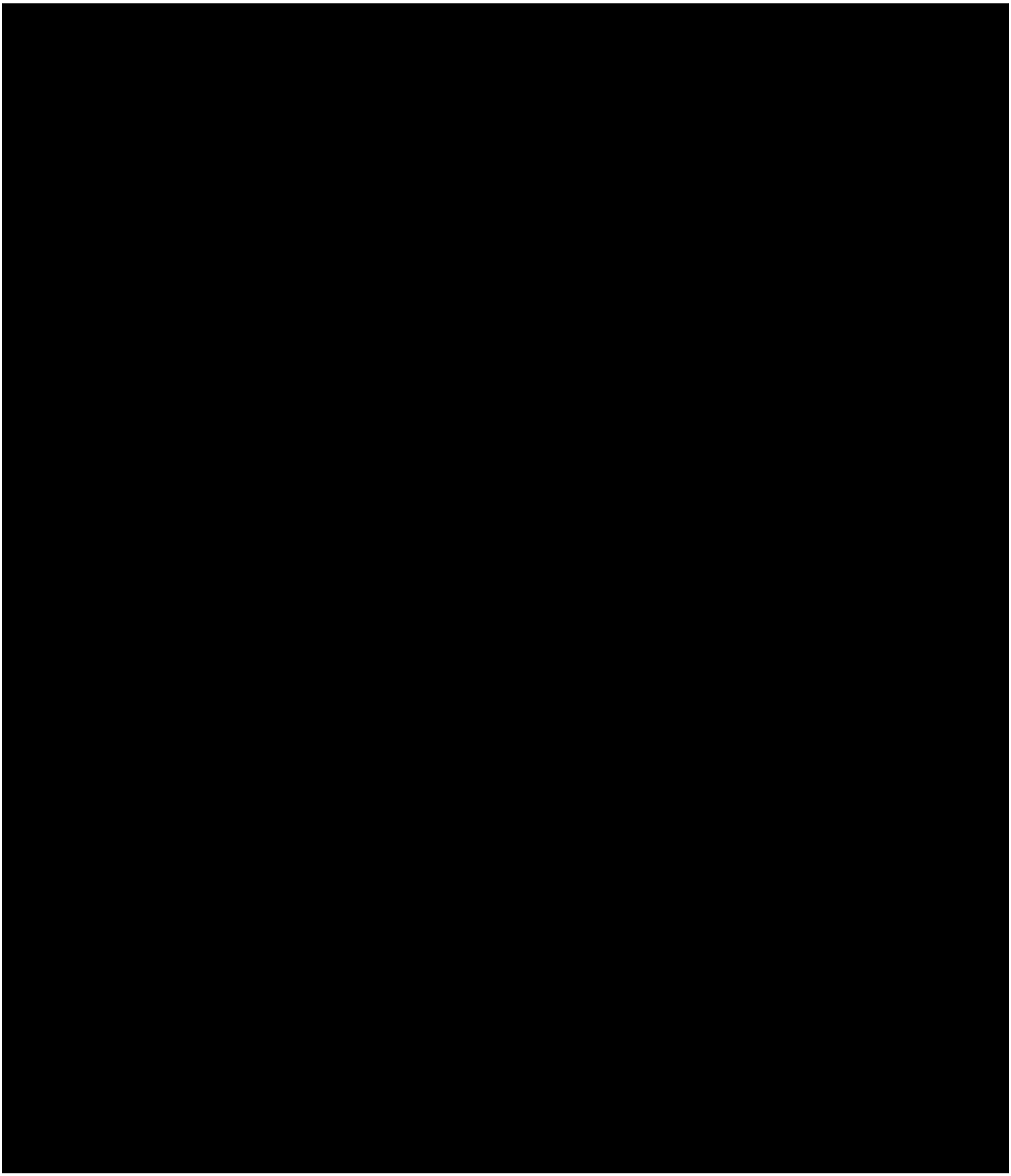
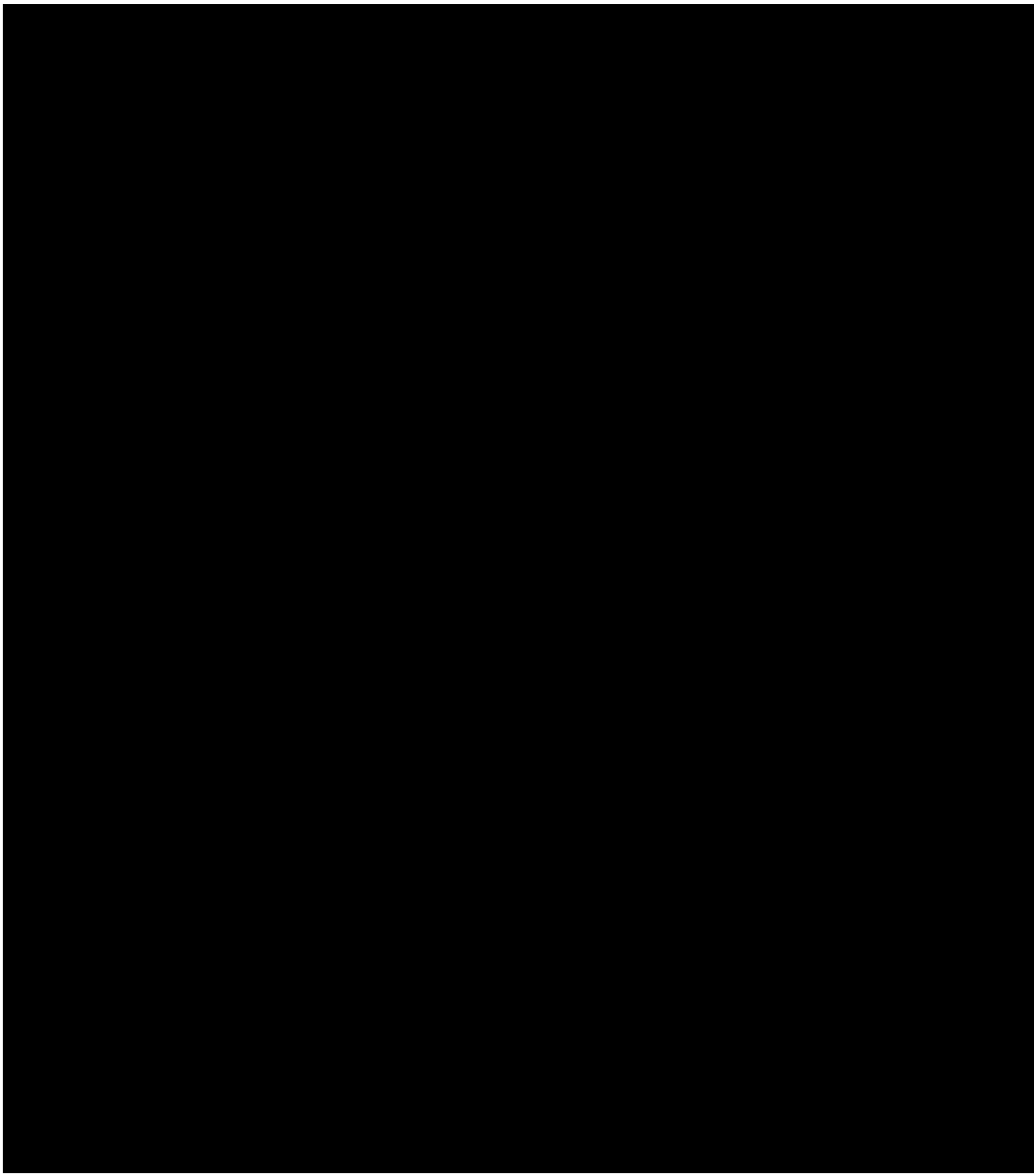


Appendix F



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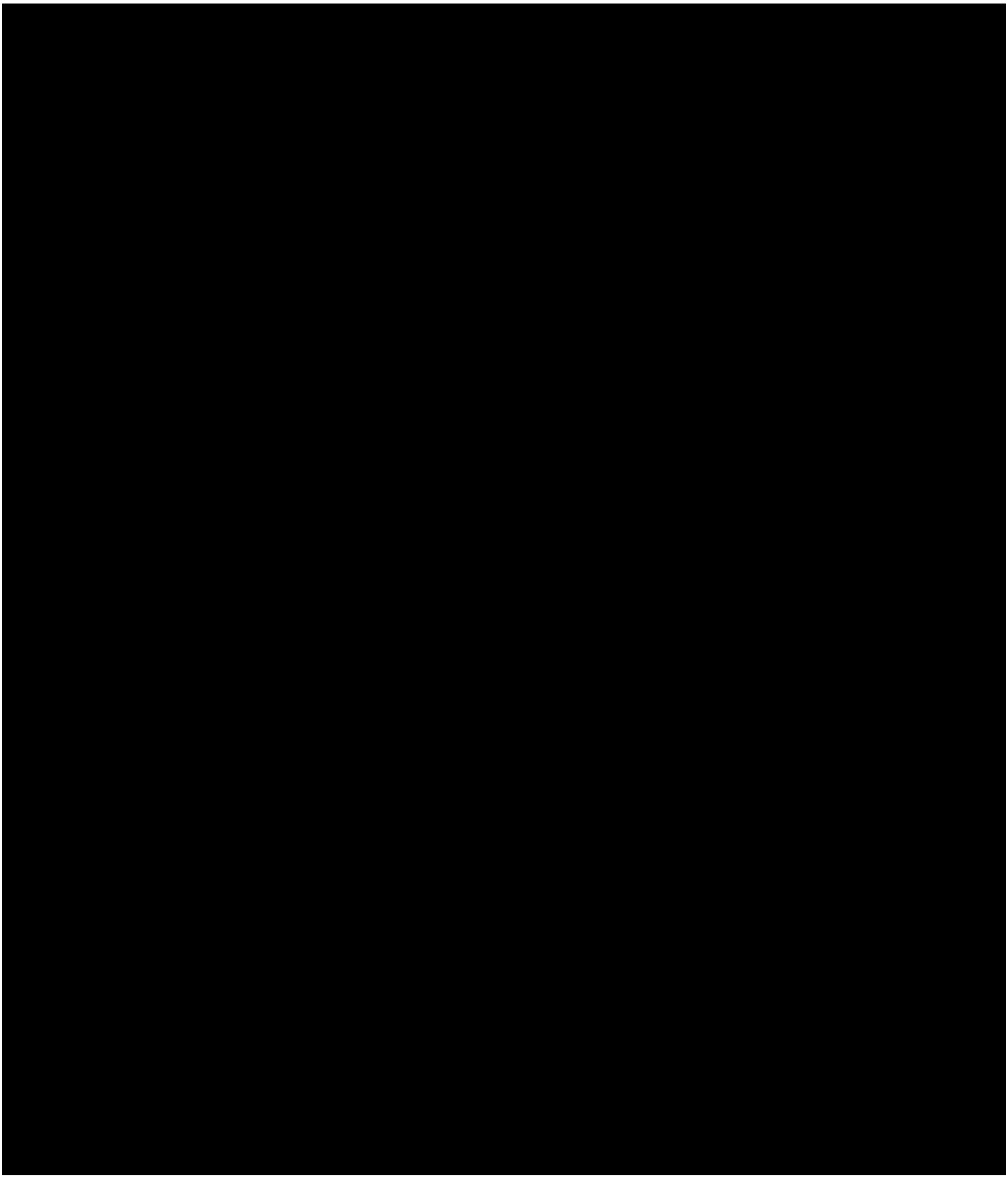
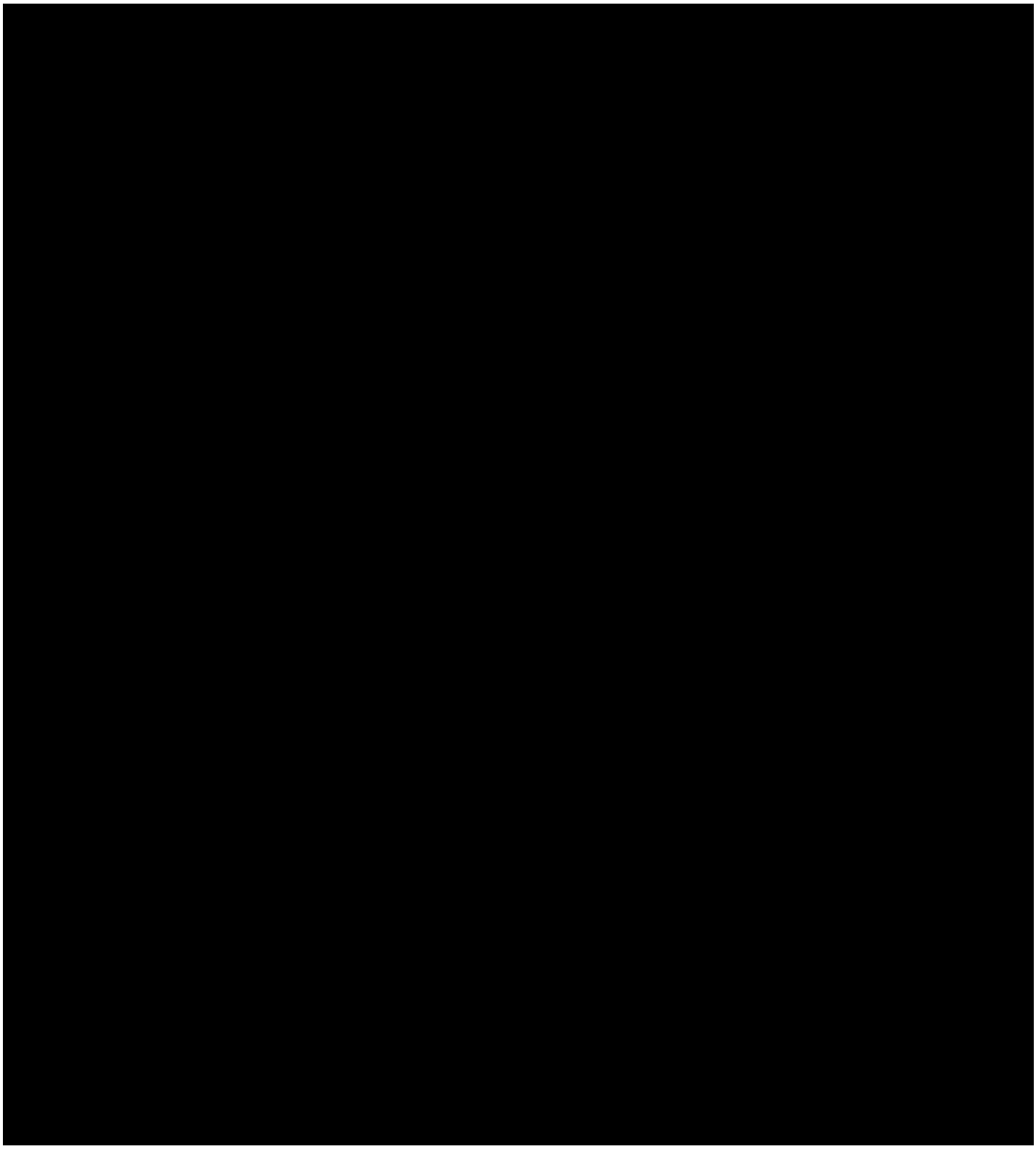


Appendix H



Appendix I

Appendix J

Risk Management Employee Acknowledgment

Employee Name:_____
(Please print)

RISK MANAGEMENT EMPLOYEE ACKNOWLEDGMENT

Global Risk Management has a combination of Policies, Risk Limits, Guidelines and procedures referred to as the "Risk Documents" that contain certain information regarding the governance and procedures of certain Duke Energy activities. Please read and review the appropriate Risk Documents. If you have any questions regarding the Risk Documents, you are to contact your immediate supervisor. It is very important that you understand how the Risk Documents apply to your current position. After reading and understanding the appropriate Risk Documents, please check the Risk Documents read and understood below and sign the Risk Management Employee Acknowledgment as instructed in the last line below.

Check all that apply:

- Duke Energy Commodity Risk Policy (applies across all entities) ☐
- Duke Energy Credit Policy (applies across all entities) ☐
- Model Review and Approval Process (applies across all entities) ☐
- Derivative Transaction Policy (applies across all entities) ☐
- Duke Energy Regulated Utilities Risk Management Control Manual ☐
- Duke Energy Forward Market Price and Volatility Curve Control Manual ☐
- Duke Energy Carolinas & Duke Energy Progress Risk Limits ☐
- Duke Energy Florida Electric Risk Limits ☐
- Duke Energy Indiana Electric Risk Limits ☐
- Duke Energy Kentucky Electric Risk Limits ☐
- Duke Energy Ohio (Reg) Electric Risk Limits ☐
- Duke Energy Credit Limits for DEC, DEP, DE-IN, DE-KY ☐
- Duke Energy Florida Credit Limits ☐
- Delegation of Authority – Fuels & Systems Optimization ☐

I have read the Risk Documents as indicated above outlining Duke Energy's expectations of me. I understand and acknowledge these Risk Documents apply to my position. I acknowledge and agree that it is my responsibility to comply with all aspects of the Risk Documents as well as any future revisions made to the Risk Documents. If I encounter a situation in which I do not know how the Risk Documents applies, I will contact my immediate supervisor.

I further acknowledge and agree that I will contact my immediate supervisor should my responsibilities at Duke Energy change and questions arise regarding the application of the Risk Documents to my new position and/or responsibilities.

I understand and acknowledge that my failure to comply with the Risk Documents will result in corrective action, up to and including termination.

I ACKNOWLEDGE AND UNDERSTAND THAT NEITHER THE RISK DOCUMENTS EMPLOYEE ACKNOWLEDGMENT NOR ANY OF DUKE ENERGY'S POLICIES OR PROCEDURES, INDIVIDUALLY OR TOGETHER, CONSTITUTE A GUARANTEE OF CONTINUED EMPLOYMENT, CREATE A CONTRACT OF EMPLOYMENT OR ALTER THE AT-WILL NATURE OF MY EMPLOYMENT IN ANY WAY.

_____/_____

Employee Signature / Date

_____

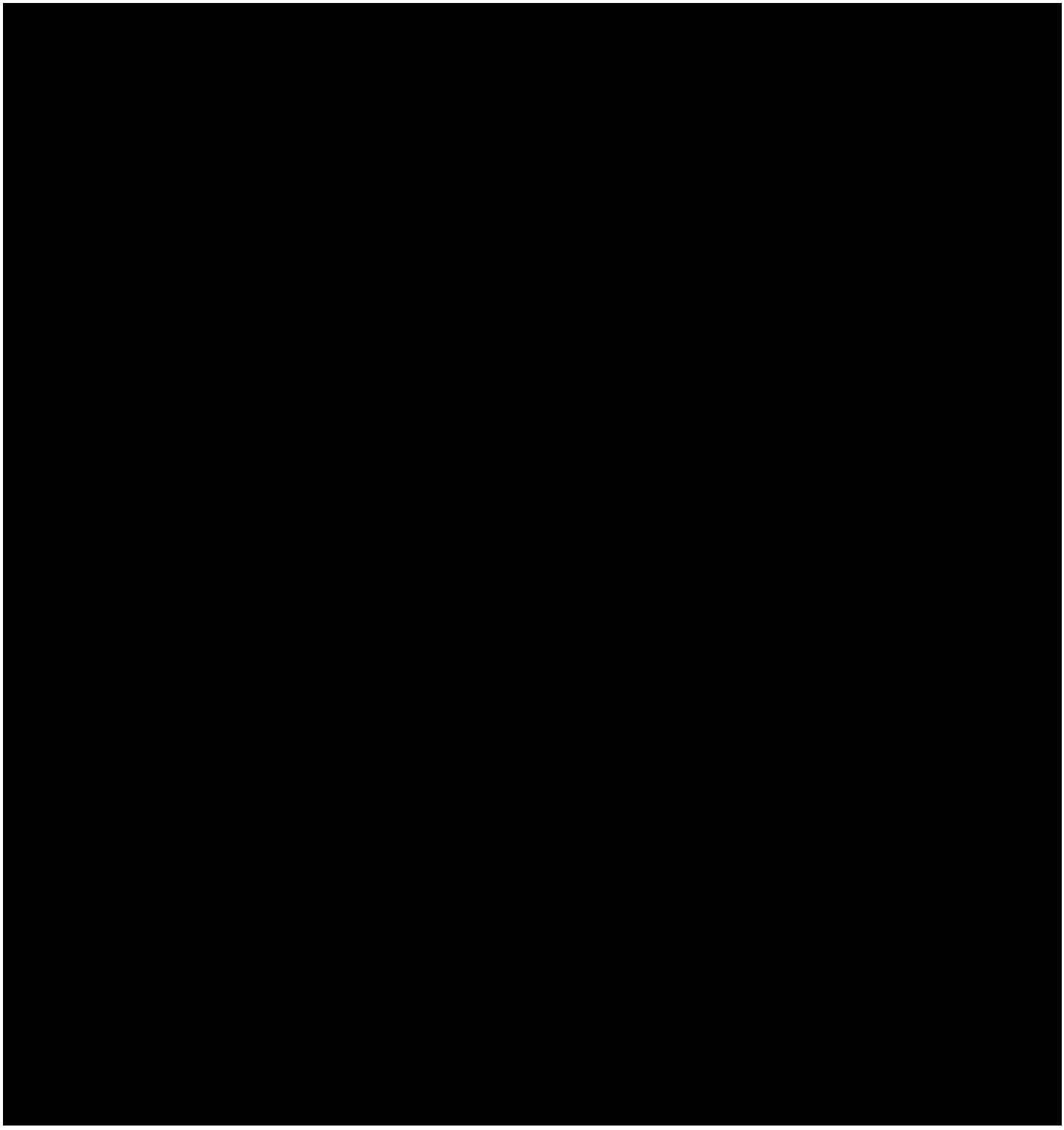
Employee Title

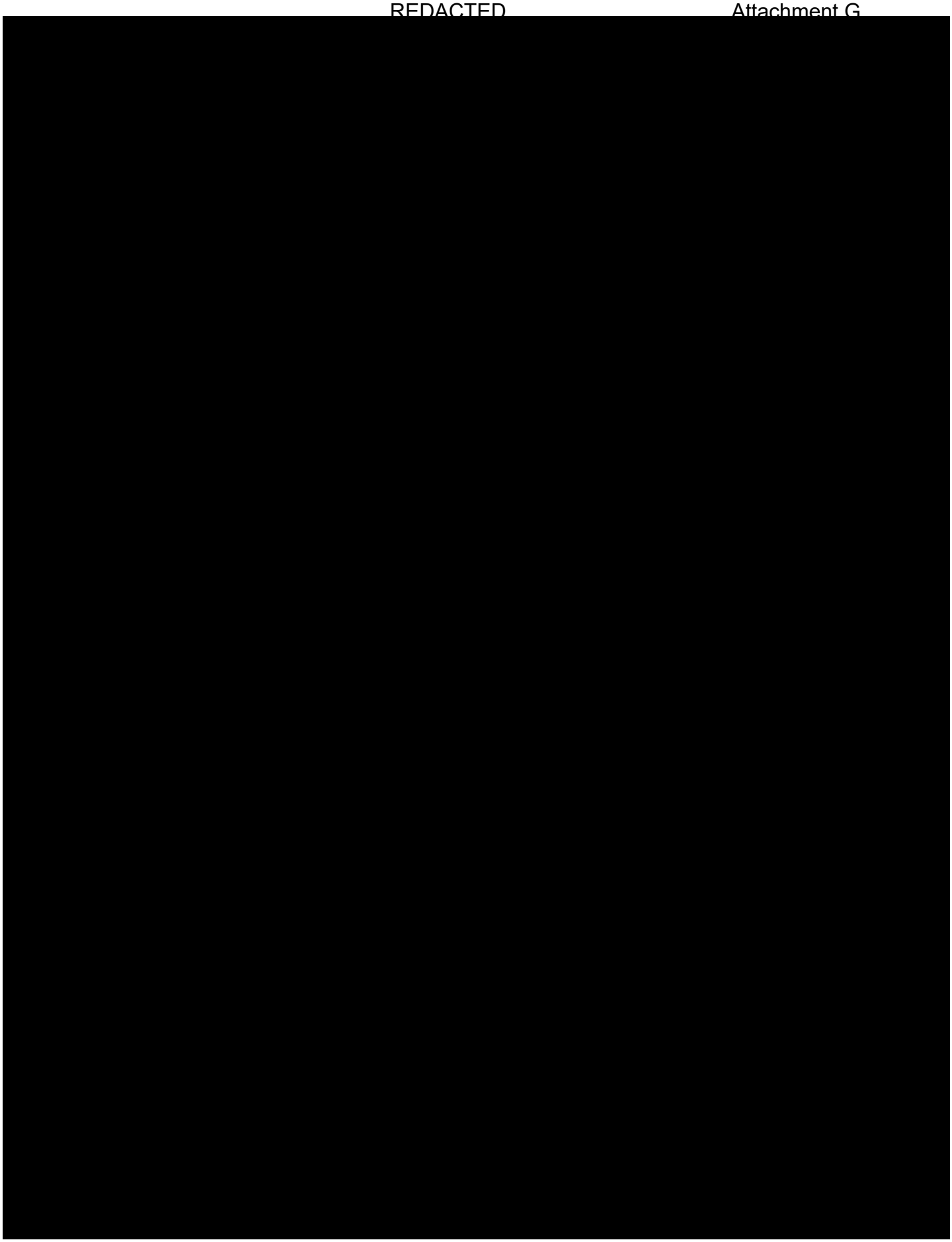
_____

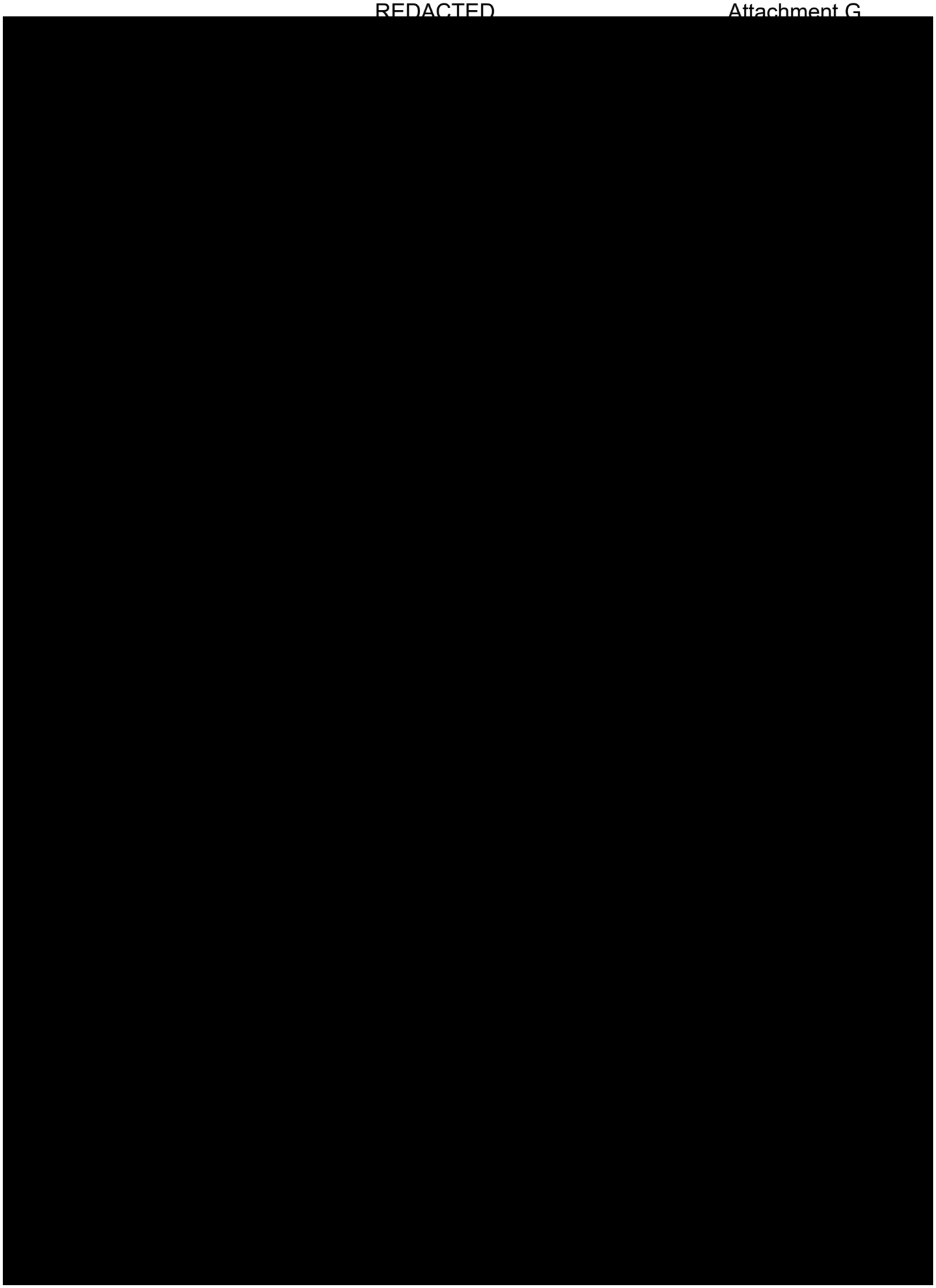
Print Full Name

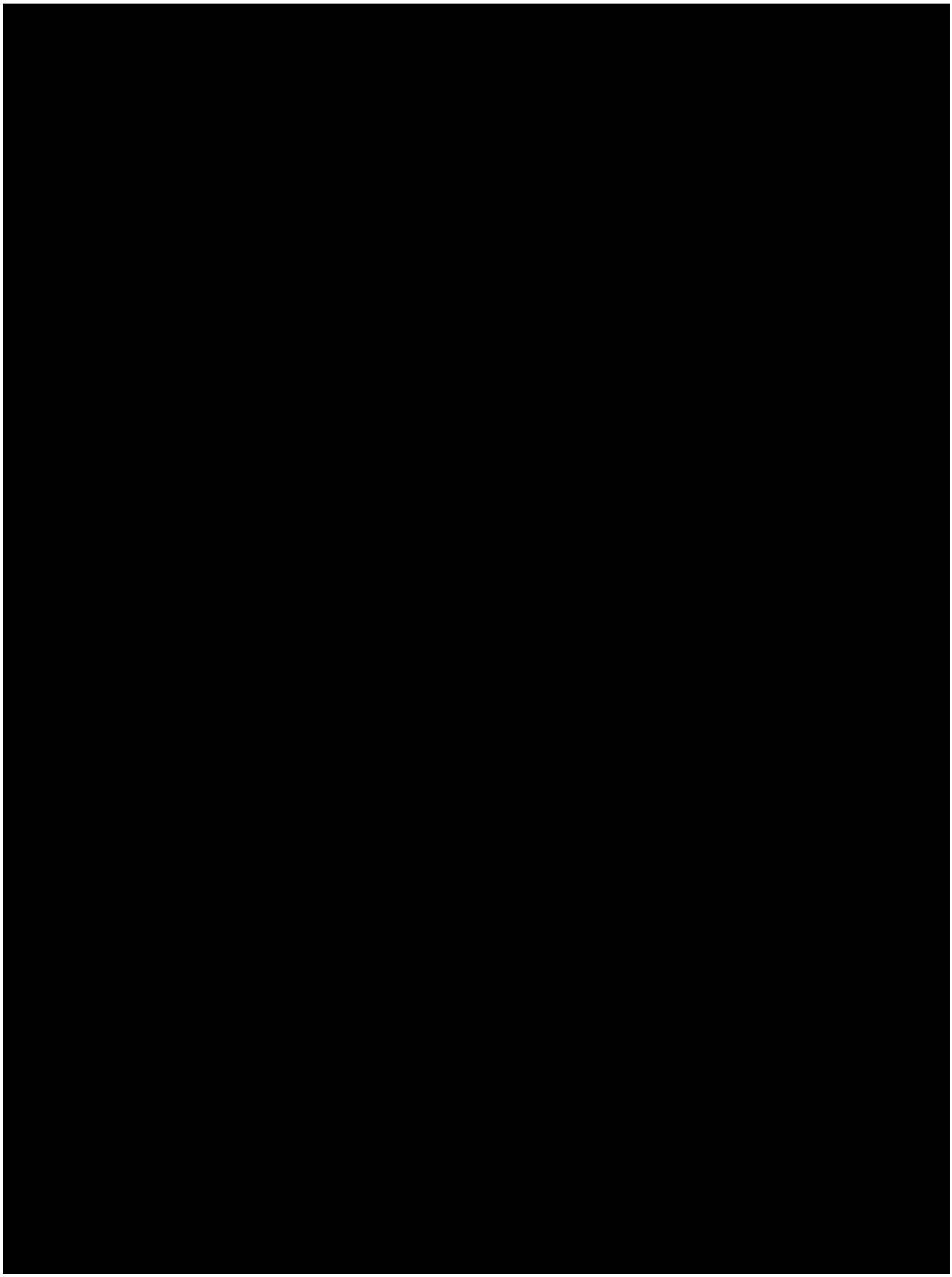
Appendix K

FERC 741 Officer Certification Process



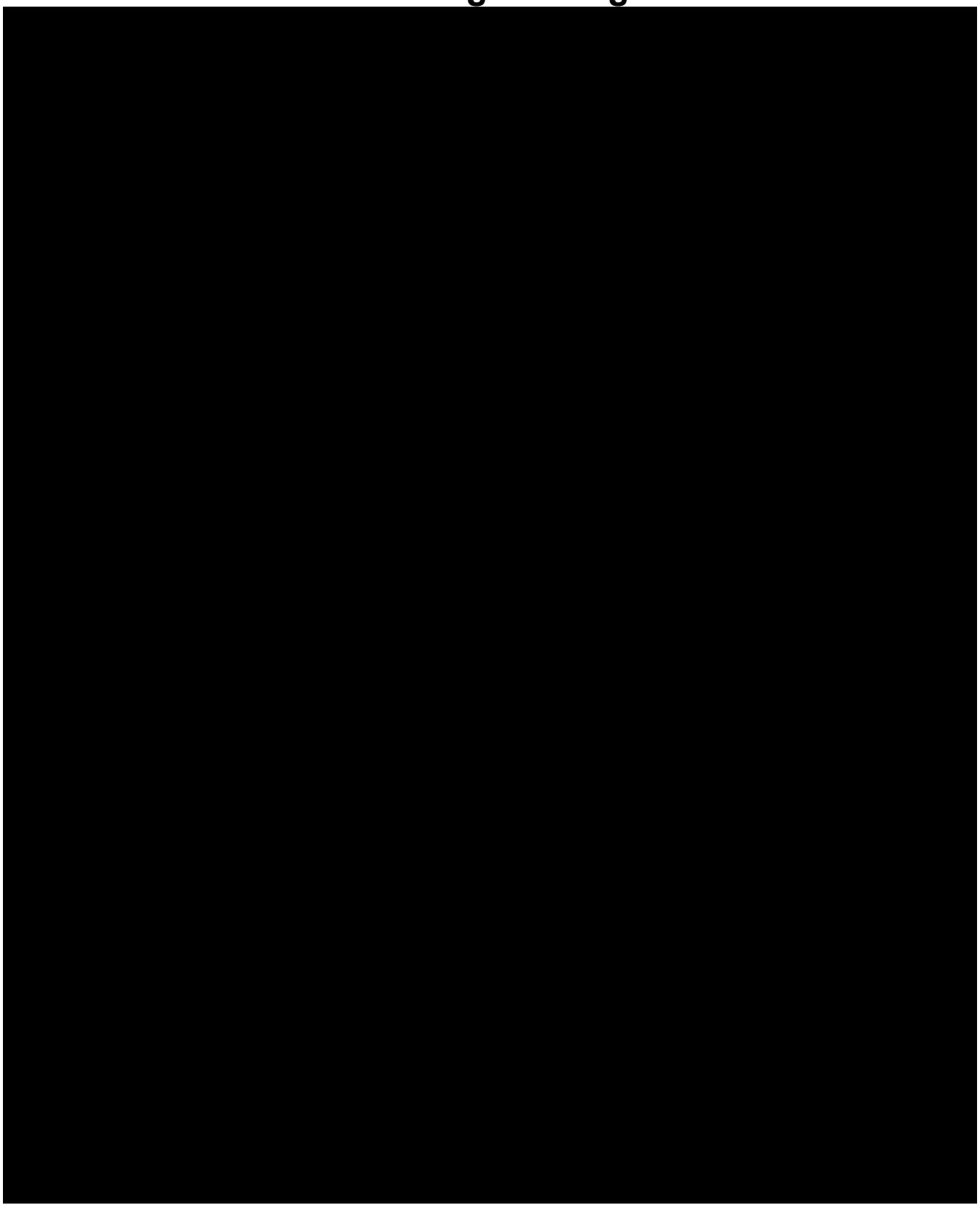


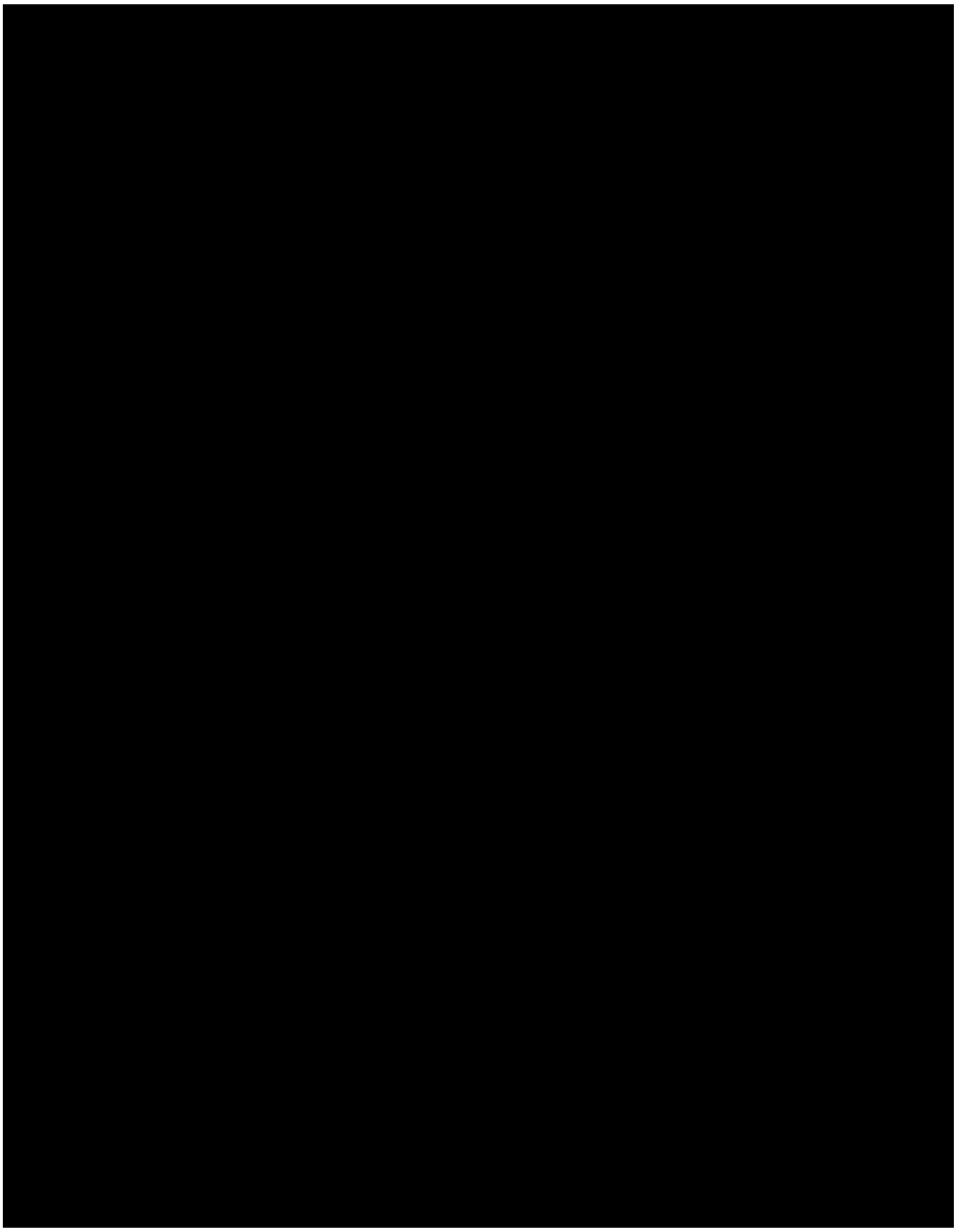




Appendix L

Fuels and Systems Optimization
Electronic Futures Exchange Management Procedures





Attachment H

FERC 741
Risk Management Employee Acknowledgment

Employee Name:_____
(Please print)

RISK MANAGEMENT EMPLOYEE ACKNOWLEDGMENT

Global Risk Management & Insurance has a combination of Policies, Risk Limits, Guidelines and procedures referred to as the "Risk Documents" that contain certain information regarding the governance and procedures of certain Duke Energy activities. Please read and review the appropriate Risk Documents. If you have any questions regarding the Risk Documents, you are to contact your immediate supervisor. It is very important that you understand how the Risk Documents apply to your current position. After reading and understanding the appropriate Risk Documents, please check the Risk Documents read and understood below and sign the Risk Management Employee Acknowledgment as instructed in the last line below.

Check all that apply:

- Duke Energy Commodity Risk Policy (applies across all entities) ……. ☐
- Duke Energy Credit Policy (applies across all entities) …….. ☐
- Model Review and Approval Process (applies across all entities) ..…… ☐
- Derivative Transactions Governance Policy (applies across all entities) ……. ☐
- Duke Energy Regulated Utilities Risk Management Control Manual……. ☐
- Duke Energy Forward Market Price and Volatility Curve Control Manual……. ☐
- Duke Energy Carolinas & Duke Energy Progress Risk Limits …… ☐
- Duke Energy Florida Electric Risk Limits ….…..…… ☐
- Duke Energy Indiana Electric Risk Limits …….……..…….. ☐
- Duke Energy Kentucky Electric Risk Limits……..……... ☐
- Duke Energy Ohio (Reg) Electric Risk Limits ……. ☐
- Duke Energy Credit Limits for DEC, DEP, DE-IN, DE-KY..……..……... ☐
- Duke Energy Florida Credit Limits……....…….. ☐
- Delegation of Authority – Fuels & Systems Optimization …….. ☐

I have read the Risk Documents as indicated above outlining Duke Energy's expectations of me. I understand and acknowledge these Risk Documents apply to my position. I acknowledge and agree that it is my responsibility to comply with all aspects of the Risk

Documents as well as any future revisions made to the Risk Documents. If I encounter a situation in which I do not know how the Risk Documents applies, I will contact my immediate supervisor.
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_____/_____
Employee Signature / Date

_____
Employee Title

_____
Print Full Name

Attachment I

Company Guidelines and Procedures

Document Title	Document Summary
Approval of Business Transactions Policy	The Approval of Business Transactions (ABT) Policy outlines the minimum reviews and approvals required for the execution of transactions, documents and forms necessary for the conduct of business.
Authority Limit Matrix from the Approval of Business Transactions Policy	Duke approval limits for specific employees for purchase or sale of commodities, storage, transportation or capacity or other sales.
Coal and Emission Reducing Chemicals Procurement Procedure	This policy defines the roles, responsibilities, and requirements of negotiation, execution and administration of contracts for the purchase and transportation of fuel and emission reducing chemicals (e.g., coal, lime, limestone, trona, ammonia, urea, freeze-proofing, railcar lease and maintenance, etc.) within the U.S. Franchised Electric and Gas organization of Duke Energy Corporation (“Duke Energy” or the “Corporation” or the “Company”). Specific topics addressed include required approvals, the sourcing process, documentation, segregation of duties, and standards of business conduct.
Coal Combustion Products (CCPs) Reuse Procedure	The purpose of this procedure is to define the process by which coal combustion products (CCPs) are commercially reused. CCPs are formed during the combustion of coal and may include, but are not limited to, fly ash, bottom ash, and synthetic gypsum.
Commodity Risk Policy	The purpose of the Commodity Risk Policy ("the Policy") is to provide clear and consistent directives in the identification, quantification, management and communication of commodity risk across the Enterprise. This Policy covers all sales or purchases of commodities, storage, transport, capacity or fuel procurement and related services, and contracts with embedded commodity exposure. Approved commodities include both standardized products as well as structured contractual products and must be listed in the Approved Commodities section of the applicable risk limits for each Business Unit.
Constrained Operations Application	This procedure establishes the roles and responsibilities for use of the Constrained Operation Application by System Operations Energy Control Center (ECC), Fuels and System Optimization (FSO), and Fossil Hydro Operations (FHO) personnel. Specifically, this procedure defines the functions of these organizations and the communications necessary to support the planning and implementation of unit constraints, including testing, maintenance, and derates, in an economic manner, considering margins required for system reliability. This procedure supports compliance to NERC Standard TOP-003-1, Planned Outage Coordination.
Credit Policy	Extending and monitoring credit to customers and counterparties is integral to all of Duke Energy Corporation's businesses. Global Risk Management (GRM) has established standards of practice related to the management of credit risk across Duke Energy Corporation and its subsidiaries (“Duke Energy”). This policy governs the extension of credit related to wholesale business activity (including fuel procurement), enterprise sourcing (including major construction projects), and other business activities as described herein.
Delegation of Authority Policy	The Delegation of Authority (DOA) Policy (Policy) establishes the approval authority limits for all employees within the organization below the Senior Management Committee (SMC). Approval authority limits for the President and Chief Executive Officer (CEO) and SMC members are defined in the Approval of Business Transactions (ABT) Policy.
Derivative Transactions Governance Policy	Duke Energy companies engage in derivative transactions, including swap transactions, to hedge or mitigate commercial risk. These transactions may be subject to laws in the United States, the European Union, and other countries that are designed to mitigate systemic risk to financial systems, increase transparency, and promote market integrity, among other goals. Duke Energy intends to comply with all such applicable laws and regulations.
Duke Energy Corporation Regulated Electric Risk Management Control Manual	This document, the Regulated Utilities Risk Management Control Manual (Control Manual), is intended to present a description of the internal control environment and related control procedures for the regulated trading functions including but not limited to power, gas, emissions, coal and renewable energy certificates.
Duke Energy Global Risk Management Credit Delegation Of Authority	This Credit Delegation of Authority (“Credit DOA”) document contains various required credit activities and standards involved in setting credit limits including the delegation of credit authority. It bridges the Credit Policy and evolving market conditions as well as provides guidance for best practices to ensure consistent application across Duke Energy Corporation and its subsidiaries (“Duke Energy”). As such, the Credit DOA may be more frequently reviewed and updated than the Credit Policy. Business Units (“BU”) are required to conform with this Credit DOA in conjunction with the requirements of the Approval of Business Transactions Policy.
Duke Energy Global Risk Management Credit Procedures Manual	The purpose of this Credit Procedures Manual (“Credit Manual”) is to set forth guidelines to help business units and Global Risk Management (GRM) develop consistent procedures throughout the enterprise with regard to measuring, monitoring, and reporting credit risk. It is intended to complement the Credit Policy and Credit Delegation of Authority (DOA), by providing more specific guidance, primarily for GRM personnel assigned to support specific business units.
Duke Energy Supply Bulk Power Marketing & Trading Delegation of Authority	Delegation of Authority approval limits for specific employees

Attachment I

Company Guidelines and Procedures

Document Title	Document Summary
Duke Energy's Enterprise NERC Compliance Program	Duke Energy's commitment to operate its electric utility business in a manner that ensures the reliability of the North American Bulk Electric System including compliance with the NERC Reliability Standards ("NERC Standards") developed and enforced by the North American Electric Reliability Corporation ("NERC"). The Compliance Program provides a solid framework for structuring a comprehensive range of compliance activities.
Duke Energy's FERC Compliance Program	Duke Energy's Federal Energy Regulatory Commission (FERC) Compliance Program was developed to minimize the company's risk of violating FERC rules.
Duke Energy's Standards of Conduct Written Procedures	The Federal Energy Regulatory Commission (FERC) issued Order No. 717 which revised the Standards of Conduct rules adopted in Order No. 2004 that apply to interstate natural gas pipelines and electric utilities ("Transmission Providers"). The Standards of Conduct rules govern the relationship between a Transmission Provider's transmission function employees and its marketing function employees. The Compliance Procedures are applicable to Transmission Providers of the franchised electric utilities of Duke Energy Corporation (collectively, the Franchised Utilities).
FPO Operational Communications	The purpose of this procedure is to establish protocols for routine daily / hourly communications and interaction between Marketing Function Employees (MFEs) within the Fuels and System Optimization (FSO) Department and Transmission Function personnel at the respective Energy Control Centers (ECCs) and Regulated Renewable Operations Center (RROC).
FSO – DEC and DEF Desk Top Gas Trading/Confirmation Procedure Spot/Next-Day Transactions	This procedure defines the daily deal capture process to be performed by trading and scheduling, for all same-day and next-day transactions for the company's gas generation facilities.
FSO – DEC and DEF Gas Trading Procedure for Off-Premise Transactions	This procedure defines the process in which off-premise gas procurement, scheduling and trading shall be conducted for all the company's gas generation facilities in the Carolinas and in Florida.
FSO - DEF Long-Term Gas Supply RFP Process	The purpose of this process is to outline the Long-Term RFP process by which Duke Energy Florida (DEF) procures competitively priced natural gas to meet its longer-term projected fuel needs at its owned and tolled gas generation facilities in Florida.
FSO – DEF Short-Term Gas Procurement and RFP Procedure	The purpose of this procedure is to outline the Short-Term RFP process by which Duke Energy Florida (DEF) procures competitively priced natural gas to meet its shorter-term projected fuel needs at the company's owned and tolled gas generation facilities in Florida. For clarity: short-term RFP gas procurement activities typically are for monthly, seasonal and annual periods for the current year and the following year for which natural gas supplies are projected to be needed to meet DEF's daily, monthly, seasonal and annual needs at its owned and tolled gas generation facilities. DEF procures a portion of its projected fuel needs through the short-term RFP processes and as needed will procure competitively priced natural gas supply through informal market solicitations based on the specific business opportunities and need. Also, DEF may procure gas on a short-term spot basis for seasonal, monthly, or daily needs based on changing forecast. There may be instances due to timing and business needs that there is an overlap between activities that are defined as the short-term and long-term activities.
FSO - DEF Short-Term Transportation Capacity Procedure	This procedure defines the process by which the Trader procures or releases short-term capacity greater than one (1) month based on projected need and ensures compliance with FERC capacity release regulations.
FSO – Natural Gas Employee Removal	The removal procedure ensures that when an employee leaves the natural gas group, the person is no longer authorized to conduct business for Duke Energy Carolinas (DEC), Duke Energy Progress (DEP), Duke Energy Florida (DEF), Duke Energy Indiana (DEI) and Duke Energy Kentucky (DEK) have been removed from the appropriate systems. The procedure ensures that external notification has been given to all approved counterparties.
FSO – Requirements for Natural Gas Optimization Tracking	This purpose of this procedure is to ensures that the natural gas group is meeting requirements of all applicable natural gas optimization tracking, reporting and documentation for natural gas assets for Duke Energy Carolinas (DEC), Duke Energy Progress (DEP), Duke Energy Florida (DEF), Duke Energy Indiana (DEI) and Duke Energy Kentucky (DEK).
FSO Long-Term Firm Natural Gas Transportation Process – Florida	This procedure defines the process by which Duke Energy Florida ("DEF") procures reliable and competitively priced long-term firm transportation for DEF for a term of one year or greater to meet projected long-term needs for owned generation facilities and tolled generation facilities where DEF has responsibility for the natural gas supply.
FSO NERC E-Tag for Physical Power Deals	Define process developed to ensure compliance with NERC Interchange (INT) Standards; specifically, those related to the completion and validation of NERC E-Tag electronic documents for physical power transactions. The valid ETag will serve as notice that the Arranged Interchange has been submitted to the Interchange Authority.
FSO Power Trader Authorization and Removal Procedure	The Trader Risk Management Employee Acknowledgment form (Appendix E) has been developed to ensure that Power Traders understand their authorized trading boundaries, including limitations specifically placed by the FERC on DEC's, DEP's and DEF's wholesale power sales.

Attachment I

Company Guidelines and Procedures

Document Title	Document Summary
FSO –Regulated Oil Procurement Procedure for Off-Premise Transactions	This procedure defines the process in which off-premise oil procurement (physical spot purchase) shall be conducted with a supplier not under current contract, for Duke Energy Florida (DEF), Duke Energy Progress (DEP), Duke Energy Carolinas (DEC), Duke Energy Indiana (DEI) and Duke Energy Kentucky (DEK).
Fuel and System Optimization (FSO) DEF Emissions Trading Process & Procedure Check List	The Fuel and System Optimization (FSO) department which manages SO2 & NOx allowance under Cap and Trade programs Cap and Trade programs as well as other REC related programs for Duke Energy Florida's(DEF) generation system as applicable as applicable. The purpose of managing these emissions credits for DEF is to ensure compliance with any Federal EPA cap and trade regulations as well as any additional regulation adopted by State or Federal legislation.
Fuel and System Optimization (FSO) DEF Oil Procurement Process	The purpose of this process is to ensure that appropriate volumes of competitively priced fuel oil and transportation are available for Duke Energy Florida (DEF) native load oil-fired generation in order to meet peaking and baseload fuel oil requirements, utilizing approved processes and procedures. The purpose of this DEF Long-Term Oil Procurement & RPF Process is the following. As needed establish "requirements type" fuel oil supply commitments for No. 2 fuel oil of up to one year or longer , with the ability to renew for additional periods if there are no material changes to contract terms, pricing, fuel specifications or overall fuel need. Balance fuel oil procurement under term contracts with spot contracts. Define the process to solicit, evaluate, and recommend fuel oil transactions to meet DEF's fuel oil requirements
Fuel and System Optimization (FSO) Spot Market DEF Oil Procurement Process	To ensure that appropriate volumes of competitively priced fuel oil are available for Duke Energy Florida (DEF) native load oil-fired generation in order to meet peaking and base load fuel oil requirements, utilizing approved processes and procedures. The purpose of this Spot Market DEF Oil Procurement Process is to describe the process to acquire fuel oil in addition to what is available under long term contracts.
Fuel Oil Emergency Procedure - PEF	Gas, Oil, and Emissions within FSO are responsible for maintaining fossil, combustion turbine (CT) and combined-cycle (CC) power plant fuel oil inventories through ordering of fuel oil to be delivered to each DEF plant. This procedure outlines the process required when a fuel oil emergency occurs.
Generating Unit Maintenance Scheduling	This procedure establishes the process for the development and revision of the Generating Unit Maintenance Schedule (GMS). The GMS process focuses on mid-term optimization for system economics, market opportunities, and craft resources given necessary constraints for system reserve levels, budget, and regulatory constraints. GMS revision process includes the semi-annual optimization and Outage Change Request (OCR) processes.
GenTrader Schedule of Authorities	The purpose of this document is to define the responsibilities of Portfolio Management (PM), and Information Technology (IT) positions related to management and use of the Fuels & System Optimization (FSO) GenTrader (GT) system.
GenTrader Usage Procedure	The purpose of this document is to describe the procedures to be followed when using the Fuels & System Optimization (FSO) GenTrader (GT) system used by FSO Portfolio Management (PM) groups and related downstream or support users.
Model Review and Approval Process	Model risk, the risk originating from using models for valuation and hedging, can be significant for any company with exposure to complex assets and financial positions. At Duke Energy, the vast majority of positions are marked-to-model. Very few positions are truly marked-to-market; that is, liquid market prices are seldom available. As such, model risk becomes extremely important. Model risk may be thought of as originating from three sources: 1) poor or incorrect modeling, including input estimation errors and poor data, 2) trade limitations such as lack of liquidity and transaction costs, and 3) improper use of an otherwise valid model. In such a situation, the review or vetting of models and their use becomes crucial to the business as a way of reducing model risk [1, 2]. This document is a description of the review process at Duke Energy.
Operational Post Analysis and Transaction Costing Process	This procedure establishes the process for Operational Post Analysis and after-the-fact costing (Recosting) of excess generation sales and economy purchases.
Regulated Electric Risk Limits	This document contains the limits applicable to Duke Energy Florida (and its successor), including regulated wholesale generation activities, and other approved activities within the Regulated Utilities business that entail some form of commodity price risk as described herein.
Regulated Utilities Credit Limits	This document contains guidance for compliance with the limits applicable to Duke Energy Florida's regulated wholesale generation activities, and other approved activities within the regulated business as described herein.

Note: Policies and procedures are as of May 25, 2022

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 14
PARTY: RBD-1
DESCRIPTION: 2021 FCR Final True-Up Calculation – Pre-consolidated FPL

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
CALCULATION OF NET TRUE-UP

SCHEDULE: E1-A

FOR THE PERIOD: JANUARY 2021 THROUGH DECEMBER 2021

(1)	(2)	(3)
Line No.		2021
1	End of Period True-Up [1]	($597,548,321)
2		
3	Less - Actual Estimated True-up for the same period [2]	($585,866,364)
4		
5	Net True-up for the period	($11,681,957)
6		
7	[1] Page 2, Column 15, Lines 45 + 46	
8	[2] Approved in FPSC Order PSC-2021-0460-PCO-EI	
9		
10	( ) Reflects under-recovery	
11		
12	Totals may not add due to rounding	

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
CALCULATION OF TRUE-UP AMOUNT

SCHEDULE: E1-B

FOR THE PERIOD: JANUARY 2021 THROUGH DECEMBER 2021

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Line No.		a-Jan - 2021	a-Feb - 2021	a-Mar - 2021	a-Apr - 2021	a-May - 2021	a-Jun - 2021	a-Jul - 2021	a-Aug - 2021	a-Sep - 2021	a-Oct - 2021	a-Nov - 2021	a-Dec - 2021	a-2021
1	**Fuel Costs & Net Power Transactions**													
2	Fuel Cost of System Net Generation (E3) [1]	196,093,006	236,914,902	232,667,765	225,565,917	278,330,509	282,924,116	341,225,976	384,566,157	398,359,205	444,598,766	357,583,933	331,585,178	3,710,415,430
3	Rail Car Lease (Cedar Bay/Indiantown/Daniel)	135,560	145,146	146,169	131,899	89,641	275,055	145,696	184,438	156,542	164,176	165,067	164,176	1,903,563
4	Fuel Cost of Stratified Sales	(2,029,516)	(2,426,951)	(3,092,458)	(2,549,736)	(2,702,691)	(3,957,871)	(1,875,769)	(2,423,546)	(2,681,776)	(2,561,772)	(2,531,976)	(1,226,848)	(30,060,909)
5	Fuel Cost of Power Sold (E6)	(3,036,111)	(4,808,540)	(3,570,186)	(5,100,462)	(4,246,828)	(6,427,033)	(9,699,740)	(6,124,668)	(9,667,259)	(7,111,255)	(12,479,270)	(14,199,705)	(86,471,057)
6	Gains from Off-System Sales (E6)	(1,039,604)	(4,412,077)	(1,385,402)	(1,948,740)	(1,689,592)	(2,498,511)	(4,716,567)	(2,974,866)	(3,184,369)	(2,936,893)	(5,563,938)	(6,751,354)	(39,101,913)
7	Fuel Cost of Purchased Power (Exclusive of Economy) (E7)	2,653,162	3,079,694	3,466,300	2,196,670	2,839,335	2,849,346	2,938,627	3,031,823	2,878,552	3,194,518	1,840,382	3,942,435	34,910,844
8	Energy Payments to Qualifying Facilities (E8)	148,230	860,916	247,650	433,716	377,695	460,548	389,823	460,687	480,728	574,000	713,431	556,130	5,703,554
9	Energy Cost of Economy Purchases (Per E9)	0	335,359	229,632	608,471	9,533,861	5,356,987	152,030	1,151,432	776,454	1,221,989	0	84,000	19,450,216
10		192,924,727	229,688,448	228,709,470	219,337,736	282,531,932	278,982,637	328,560,074	377,871,457	387,118,077	437,143,529	339,727,629	314,154,012	3,616,749,728
11														
12	**Incremental Optimization Costs** [2]													
13	Incremental Personnel, Software, and Hardware Costs	38,881	37,697	43,269	41,219	39,477	43,655	41,798	41,016	44,125	39,529	41,271	44,035	495,972
14	Var. Power Plant O&M Costs Attributable to Off-Sys Sales (E6)	111,151	162,731	114,110	156,034	110,209	167,747	246,933	140,563	188,949	144,802	254,602	306,165	2,103,997
15	Variable Power Plant O&M Avoided due to Economy Purchases (Per E9)	0	(3,312)	(3,963)	(8,317)	(129,850)	(79,020)	(1,778)	(10,832)	(8,234)	(10,171)	0	(975)	(256,452)
16		150,032	197,117	153,416	188,936	19,836	132,382	286,953	170,747	224,839	174,159	295,873	349,225	2,343,517
17														
18	**Adjustments to Fuel Cost**													
19	Energy Imbalance Fuel Revenues	(134,118)	(107,079)	(84,053)	(5,237)	(46,309)	(76,006)	(161,721)	(285,906)	(164,460)	(338,410)	(118,630)	(308,393)	(1,830,321)
20	Other O&M Expense	171	0	0	(4,624)	31,173	468,074	3,838	0	0	0	0	0	498,632
21	Inventory Adjustments	(12,731)	35,434	(93,166)	57,883	35,889	16,109	(939)	43,917	58,084	15,095	(46,264)	80,207	189,518
22		(146,678)	(71,646)	(177,219)	48,022	20,752	408,177	(158,822)	(241,989)	(106,375)	(323,315)	(164,893)	(228,186)	(1,142,171)
23														
24	**Adjusted Total Fuel Costs & Net Power Transactions**	192,928,081	229,813,920	228,685,667	219,574,694	282,572,520	279,523,197	328,688,206	377,800,215	387,236,541	436,994,373	339,858,609	314,275,052	3,617,951,074
25														
26	**kWh Sales**													
27	Retail kWh Sales	7,920,264,452	7,672,369,137	8,050,207,476	8,597,508,595	9,741,408,902	10,281,014,783	10,730,178,438	11,439,623,576	11,137,527,526	9,950,263,714	8,682,291,445	7,973,870,877	112,176,528,921
28	Sale for Resale	396,711,147	402,529,066	400,986,769	442,738,116	460,603,206	532,167,836	533,084,353	575,980,454	577,447,314	530,320,069	517,835,493	388,620,109	5,759,023,932
29		8,316,975,599	8,074,898,203	8,451,194,245	9,040,246,711	10,202,012,108	10,813,182,619	11,263,262,791	12,015,604,030	11,714,974,840	10,480,583,783	9,200,126,938	8,362,490,986	117,935,552,853
30														
31	**Retail % of Total kWh Sales**	95.23010%	95.01506%	95.25527%	95.10259%	95.48517%	95.07853%	95.26705%	95.20640%	95.07086%	94.93998%	94.37143%	95.35282%	
32														
33	**Revenues Applicable to Period**													
34	Jurisdictional Fuel Revenues (Net of Revenue Taxes)	189,607,980	182,758,194	192,250,967	206,929,145	275,856,968	292,572,663	306,632,603	329,107,874	319,295,871	281,818,475	242,418,617	220,939,780	3,040,189,136
35	Prior Period True-Up (Collected)/Refunded This Period [3]	(1,722,493)	(1,722,493)	(1,722,493)	(1,722,493)	(1,722,493)	(1,722,493)	(1,722,493)	(1,722,493)	(1,722,493)	(1,722,493)	(1,722,493)	(1,722,493)	(20,669,910)
36	Midcourse Correction - Prior Year Final True-Up (Collected)/Refunded this Period	0	0	0	0	(9,111,475)	(9,111,475)	(9,111,475)	(9,111,475)	(9,111,475)	(9,111,475)	(9,111,475)	(9,111,475)	(72,891,803)
37	GPIF, Net of Revenue Taxes [4]	(676,653)	(676,653)	(676,653)	(676,653)	(676,653)	(676,653)	(676,653)	(676,653)	(676,653)	(676,653)	(676,653)	(676,653)	(8,119,831)
38	Asset Optimization, Net of Revenue Taxes [5]	(724,772)	(724,772)	(724,772)	(724,772)	(724,772)	(724,772)	(724,772)	(724,772)	(724,772)	(724,772)	(724,772)	(724,772)	(8,697,268)
39	SolarTogether Credit, Net of Revenue Taxes [6]	(2,233,951)	(3,807,644)	(3,861,993)	(5,607,909)	(7,442,029)	(9,161,666)	(7,789,381)	(8,873,355)	(8,504,577)	(8,443,891)	(8,316,707)	(6,972,045)	(81,015,148)
40		184,250,112	175,826,632	185,265,056	198,197,318	256,179,546	271,175,604	286,607,829	307,999,126	298,555,901	261,139,191	221,866,517	201,732,343	2,848,795,177

Docket No. 20220001-EI
2021 FCR Final True Up
Exhibit RBD-1, Page 2 of 4

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
CALCULATION OF TRUE-UP AMOUNT

SCHEDULE: E1-B

FOR THE PERIOD: JANUARY 2021 THROUGH DECEMBER 2021

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Line No.		a-Jan - 2021	a-Feb - 2021	a-Mar - 2021	a-Apr - 2021	a-May - 2021	a-Jun - 2021	a-Jul - 2021	a-Aug - 2021	a-Sep - 2021	a-Oct - 2021	a-Nov - 2021	a-Dec - 2021	a-2021
41	**True-Up Calculation**													
42	Adjusted Total Fuel Costs & Net Power Transactions	192,928,081	229,813,920	228,685,667	219,574,694	282,572,520	279,523,197	328,688,206	377,800,215	387,236,541	436,994,373	339,858,609	314,275,052	3,617,951,074
43	Jurisdictional Sales % of Total kWh Sales	95.23010%	95.01506%	95.25527%	95.10259%	95.48517%	95.07853%	95.26705%	95.20640%	95.07086%	94.93998%	94.37143%	95.35282%	
44	Retail Total Fuel Costs & Net Power Transactions	183,975,472	218,715,067	218,191,528	209,162,852	270,256,268	266,201,340	313,643,841	360,278,436	368,751,402	415,561,118	321,254,142	300,160,385	3,446,151,851
45	True-Up Provision for the Month-Over/(Under) Recovery	274,640	(42,888,435)	(32,926,472)	(10,965,534)	(14,076,722)	4,974,264	(27,036,011)	(52,279,310)	(70,195,501)	(154,421,927)	(99,387,625)	(98,428,042)	(597,356,674)
46	Interest Provision for the Month	(6,557)	(7,944)	(12,362)	(12,644)	(8,013)	(8,428)	(9,845)	(9,880)	(13,434)	(21,844)	(36,860)	(43,835)	(191,646)
47	True-Up & Interest Prov. Beg of Period-Over/(Under) Recovery	(20,669,910)	(18,679,334)	(59,853,221)	(91,069,563)	(100,325,247)	(112,687,490)	(105,999,162)	(131,322,526)	(181,889,223)	(250,375,666)	(403,096,944)	(500,798,936)	(20,669,910)
48	Deferred True-up Beginning of Period - Over/(Under) Recovery	(72,891,803)	(72,891,803)	(72,891,803)	(72,891,803)	(72,891,803)	(63,780,327)	(54,668,852)	(45,557,377)	(36,445,901)	(27,334,426)	(18,222,951)	(9,111,475)	(72,891,803)
49	Midcourse Correction - Prior Year Final True-Up (Collected)/Refunded this Period					9,111,475	9,111,475	9,111,475	9,111,475	9,111,475	9,111,475	9,111,475	9,111,475	72,891,803
50	Prior Period True Up Collected/(Refunded) This Period	1,722,493	1,722,493	1,722,493	1,722,493	1,722,493	1,722,493	1,722,493	1,722,493	1,722,493	1,722,493	1,722,493	1,722,493	20,669,910
51	**End of Period Net True-up Amount Over/(Under) Recovery**	(91,571,137)	(132,745,023)	(163,961,365)	(173,217,050)	(176,467,817)	(160,668,014)	(176,879,902)	(218,335,125)	(277,710,092)	(421,319,894)	(509,910,412)	(597,548,321)	(597,548,321)
52														

53 (1) Actuals include various adjustments as noted on the A-schedules

54 (2) Amounts reflected in this section are in accordance with FPL's Stipulation and Settlement approved by the Commission in Order No. PSC-16-0560-AS-EI, Docket No. 160021-EI

55 (3) Prior Period 2020 Actual/Estimated True-up

56 (4) Generating Performance Incentive Factor is (($8,125,681/12) x 99.9280%) - See Order No. PSC-2020-0439-FOF-EI

57 (5) Jurisdictionalized Asset Optimization - FPL Portion is (($8,703,535/12) x 99.9280%) - See Order No. PSC-2020-0439-FOF-EI

58 (6) Approved in Order No. PSC-2020-0084-S-EI issued in Docket No. 20190061-EI on March 20, 2020

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
CALCULATION OF VARIANCE

SCHEDULE: E1-B

FOR THE PERIOD: JANUARY 2021 THROUGH DECEMBER 2021

(1)	(2)	(3)	(4)	(5)	(6)
Line No.		2021			
		Current	Prior	Difference	% Difference
1	**Fuel Costs & Net Power Transactions**				
2	Fuel Cost of System Net Generation (E3) [1]	3,710,415,430	3,686,535,589	23,879,841	0.6%
3	Rail Car Lease (Cedar Bay/Indiantown)	1,903,563	1,904,543	(981)	(0.1%)
4	Fuel Cost of Stratified Sales	(30,060,909)	(30,098,585)	37,676	(0.1%)
5	Fuel Cost of Power Sold (Per E6)	(86,471,057)	(69,520,414)	(16,950,643)	24.4%
6	Gains from Off-System Sales (Per E6)	(39,101,913)	(30,128,934)	(8,972,979)	29.8%
7	Fuel Cost of Purchased Power (Exclusive of Economy) (E7)	34,910,844	34,619,372	291,471	0.8%
8	Energy Payments to Qualifying Facilities (Per E8)	5,703,554	5,620,761	82,794	1.5%
9	Energy Cost of Economy Purchases (Per E9)	19,450,216	19,366,216	84,000	0.4%
10		3,616,749,728	3,618,298,549	(1,548,821)	0.0%
11	**Incremental Optimization Costs** [2]				
12	Incremental Personnel, Software, and Hardware Costs	495,972	485,308	10,664	2.2%
13	Var. Power Plant O&M Costs Attributable to Off-Sys Sales (E6)	2,103,997	1,818,590	285,408	15.7%
14	Variable Power Plant O&M Avoided due to Economy Purchases (Per E9)	(256,452)	(255,477)	(975)	0.4%
15		2,343,517	2,048,421	295,096	14.4%
16	**Adjustments to Fuel Cost**				
17	Reactive and Voltage Control Fuel Revenues	(1,830,321)	(1,403,298)	(427,023)	30.4%
18	Other O&M Expense	498,632	498,632	0	0.0%
19	Inventory Adjustments	189,518	155,575	33,944	21.8%
20		(1,142,171)	(749,092)	(393,079)	52.5%
21	**Adjusted Total Fuel Costs & Net Power Transactions**	3,617,951,074	3,619,597,877	(1,646,804)	0.0%
22					
23	**kWh Sales**				
24	Retail kWh Sales	112,176,528,921	112,365,746,557	(189,217,636)	(0.2%)
25	Sale for Resale	5,759,023,932	5,754,766,957	4,256,975	0.1%
26	Total Sales	117,935,552,853	118,120,513,514	(184,960,661)	-0.2%
27	**Retail % of Total kWh Sales**	95.1168%	95.1281%		
28					
29	**Revenues Applicable to Period**				
30	Jurisdictional Fuel Revenues (Net of Revenue Taxes)	3,040,189,136	3,053,043,418	(12,854,282)	(0.4%)
31	Prior Period True-Up (Collected)/Refunded This Period [3]	(20,669,910)	(20,669,910)	0	0.0%
32	Midcourse Correction - Prior Year Final True-Up (Collected)/Refunded this Period [3]	(72,891,803)	(72,891,803)	0	0.0%
33	GPIF, Net of Revenue Taxes [4]	(8,119,831)	(8,119,831)	0	0.0%
34	Asset Optimization, Net of Revenue Taxes [5]	(8,697,268)	(8,697,268)	(0)	0.0%
35	SolarTogether Credit, Net of Revenue Taxes [6]	(81,015,148)	(80,194,229)	(820,919)	1.0%
36		2,848,795,177	2,862,470,378	(13,675,201)	-0.5%
38	**True-Up Calculation**				
39	Adjusted Total Fuel Costs & Net Power Transactions	3,617,951,074	3,619,597,877	(1,646,804)	(0.0%)
40	Jurisdictional Sales % of Total kWh Sales	95.1168%	95.1281%		
41	Retail Total Fuel Costs & Net Power Transactions	3,446,151,851	3,448,157,289	(2,005,438)	-0.1%
42	True-Up Provision for the Month-Over/(Under) Recovery	(597,356,674)	(585,686,911)	(11,669,763)	2.0%
43	Interest Provision for the Month	(191,646)	(179,453)	(12,194)	6.8%
44	True-Up & Interest Prov. Beg of Period-Over/(Under) Recovery	(20,669,910)	(20,669,910)	0	0.0%
45	Deferred True-up Beginning of Period - Over/(Under) Recovery	(72,891,803)	(72,891,803)	0	0.0%
46	Midcourse Correction - Prior Year Final True-Up Collected/(Refunded) this Period	72,891,803	72,891,803	0	0.0%
47	Prior Period True Up Collected/(Refunded) This Period	20,669,910	20,669,910	0	0.0%
48	End of Period Net True-up Amount Over/(Under) Recovery	(597,548,321)	(585,866,364)	(11,681,957)	2.0%
49					

[1] Actuals include various adjustments as noted on the monthly A-schedules

[2] Amounts reflected in this section are in accordance with FPL's Stipulation and Settlement approved by the Commission in Order No. PSC-16-0560-AS-EI, Docket No. 160021-E

[3] Prior Period 2020 Actual/Estimated True-up

[4] Generating Performance Incentive Factor is (($8,125,681/12) x 99.9280%) - See Order No. PSC-2020-0439-FOF-EI

[5] Jurisdictionalized Asset Optimization - FPL Portion is (($8,703,535/12) x 99.9280%) - See Order No. PSC-2020-0439-FOF-EI

[6] Approved in Order No. PSC-2020-0084-S-EI issued in Docket No. 20190061-EI on March 20, 2020

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 15
PARTY: RBD-2
DESCRIPTION: 2021 CCR Final True-Up Calculation – Pre-consolidated FPL Confidential DN. 02217-2022

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
FINAL TRUE-UP FILING
CALCULATION OF NET TRUE-UP

FOR THE PERIOD: JANUARY 2021 THROUGH DECEMBER 2021

(1)	(2)	(3)
Line No.		2021
1	Over/(Under) Recovery for the Current Period [1]	$7,902,278
2	Sum of Current Period Adjustments [2]	$635,700
3	Interest Provision [3]	$13,705
4	Total	$8,551,683
5		
6	Actual/Estimated Over/(Under) Recovery for the Same Period	$4,904,556
7	Interest Provision	$12,441
8	Total [4]	$4,916,997
9		
10	Net True-Up for the period Over/(Under) Recovery	$3,634,686
11		
12	( ) Reflects under-recovery	
13	[1] From Page 4, Column 15, Line 8	
14	[2] From Page 4, Column 15, Line 14	
15	[3] From Page 4, Column 15, Line 9	
16	[4] Approved in FPSC Final Order PSC-2021-0442-FOF-EI	
17		
18	Totals may not add due to rounding	

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
FINAL TRUE-UP FILING
CALCULATION OF FINAL TRUE-UP AMOUNT

FOR THE PERIOD: JANUARY 2021 THROUGH DECEMBER 2021

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Line No.		a-Jan - 2021	a-Feb - 2021	a-Mar - 2021	a-Apr - 2021	a-May - 2021	a-Jun - 2021	a-Jul - 2021	a-Aug - 2021	a-Sep - 2021	a-Oct - 2021	a-Nov - 2021	a-Dec - 2021	Total
1	**Base**													
2	Payments to Non-cogenerators	$1,317,600	$1,317,600	$1,317,600	$1,317,600	$1,317,600	$1,364,000	$1,364,000	$1,364,000	$1,364,000	$1,364,000	$1,364,000	$1,364,000	$16,136,000
3	Payments to Co-generators	$122,325	$122,325	$122,325	$122,325	$122,325	$122,325	$122,325	$122,325	$122,325	$122,325	$122,325	$122,325	$1,467,900
4	Transmission of Electricity by Others	($381,453)	$383,741	$5,042	$8,736	$19,663	-	$21,784	$23,331	$306	$371	$11,719	$353,564	$446,803
5	Transmission Revenues from Capacity Sales	($1,522,301)	($1,527,257)	($418,937)	($431,660)	($883,463)	($856,681)	($1,107,267)	($678,181)	($803,645)	($670,572)	($952,139)	($1,276,951)	($11,129,055)
6	Incremental Plant Security Costs O&M	$2,444,301	$2,010,330	$2,502,706	$2,122,535	$2,095,925	$2,169,543	$2,001,651	$2,249,736	$2,227,664	$2,074,287	$2,648,056	$2,538,147	$27,084,883
7	Incremental Plant Security Costs Capital	$378,154	$377,198	$376,187	$375,317	$374,498	$373,385	$373,049	$371,305	$372,200	$373,108	$372,946	$371,342	$4,488,688
8	Incremental Nuclear NRC Compliance Costs O&M	$29,908	$52,466	$317,253	$91,676	$94,054	$53,021	$40,402	$67,878	$33,462	$20,951	$95,814	$60,687	$957,572
9	Incremental Nuclear NRC Compliance Costs Capital	$1,060,214	$1,059,357	$1,059,924	$1,067,599	$1,073,285	$1,071,125	$1,068,278	$1,059,678	$1,056,721	$1,053,769	$1,033,837	$1,006,679	$12,670,466
10	Cedar Bay Transaction - Regulatory Asset - Amortization and Return	$9,045,914	$9,014,755	$8,983,596	$8,952,436	$8,921,277	$8,890,118	$8,858,958	$8,817,486	$8,786,581	$8,755,676	$8,724,772	$8,693,867	$106,445,436
11	Cedar Bay Transaction - Regulatory Liability - Amortization and Return	($80,253)	($79,845)	($79,437)	($79,029)	($78,621)	($78,213)	($77,805)	($77,262)	($76,857)	($76,452)	($76,047)	($75,642)	($935,463)
12	Indiantown Transaction - Regulatory Asset - Amortization and Return	$5,848,325	$5,820,295	$5,792,266	$5,764,236	$5,736,206	$5,708,176	$5,680,147	$5,640,091	$5,612,290	$5,584,489	$5,556,689	$5,528,888	$68,272,097
13	SJRPP Transaction Revenue Requirements	$724,281	$712,549	$700,816	$689,083	$677,350	$665,618	$653,885	$641,913	$630,276	$618,636	-	-	$6,714,406
14	Subtotal Base	$18,987,016	$19,263,512	$20,679,340	$20,000,855	$19,470,100	$19,482,417	$18,999,408	$19,602,301	$19,325,323	$19,220,589	$18,901,971	$18,686,905	$232,619,735
15														
16	**General**													
17	Incremental Plant Security Costs Capital	$1,090	($16)	($16)	($2,408)	$0	$0	$0	$0	$0	$0	$0	$0	($1,349)
18	Subtotal General	$1,090	($16)	($16)	($2,408)	$0	$0	$0	$0	$0	$0	$0	$0	($1,349)
19														
20	**Intermediate**													
21	Incremental Plant Security Costs O&M	$299,399	$323,444	$278,084	$297,526	$216,322	$168,544	$569,121	$149,293	$294,047	$235,784	$966,189	$619,950	$4,417,702
22	Incremental Plant Security Costs Capital	$53,734	$54,276	$56,558	$61,837	$65,297	$65,623	$66,033	$65,573	$65,435	$65,841	$66,245	$65,920	$752,372
23	Subtotal Intermediate	$353,133	$377,720	$334,642	$359,362	$281,619	$234,166	$635,154	$214,866	$359,482	$301,625	$1,032,434	$685,869	$5,170,073
24														
25	**Peaking**													
26	Incremental Plant Security Costs O&M	$25,376	$22,743	$24,770	$31,327	$31,649	$26,811	$22,668	$22,916	$40,946	$23,404	$24,706	$84,302	$381,617
27	Incremental Plant Security Costs Capital	$6,450	$6,543	$6,635	$6,614	$6,593	$6,572	$6,552	$6,503	$6,482	$6,760	$7,038	$7,016	$79,760
28	Subtotal Peaking	$31,826	$29,286	$31,405	$37,941	$38,243	$33,384	$29,220	$29,418	$47,428	$30,164	$31,744	$91,318	$461,377
29														
30	**Solar**													
31	Incremental Plant Security Costs O&M	$21,404	$337	$9,814	$6,528	$9,006	$1,062	$930	$10,045	$757	$1,390	$22,962	$280	$84,515
32	Incremental Plant Security Costs Capital	$6,028	$6,019	$6,023	$5,987	$5,957	$5,931	$5,908	$5,867	$5,836	$5,810	$5,784	$5,758	$70,908
33	Subtotal Solar	$27,433	$6,357	$15,837	$12,514	$14,963	$6,993	$6,838	$15,912	$6,593	$7,200	$28,746	$6,038	$155,423
34														
35	Total	$19,400,498	$19,676,859	$21,061,207	$20,408,265	$19,804,924	$19,756,960	$19,670,619	$19,862,497	$19,738,826	$19,559,578	$19,994,895	$19,470,131	$238,405,259
36														
37	Totals may not add due to rounding													

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
FINAL TRUE-UP FILING
CALCULATION OF FINAL TRUE-UP AMOUNT

FOR THE PERIOD: JANUARY 2021 THROUGH DECEMBER 2021

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Line No.		a-Jan - 2021	a-Feb - 2021	a-Mar - 2021	a-Apr - 2021	a-May - 2021	a-Jun - 2021	a-Jul - 2021	a-Aug - 2021	a-Sep - 2021	a-Oct - 2021	a-Nov - 2021	a-Dec - 2021	Total
1														
2	Total Capacity Costs	$19,400,498	$19,676,859	$21,061,207	$20,408,265	$19,804,924	$19,756,960	$19,670,619	$19,862,497	$19,738,826	$19,559,578	$19,994,895	$19,470,131	$238,405,259
3														
4	Total Base Capacity Costs	$18,987,016	$19,263,512	$20,679,340	$20,000,855	$19,470,100	$19,482,417	$18,999,408	$19,602,301	$19,325,323	$19,220,589	$18,901,971	$18,686,905	$232,619,735
5	Base Jurisdictional Factor	95.6891%	95.6891%	95.6891%	95.6891%	95.6891%	95.6891%	95.6891%	95.6891%	95.6891%	95.6891%	95.6891%	95.6891%	95.6891%
6	Total Base Jurisdictionalized Capacity Costs	$18,168,504	$18,433,081	$19,787,874	$19,138,638	$18,630,763	$18,642,550	$18,180,362	$18,757,265	$18,492,228	$18,392,008	$18,087,126	$17,881,331	$222,591,731
7														
8	Total General Capacity Costs	$1,090	($16)	($16)	($2,408)	$0	$0	$0	$0	$0	$0	$0	$0	($1,349)
9	General Jurisdictional Factor	96.9888%	96.9888%	96.9888%	96.9888%	96.9888%	96.9888%	96.9888%	96.9888%	96.9888%	96.9888%	96.9888%	96.9888%	96.9888%
10	Total General Jurisdictionalized Capacity Costs	$1,057	($16)	($16)	($2,335)	$0	$0	$0	$0	$0	$0	$0	$0	($1,309)
11														
12	Total Intermediate Capacity Costs	$353,133	$377,720	$334,642	$359,362	$281,619	$234,166	$635,154	$214,866	$359,482	$301,625	$1,032,434	$685,869	$5,170,073
13	Intermediate Jurisdictional Factor	95.0081%	95.0081%	95.0081%	95.0081%	95.0081%	95.0081%	95.0081%	95.0081%	95.0081%	95.0081%	95.0081%	95.0081%	95.0081%
14	Total Intermediate Jurisdictionalized Capacity Costs	$335,505	$358,865	$317,937	$341,423	$267,561	$222,477	$603,448	$204,140	$341,537	$286,568	$980,896	$651,631	$4,911,988
15														
16	Total Peaking Capacity Costs	$31,826	$29,286	$31,405	$37,941	$38,243	$33,384	$29,220	$29,418	$47,428	$30,164	$31,744	$91,318	$461,377
17	Peaking Jurisdictional Factor	95.2778%	95.2778%	95.2778%	95.2778%	95.2778%	95.2778%	95.2778%	95.2778%	95.2778%	95.2778%	95.2778%	95.2778%	95.2778%
18	Total Peaking Jurisdictionalized Capacity Costs	$30,323	$27,903	$29,922	$36,149	$36,437	$31,807	$27,840	$28,029	$45,188	$28,740	$30,245	$87,006	$439,590
19														
20	Total Solar Capacity Costs	$27,433	$6,357	$15,837	$12,514	$14,963	$6,993	$6,838	$15,912	$6,593	$7,200	$28,746	$6,038	$155,423
21	Solar Jurisdictional Factor	95.6891%	95.6891%	95.6891%	95.6891%	95.6891%	95.6891%	95.6891%	95.6891%	95.6891%	95.6891%	95.6891%	95.6891%	95.6891%
22	Total Solar Jurisdictionalized Capacity Costs	$26,250	$6,083	$15,154	$11,975	$14,318	$6,692	$6,543	$15,226	$6,308	$6,890	$27,507	$5,778	$148,723
23														
24	Total Transmission Capacity Costs	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
25	Transmission Jurisdictional Factor	90.2300%	90.2300%	90.2300%	90.2300%	90.2300%	90.2300%	90.2300%	90.2300%	90.2300%	90.2300%	90.2300%	90.2300%	90.2300%
26	Total Transmission Jurisdictionalized Capacity Costs	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
27														
28	Jurisdictionalized Capacity Costs	$18,561,641	$18,825,916	$20,150,872	$19,525,850	$18,949,079	$18,903,526	$18,818,193	$19,004,660	$18,885,262	$18,714,206	$19,125,774	$18,625,746	$228,090,724
29														
30														
31	Totals may not add due to rounding													

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
FINAL TRUE-UP FILING
CALCULATION OF FINAL TRUE-UP AMOUNT

FOR THE PERIOD: JANUARY 2021 THROUGH DECEMBER 2021

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Line No.		a-Jan - 2021	a-Feb - 2021	a-Mar - 2021	a-Apr - 2021	a-May - 2021	a-Jun - 2021	a-Jul - 2021	a-Aug - 2021	a-Sep - 2021	a-Oct - 2021	a-Nov - 2021	a-Dec - 2021	Total
1	Net Jurisdictional CCR Costs (Page 3, Line 28)	$18,561,641	$18,825,916	$20,150,872	$19,525,850	$18,949,079	$18,903,526	$18,818,193	$19,004,660	$18,885,262	$18,714,206	$19,125,774	$18,625,746	$228,090,724
2														
3	CCR Revenues (Net of Revenue Taxes)	$15,065,530	$14,858,077	$15,403,401	$16,312,714	$18,376,436	$19,155,420	$19,873,786	$21,091,700	$20,594,227	$18,712,383	$16,534,865	$15,082,160	$211,060,699
4	Prior Period True-Up Provision	$1,044,202	$1,044,202	$1,044,202	$1,044,202	$1,044,202	$1,044,202	$1,044,202	$1,044,202	$1,044,202	$1,044,202	$1,044,202	$1,044,202	$12,530,421
5	SoBRA True-Up	$1,033,490	$1,033,490	$1,033,490	$1,033,490	$1,033,490	$1,033,490	$1,033,490	$1,033,490	$1,033,490	$1,033,490	$1,033,490	$1,033,490	$12,401,882
6	CCR Revenues Applicable to Current Period (Net of Revenue Taxes)	$17,143,222	$16,935,768	$17,481,093	$18,390,406	$20,454,128	$21,233,112	$21,951,478	$23,169,392	$22,671,919	$20,790,075	$18,612,557	$17,159,852	$235,993,002
7														
8	True-Up Provision - Over/(Under) Recovery (Line 6 - Line 1)	($1,418,418)	($1,890,148)	($2,669,779)	($1,135,444)	$1,505,050	$2,329,586	$3,133,285	$4,164,732	$3,786,657	$2,075,869	($513,217)	($1,465,895)	$7,902,278
9	Interest Provision	$1,915	$1,651	$1,580	$1,124	$600	$647	$792	$790	$959	$1,159	$1,366	$1,124	$13,705
10	True-Up & Interest Provision Beginning of Year - Over/(Under) Recovery	$24,932,303	$21,438,108	$17,471,919	$12,726,028	$9,514,016	$8,941,973	$9,194,514	$10,250,899	$12,974,429	$14,684,352	$14,683,688	$12,094,146	$24,932,303
11	Deferred True-Up - Over/(Under) Recovery	$3,863,612	$3,863,612	$3,863,612	$3,863,612	$3,863,612	$3,863,612	$3,863,612	$3,863,612	$3,863,612	$3,863,612	$3,863,612	$3,863,612	$3,863,612
12	Prior Period True-Up Provision - Collected/(Refunded)	($1,044,202)	($1,044,202)	($1,044,202)	($1,044,202)	($1,044,202)	($1,044,202)	($1,044,202)	($1,044,202)	($1,044,202)	($1,044,202)	($1,044,202)	($1,044,202)	($12,530,421)
13	SoBRA True-Up	($1,033,490)	($1,033,490)	($1,033,490)	($1,033,490)	($1,033,490)	($1,033,490)	($1,033,490)	($1,033,490)	($1,033,490)	($1,033,490)	($1,033,490)	($1,033,490)	($12,401,882)
14	Adjustments to Period Total Net True-Up [1]	-	-	-	-	-	-	-	$635,700	-	-	-	-	$635,700
15	End of Period True-Up - Over/(Under) Recovery (Lines 8 through 14)	$25,301,720	$21,335,531	$16,589,640	$13,377,628	$12,805,586	$13,058,126	$14,114,511	$16,838,041	$18,547,965	$18,547,301	$15,957,758	$12,415,295	$12,415,295
16														

17 [1] Adjustment to reflect the change in the Florida state tax rate from 4.458% to 3.535%. The reduction in tax rate impacted 2020 and 2021 and a retroactive adjustment was booked in August 2021.

18

19 Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
FINAL TRUE-UP FILING
CALCULATION OF VARIANCES

FOR THE PERIOD: JANUARY 2021 THROUGH DECEMBER 2021

(1)	(2)	(3)	(4)	(5)	(6)
Line No.	Program	Final True-Up	Actual/Estimated	$ Difference	% Difference
1					
2	Payments to Non-cogenerators	$16,136,000	$16,136,000	-	N/A
3	Payments to Co-generators	$1,467,900	$1,467,900	-	N/A
4	Transmission of Electricity by Others	$446,803	$162,610	$284,193	174.8%
5	Transmission Revenues from Capacity Sales	($11,129,055)	($8,679,744)	($2,449,311)	28.2%
6	Incremental Plant Security Costs O&M	$31,968,717	$33,996,102	($2,027,385)	(6.0%)
7	Incremental Plant Security Costs Capital	$5,390,378	$5,403,909	($13,531)	(0.3%)
8	Incremental Nuclear NRC Compliance Costs O&M	$957,572	$1,072,001	($114,429)	(10.7%)
9	Incremental Nuclear NRC Compliance Costs Capital	$12,670,466	$12,707,875	($37,409)	(0.3%)
10	Cedar Bay Transaction - Regulatory Asset - Amortization and Return	$106,445,436	$106,413,233	$32,203	0.0%
11	Cedar Bay Transaction - Regulatory Liability - Amortization and Return	($935,463)	($935,041)	($422)	0.0%
12	Indiantown Transaction - Regulatory Asset - Amortization and Return	$68,272,097	$68,235,997	$36,100	0.1%
13	SJRPP Transaction Revenue Requirements	$6,714,406	$6,711,807	$2,600	0.0%
14	Total	$238,405,259	$242,692,650	($4,287,391)	(1.8%)
15					
16	Totals may not add due to rounding				

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
FINAL TRUE-UP FILING
CALCULATION OF VARIANCES

FOR THE PERIOD: JANUARY 2021 THROUGH DECEMBER 2021

(1)	(2)	(3)	(4)	(5)	(6)
Line No.		Final True-Up	Actual/Estimated	$ Difference	% Difference
1	Total Capacity Costs	$238,405,259	$242,692,650	($4,287,391)	(1.8%)
2					
3	Total Base Capacity Costs	$232,619,735	$236,326,282	($3,706,547)	(1.6%)
4	Base Jurisdictional Factor	95.68910%	95.68910%		
5	Total Base Jurisdictionalized Capacity Costs	$222,591,731	$226,138,492	($3,546,761)	(1.6%)
6					
7	Total General Capacity Costs	($1,349)	($1,349)	($0)	0.0%
8	General Jurisdictional Factor	96.98880%	96.98880%		
9	Total General Jurisdictionalized Capacity Costs	($1,309)	($1,309)	($0)	0.0%
10					
11	Total Intermediate Capacity Costs	$5,170,073	$5,756,991	($586,917)	(10.2%)
12	Intermediate Jurisdictional Factor	95.00810%	95.00810%		
13	Total Intermediate Jurisdictionalized Capacity Costs	$4,911,988	$5,469,607	($557,619)	(10.2%)
14					
15	Total Peaking Capacity Costs	$461,377	$425,545	$35,833	8.4%
16	Peaking Jurisdictional Factor	95.27780%	95.27780%	-	
17	Total Peaking Jurisdictionalized Capacity Costs	$439,590	$405,450	$34,141	8.4%
18					
19	Total Solar Capacity Costs	$155,423	$185,182	($29,759)	(16.1%)
20	Solar Jurisdictional Factor	95.68910%	95.68910%		
21	Total Solar Jurisdictionalized Capacity Costs	$148,723	$177,199	($28,476)	(16.1%)
22					
23	Jurisdictional Capacity Charges	$228,090,724	$232,189,440	($4,098,716)	(1.8%)
24					
25	CCR Revenues (Net of Revenue Taxes)	$211,060,699	$212,161,693	($1,100,994)	(0.5%)
26	Prior Period True-up Provision	$12,530,421	$12,530,421	-	N/A
27	SoBRA True-Up	$12,401,882	$12,401,882	-	N/A
28	CCR Revenues Applicable to Current Period (Net of Revenue Taxes)	$235,993,002	$237,093,996	($1,100,994)	(0.5%)
29					
30	True-up Provision for Month - Over/(Under) Recovery	$7,902,278	$4,904,556	$2,997,722	61.1%
31	Interest Provision for the Month	$13,705	$12,441	$1,264	10.2%
32	True-up & Interest Provision Beginning of Year - Over/(Under) Recovery	$24,932,303	$24,932,303	-	N/A
33	Deferred True-up - Over/(Under) Recovery	$3,863,612	$3,863,612	-	N/A
34	Prior Period True-up Provision - Collected/(Refunded) this Month	($12,530,421)	($12,530,421)	-	N/A
35	SoBRA True-Up	($12,401,882)	($12,401,882)	-	N/A
36	Adjustments to Period Total Net True-Up	$635,700	-	$635,700	N/A
37	End of Period True-up - Over/(Under) Recovery	$12,415,295	$8,780,610	$3,634,686	41.4%
38					
39					
40	Totals may not add due to rounding				

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
FINAL TRUE-UP FILING
Return on Capital Investments, Depreciation and Taxes

FOR THE PERIOD: JANUARY 2021 THROUGH DECEMBER 2021

	Beginning of Period	a-Jan - 2021	a-Feb - 2021	a-Mar - 2021	a-Apr - 2021	a-May - 2021	a-Jun - 2021	a-Jul - 2021	a-Aug - 2021	a-Sep - 2021	a-Oct - 2021	a-Nov - 2021	a-Dec - 2021	Total
202-INCREMENTAL SECURITY														
Base														
1. Investments														
a. Expenditures/Additions		$994	$235,634	$351	-	$15,051	$3,329	$245,411	$84,158	$429,607	$87,473	$117,165	($346,081)	$873,092
b. Additions to Plants		($174,489)	($216,144)	($1,371)	-	-	($65,785)	-	-	-	-	-	-	($457,789)
c. Retirements		($188,117)	-	-	-	-	-	-	-	-	-	-	-	($188,117)
d. Cost of Removal		$1,638	$760	($1,371)	-	($205)	($263)	($1,371)	($2,127)	($12,637)	($2,400)	($3,445)	($2,200)	($23,621)
e. Salvage		-	-	-	-	-	-	-	-	-	-	-	-	-
f. Transfer Adjustments/Other		-	-	-	-	-	-	-	-	-	-	-	-	-
2. Plant-In-Service/Depreciation Base	$38,907,595	$38,733,106	$38,516,962	$38,515,591	$38,515,591	$38,515,591	$38,449,806	$38,449,806	$38,449,806	$38,449,806	$38,449,806	$38,449,806	$38,449,806	
3. Less: Accumulated Depreciation	$3,857,247	$3,800,938	$3,931,676	$4,060,080	$4,189,854	$4,319,423	$4,448,847	$4,577,079	$4,704,554	$4,821,519	$4,948,722	$5,074,879	$5,202,280	
4. CWIP - Non Interest Bearing	$1,994,471	$1,995,465	$2,231,099	$2,231,449	$2,231,449	$2,246,501	$2,249,830	$2,495,241	$2,579,399	$3,009,006	$3,096,480	$3,213,644	$2,867,564	
5. Net Investment (Lines 2 - 3 + 4)	$37,044,819	$36,927,633	$36,816,384	$36,686,960	$36,557,186	$36,442,669	$36,250,788	$36,367,968	$36,324,651	$36,637,293	$36,597,564	$36,588,571	$36,115,089	
6. Average Net Investment		$36,986,226	$36,872,009	$36,751,672	$36,622,073	$36,499,928	$36,346,728	$36,309,378	$36,346,309	$36,480,972	$36,617,428	$36,593,068	$36,351,830	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes [1]		$211,809	$211,154	$210,465	$209,723	$209,024	$208,146	$207,932	$206,152	$206,916	$207,690	$207,552	$206,184	$2,502,749
b. Debt Component (Line 6 x debt rate) [2]		$36,176	$36,065	$35,947	$35,820	$35,701	$35,551	$35,514	$35,550	$35,682	$35,816	$35,792	$35,556	$429,168
8. Investment Expenses														
a. Depreciation		$130,169	$129,979	$129,775	$129,774	$129,774	$129,688	$129,602	$129,602	$129,602	$129,602	$129,602	$129,602	$1,556,770
b. Amortization		-	-	-	-	-	-	-	-	-	-	-	-	-
c. Dismantlements		-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other		-	-	-	-	-	-	-	-	-	-	-	-	-
9. Total System Recoverable Expenses (Lines 7 & 8)		$378,154	$377,198	$376,187	$375,317	$374,498	$373,385	$373,049	$371,305	$372,200	$373,108	$372,946	$371,342	$4,488,688

[1] The Equity component for 2021 is 5.1869%. The Gross-up factor for taxes is 1/.754782 for Jan-Jul and 1/.762074 for Aug-Dec; this includes the Federal Income Tax Rate of 21% and the change in State Tax from 4.458% to 3.535%.

[2] The Debt component for 2021 is 1.1737% based on December 2021 Earnings Surveillance report.

[1/2] Per Order No. PSC-2020-0165-PAA-EU, WACC is based on the December 2021 Earnings Surveillance Report, approved ROE midpoint, and the proration of accumulated deferred federal income taxes (ADFIT). An adjustment to true up the ADFIT amount has been applied to the original proration formula in the 2021 projection filings.

Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
FINAL TRUE-UP FILING
Return on Capital Investments, Depreciation and Taxes

FOR THE PERIOD: JANUARY 2021 THROUGH DECEMBER 2021

Line	Beginning of Period	a-Jan - 2021	a-Feb - 2021	a-Mar - 2021	a-Apr - 2021	a-May - 2021	a-Jun - 2021	a-Jul - 2021	a-Aug - 2021	a-Sep - 2021	a-Oct - 2021	a-Nov - 2021	a-Dec - 2021	Total
202-INCREMENTAL SECURITY														
General														
1. Investments														
a. Expenditures/Additions		-	-	-	-	-	-	-	-	-	-	-	-	-
b. Additions to Plants		($132,325)	-	-	-	-	-	-	-	-	-	-	-	($132,325)
c. Retirements		($132,325)	-	-	-	-	-	-	-	-	-	-	-	($132,325)
d. Cost of Removal		-	-	-	-	-	-	-	-	-	-	-	-	-
e. Salvage		-	-	-	-	-	-	-	-	-	-	-	-	-
f. Transfer Adjustments/Other		-	-	-	-	-	-	-	-	-	-	-	-	-
2. Plant-In-Service/Depreciation Base	$132,325	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
3. Less: Accumulated Depreciation	$133,621	$2,400	$2,400	$2,400	$0	$0	$0	$0	$0	$0	$0	$0	$0	
4. CWIP - Non Interest Bearing	-	-	-	-	-	-	-	-	-	-	-	-	-	
5. Net Investment (Lines 2 - 3 + 4)	($1,297)	($2,399)	($2,399)	($2,399)	$0	$0	$0	$0	$0	$0	$0	$0	$0	
6. Average Net Investment		($1,848)	($2,399)	($2,399)	($1,200)	$0	$0	$0	$0	$0	$0	$0	$0	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes [1]		($11)	($14)	($14)	($7)	$0	$0	$0	$0	$0	$0	$0	$0	($45)
b. Debt Component (Line 6 x debt rate) [2]		($2)	($2)	($2)	($1)	$0	$0	$0	$0	$0	$0	$0	$0	($8)
8. Investment Expenses														
a. Depreciation		$1,103	-	-	($2,400)	-	-	-	-	-	-	-	-	($1,297)
b. Amortization		-	-	-	-	-	-	-	-	-	-	-	-	-
c. Dismantlements		-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other		-	-	-	-	-	-	-	-	-	-	-	-	-
9. Total System Recoverable Expenses (Lines 7 a		$1,090	($16)	($16)	($2,408)	$0	$0	$0	$0	$0	$0	$0	$0	($1,349)

[1] The Equity component for 2021 is 5.1869%. The Gross-up factor for taxes is 1/.754782 for Jan-Jul and 1/.762074 for Aug-Dec; this includes the Federal Income Tax Rate of 21% and the change in State Tax from 4.458% to 3.535%.

[2] The Debt component for 2021 is 1.1737% based on December 2021 Earnings Surveillance report.

[1/2] Per Order No. PSC-2020-0165-PAA-EU, WACC is based on the December 2021 Earnings Surveillance Report, approved ROE midpoint, and the proration of accumulated deferred federal income taxes (ADFIT). An adjustment to true up the ADFIT amount has been applied to the original proration formula in the 2021 projection filings.

Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
FINAL TRUE-UP FILING
Return on Capital Investments, Depreciation and Taxes

FOR THE PERIOD: JANUARY 2021 THROUGH DECEMBER 2021

Line	Beginning of Period	a-Jan - 2021	a-Feb - 2021	a-Mar - 2021	a-Apr - 2021	a-May - 2021	a-Jun - 2021	a-Jul - 2021	a-Aug - 2021	a-Sep - 2021	a-Oct - 2021	a-Nov - 2021	a-Dec - 2021	Total
202-INCREMENTAL SECURITY														
Intermediate														
1. Investments														
a. Expenditures/Additions		-	($17,515)	$475,232	($722,453)	-	-	-	-	-	-	-	-	($264,737)
b. Additions to Plants		($562)	$137,753	$0	$1,271,612	($36,320)	$100,880	$9,641	$40	-	$108,927	-	($134,342)	$1,457,628
c. Retirements		-	-	-	-	($36,841)	-	-	-	-	-	-	($134,342)	($171,183)
d. Cost of Removal		($9,577)	($13,773)	($52,839)	($61,059)	($58)	($11,216)	($1,072)	($4)	-	($12,272)	-	-	($161,871)
e. Salvage		-	-	-	-	-	-	-	-	-	-	-	-	-
f. Transfer Adjustments/Other		-	-	-	-	-	-	-	-	-	-	-	-	-
2. Plant-In-Service/Depreciation Base	$6,064,224	$6,063,662	$6,201,415	$6,201,415	$7,473,027	$7,436,707	$7,537,587	$7,547,227	$7,547,267	$7,547,267	$7,656,194	$7,656,194	$7,521,852	
3. Less: Accumulated Depreciation	$889,772	$897,242	$900,694	$865,258	$823,186	$806,819	$816,221	$835,905	$856,669	$877,437	$886,074	$907,124	$793,646	
4. CWIP - Non Interest Bearing	$301,371	$301,371	$283,855	$759,087	$36,634	$36,634	$36,634	$36,634	$36,634	$36,634	$36,634	$36,634	$36,634	
5. Net Investment (Lines 2 - 3 + 4)	$5,475,822	$5,467,791	$5,584,576	$6,095,245	$6,686,476	$6,666,522	$6,758,000	$6,747,956	$6,727,232	$6,706,464	$6,806,754	$6,785,704	$6,764,840	
6. Average Net Investment		$5,471,806	$5,526,184	$5,839,911	$6,390,860	$6,676,499	$6,712,261	$6,752,978	$6,737,594	$6,716,848	$6,756,609	$6,796,229	$6,775,272	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes [1]		$31,335	$31,647	$33,443	$36,598	$38,234	$38,439	$38,672	$38,215	$38,097	$38,323	$38,547	$38,429	$439,980
b. Debt Component (Line 6 x debt rate) [2]		$5,352	$5,405	$5,712	$6,251	$6,530	$6,565	$6,605	$6,590	$6,570	$6,609	$6,647	$6,627	$75,463
8. Investment Expenses														
a. Depreciation		$17,047	$17,225	$17,403	$18,987	$20,532	$20,618	$20,756	$20,768	$20,768	$20,909	$21,050	$20,864	$236,928
b. Amortization		-	-	-	-	-	-	-	-	-	-	-	-	-
c. Dismantlements		-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other		-	-	-	-	-	-	-	-	-	-	-	-	-
9. Total System Recoverable Expenses (Lines 7 & 8)		$53,734	$54,276	$56,558	$61,837	$65,297	$65,623	$66,033	$65,573	$65,435	$65,841	$66,245	$65,920	$752,372

[1] The Equity component for 2021 is 5.1869%. The Gross-up factor for taxes is 1/.754782 for Jan-Jul and 1/.762074 for Aug-Dec; this includes the Federal Income Tax Rate of 21% and the change in State Tax from 4.458% to 3.535%.

[2] The Debt component for 2021 is 1.1737% based on December 2021 Earnings Surveillance report.

[1/2] Per Order No. PSC-2020-0165-PAA-EU, WACC is based on the December 2021 Earnings Surveillance Report, approved ROE midpoint, and the proration of accumulated deferred federal income taxes (ADFIT). An adjustment to true up the ADFIT amount has been applied to the original proration formula in the 2021 projection filings.

Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
FINAL TRUE-UP FILING
Return on Capital Investments, Depreciation and Taxes

FOR THE PERIOD: JANUARY 2021 THROUGH DECEMBER 2021

Line	Beginning of Period	a-Jan - 2021	a-Feb - 2021	a-Mar - 2021	a-Apr - 2021	a-May - 2021	a-Jun - 2021	a-Jul - 2021	a-Aug - 2021	a-Sep - 2021	a-Oct - 2021	a-Nov - 2021	a-Dec - 2021	a-2021
202-INCREMENTAL SECURITY														
Peaking														
1. Investments														
a. Expenditures/Additions		-	($73,850)	-	-	-	-	-	-	-	-	-	-	($73,850)
b. Additions to Plants		-	$77,486	$0	-	-	-	-	-	-	$59,915	-	-	$137,400
c. Retirements		-	-	-	-	-	-	-	-	-	-	-	-	-
d. Cost of Removal		-	-	$0	-	-	-	-	-	-	($6,752)	-	-	($6,752)
e. Salvage		-	-	-	-	-	-	-	-	-	-	-	-	-
f. Transfer Adjustments/Other		-	-	-	-	-	-	-	-	-	-	-	-	-
2. Plant-In-Service/Depreciation Base	$672,783	$672,783	$750,269	$750,269	$750,269	$750,269	$750,269	$750,269	$750,269	$750,269	$810,183	$810,183	$810,183	
3. Less: Accumulated Depreciation	$181,191	$184,106	$187,121	$190,237	$193,353	$196,469	$199,585	$202,701	$205,817	$208,932	$205,374	$208,645	$211,916	
4. CWIP - Non Interest Bearing	$37,154	$37,154	($36,696)	($36,696)	($36,696)	($36,696)	($36,696)	($36,696)	($36,696)	($36,696)	($36,696)	($36,696)	($36,696)	
5. Net Investment (Lines 2 - 3 + 4)	$528,746	$525,831	$526,451	$523,335	$520,220	$517,104	$513,988	$510,872	$507,756	$504,640	$568,114	$564,842	$561,571	
6. Average Net Investment		$527,289	$526,141	$524,893	$521,777	$518,662	$515,546	$512,430	$509,314	$506,198	$536,377	$566,478	$563,207	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes [1]		$3,020	$3,013	$3,006	$2,988	$2,970	$2,952	$2,935	$2,889	$2,871	$3,042	$3,213	$3,194	$36,093
b. Debt Component (Line 6 x debt rate) [2]		$516	$515	$513	$510	$507	$504	$501	$498	$495	$525	$554	$551	$6,190
8. Investment Expenses														
a. Depreciation		$2,915	$3,015	$3,116	$3,116	$3,116	$3,116	$3,116	$3,116	$3,116	$3,193	$3,271	$3,271	$37,477
b. Amortization		-	-	-	-	-	-	-	-	-	-	-	-	-
c. Dismantlements		-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other		-	-	-	-	-	-	-	-	-	-	-	-	-
9. Total System Recoverable Expenses (Lines 7 & 8)		$6,450	$6,543	$6,635	$6,614	$6,593	$6,572	$6,552	$6,503	$6,482	$6,760	$7,038	$7,016	$79,760

[1] The Equity component for 2021 is 5.1869%. The Gross-up factor for taxes is 1/.754782 for Jan-Jul and 1/.762074 for Aug-Dec; this includes the Federal Income Tax Rate of 21% and the change in State Tax from 4.458% to 3.535%.

[2] The Debt component for 2021 is 1.1737% based on December 2021 Earnings Surveillance report.

[1/2] Per Order No. PSC-2020-0165-PAA-EU, WACC is based on the December 2021 Earnings Surveillance Report, approved ROE midpoint, and the proration of accumulated deferred federal income taxes (ADFIT). An adjustment to true up the ADFIT amount has been applied to the original proration formula in the 2021 projection filings.

Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
FINAL TRUE-UP FILING
Return on Capital Investments, Depreciation and Taxes

FOR THE PERIOD: JANUARY 2021 THROUGH DECEMBER 2021

Line	Beginning of Period	a-Jan - 2021	a-Feb - 2021	a-Mar - 2021	a-Apr - 2021	a-May - 2021	a-Jun - 2021	a-Jul - 2021	a-Aug - 2021	a-Sep - 2021	a-Oct - 2021	a-Nov - 2021	a-Dec - 2021	Total
203-INCREMENTAL SECURITY - SOLAR														
Solar														
1. Investments														
a. Expenditures/Additions		-	-	-	-	-	-	-	-	-	-	-	-	-
b. Additions to Plants		-	$1,819	-	-	-	-	-	-	-	-	-	-	$1,819
c. Retirements		-	-	-	-	-	-	-	-	-	-	-	-	-
d. Cost of Removal		-	-	-	-	-	-	-	-	-	-	-	-	-
e. Salvage		-	-	-	-	-	-	-	-	-	-	-	-	-
f. Transfer Adjustments/Other		-	-	-	-	-	-	-	-	-	-	-	-	-
2. Plant-In-Service/Depreciation Base	$327,705	$327,705	$329,524	$329,524	$329,524	$329,524	$329,524	$329,524	$329,524	$329,524	$329,524	$329,524	$329,524	
3. Less: Accumulated Depreciation	$8,491	$12,392	$16,304	$20,240	$24,166	$28,089	$32,012	$35,938	$39,866	$43,789	$47,712	$51,635	$55,558	
4. CWIP - Non Interest Bearing	-	-	-	-	-	-	-	-	-	-	-	-	-	
5. Net Investment (Lines 2 - 3 + 4)	$319,215	$315,314	$313,220	$309,284	$305,358	$301,435	$297,512	$293,586	$289,658	$285,735	$281,812	$277,889	$273,966	
6. Average Net Investment		$317,264	$314,267	$311,252	$307,321	$303,397	$299,474	$295,549	$291,622	$287,697	$283,774	$279,851	$275,928	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes [1]		$1,817	$1,800	$1,782	$1,760	$1,737	$1,715	$1,693	$1,654	$1,632	$1,610	$1,587	$1,565	$20,352
b. Debt Component (Line 6 x debt rate) [2]		$310	$307	$304	$301	$297	$293	$289	$285	$281	$278	$274	$270	$3,489
8. Investment Expenses														
a. Depreciation		$3,901	$3,912	$3,936	$3,926	$3,923	$3,923	$3,926	$3,928	$3,923	$3,923	$3,923	$3,923	$47,067
b. Amortization		-	-	-	-	-	-	-	-	-	-	-	-	-
c. Dismantlements		-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other		-	-	-	-	-	-	-	-	-	-	-	-	-
9. Total System Recoverable Expenses (Lines 7 & 8)		$6,028	$6,019	$6,023	$5,987	$5,957	$5,931	$5,908	$5,867	$5,836	$5,810	$5,784	$5,758	$70,908

[1] The Equity component for 2021 is 5.1869%. The Gross-up factor for taxes is 1/.754782 for Jan-Jul and 1/.762074 for Aug-Dec; this includes the Federal Income Tax Rate of 21% and the change in State Tax from 4.458% to 3.535%.

[2] The Debt component for 2021 is 1.1737% based on December 2021 Earnings Surveillance report.

[1/2] Per Order No. PSC-2020-0165-PAA-EU, WACC is based on the December 2021 Earnings Surveillance Report, approved ROE midpoint, and the proration of accumulated deferred federal income taxes (ADFIT). An adjustment to true up the ADFIT amount has been applied to the original proration formula in the 2021 projection filings.

Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
FINAL TRUE-UP FILING
Return on Capital Investments, Depreciation and Taxes

FOR THE PERIOD: JANUARY 2021 THROUGH DECEMBER 2021

Line	Beginning of Period	a-Jan - 2021	a-Feb - 2021	a-Mar - 2021	a-Apr - 2021	a-May - 2021	a-Jun - 2021	a-Jul - 2021	a-Aug - 2021	a-Sep - 2021	a-Oct - 2021	a-Nov - 2021	a-Dec - 2021	Total
201-FUKUSHIMA														
Base														
1. Investments														
a. Expenditures/Additions		-	-	-	$600,567	-	$41,585	$1,171	-	$62	-	-	-	$643,386
b. Additions to Plants		$122,917	$214,792	$390,346	$2,781,355	$29,291	$67,805	($97,013)	-	($147,284)	$658	($6,053,625)	($1,141,781)	($3,832,539)
c. Retirements		-	-	-	($104,960)	-	-	-	-	($146,696)	-	($6,055,670)	($1,145,413)	($7,452,738)
d. Cost of Removal		($9,949)	($22,806)	($19,772)	($3,640)	($3,796)	($2,143)	($398)	($241)	($1,195)	($363)	($366)	($1,847)	($66,517)
e. Salvage		-	-	-	$2,744,120	-	-	-	-	-	-	-	-	$2,744,120
f. Transfer Adjustments/Other		-	-	-	-	-	-	-	-	-	-	-	-	-
2. Plant-In-Service/Depreciation Base	$107,198,477	$107,321,393	$107,536,186	$107,926,531	$110,707,886	$110,737,177	$110,804,982	$110,707,969	$110,707,969	$110,560,685	$110,561,343	$104,507,719	$103,365,938	
3. Less: Accumulated Depreciation	$11,321,880	$11,721,905	$12,109,725	$12,501,732	$15,555,612	$15,976,072	$16,398,386	$16,822,392	$17,246,354	$17,522,527	$17,946,088	$12,296,796	$11,531,718	
4. CWIP - Non Interest Bearing	$1,243,367	$1,243,367	$1,243,367	$1,243,367	$1,843,934	$1,843,934	$1,885,520	$1,886,691	$1,886,691	$1,886,753	$1,886,753	$1,886,753	$1,886,753	
5. Net Investment (Lines 2 - 3 + 4)	$97,119,964	$96,842,855	$96,669,827	$96,668,166	$96,996,208	$96,605,039	$96,292,115	$95,772,268	$95,348,306	$94,924,911	$94,502,008	$94,097,676	$93,720,973	
6. Average Net Investment		$96,981,410	$96,756,341	$96,668,997	$96,832,187	$96,800,624	$96,448,577	$96,032,192	$95,560,287	$95,136,609	$94,713,460	$94,299,842	$93,909,324	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes [1]		$555,382	$554,093	$553,593	$554,528	$554,347	$552,331	$549,946	$542,008	$539,605	$537,205	$534,859	$532,644	$6,560,541
b. Debt Component (Line 6 x debt rate) [2]		$94,858	$94,637	$94,552	$94,712	$94,681	$94,336	$93,929	$93,468	$93,053	$92,639	$92,235	$91,853	$1,124,952
8. Investment Expenses														
a. Depreciation		$409,974	$410,626	$411,779	$418,360	$424,257	$424,458	$424,403	$424,203	$424,063	$423,925	$406,743	$382,182	$4,984,974
b. Amortization		-	-	-	-	-	-	-	-	-	-	-	-	-
c. Dismantlements		-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other		-	-	-	-	-	-	-	-	-	-	-	-	-
9. Total System Recoverable Expenses (Lines 7 & 8)		$1,060,214	$1,059,357	$1,059,924	$1,067,599	$1,073,285	$1,071,125	$1,068,278	$1,059,678	$1,056,721	$1,053,769	$1,033,837	$1,006,679	$12,670,466

[1] The Equity component for 2021 is 5.1869%. The Gross-up factor for taxes is 1/.754782 for Jan-Jul and 1/.762074 for Aug-Dec; this includes the Federal Income Tax Rate of 21% and the change in State Tax from 4.458% to 3.535%.

[2] The Debt component for 2021 is 1.1737% based on December 2021 Earnings Surveillance report.

[1/2] Per Order No. PSC-2020-0165-PAA-EU, WACC is based on the December 2021 Earnings Surveillance Report, approved ROE midpoint, and the proration of accumulated deferred federal income taxes (ADFIT). An adjustment to true up the ADFIT amount has been applied to the original proration formula in the 2021 projection filings.

Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
FINAL TRUE-UP FILING
Cedar Bay Transaction - Regulatory Asset Related to the Loss of the PPA and Income Tax Gross-Up

FOR THE PERIOD: JANUARY 2021 THROUGH DECEMBER 2021

Line No.	Line	Beginning of Period	a-Jan - 2021	a-Feb - 2021	a-Mar - 2021	a-Apr - 2021	a-May - 2021	a-Jun - 2021	a-Jul - 2021	a-Aug - 2021	a-Sep - 2021	a-Oct - 2021	a-Nov - 2021	a-Dec - 2021	Total
1	Regulatory Asset Loss of PPA [1]		$223,071,453	$218,424,131	$213,776,809	$209,129,487	$204,482,165	$199,834,843	$195,187,521	$190,540,199	$185,892,877	$181,245,555	$176,598,233	$171,950,911	
2															
3	Regulatory Asset - Loss of PPA Amort		$4,647,322	$4,647,322	$4,647,322	$4,647,322	$4,647,322	$4,647,322	$4,647,322	$4,647,322	$4,647,322	$4,647,322	$4,647,322	$4,647,322	$55,767,864
4															
5	Unamortized Regulatory Asset - Loss of PPA	$223,071,453	$218,424,131	$213,776,809	$209,129,487	$204,482,165	$199,834,843	$195,187,521	$190,540,199	$185,892,877	$181,245,555	$176,598,233	$171,950,911	$167,303,589	
6															
7	Average Unamortized Regulatory Asset - Loss of PPA		$220,747,792	$216,100,470	$211,453,148	$206,805,826	$202,158,504	$197,511,182	$192,863,860	$188,216,538	$183,569,216	$178,921,894	$174,274,572	$169,627,250	
8															
9	Regulatory Asset - Income Tax Gross Up [1]		$140,089,201	$137,170,676	$134,252,151	$131,333,626	$128,415,101	$125,496,576	$122,578,051	$119,659,526	$116,741,001	$113,822,476	$110,903,951	$107,985,426	
10															
11	Regulatory Asset Amortization - Income Tax Gross-Up		$2,918,525	$2,918,525	$2,918,525	$2,918,525	$2,918,525	$2,918,525	$2,918,525	$2,918,525	$2,918,525	$2,918,525	$2,918,525	$2,918,525	$35,022,300
12															
13	Unamortized Regulatory Asset - Income Tax Gross Up	$140,089,201	$137,170,676	$134,252,151	$131,333,626	$128,415,101	$125,496,576	$122,578,051	$119,659,526	$116,741,001	$113,822,476	$110,903,951	$107,985,426	$105,066,901	
14															
15	Return on Unamortized Regulatory Asset - Loss of PPA only														
16	Equity Component		$954,160	$934,073	$913,985	$893,898	$873,810	$853,722	$833,635	$813,547	$793,460	$773,372	$753,284	$733,197	$10,124,142
17															
18	Equity Comp. grossed up for taxes [2]		$1,264,154	$1,237,540	$1,210,926	$1,184,312	$1,157,699	$1,131,085	$1,104,471	$1,067,544	$1,041,185	$1,014,826	$988,467	$962,108	$13,364,317
19															
20	Debt Component [3]		$215,913	$211,368	$206,822	$202,277	$197,731	$193,186	$188,640	$184,095	$179,549	$175,004	$170,458	$165,912	$2,290,955
21															
22	Total Return Requirements (Line 18 + 20)		$1,480,067	$1,448,908	$1,417,749	$1,386,589	$1,355,430	$1,324,271	$1,293,111	$1,251,639	$1,220,734	$1,189,829	$1,158,925	$1,128,020	$15,655,272
23	Total Recoverable Costs (Line 3 + 11 + 22)		$9,045,914	$9,014,755	$8,983,596	$8,952,436	$8,921,277	$8,890,118	$8,858,958	$8,817,486	$8,786,581	$8,755,676	$8,724,772	$8,693,867	$106,445,436
24															
25															

[1] Recovery of the Cedar Bay Transaction is based on the settlement agreement approved by the FPSC in Docket No. 150075-EI, Order No. PSC-15-0401-AS-EI.

[2] The Equity component for 2021 is 5.1869%. The Gross-up factor for taxes is 1/.754782 for Jan-Jul and 1/.762074 for Aug-Dec; this includes the Federal Income Tax Rate of 21% and the change in State Tax from 4.458% to 3.535%.

[3] The Debt component for 2021 is 1.1737% based on December 2021 Earnings Surveillance report.

[2/3] Per Order No. PSC-2020-0165-PAA-EU, WACC is based on the December 2021 Earnings Surveillance Report, approved ROE midpoint, and the proration of accumulated deferred federal income taxes (ADFIT). An adjustment to true up the ADFIT amount has been applied to the original proration formula in the 2021 projection filings.

Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
FINAL TRUE-UP FILING
Cedar Bay Transaction - Regulatory Liability - Book/Tax Timing Difference Associated to Plant Asset

FOR THE PERIOD: JANUARY 2021 THROUGH DECEMBER 2021

Line No.	Line	Beginning of Period	a-Jan - 2021	a-Feb - 2021	a-Mar - 2021	a-Apr - 2021	a-May - 2021	a-Jun - 2021	a-Jul - 2021	a-Aug - 2021	a-Sep - 2021	a-Oct - 2021	a-Nov - 2021	a-Dec - 2021	Total
1	Regulatory Liability - Book/Tax Timing Difference [1]		($2,921,701)	($2,860,833)	($2,799,965)	($2,739,097)	($2,678,229)	($2,617,361)	($2,556,493)	($2,495,625)	($2,434,757)	($2,373,889)	($2,313,021)	($2,252,153)	
2															
3	Regulatory Liability Amortization		$60,868	$60,868	$60,868	$60,868	$60,868	$60,868	$60,868	$60,868	$60,868	$60,868	$60,868	$60,868	$730,416
4															
5	Unamortized Regulatory Liability - Book/Tax Timing Diff	($2,921,701)	($2,860,833)	($2,799,965)	($2,739,097)	($2,678,229)	($2,617,361)	($2,556,493)	($2,495,625)	($2,434,757)	($2,373,889)	($2,313,021)	($2,252,153)	($2,191,285)	
6															
7	Average Unamortized Regulatory Liability - Book/Tax Timing Difference		($2,891,267)	($2,830,399)	($2,769,531)	($2,708,663)	($2,647,795)	($2,586,927)	($2,526,059)	($2,465,191)	($2,404,323)	($2,343,455)	($2,282,587)	($2,221,719)	
8															
9	Return on Unamortized Regulatory Asset - Loss of PPA only														
10	Equity Component		($12,497)	($12,234)	($11,971)	($11,708)	($11,445)	($11,182)	($10,919)	($10,656)	($10,392)	($10,129)	($9,866)	($9,603)	($132,602)
11															
12	Equity Comp. grossed up for taxes [2]		($16,557)	($16,209)	($15,860)	($15,512)	($15,163)	($14,815)	($14,466)	($13,982)	($13,637)	($13,292)	($12,947)	($12,601)	($175,041)
13															
14	Debt Component [3]		($2,828)	($2,768)	($2,709)	($2,649)	($2,590)	($2,530)	($2,471)	($2,411)	($2,352)	($2,292)	($2,233)	($2,173)	($30,006)
15															
16	Total Return Requirements (Line 12 + 14)		($19,385)	($18,977)	($18,569)	($18,161)	($17,753)	($17,345)	($16,937)	($16,394)	($15,989)	($15,584)	($15,179)	($14,774)	($205,047)
17	Total Recoverable Costs (Line 3 + 16)		($80,253)	($79,845)	($79,437)	($79,029)	($78,621)	($78,213)	($77,805)	($77,262)	($76,857)	($76,452)	($76,047)	($75,642)	($935,463)
18															
19															

20 [1] Recovery of the Cedar Bay Transaction is based on the settlement agreement approved by the FPSC in Docket No. 150075-EI, Order No. PSC-15-0401-AS-EI.

21 [2] The Equity component for 2021 is 5.1869%. The Gross-up factor for taxes is 1/.754782 for Jan-Jul and 1/.762074 for Aug-Dec; this includes the Federal Income Tax Rate of 21% and the change in State Tax from 4.458% to 3.535%.

22 [3] The Debt component for 2021 is 1.1737% based on December 2021 Earnings Surveillance report.

23

24 [2/3] Per Order No. PSC-2020-0165-PAA-EU, WACC is based on the December 2021 Earnings Surveillance Report, approved ROE midpoint, and the proration of accumulated deferred federal income taxes (ADFIT). An adjustment to true up the ADFIT amount has been applied to the original proration formula in the 2021 projection filings.

25

26 Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
FINAL TRUE-UP FILING
Indiantown Transaction - Regulatory Asset Related to the Loss of the PPA and Income Tax Gross-Up

FOR THE PERIOD: JANUARY 2021 THROUGH DECEMBER 2021

Line No.	Line	Beginning of Period	a-Jan - 2021	a-Feb - 2021	a-Mar - 2021	a-Apr - 2021	a-May - 2021	a-Jun - 2021	a-Jul - 2021	a-Aug - 2021	a-Sep - 2021	a-Oct - 2021	a-Nov - 2021	a-Dec - 2021	Total
1	Regulatory Asset Loss of PPA [1]		$250,833,333	$246,652,777	$242,472,221	$238,291,666	$234,111,110	$229,930,555	$225,749,999	$221,569,444	$217,388,888	$213,208,333	$209,027,777	$204,847,221	
2															
3	Regulatory Asset - Loss of PPA Amort		$4,180,556	$4,180,556	$4,180,556	$4,180,556	$4,180,556	$4,180,556	$4,180,556	$4,180,556	$4,180,556	$4,180,556	$4,180,556	$4,180,556	$50,166,667
4															
5	Unamortized Regulatory Asset - Loss of PPA	$250,833,333	$246,652,777	$242,472,221	$238,291,666	$234,111,110	$229,930,555	$225,749,999	$221,569,444	$217,388,888	$213,208,333	$209,027,777	$204,847,221	$200,666,666	
6															
7	Average Unamortized Regulatory Asset - Loss of PPA		$248,743,055	$244,562,499	$240,381,944	$236,201,388	$232,020,833	$227,840,277	$223,659,721	$219,479,166	$215,298,610	$211,118,055	$206,937,499	$202,756,944	
8															
9	Return on Unamortized Regulatory Asset - Loss of PPA only														
10	Equity Component		$1,075,167	$1,057,097	$1,039,027	$1,020,957	$1,002,887	$984,817	$966,747	$948,677	$930,607	$912,537	$894,467	$876,397	$11,709,382
11															
12	Equity Comp. grossed up for taxes [2]		$1,424,474	$1,400,533	$1,376,592	$1,352,652	$1,328,711	$1,304,770	$1,280,829	$1,244,863	$1,221,151	$1,197,439	$1,173,728	$1,150,016	$15,455,758
13															
14	Debt Component [3]		$243,296	$239,207	$235,118	$231,029	$226,940	$222,851	$218,762	$214,673	$210,584	$206,495	$202,406	$198,317	$2,649,673
15															
16	Total Return Requirements (Line 12 + 14)		$1,667,769	$1,639,740	$1,611,710	$1,583,680	$1,555,651	$1,527,621	$1,499,591	$1,459,535	$1,431,734	$1,403,934	$1,376,133	$1,348,332	$18,105,431
17	Total Recoverable Costs (Line 3 + 16)		$5,848,325	$5,820,295	$5,792,266	$5,764,236	$5,736,206	$5,708,176	$5,680,147	$5,640,091	$5,612,290	$5,584,489	$5,556,689	$5,528,888	$68,272,097
18															
19															

20 [1] Recovery of the Indiantown Transaction is based on the settlement agreement approved by the FPSC in Docket No. 160154-EI, Order No. PSC-16-0506-FOF-EI.

21 [2] The Equity component for 2021 is 5.1869%. The Gross-up factor for taxes is 1/.754782 for Jan-Jul and 1/.762074 for Aug-Dec; this includes the Federal Income Tax Rate of 21% and the change in State Tax from 4.458% to 3.535%.

22 [3] The Debt component for 2021 is 1.1737% based on December 2021 Earnings Surveillance report.

23 [2/3] Per Order No. PSC-2020-0165-PAA-EU, WACC is based on the December 2021 Earnings Surveillance Report, approved ROE midpoint, and the proration of accumulated deferred federal income taxes (ADFIT). An adjustment to true up the ADFIT amount has been applied to the original proration formula in the 2021
24 projection filings.

25

26 Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
FINAL TRUE-UP FILING
SJRPP Transaction - Regulatory Assets and Liabilities Related to the SJRPP Transaction

FOR THE PERIOD: JANUARY 2021 THROUGH DECEMBER 2021

Line No.	Line	Beginning of Period	a-Jan - 2021	a-Feb - 2021	a-Mar - 2021	a-Apr - 2021	a-May - 2021	a-Jun - 2021	a-Jul - 2021	a-Aug - 2021	a-Sep - 2021	a-Oct - 2021	a-Nov - 2021	a-Dec - 2021	Total
1	Regulatory Asset - SJRPP Transaction Shutdown Payment [1]		$19,652,174	$17,686,957	$15,721,739	$13,756,522	$11,791,305	$9,826,087	$7,860,870	$5,895,653	$3,930,435	$1,965,218	-	-	$108,086,961
2	Regulatory Asset - SJRPP Transaction Shutdown Payment Amortization		$1,965,217	$1,965,217	$1,965,217	$1,965,217	$1,965,217	$1,965,217	$1,965,217	$1,965,217	$1,965,217	$1,965,218	-	-	$19,652,174
3	Unamortized Regulatory Asset - SJRPP Transaction Shutdown Payment	$19,652,174	$17,686,957	$15,721,739	$13,756,522	$11,791,305	$9,826,087	$7,860,870	$5,895,653	$3,930,435	$1,965,218	-	-	-	
4															
5	Other regulatory liability - SJRPP Suspension Liability		($2,153,173)	($1,937,856)	($1,722,538)	($1,507,221)	($1,291,904)	($1,076,587)	($861,269)	($645,952)	($430,635)	($215,318)	-	-	
6	Other regulatory liability - SJRPP Suspension Liability Amortization (Refund)		($215,317)	($215,317)	($215,317)	($215,317)	($215,317)	($215,317)	($215,317)	($215,317)	($215,317)	($215,318)	-	-	($2,153,173)
7	Unamortized Regulatory Liability - SJRPP Suspension Liability	($2,153,173)	($1,937,856)	($1,722,538)	($1,507,221)	($1,291,904)	($1,076,587)	($861,269)	($645,952)	($430,635)	($215,318)	-	-	-	
8															
9	Average Net Unamortized Regulatory Asset/Liab (Lines 3 + 7)		$16,624,051	$14,874,151	$13,124,251	$11,374,351	$9,624,451	$7,874,551	$6,124,651	$4,374,751	$2,624,851	$874,950	-	-	
10															
11	Equity Component		$71,856	$64,292	$56,728	$49,164	$41,601	$34,037	$26,473	$18,909	$11,346	$3,782	-	-	$378,188
12	Equity Comp. grossed up for taxes [2]		$95,201	$85,180	$75,158	$65,137	$55,116	$45,095	$35,074	$24,813	$14,888	$4,963	-	-	$500,625
13	Debt Component (Line 9 x debt rate x 1/12) [3]		$16,260	$14,548	$12,837	$11,125	$9,414	$7,702	$5,991	$4,279	$2,567	$856	-	-	$85,579
14															
15	Total Return Requirements (Line 12 + 13)		$111,461	$99,728	$87,995	$76,263	$64,530	$52,797	$41,064	$29,092	$17,455	$5,818	-	-	$586,204
16															
17	Other SJRPP Transaction Items [4]														
18	SJRPP Deferred Interest Amortization (Refund)		($269,182)	($269,182)	($269,182)	($269,182)	($269,182)	($269,182)	($269,182)	($269,182)	($269,182)	($269,183)	-	-	($2,691,819)
19	SJRPP Article 8 PPA Dismantlement Accrual Amortization (Refund)		($867,898)	($867,898)	($867,898)	($867,898)	($867,898)	($867,898)	($867,898)	($867,898)	($867,898)	($867,900)	-	-	($8,678,980)
20															
21	Total Recoverable Expenses (Lines 2 + 6 + 12 + 13 + 18 + 19)		$724,281	$712,549	$700,816	$689,083	$677,350	$665,618	$653,885	$641,913	$630,276	$618,636	-	-	$6,714,406
22															
23															

24 [1] The total amount of SJRPP Deferred Interest and Article 8 PPA Dismantlement Accrual to refund is $12.4M and $39.9M, respectively. The unamortized balances for these regulatory liabilities are a reflected in rate base.

25 [2] The Equity component for 2021 is 5.1869%. The Gross-up factor for taxes is 1/.754782 for Jan-Jul and 1/.762074 for Aug-Dec; this includes the Federal Income Tax Rate of 21% and the change in State Tax from 4.458% to 3.535%.

26 [3] The Debt component for 2021 is 1.1737% based on December 2021 Earnings Surveillance report.

27 [4] The total amount of SJRPP Deferred Interest and Article 8 PPA Dismantlement Accrual to refund is $12.4M and $39.9M, respectively. The unamortized balances for these regulatory liabilities are a reflected in rate base.

28

29 [2/3] Per Order No. PSC-2020-0165-PAA-EU, WACC is based on the December 2021 Earnings Surveillance Report, approved ROE midpoint, and the proration of accumulated deferred federal income taxes (ADFIT). An adjustment to true up the ADFIT amount has been applied to the original proration formula in the 2021 projection filings.

30

31 Totals may not add due to rounding

Florida Power & Light Company
Schedule A12 - Capacity Costs: Payments to Co-generators
Page 1 of 2

For the Month of Dec-21

Contract	Capacity MW	Term Start	Term End	Contract Type
Broward South - 1991 Agreement	3.5	1/1/1993	12/31/2026	QF

QF = Qualifying Facility

	January	February	March	April	May	June	July	August	September	October	November	December	Year-to-date
BS-NEG '91	122,325	122,325	122,325	122,325	122,325	122,325	122,325	122,325	122,325	122,325	122,325	122,325	1,467,900
Total	122,325	122,325	122,325	122,325	122,325	122,325	122,325	122,325	122,325	122,325	122,325	122,325	1,467,900

Florida Power & Light Company
Schedule A12 - Capacity Costs: Payments to Non-cogenerators
Page 2 of 2

For the Month of Dec-21

Contract	Counterparty	Identification	Contract Start Date	Contract End Date
1	Solid Waste Authority - 40 MW	Other Entity	January, 2012	March 31, 2032
2	Solid Waste Authority - 70 MW	Other Entity	July, 2015	May 31, 2034

2021 Capacity in MW

Contract	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	40	40	40	40	40	40	40	40	40	40	40	40
2	70	70	70	70	70	70	70	70	70	70	70	70
Total	110	110	110	110	110	110	110	110	110	110	110	110

2021 Capacity in Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total	1,317,600	1,317,600	1,317,600	1,317,600	1,317,600	1,364,000	1,364,000	1,364,000	1,364,000	1,364,000	1,364,000	1,364,000

Year-to-date Short Term Capacity Payments	16,136,000 (1)

(1) Total capacity costs do not include payments for the Solid Waste Authority - 70 MW unit. Capacity costs for this unit were recovered through the Energy Conservation Cost Recovery Clause in 2014, consistent with Commission Order No. PSC-11-0293-FOF-EU issued in Docket No. 110018-EU on July 6, 2011.

Contract	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1												
2												

True ups												
1												
2												

FLORIDA POWER & LIGHT COMPANY
COST RECOVERY CLAUSES
2021 FINAL TRUE UP WACC @10.55%

CAPITAL STRUCTURE AND COST RATES (a)

	Adjusted Retail	Ratio	Midpoint Cost Rates	Weighted Cost	Pre-Tax Weighted Cost
Long term debt	$14,211,473,777	30.450%	3.68%	1.1212%	1.12%
Short term debt	$576,179,219	1.235%	0.88%	0.0109%	0.01%
Preferred stock	$0	0.000%	0.00%	0.0000%	0.00%
Customer Deposits	$393,694,532	0.844%	2.18%	0.0184%	0.02%
Common Equity [(b)]	$22,483,041,795	48.172%	10.55%	5.0822%	6.67%
Deferred Income Tax	$8,251,966,332	17.681%	0.00%	0.0000%	0.00%
Investment Tax Credits					
Zero cost	$0	0.000%	0.00%	0.0000%	0.00%
Weighted cost	$755,711,932	1.619%	7.89%	0.1278%	0.16%
TOTAL	$46,672,067,588	100.00%		6.36%	7.98%

CALCULATION OF THE WEIGHTED COST FOR CONVERTIBLE INVESTMENT TAX CREDITS (C-ITC) [(c)]

	Adjusted Retail	Ratio	Cost Rate	Weighted Cost	Pre-Tax Cost
Long term debt	$14,211,473,777	38.73%	3.682%	1.426%	1.426%
Preferred Stock	$0	0.00%	0.000%	0.000%	0.000%
Common Equity	$22,483,041,795	61.27%	10.550%	6.464%	8.482%
TOTAL	$36,694,515,572	100.00%		7.890%	9.908%

RATIO

DEBT COMPONENTS	
Long term debt	1.1212%
Short term debt	0.0109%
Customer Deposits	0.0184%
Tax credits weighted	0.0231%
TOTAL DEBT	**1.1737%**

EQUITY COMPONENTS:	
PREFERRED STOCK	0.0000%
COMMON EQUITY	5.0822%
TAX CREDITS -WEIGHTED	0.1047%
TOTAL EQUITY	**5.1869%**
TOTAL	6.3605%
PRE-TAX EQUITY	6.8062%
PRE-TAX TOTAL	7.9799%

Note:
(a) Capital structure includes a deferred income tax proration adjustment consistent with FPSC Order No. PSC-2020-0165-PAA-EU, Docket No. 20200118-EU.
(b) Cost rate for common equity represents FPL's mid-point return on equity approved by the FPSC in Order No. PSC-16-0560-AS-EI, Docket Nos. 160021-EI, 160061-EI, 160062-EI, and 160088-EI.
(c) This capital structure applies only to Convertible Investment Tax Credit (C-ITC)

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 16
PARTY: RBD-3
DESCRIPTION: 2021 FCR Final True-Up Calculation – Pre-consolidated Gulf Power Company

GULF POWER COMPANY
FUEL COST RECOVERY CLAUSE
CALCULATION OF FINAL TRUE-UP
JANUARY 2021 - DECEMBER 2021

1. Estimated over/(under)-recovery for the period JANUARY 2021 - DECEMBER 2021 (Schedule E-1B, Line 9, filed November 8, 2021) approved in FPSC Order No. PSC-2021-0460-PCO-EI issued on December 15, 2021)	($103,719,775)
2. Actual over/(under)-recovery for the period January 2021 - December 2021 (Revised December 2021 Schedule A-2, page 2 of 3, "Period-to-Date", Lines 7 + 8 + 12)	($81,780,862)
3. Amount to be refunded/(recovered) in the January 2023 - December 2023 projection period (Line 2 - Line 1)	$ 21,938,913

CALCULATION OF TRUE-UP
GULF POWER COMPANY
FOR THE PERIOD JANUARY 2021 - DECEMBER 2021

	Actual JANUARY	Actual FEBRUARY	Actual MARCH	Actual APRIL	Actual MAY	Actual JUNE	Actual JULY	Actual AUGUST	Actual SEPTEMBER	Actual OCTOBER	Actual NOVEMBER	Actual DECEMBER	TOTAL 12 MONTHS
Fuel Cost of System Generation	$21,380,372.00	$28,880,778.57	$16,752,942.96	$15,418,156.98	$16,068,473.61	23,133,599.22	32,775,409.44	34,659,714.10	36,376,648.32	39,980,718.17	24,383,347.98	7,224,225.83	$297,034,387.18
Fuel Cost of Hedging Settlement	-	-	-	-	-	-	-	-	-	-	-	-	$0.00
Stratified Sales Revenue CREDIT	(632,992.40)	(1,012,727.67)	(494,001.74)	(449,863.20)	(671,041.17)	(858,321.44)	(1,077,943.67)	(1,163,612.89)	(1,211,028.34)	(1,103,908.63)	(877,063.40)	(720,657.92)	($10,273,162.47)
Fuel Cost of Power Sold	(10,784,812.81)	(12,361,914.90)	(8,401,282.21)	(1,425,250.20)	(2,625,204.74)	(4,906,523.34)	(9,137,071.48)	(10,950,491.78)	(12,798,512.20)	(7,005,200.97)	(18,120,863.14)	(6,424,318.18)	($104,941,445.95)
Fuel Cost of Purchased Power	15,678,283.20	14,664,962.88	17,380,602.79	13,495,940.72	14,988,416.40	18,523,921.93	20,084,904.66	21,605,659.62	23,873,889.16	20,380,676.35	27,547,739.59	22,776,092.08	$231,001,089.38
Demand & Non-Fuel Cost Of Purchased Power	-	-	-	-	-	-	-	-	-	-	-	-	$0.00
Energy Payments to Qualified Facilities	241,980.69	283,198.03	186,301.01	303,834.60	279,402.30	439,568.59	476,919.39	537,359.07	431,503.90	511,784.25	633,833.05	684,909.38	$5,010,594.26
Energy Cost of Economy Purchases	-	-	-	-	-	-	-	-	-	-	-	-	$0.00
Other Generation	211,836.04	273,941.62	213,193.01	221,110.52	170,206.98	166,914.86	180,561.55	194,458.99	286,504.62	364,991.70	244,530.79	278,594.01	$2,806,844.69
Adjustments to Fuel Cost *	(66,102.18)	(56,447.68)	(168,779.16)	259,204.59	-	-	(101,085.04)	-	-	-	-	(575.36)	(133,784.83)
TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Thru A6)	$26,028,564.54	$30,671,790.85	$25,468,976.66	$27,823,134.01	$28,210,253.38	$36,499,159.82	$43,201,694.85	$44,883,087.11	$46,959,005.46	$53,129,060.87	$33,811,524.87	$23,818,269.84	$420,504,522.26
Jurisdictional KWH Sales	845,524,629	770,762,557	740,914,413	725,199,507	921,217,470	1,028,037,836	1,141,843,782	1,150,987,866	979,891,818	895,487,678	702,831,052	755,900,464	10,658,599,072
Non-Jurisdictional KWH Sales	25,558,119	22,278,124	21,218,738	19,563,377	24,843,492	28,026,888	30,167,824	30,718,980	27,019,755	23,511,498	21,264,272	22,475,846	296,646,913
TOTAL SALES (Lines B1 + B2)	871,082,748	793,040,681	762,133,151	744,762,884	946,060,962	1,056,064,724	1,172,011,606	1,181,706,846	1,006,911,573	918,999,176	724,095,324	778,376,310	10,955,245,985
Jurisdictional %	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	
Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	$25,464,397	$23,376,455	$22,454,384	$21,752,114	$27,873,521	$32,769,548	$37,457,616	$37,797,194	$33,051,806	$29,181,183	$22,339,684	$25,647,792	$339,165,691.66
True-Up Provision	(91,639.00)	(91,641.00)	(91,641.00)	(91,641.00)	(91,641.00)	(91,641.00)	(91,641.00)	(91,641.00)	(91,641.00)	(91,641.00)	(91,641.00)	(91,641.00)	(1,099,690.00)
Incentive Provision	(5,185.00)	(5,182.00)	(5,182.00)	(5,182.00)	(5,182.00)	(5,182.00)	(5,182.00)	(5,182.00)	(5,182.00)	(5,182.00)	(5,182.00)	(5,182.00)	(62,187.00)
Retail Tax Savings Credit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Thru C2b)	$25,367,572.75	$23,279,631.61	$22,357,560.99	$21,655,290.59	$27,776,697.51	$32,672,725.06	$37,360,793.05	$37,700,370.85	$32,954,982.99	$29,084,360.10	$22,242,860.53	$25,550,968.63	$338,003,814.66
Fuel & Net Power Transactions (Line A7)	$ 26,028,564.54	$ 30,671,790.85	$ 25,468,976.66	$ 27,823,134.01	$ 28,210,253.38	$ 36,499,159.82	$ 43,201,694.85	$ 44,883,087.11	$46,959,005.46	$ 53,129,060.87	$ 33,811,524.87	$ 23,818,269.84	$ 420,504,522.26
Jurisdictional Fuel Cost Adj. for Line Losses (Line A7 x Line B4 x 1.0012)	26,059,798.82	30,708,597.00	25,499,539.43	27,856,521.77	28,244,105.68	36,542,958.81	43,253,536.88	44,936,946.81	47,015,356.27	53,192,815.74	33,852,098.70	23,846,851.76	421,009,127.67
Over/(Under) Recovery (Line C3-C5)	(692,226.07)	(7,428,965.39)	(3,141,978.44)	(6,201,231.18)	(467,408.17)	(3,870,233.75)	(5,892,743.83)	(7,236,575.96)	(14,060,373.28)	(24,108,455.64)	(11,609,238.17)	1,704,116.87	(83,005,313.01)
Interest Provision	376.89	139.32	(268.21)	(585.87)	(508.53)	(656.63)	(1,039.54)	(1,219.86)	(1,887.58)	(3,344.89)	(5,665.91)	(6,050.37)	(20,711.18)
Adjustments	1,245,162.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,245,162.08
TOTAL TRUE-UP FOR THE PERIOD JANUARY 2021- DECEMBER 2021													($81,780,862.11)

3.0508 ¢/KWH

GULF POWER COMPANY
FUEL VARIANCES SUMMARY
ACTUAL vs. ESTIMATED
FOR THE PERIOD
JANUARY 2021 - DECEMBER 2021

	(1)	(2) 2021 Final True-Up	(3) 2021 Actual/ Estimated	(4) Difference	(5) Percent Variance
1	Fuel Cost of System Generation (incl. adj.)	299,707,447	335,042,388	(35,334,941)	-10.55%
2	Fuel Cost of Hedging Settlement	0	0	0	N/A
3	Stratified Revenue Credit	(10,273,162)	(10,022,082)	(251,080)	2.51%
4	Total Fuel Cost & Gains on Power Sales	(104,941,444)	(98,766,525)	(6,174,920)	6.25%
5	Total Cost of Purchased Power	236,011,683	215,331,976	20,679,707	9.60%
6	**TOTAL FUEL & NET POWER TRANSACTIONS**	420,504,523	441,585,757	(21,081,235)	-4.77%
7					
8	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	339,165,692	338,332,868	832,824	0.25%
9	True-Up Provision	(1,099,690)	(1,099,690)	0	0.00%
10	Incentive Provision	(62,187)	(62,187)	0	0.00%
12	**FUEL REVENUE APPLICABLE TO PERIOD**	338,003,815	337,170,991	832,824	0.25%
13					
14					
15	Fuel Cost of System Generation (MWH)	8,485,856	9,304,894	(819,038)	-8.80%
17	Total Fuel Cost & Gains on Power Sales (MWH)	(2,920,207)	(3,165,494)	245,287	-7.75%
18	Total Cost of Purchased Power (MWH)	6,023,582	5,532,000	491,582	8.89%
19	**TOTAL FUEL & NET POWER TRANSACTIONS (MWH)**	11,589,232	11,671,400	(82,169)	-0.70%
20					
21	Fuel Cost of System Generation (¢/kWh)	3.532	3.601	(0.069)	-1.91%
22	Total Fuel Cost & Gains on Power Sales (¢/kWh)	3.594	3.120	0.474	15.18%
23	Total Cost of Purchased Power (¢/kWh)	3.918	3.892	0.026	0.66%
24	TOTAL FUEL & NET POWER TRANSACTIONS (¢/kWh)	3.628	3.783	0.430	11.37%
25					
26					
27					
28	**COMPARATIVE DATA BY MAJOR FUEL TYPE**				
29	*COAL + GAS B.L. + OIL B.L.* (1)				
30	Total Dollar	55,652,712	75,710,068	(20,057,356)	-26.49%
31	BTUs Burned	19,429,258	25,791,228	(6,361,970)	-24.67%
32	$/mmBtu	2.86	2.94	(0.07)	-2.42%
33	Generation (MWh)	1,764,533	2,431,385	(666,852)	-27.43%
34	Fuel Costs (¢ / kWh)	3.15	3.11	0.04	1.29%
35					
36	*GAS - Generation*				
37	Total Dollar	238,841,216	254,112,127	(15,270,911)	-6.01%
38	BTUs Burned	53,567,757	55,544,838	(1,977,081)	-3.56%
39	$/mmBtu	4.46	4.57	(0.12)	-2.54%
40	Generation (MWh)	6,517,631	6,686,734	(169,103)	-2.53%
41	Fuel Costs (¢ / kWh)	3.66	3.80	(0.14)	-3.68%
42					
43	*OIL - C.T.*				
44	Total Dollar	260,522	151,269	109,253	72.22%
45	BTU's Burned	15,853	9,300	6,553	70.46%
46	$/mmbtu	16.43	16.27	0.17	1.03%
47	Generation (MWh)	1,069	618	451	72.98%
48	Fuel Costs (¢ / KWH)	24.37	24.48	(0.11)	-0.45%
49					
50	*TOTAL*				
51	Total Dollar	299,021,430	334,305,813	(35,284,384)	-10.55%
52	BTUs Burned	73,347,410	81,572,461	(8,225,051)	-10.08%
53	$/mmBtu	4.08	4.10	(0.021)	-0.52%
54	Generation (MWh)	8,282,282	9,118,231	(835,950)	-9.17%
55	Fuel Costs (¢ / kWh)	3.61	3.67	(0.06)	-1.63%

Note: (1) B.L. is an abbreviation for “Boiler Lighter” representing starter fuel burn

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 17
PARTY: RBD-4
DESCRIPTION: 2021 CCR Final True-Up Calculation – Pre-consolidated Gulf Power Company Confidential DN. 02217-202...

Schedule CCA-1

GULF POWER COMPANY
PURCHASED POWER CAPACITY COST RECOVERY CLAUSE
CALCULATION OF FINAL TRUE-UP
JANUARY 2021 - DECEMBER 2021

1. Estimated over/(under)-recovery for the period January 2021 - December 2021 (Schedule CCE-1E, line 1, filed July 27, 2021 and approved in FPSC Order No. PSC-2021-0442-FOF-EI issued on November 30, 2021)	$	1,687,693
2. Actual over/(under)-recovery for the period January 2021 - December 2021 (Schedule CCA-3, Line 11 + 12 + 15)		(2,250,303)
3. Amount to be refunded/(recovered) in the January 2023 - December 2023 projection period (Line 2 - Line 1)	$	(3,937,996)

Schedule CCA-2

GULF POWER COMPANY
CAPACITY VARIANCES SUMMARY
ACTUAL vs. ESTIMATED
FOR THE PERIOD
JANUARY 2021 - DECEMBER 2021

	2021 Final True-Up	2021 Actual/ Estimated	Difference	Percent Variance
1. IIC Payments / (Receipts) ($)	(282,471)	(282,471)	-	0.00%
2. Other Capacity Payments / (Receipts)	82,865,129	83,992,285	(1,127,156)	-1.34%
3. Transmission Revenue ($)	(9,087)	(10,594)	1,507	-14.22%
4. Scherer/Flint Credit	-	-	- N/A	
5. Total Capacity Payments/(Receipts) (Line 1 + 2 + 3 + 4) ($)	82,573,570	83,699,220	(1,125,649)	-1.34%
6. Jurisdictional %	0.9759220	0.9759220	-	0.00%
a) Base Jurisdictional Factor	1.0000000	1.0000000	-	0.00%
b) Intermediate Jurisdictional Factor	0.9759220	0.9759220	-	0.00%
c) Peaking Jurisdictional Factor	0.7608600	0.9759220	(0)	0.00%
d) Transmission Jurisdictional Factor	0.9723430	0.9723430	-	0.00%
7. Jurisdictional ($)				
a) Total Jurisdictionalized Capacity Costs	13,455,662	13,455,662	-	0.00%
b) Total Base Jurisdictionalized Capacity Costs	(7,884)	(9,391)	1,507	-16.05%
c) Total Intermediate Jurisdictionalized Capacity Costs	67,167,619	68,267,635	(1,100,017)	-1.61%
d) Total Peaking Jurisdictionalized Capacity Costs	(23,562)	(23,562)	-	0.00%
e) Total Transmission Jurisdictionalized Capacity Costs	-	-	-	N/A
f) Total Jurisdictional Recovery Amount (Line 5 * 6) ($)	80,591,835	81,690,344	(1,098,509)	-1.34%
8. Jurisdictional Capacity Cost Recovery Revenues Net of Taxes ($)	80,591,303	85,627,346	(5,036,043)	-5.88%
9. True-Up Provision ($)	(2,247,743)	(2,247,743)	-	0.00%
10. Jurisdictional Capacity Cost Recovery Revenue (Line 8 + 9) ($)	78,343,559	83,379,603	(5,036,044)	-6.04%
11. Over/(Under) Recovery (Line 10 - 7) ($)	(2,248,274)	1,689,259	(3,937,533)	-233.09%
12. Interest Provision ($)	(725)	(263)	(463)	176.24%
13. Beginning Balance True-Up & Interest Provision ($)	(1,409,616)	(1,409,616)	-	0.00%
14. True-Up Collected/(Refunded) ($)	2,247,743	2,247,743	-	0.00%
15. Adjustment	(1,303)	(1,303)	-	0.00%
End of Period Total Net True-Up (Lines 11 + 12 + 13 + 14) ($)	(1,412,176)	2,525,820	(3,937,996)	-155.91%

SCHEDULE CCA-3

GULF POWER COMPANY
PURCHASED POWER CAPACITY COST RECOVERY CLAUSE
CALCULATION OF TRUE-UP AND INTEREST PROVISION
FOR THE PERIOD JANUARY 2021 - DECEMBER 2021

		January	February	March	April	May	June	July	August	September	October	November	December	Total
1. IIC Payments / (Receipts) ($)		22,530	(274,033)	(3,097)	(3,097)	(3,097)	(3,097)	(3,097)	(3,097)	(3,097)	(3,097)	(3,097)	(3,097)	(282,471)
2. Other Capacity Payments / (Receipts)		7,020,173	7,020,173	7,016,331	7,020,173	6,093,244	7,020,173	6,992,686	6,992,686	6,991,128	6,993,111	6,992,760	6,712,491	82,865,129
3. Transmission Revenue ($)		(598)	(605)	(1,563)	(620)	(574)	(633)	(593)	(945)	(1,107)	(312)	(711)	(825)	(9,087)
4. Scherer/Flint Credit		-	-	-	-	-	-	-	-	-	-	-	-	-
5. Total Capacity Payments/(Receipts) (Line 1 + 2 + 3) ($)		7,042,106	6,745,535	7,011,671	7,016,457	6,089,573	7,016,444	6,988,996	6,988,642	6,986,924	6,989,701	6,988,952	6,708,568	82,573,570
6. Jurisdictional %		0.9759220	0.9759220	0.975922	0.975922	0.975922	0.975922	0.975922	0.975922	0.975922	0.975922	0.975922	0.975922	
a) Base Jurisdictional Factor				1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	
b) Intermediate Jurisdictional Factor				0.975922	0.975922	0.975922	0.975922	0.975922	0.975922	0.975922	0.975922	0.975922	0.975922	
c) Peaking Jurisdictional Factor				0.760860	0.760860	0.760860	0.760860	0.760860	0.760860	0.760860	0.760860	0.760860	0.760860	
d) Transmission Jurisdictional Factor				0.972343	0.972343	0.972343	0.972343	0.972343	0.972343	0.972343	0.972343	0.972343	0.972343	
e) Total Base Jurisdictionalized Capacity Costs				(1,563)	(620)	(574)	(633.36)	(593.12)	(945.39)	(1,107.10)	(312.08)	(710.65)	(824.70)	
f) Total Intermediate Jurisdictionalized Capacity Costs				6,847,392	6,851,142	5,946,531	6,851,142	6,824,316	6,824,316	6,822,795	6,824,731	6,824,388	6,550,867	
g) Total Peaking Jurisdictionalized Capacity Costs				(2,356)	(2,356)	(2,356)	(2,356)	(2,356)	(2,356)	(2,356)	(2,356)	(2,356)	(2,356)	
h) Total Transmission Jurisdictionalized Capacity Costs														
7. Total Jurisdictional Recovery Amount (Jan-Feb: Line 4 * 5; Mar-Dec: 5e + 5f +5g) ($)		6,872,546	6,583,116	6,843,472.56	6,848,165.13	5,943,600.68	6,848,152.00	6,821,366.40	6,821,014.13	6,819,331.94	6,822,062.21	6,821,321.09	6,547,686.36	80,591,834
8. Jurisdictional Capacity Cost Recovery Revenues Net of Taxes ($)		6,610,184	6,090,089	5,579,030	5,535,029	7,145,185	7,978,647	8,951,586	8,992,720	7,565,215	6,850,803	5,409,790	3,883,024	80,591,303
9. True-Up Provision ($)		(187,311)	(187,312)	(187,312)	(187,312)	(187,312)	(187,312)	(187,312)	(187,312)	(187,312)	(187,312)	(187,312)	(187,312)	(2,247,743)
10. Jurisdictional Capacity Cost Recovery Revenue (Line 7 + 8) ($)		6,422,873	5,902,777	5,391,718	5,347,717	6,957,873	7,791,335	8,764,274	8,805,408	7,377,903	6,663,491	5,222,478	3,695,712	78,343,560
11. Over/(Under) Recovery (Line 9 - 6) ($)		(449,673)	(680,339)	(1,451,755)	(1,500,448)	1,014,272	943,183	1,942,908	1,984,394	558,571	(158,571)	(1,598,842)	(2,851,974)	(2,248,274)
12. Interest Provision ($)		(109)	(136)	(233.23)	(306.58)	(191)	(149)	(78)	40	123	166	155	(6)	(725)
13. Beginning Balance True-Up & Interest Provision ($)		(1,409,616)	(1,672,087)	(2,165,250)	(3,431,229)	(4,744,672)	(3,543,278)	(2,412,932)	(282,790)	1,888,956	2,634,962	2,663,868	1,252,493	(1,409,616)
14. True-Up Collected/(Refunded) ($)		187,311	187,312	187,312	187,312	187,312	187,312	187,312	187,312	187,312	187,312	187,312	187,312	2,247,743
15. Adjustment		-	-	(1,303)	-	-	-	-	-	-	-	-	-	(1,303)
16. End of Period Total Net True-Up (Lines 10 + 11 + 12 + 13 + 14) ($)		(1,672,087)	(2,165,250)	(3,431,229)	(4,744,672)	(3,543,278)	(2,412,932)	(282,790)	1,888,956	2,634,962	2,663,868	1,252,493	(1,412,176)	(1,412,176)
Average Monthly Interest Rate		0.0071%	0.0071%	0.0083%	0.0075%	0.0046%	0.0050%	0.0058%	0.0050%	0.0054%	0.0063%	0.0079%	0.0079%	
Wall Street Annual Rate	0.09%	0.08%	0.09%	0.11%	0.07%	0.04%	0.08%	0.06%	0.06%	0.07%	0.08%	0.11%	0.08%	
Average Annual Rate		0.09%	0.09%	0.10%	0.09%	0.055%	0.06%	0.07%	0.06%	0.065%	0.075%	0.095%	0.10%	

SCHEDULE CCA-4

GULF POWER COMPANY
PURCHASED POWER CAPACITY COST RECOVERY CLAUSE
CALCULATION OF INTEREST PROVISION
FOR THE PERIOD JANUARY 2021 - DECEMBER 2021

	Actual JANUARY	Actual FEBRUARY	Actual MARCH	Actual APRIL	Actual MAY	Actual JUNE	Actual JULY	Actual AUGUST	Actual SEPTEMBER	Actual OCTOBER	Actual NOVEMBER	Actual DECEMBER	TOTAL
1. Beginning True-Up Amount ($)	(1,409,616)	(1,672,087)	(2,166,553)	(3,431,229)	(4,744,672)	(3,543,278)	(2,412,932)	(282,790)	1,888,956	2,634,962	2,663,868	1,252,493	
2. Ending True-Up Amount Before Interest ($)	(1,671,978)	(2,165,114)	(3,432,299)	(4,744,365)	(3,543,087)	(2,412,783)	(282,712)	1,888,916	2,634,839	2,663,702	1,252,338	(1,412,169)	
3. Total Beginning & Ending True-Up Amount ($) (Lines 1 + 2)	(3,081,594)	(3,837,201)	(5,598,852)	(8,175,594)	(8,287,759)	(5,956,061)	(2,695,644)	1,606,125	4,523,795	5,298,664	3,916,206	(159,677)	
4. Average True-Up Amount ($)	(1,540,797)	(1,918,601)	(2,799,426)	(4,087,797)	(4,143,879)	(2,978,030)	(1,347,822)	803,063	2,261,897	2,649,332	1,958,103	(79,838)	
5. Interest Rate - First Day of Reporting Business Month	0.09%	0.08%	0.09%	0.11%	0.07%	0.04%	0.08%	0.06%	0.06%	0.07%	0.08%	0.11%	
6. Interest Rate - First Day of Subsequent Business Month	0.08%	0.09%	0.11%	0.07%	0.04%	0.08%	0.06%	0.06%	0.07%	0.08%	0.11%	0.08%	
7. Total Interest Rate (Lines 5 + 6)	0.17%	0.17%	0.20%	0.18%	0.11%	0.12%	0.14%	0.12%	0.13%	0.15%	0.19%	0.19%	
8. Average Interest Rate	0.085%	0.085%	0.100%	0.090%	0.055%	0.060%	0.070%	0.060%	0.065%	0.075%	0.095%	0.095%	
9. Monthly Average Interest Rate (1/12 Of Line 8)	0.0071%	0.0071%	0.0083%	0.0075%	0.0046%	0.0050%	0.0058%	0.0050%	0.0054%	0.0063%	0.0079%	0.0079%	
10. Interest Provision For the Month (Lines 4 X 9) ($)	(109)	(136)	(233)	(307)	(191)	(149)	(78)	40	123	166	155	(6)	(725)

Gulf Power Company
2021 Capacity Contracts

	Contract/Counterparty	Term Start	Term End [1]	Contract Type
2.	Southern Intercompany Interchange	5/1/2007	5 Yr Notice	SES Opco
	PPAs			
3.	Shell Energy N.A. (U.S.), LP	11/2/2009	5/31/2023	Firm
	Other			
4.	South Carolina PSA	9/1/2003	-	Other
5.	REMC Corporation	1/1/2021	2/26/2021	Other

	Capacity Costs ($)	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	Total
7.	Southern Intercompany Interchange	[redacted]								[redacted]				(575,735)
	PPAs													
8.	Shell Energy N.A. (U.S.), LP	[redacted]												83,150,225
	Other													
9.	South Carolina PSA	[redacted]												(37,162)
10.	REMC Corporation													45,330
	Total	7,042,704	6,746,140	7,013,235	7,017,077	6,090,147	7,017,077	6,989,589	6,989,589	6,988,031	6,990,014	6,989,663	6,709,394	82,582,658

	Capacity MW	Actual January [2]	Actual February [2]	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October [2]	Actual November	Actual December [2]
12.	Southern Intercompany Interchange	1.0	(220.0)	(3)						(14)	5.0	0	(127.0)
	PPAs												
13.	Shell Energy N.A. (U.S.), LP	885.0	885.0	885.0	885.0	885.0	885.0	885.0	885.0	885.0	885.0	885.0	885.0
	Other												
14.	South Carolina PSA	(3.0)	(3.0)	(3.0)	(3.0)	(3.0)	(3.0)	(3.0)	(3.0)	(3.0)	(3.0)	(3.0)	(3.0)
15.	REMC Corporation	31.0	31.0										

(1) Unless otherwise noted, contract remains effective unless terminated upon 30 days prior written notice.
(2) Southern Intercompany Interchange reserve sharing prior month true up only.

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
CALCULATION OF ACTUAL/ESTIMATED TRUE-UP AMOUNT

SCHEDULE: E1-B

FOR THE ACTUAL/ESTIMATED PERIOD OF: JANUARY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Line No.		a-Jan - 2022	a-Feb - 2022	a-Mar - 2022	a-Apr - 2022	a-May - 2022	a-Jun - 2022	Jul - 2022	Aug - 2022	Sep - 2022	Oct - 2022	Nov - 2022	Dec - 2022	2022
1	**Fuel Costs & Net Power Transactions**													
2	Fuel Cost of System Net Generation (E3) [1]	325,398,468	358,063,187	352,804,653	409,572,796	608,597,458	695,078,798	592,099,915	589,657,979	562,300,505	501,638,660	424,925,363	439,077,260	5,859,215,042
3	Lease Costs [2]	164,079	166,054	162,394	164,792	1,234,450	155,342	129,001	129,617	129,617	129,001	129,617	129,001	2,822,965
4	Fuel Cost of Stratified Sales	(7,894,625)	(7,444,876)	(7,720,906)	(10,186,256)	(15,279,638)	(16,809,524)	(12,507,432)	(13,315,959)	(13,124,072)	(11,734,968)	(10,908,027)	(10,180,880)	(137,107,162)
5	Fuel Cost of Power Sold (E6)	(23,377,963)	(20,758,991)	(17,229,531)	(16,298,269)	(14,974,996)	(47,228,143)	(7,291,147)	(7,471,288)	(4,957,257)	(6,155,848)	(10,070,091)	(9,482,587)	(185,296,112)
6	Gains from Off-System Sales (E6)	(7,477,925)	(4,137,028)	(2,761,969)	(3,865,678)	(3,478,570)	(1,762,585)	(4,120,985)	(3,959,010)	(1,508,700)	(1,189,467)	(1,726,103)	(1,640,732)	(37,628,753)
7	Fuel Cost of Purchased Power, Exclusive of Economy (E7)	21,222,861	15,486,959	25,787,836	18,074,915	32,694,317	42,495,572	23,713,391	23,294,974	23,257,938	16,780,884	11,583,808	12,852,781	267,246,037
8	Energy Payments to Qualifying Facilities (E8)	1,538,128	1,603,711	2,961,536	2,070,822	2,119,817	3,426,103	3,355,056	3,141,381	2,914,044	3,116,035	2,511,864	2,388,464	31,146,961
9	Energy Cost of Economy Purchases (E9)	1,478,115	97,212	7,050,663	3,013,609	1,906,825	5,314,317	2,553,160	952,940	2,772,000	2,170,000	0	0	27,308,841
10		311,051,138	343,076,227	361,054,676	402,546,731	612,819,662	680,669,882	597,930,960	592,430,634	571,784,074	504,754,097	416,446,431	433,143,307	5,827,707,819
11														
12	**Optimization Activities** [3]													
13	Incremental Personnel, Software, and Hardware Costs	41,384	39,251	43,506	41,333	43,930	47,923	37,431	39,038	34,215	39,038	37,431	35,823	480,304
14	Variable O&M Costs Attributable to Off-Systems Sales (E6)	191,405	157,002	110,778	91,793	87,224	75,349	81,840	81,840	61,632	57,586	104,688	98,654	1,199,791
15	Variable O&M Costs Avoided due to Economy Purchases (E9)	(2,609)	2,580	(35,530)	(7,307)	(2,531)	(4,323)	(21,130)	(7,886)	(24,192)	(20,832)	(0)	(0)	(123,759)
16	Optimization Credits	(3,944,197)	(11,087,286)	(8,740,724)	(2,445,124)	(1,773,726)	(2,339,714)	(1,250,000)	(1,250,000)	(1,250,000)	(1,250,000)	(1,250,000)	(1,250,000)	(37,830,771)
17		(3,714,017)	(10,888,453)	(8,621,970)	(2,319,304)	(1,645,103)	(2,220,764)	(1,151,859)	(1,137,008)	(1,178,345)	(1,174,208)	(1,107,881)	(1,115,523)	(36,274,436)
18														
19	**Adjustments to Fuel Cost**													
20	Energy Imbalance Fuel Revenues	(227,661)	200,200	(579,701)	(208,182)	(133,470)	(433,881)	0	0	0	0	0	0	(1,382,695)
21	Fuel Replacement Cost Credit	0	0	0	0	0	(1,471,683)	0	0	0	0	0	0	(1,471,683)
22	Inventory Adjustments	(58,319)	99,894	127,993	52,853	(82,348)	(129,181)	0	0	0	0	0	0	10,892
23	Other O&M Expense	0	0	0	27,704	39,217	239,587	45,361	45,361	45,361	45,361	45,361	45,361	578,674
24		(285,980)	300,094	(451,708)	(127,625)	(176,602)	(1,795,158)	45,361	45,361	45,361	45,361	45,361	45,361	(2,264,813)
25														
26	**Adjusted Total Fuel Costs & Net Power Transactions**	307,051,142	332,487,868	351,980,999	400,099,802	610,997,958	676,653,959	596,824,461	591,338,987	570,651,090	503,625,250	415,383,910	432,073,145	5,789,168,571
27														
28	**kWh Sales**													
29	Retail kWh Sales	9,043,095,245	8,775,165,920	9,133,542,059	9,773,113,541	10,173,414,502	11,585,135,488	12,128,802,222	12,191,012,240	12,219,299,106	11,212,502,201	9,480,205,537	9,014,469,996	124,729,758,057
30	Sale for Resale	432,888,349	438,613,956	399,606,881	478,324,377	490,684,821	542,723,795	524,027,749	543,711,221	544,681,727	509,071,688	476,306,412	391,094,909	5,771,735,886
31		9,475,983,594	9,213,779,876	9,533,148,940	10,251,437,918	10,664,099,323	12,127,859,283	12,652,829,971	12,734,723,461	12,763,980,833	11,721,573,889	9,956,511,949	9,405,564,905	130,501,493,943
32														
33	**Retail % of Total kWh Sales**	95.43173%	95.23959%	95.80824%	95.33408%	95.39872%	95.52498%	95.85841%	95.73048%	95.73267%	95.65697%	95.21613%	95.84188%	
34														
35	**Revenues Applicable to Period**													
36	Jurisdictional Fuel Revenues	322,581,789	329,035,290	341,877,789	368,759,398	384,315,518	443,397,579	460,288,044	462,648,915	463,722,401	425,514,459	359,773,800	342,099,136	4,704,014,117
37	Prior Period True-Up (Collected)/Refunded This Period [4]	(56,958,324)	(56,958,324)	(56,958,324)	(56,958,324)	(56,958,324)	(56,958,324)	(56,958,324)	(56,958,324)	(56,958,324)	(56,958,324)	(56,958,324)	(56,958,324)	(683,499,887)
38	GPIF [5]	(395,683)	(395,683)	(395,683)	(395,683)	(395,683)	(395,683)	(395,683)	(395,683)	(395,683)	(395,683)	(395,683)	(395,683)	(4,748,196)
39	Asset Optimization - Company Portion [6]	(291,934)	(291,934)	(291,934)	(291,934)	(291,934)	(291,934)	(291,934)	(291,934)	(291,934)	(291,934)	(291,934)	(291,934)	(3,503,210)
40	SolarTogether (ST) Credit	(7,019,108)	(7,224,912)	(7,470,919)	(10,168,215)	(10,756,423)	(11,269,911)	(10,473,279)	(10,959,030)	(10,619,805)	(9,544,177)	(9,431,488)	(7,945,243)	(112,882,511)
41		257,916,739	264,164,437	276,760,929	300,945,241	315,913,154	374,481,726	392,168,824	394,043,943	395,456,655	358,324,340	292,696,371	276,507,952	3,899,380,313
42	**True-Up Calculation**													
43	Adjusted Total Fuel Costs & Net Power Transactions	307,051,142	332,487,868	351,980,999	400,099,802	610,997,958	676,653,959	596,824,461	591,338,987	570,651,090	503,625,250	415,383,910	432,073,145	5,789,168,571
44	Jurisdictional Sales % of Total kWh Sales	95.43173%	95.23959%	95.80824%	95.33408%	95.39872%	95.52498%	95.85841%	95.73048%	95.73267%	95.65697%	95.21613%	95.84188%	
45	Retail Total Fuel Costs & Net Power Transactions	293,513,567	317,188,905	337,789,969	382,068,456	583,857,647	647,453,003	573,063,189	567,038,342	547,213,117	482,558,303	396,173,911	414,799,548	5,542,717,956
46	True-Up Provision for the Month-Over/(Under) Recovery	(35,596,828)	(53,024,468)	(61,029,040)	(81,123,214)	(267,944,493)	(272,971,277)	(180,894,365)	(172,994,398)	(151,756,462)	(124,233,962)	(103,477,540)	(138,291,596)	(1,643,337,643)
47	Interest Provision for the Month	(60,735)	(102,913)	(197,753)	(346,074)	(612,868)	(1,195,796)	(1,712,617)	(1,891,113)	(2,048,502)	(2,170,363)	(2,256,998)	(2,354,069)	(14,949,800)
48	True-Up & Interest Prov. Beg of Period-Over/(Under) Recovery	(683,499,887)	(662,199,126)	(658,368,182)	(662,636,652)	(687,147,616)	(898,746,653)	(1,115,955,402)	(1,241,604,060)	(1,359,531,248)	(1,456,377,887)	(1,525,823,889)	(1,574,600,102)	(683,499,887)
49	Deferred True-up Beginning of Period - Over/(Under) Recovery	10,256,384	10,256,384	10,256,384	10,256,384	10,256,384	10,256,384	10,256,384	10,256,384	10,256,384	10,256,384	10,256,384	10,256,384	10,256,384
50	Prior Period True Up Collected/(Refunded) This Period	56,958,324	56,958,324	56,958,324	56,958,324	56,958,324	56,958,324	56,958,324	56,958,324	56,958,324	56,958,324	56,958,324	56,958,324	683,499,887
51	**End of Period Net True-up Amount Over/(Under) Recovery**	(651,942,742)	(648,111,798)	(652,380,268)	(676,891,232)	(888,490,269)	(1,105,699,018)	(1,231,347,676)	(1,349,274,863)	(1,446,121,503)	(1,515,567,504)	(1,564,343,718)	(1,648,031,059)	(1,648,031,059)
52														
53														

(1) Actuals include various adjustments as noted on the A-schedules

(2) Includes $1.1MM for 50% of a partial Cedar Bay railcar lease early termination fee

(3) Amounts reflected in this section are in accordance with FPL's Stipulation and Settlement approved by the Commission in Order No. PSC-16-0560-AS-EI, Docket No. 160021-EI

(4) Prior Period 2021 Actual/Estimated True-up

(5) Generating Performance Incentive Factor is ($4,748,196/12) - See Order No. PSC-2021-0442-FOF-EI

(6) Jurisdictionalized Asset Optimization - Company Portion is ($3,503,210/12) - See Order No. PSC-2021-0442-FOF-EI

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
CALCULATION OF VARIANCE - ACTUAL/ESTIMATED

SCHEDULE: E1-B

FOR THE ACTUAL/ESTIMATED PERIOD OF: JANUARY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)
Line No.		Current	Prior	Difference	% Difference
1	**Fuel Costs & Net Power Transactions**				
2	Fuel Cost of System Net Generation (E3) [1]	5,859,215,042	3,963,385,703	1,895,829,339	47.8%
3	Lease Costs [2]	2,822,965	2,059,102	763,863	37.1%
4	Fuel Cost of Stratified Sales	(137,107,162)	(64,266,919)	(72,840,243)	113.3%
5	Fuel Cost of Power Sold (E6)	(185,296,112)	(135,224,529)	(50,071,583)	37.0%
6	Gains from Off-System Sales (E6)	(37,628,753)	(22,704,934)	(14,923,819)	65.7%
7	Fuel Cost of Purchased Power, Exclusive of Economy (E7)	267,246,037	217,757,651	49,488,386	22.7%
8	Energy Payments to Qualifying Facilities (E8)	31,146,961	24,793,908	6,353,054	25.6%
9	Energy Cost of Economy Purchases (E9)	27,308,841	14,336,279	12,972,563	90.5%
10		5,827,707,819	4,000,136,259	1,827,571,560	45.7%
11					
12	**Optimization Activities** [3]				
13	Incremental Personnel, Software, and Hardware Costs	480,304	444,343	35,960	8.1%
14	Variable O&M Costs Attributable to Off-System Sales (E6)	1,199,791	1,168,545	31,246	2.7%
15	Variable O&M Costs Avoided due to Economy Purchases (E9)	(123,759)	(224,432)	100,673	(44.9%)
16	Optimization Credits	(37,830,771)	(15,000,000)	(22,830,771)	152.2%
17		(36,274,436)	(13,611,544)	(22,662,891)	166.5%
18					
19	**Adjustments to Fuel Cost**				
20	Energy Imbalance Fuel Revenues	(1,382,695)	0	(1,382,695)	N/A
21	Fuel Replacement Cost Credit	(1,471,683)	0	(1,471,683)	N/A
22	Inventory Adjustments	10,892	0	10,892	N/A
23	Other O&M Expense	578,674	547,119	31,555	5.8%
24		(2,264,813)	547,119	(2,811,932)	(514.0%)
25					
26	**Adjusted Total Fuel Costs & Net Power Transactions**	5,789,168,571	3,987,071,834	1,802,096,737	45.2%
27					
28	**kWh Sales**				
29	Retail kWh Sales	124,729,758,057	122,096,501,415	2,633,256,642	2.2%
30	Sale for Resale	5,771,735,886	5,293,332,883	478,403,002	9.0%
31		130,501,493,943	127,389,834,299	3,111,659,644	2.4%
32					
33	**Retail % of Total kWh Sales**	95.8419%	95.7789%		
34					
35	**Revenues Applicable to Period**				
36	Jurisdictional Fuel Revenues (Net of Revenue Taxes)	4,704,014,117	4,633,562,229	70,451,889	1.5%
37	Prior Period True-Up (Collected)/Refunded This Period [4]	(683,499,887)	(683,499,863)	(24)	0.0%
38	Midcourse Correction - Prior Year Final True-Up (Collected)/Refunded this Period [4]	0	0	0	N/A
39	GPIF, Net of Revenue Taxes [5]	(4,748,196)	(4,748,196)	0	N/A
40	Asset Optimization, Net of Revenue Taxes [6]	(3,503,210)	(3,503,210)	(0)	0.0%
41	SolarTogether Credit, Net of Revenue Taxes	(112,882,511)	(113,512,426)	629,915	(0.6%)
42		3,899,380,313	3,828,298,533	71,081,780	1.9%
43					
44	**True-Up Calculation**				
45	Adjusted Total Fuel Costs & Net Power Transactions	5,789,168,571	3,987,071,834	1,802,096,737	45.2%
46	Jurisdictional Sales % of Total kWh Sales	95.8419%	95.7789%		
47	Retail Total Fuel Costs & Net Power Transactions	5,542,717,956	3,828,196,505	1,714,521,451	44.8%
48	True-Up Provision for the Month-Over/(Under) Recovery	(1,643,337,643)	0	(1,643,337,643)	N/A
49	Interest Provision for the Month	(14,949,800)	0	(14,949,800)	N/A
50	True-Up & Interest Prov. Beg of Period-Over/(Under) Recovery	(683,499,887)	(683,499,887)	0	N/A
51	Deferred True-up Beginning of Period - Over/(Under) Recovery	10,256,384	0	10,256,384	N/A
52	Midcourse Correction - Prior Year Final True-Up Collected/(Refunded) this Period	0	0	0	N/A
53	Prior Period True Up Collected/(Refunded) This Period	683,499,887	683,499,887	0	N/A
54	End of Period Net True-up Amount Over/(Under) Recovery	(1,648,031,059)	0	(1,648,031,059)	N/A
55					
56					

57 [1] Actuals include various adjustments as noted on the A-schedules

58 [2] Includes $1.1MM for 50% of a partial Cedar Bay railcar lease early termination fee

59 [3] Amounts reflected in this section are in accordance with FPL's Stipulation and Settlement approved by the Commission in Order No. PSC-16-0560-AS-EI, Docket No. 160021-EI

60 [4] Prior Period 2021 Actual/Estimated True-up

61 [5] Generating Performance Incentive Factor is ($4,748,196/12) - See Order No. PSC-2021-0442-FOF-EI

62 [6] Jurisdictionalized Asset Optimization - Company Portion is ($3,503,210/12) - See Order No. PSC-2021-0442-FOF-EI

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE

SCHEDULE: E3

FOR THE ACTUAL/ESTIMATED PERIOD OF: JANUARY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Line No.		a-Jan - 2022	a-Feb - 2022	a-Mar - 2022	a-Apr - 2022	a-May - 2022	a-Jun - 2022	Jul - 2022	Aug - 2022	Sep - 2022	Oct - 2022	Nov - 2022	Dec - 2022	Total
1	**Fuel Cost of System Net Generation ($)**													
2	Heavy Oil	79	0	0	0	0	0	0	0	0	0	0	0	79
3	Light Oil	711,418	656,680	1,157,883	6,554,250	5,004,827	1,525,053	445,698	723,750	806,543	2,006,190	588,752	81,687	20,262,731
4	Coal	7,202,821	3,214,273	5,748,848	11,718,787	7,931,491	10,862,129	5,099,685	5,415,056	5,542,732	5,187,916	5,612,419	6,519,613	80,055,769
5	Gas	304,733,593	341,371,500	334,370,088	379,545,499	582,389,032	669,548,867	573,736,632	570,701,272	546,839,237	481,952,278	406,419,556	419,761,172	5,611,368,724
6	Nuclear	12,684,629	12,876,143	11,562,895	11,909,923	13,381,261	12,895,543	12,817,901	12,817,901	9,111,993	12,492,277	12,304,635	12,714,789	147,569,890
7	**Subtotal Fuel Cost of System Net Generation ($)**	325,332,540	358,118,596	352,839,713	409,728,459	608,706,611	694,831,593	592,099,915	589,657,979	562,300,505	501,638,660	424,925,363	439,077,260	5,859,257,194
8														
9	**System Net Generation (MWh)**													
10	Heavy Oil	23	0	(2,868)	(2,746)	(2,530)	(2,185)	0	0	0	0	0	0	(10,306)
11	Light Oil	65,535	4,401	11,329	34,330	25,707	10,479	5,285	8,316	9,476	16,657	4,881	352	196,748
12	Coal	171,979	128,083	182,267	220,393	219,709	268,702	149,260	153,839	153,339	148,258	152,595	173,275	2,121,698
13	Gas	7,266,559	6,205,419	7,468,035	7,794,179	9,027,938	9,564,919	9,949,236	9,984,110	9,672,919	8,333,796	6,739,237	6,836,845	98,843,192
14	Nuclear	2,377,129	2,429,402	2,240,003	2,323,282	2,668,456	2,548,432	2,540,315	2,540,315	1,815,644	2,494,406	2,518,803	2,602,762	29,098,949
15	Solar	511,230	546,740	701,291	719,015	765,298	692,450	721,197	700,913	633,479	632,387	542,712	492,162	7,658,874
16	**Subtotal System Net Generation (MWh)**	10,392,455	9,314,044	10,600,057	11,088,454	12,704,577	13,082,797	13,365,293	13,387,493	12,284,857	11,625,504	9,958,228	10,105,396	137,909,155
17														
18	**Units of Fuel Burned (Unit)** [1]													
19	Heavy Oil	1												1
20	Light Oil	55,991	6,815	12,083	64,829	45,246	15,499	5,769	9,233	10,394	18,249	5,350	865	250,323
21	Coal	139,901	84,070	116,110	173,786	143,315	132,639	92,034	96,313	97,368	91,161	96,617	110,706	1,374,018
22	Gas	50,420,235	42,513,237	50,940,885	52,973,468	62,637,922	65,625,309	65,792,080	66,183,522	64,126,825	55,461,106	44,828,169	45,365,238	666,867,994
23	Nuclear	25,065,874	25,904,601	24,199,354	25,084,204	28,673,778	27,676,466	27,046,650	27,046,650	19,387,064	26,561,855	26,177,857	27,050,453	309,874,804
24														
25														
26	**BTU Burned (MMBTU)**													
27	Heavy Oil	6	0	0	0	0	0	0	0	0	0	0	0	6
28	Light Oil	322,519	41,538	64,628	102,984	4,698,776	144,902	33,635	53,826	60,599	106,393	31,189	5,042	5,666,031
29	Coal	2,499,032	1,006,297	2,117,411	3,085,289	2,534,882	3,133,092	1,564,572	1,637,319	1,655,251	1,549,729	1,642,496	1,882,010	24,307,379
30	Gas	51,600,189	43,470,760	52,044,408	54,111,909	63,892,873	67,054,026	67,417,144	67,818,255	65,710,758	56,830,995	45,935,425	46,485,759	682,372,501
31	Nuclear	25,065,874	25,904,601	24,199,354	25,084,204	28,673,778	27,676,466	27,046,650	27,046,650	19,387,064	26,561,855	26,177,857	27,050,453	309,874,804
32	**Subtotal BTU Burned (MMBTU)**	79,487,619	70,423,196	78,425,802	82,384,385	99,800,309	98,008,486	96,062,001	96,556,050	86,813,672	85,048,972	73,786,967	75,423,264	1,022,220,721
33														
34	**Fuel Cost per Unit ($/Unit)**													
35	Heavy Oil	87.8222												87.8222
36	Light Oil	12.7059	96.3580	95.8274	101.1012	110.6137	98.3969	77.2534	78.3907	77.5944	109.9329	110.0525	94.4528	80.9464
37	Coal	51.4851	38.2334	49.5123	67.4323	55.3433	81.8926	55.4111	56.2236	56.9258	56.9097	58.0891	58.8910	58.2640
38	Gas	6.0439	8.0298	6.5639	7.1648	9.2977	10.2026	8.7205	8.6230	8.5275	8.6899	9.0662	9.2529	8.4145
39	Nuclear	0.5061	0.4971	0.4778	0.4748	0.4667	0.4659	0.4739	0.4739	0.4700	0.4703	0.4700	0.4700	0.4762
40														
41	**Generation Mix (%)**													
42	Heavy Oil	0.00%	0%	(0.03%)	(0.02%)	(0.02%)	(0.02%)	0%	0%	0%	0%	0%	0%	(0.01%)
43	Light Oil	0.63%	0.05%	0.11%	0.31%	0.20%	0.08%	0.04%	0.06%	0.08%	0.14%	0.05%	0.00%	0.14%
44	Coal	1.65%	1.38%	1.72%	1.99%	1.73%	2.05%	1.12%	1.15%	1.25%	1.28%	1.53%	1.71%	1.54%
45	Gas	69.92%	66.62%	70.45%	70.29%	71.06%	73.11%	74.44%	74.58%	78.74%	71.69%	67.68%	67.66%	71.67%
46	Nuclear	22.87%	26.08%	21.13%	20.95%	21.00%	19.48%	19.01%	18.98%	14.78%	21.46%	25.29%	25.76%	21.10%
47	Solar	4.92%	5.87%	6.62%	6.48%	6.02%	5.29%	5.40%	5.24%	5.16%	5.44%	5.45%	4.87%	5.55%
48														

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE

SCHEDULE: E3

FOR THE ACTUAL/ESTIMATED PERIOD OF: JANUARY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Line No.		a-Jan - 2022	a-Feb - 2022	a-Mar - 2022	a-Apr - 2022	a-May - 2022	a-Jun - 2022	Jul - 2022	Aug - 2022	Sep - 2022	Oct - 2022	Nov - 2022	Dec - 2022	Total
1	**Fuel Cost per MMBTU ($/MMBTU)**													
2	Heavy Oil	13.8762												13.8762
3	Light Oil	2.2058	15.8091	17.9160	63.6436	1.0651	10.5247	13.2510	13.4461	13.3095	18.8564	18.8769	16.2012	3.5762
4	Coal	2.8822	3.1942	2.7150	3.7983	3.1289	3.4669	3.2595	3.3073	3.3486	3.3476	3.4170	3.4642	3.2935
5	Gas	5.9057	7.8529	6.4247	7.0141	9.1151	9.9852	8.5102	8.4152	8.3219	8.4804	8.8476	9.0299	8.2233
6	Nuclear	0.5061	0.4971	0.4778	0.4748	0.4667	0.4659	0.4739	0.4739	0.4700	0.4703	0.4700	0.4700	0.4762
7														
8	**BTU Burned per KWH (BTU/KWH)**													
9	Heavy Oil	248	0	0	0	0	0	0	0	0	0	0	0	(1)
10	Light Oil	4,921	9,439	5,705	3,000	182,785	13,828	6,364	6,473	6,395	6,387	6,390	14,324	28,798
11	Coal	14,531	7,857	11,617	13,999	11,537	11,660	10,482	10,643	10,795	10,453	10,764	10,861	11,457
12	Gas	7,101	7,005	6,969	6,943	7,077	7,010	6,776	6,793	6,793	6,819	6,816	6,799	6,904
13	Nuclear	10,545	10,663	10,803	10,797	10,745	10,860	10,647	10,647	10,678	10,649	10,393	10,393	10,649
14														
15	**Generated Fuel Cost per KWH (cents/KWH)**													
16	Heavy Oil	0.3437												(0.0008)
17	Light Oil	1.0855	14.9227	10.2206	19.0921	19.4691	14.5533	8.4328	8.7032	8.5111	12.0440	12.0628	23.2064	10.2988
18	Coal	4.1882	2.5095	3.1541	5.3172	3.6100	4.0424	3.4166	3.5200	3.6147	3.4992	3.6780	3.7626	3.7732
19	Gas	4.1936	5.5012	4.4774	4.8696	6.4510	7.0000	5.7666	5.7161	5.6533	5.7831	6.0306	6.1397	5.6770
20	Nuclear	0.5336	0.5300	0.5162	0.5126	0.5015	0.5060	0.5046	0.5046	0.5019	0.5008	0.4885	0.4885	0.5071
21	**Subtotal Generated Fuel Cost per KWH (cents/KWH)**	3.1305	3.8449	3.3287	3.6951	4.7912	5.3110	4.4301	4.4045	4.5772	4.3150	4.2671	4.3450	4.2486
22														
23														
24	(1) Fuel Units: Light Oil - BBLS, Coal - TONS, Gas - MCF, Nuclear - OTHER													
25														
26														
27														
28														
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FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Jul - 2022												
2	Babcock Preserve PV Solar												
3	Solar		14,193					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	14,193	25.6%	N/A	25.6%	N/A						
5	Babcock Ranch PV Solar												
6	Solar		14,298					N/A	N/A	N/A	N/A	N/A	N/A
7	Plant Unit Info	74.5	14,298	25.8%	N/A	25.8%	N/A						
8	Barefoot Bay PV Solar												
9	Solar		15,017					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	15,017	27.1%	N/A	27.1%	N/A						
11	Blue Cypress PV Solar												
12	Solar		14,540					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	14,540	26.2%	N/A	26.2%	N/A						
14	Blue Heron PV Solar												
15	Solar		14,244					N/A	N/A	N/A	N/A	N/A	N/A
16	Plant Unit Info	74.5	14,244	25.7%	N/A	25.7%	N/A						
17	Blue Indigo PV Solar												
18	Solar		18,287					N/A	N/A	N/A	N/A	N/A	N/A
19	Plant Unit Info	74.5	18,287	33.0%	N/A	33.0%	N/A						
20	Blue Springs PV Solar												
21	Solar		15,919					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	15,919	28.7%	N/A	28.7%	N/A						
23	Cape Canaveral 3												
24	Light Oil		0				0	0	0	0	0	0.00	0.00
25	Gas		552,152				6,693	3,606,320	1,024,700	3,695,396	29,921,499	5.42	7.58
26	Plant Unit Info	1,308.0	552,152	56.7%	93.4%	62.2%	6,693			3,695,396	29,921,499	5.42	
27	Cattle Ranch PV Solar												
28	Solar		15,292					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	15,292	27.6%	N/A	27.6%	N/A						
30	Citrus PV Solar												
31	Solar		15,421					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	15,421	27.8%	N/A	27.8%	N/A						
33	Coral Farms PV Solar												
34	Solar		14,735					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	14,735	26.6%	N/A	26.6%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Cotton Creek PV Solar												
2	Solar		14,283					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	14,283	25.8%	N/A	25.8%	N/A						
4	Dania Beach 7												
5	Gas		671,000				6,373	4,173,441	1,024,700	4,276,525	32,996,057	4.92	7.29
6	Plant Unit Info	1,101.0	671,000	81.9%	96.8%	86.2%	6,373			4,276,525	32,996,057	4.92	
7	Daniel 1												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Coal											N/A	0.00
10	Plant Unit Info	251.0	0	N/A	93.6%	N/A	N/A						
11	Daniel 2												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Coal											N/A	0.00
14	Plant Unit Info	251.0	0	N/A	93.6%	N/A	N/A						
15	Desoto PV Solar												
16	Solar		4,415					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	25.0	4,415	23.7%	N/A	23.7%	N/A						
18	Discovery PV Solar												
19	Solar		13,078					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	13,078	23.6%	N/A	23.6%	N/A						
21	Echo River PV Solar												
22	Solar		18,188					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	18,188	32.8%	N/A	32.8%	N/A						
24	Egret PV Solar												
25	Solar		15,783					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	15,783	28.5%	N/A	28.5%	N/A						
27	Elder Branch PV Solar												
28	Solar		15,471					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	15,471	27.9%	N/A	27.9%	N/A						
30	Fort Drum PV Solar												
31	Solar		13,400					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	13,400	24.2%	N/A	24.2%	N/A						
33	Fort Myers 2												
34	Gas		796,521				7,041	5,473,351	1,024,700	5,608,543	44,177,647	5.55	7.60
35	Plant Unit Info	1,700.0	796,521	63.0%	93.8%	67.8%	7,041			5,608,543	44,177,647	5.55	

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Fort Myers 3A												
2	Light Oil		0				0	0	0	0	0	0.00	0.00
3	Gas		1,520				11,407	16,920	1,024,700	17,338	2,708,716	178.21	7.55
4	Plant Unit Info	166.0	1,520	1.2%	93.7%	1.3%	11,407			17,338	2,708,716	178.21	
5	Fort Myers 3B												
6	Light Oil		0				0	0	0	0	0	0.00	0.00
7	Gas		1,505				11,462	16,835	1,024,700	17,251	2,707,522	179.90	7.52
8	Plant Unit Info	166.0	1,505	1.2%	93.7%	1.3%	11,462			17,251	2,707,522	179.90	
9	Fort Myers 3C												
10	Light Oil		0				0	0	0	0	0	0.00	0.00
11	Gas		6,782				10,729	71,010	1,024,700	72,764	3,117,747	45.97	7.56
12	Plant Unit Info	219.0	6,782	4.2%	93.7%	4.5%	10,729			72,764	3,117,747	45.97	
13	Fort Myers 3D												
14	Light Oil		0				0	0	0	0	0	0.00	0.00
15	Gas		8,415				10,798	88,675	1,024,700	90,865	3,249,839	38.62	7.54
16	Plant Unit Info	219.0	8,415	5.2%	93.7%	5.6%	10,798			90,865	3,249,839	38.62	
17	Fort Myers GT												
18	Light Oil		0				0	0	0	0	0	0.00	0.00
19	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
20	GCEC 4												
21	Light Oil		0				0	0	0	0	0	0.00	0.00
22	Gas		0					0	0	0	0	0.00	0.00
23	Plant Unit Info	75.0	0	N/A	93.8%	N/A	N/A						
24	GCEC 5												
25	Light Oil		0				0	0	0	0	0	0.00	0.00
26	Gas		2,145				13,438	28,129	1,024,700	28,824	2,765,002	128.90	6.54
27	Plant Unit Info	75.0	2,145	3.8%	93.8%	4.1%	13,438			28,824	2,765,002	128.90	
28	GCEC 6												
29	Gas		4,408				11,913	51,247	1,024,700	52,513	2,966,322	67.29	7.52
30	Plant Unit Info	315.0	4,408	1.9%	93.6%	2.0%	11,913			52,513	2,966,322	67.29	
31	GCEC 7												
32	Gas		5,460				11,893	63,372	1,024,700	64,937	3,057,688	56.00	7.52
33	Plant Unit Info	496.0	5,460	1.5%	93.6%	1.6%	11,893			64,937	3,057,688	56.00	
34	GCEC 8A												
35	Light Oil		0				0	0	0	0	0	0.00	0.00

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		14,389				11,371	159,676	1,024,700	163,620	3,779,685	26.27	7.51
2	Plant Unit Info	233.0	14,389	8.3%	96.9%	8.3%	11,371			163,620	3,779,685	26.27	
3	GCEC 8B												
4	Light Oil		0				0	0	0	0	0	0.00	0.00
5	Gas		14,225				11,285	156,663	1,024,700	160,533	3,757,997	26.42	7.51
6	Plant Unit Info	233.0	14,225	8.2%	96.9%	8.2%	11,285			160,533	3,757,997	26.42	
7	GCEC 8C												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Gas		7,032				11,734	80,528	1,024,700	82,517	3,188,864	45.35	7.55
10	Plant Unit Info	228.0	7,032	4.2%	96.9%	4.2%	11,734			82,517	3,188,864	45.35	
11	GCEC 8D												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		8,286				11,967	96,769	1,024,700	99,159	3,309,792	39.94	7.53
14	Plant Unit Info	228.0	8,286	4.9%	96.9%	4.9%	11,967			99,159	3,309,792	39.94	
15	Ghost Orchid PV Solar												
16	Solar		12,932					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	12,932	23.3%	N/A	23.3%	N/A						
18	Grove PV Solar												
19	Solar		13,200					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	13,200	23.8%	N/A	23.8%	N/A						
21	Hammock PV Solar												
22	Solar		14,077					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	14,077	25.4%	N/A	25.4%	N/A						
24	Hibiscus PV Solar												
25	Solar		14,966					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	14,966	27.0%	N/A	27.0%	N/A						
27	Horizon PV Solar												
28	Solar		14,723					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	14,723	26.6%	N/A	26.6%	N/A						
30	Immokalee PV Solar												
31	Solar		13,052					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	13,052	23.6%	N/A	23.6%	N/A						
33	Indian River PV Solar												
34	Solar		14,583					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	14,583	26.3%	N/A	26.3%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Interstate PV Solar												
2	Solar		14,184					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	14,184	25.6%	N/A	25.6%	N/A						
4	Lakeside PV Solar												
5	Solar		14,086					N/A	N/A	N/A	N/A	N/A	N/A
6	Plant Unit Info	74.5	14,086	25.4%	N/A	25.4%	N/A						
7	Lauderdale 1-12												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Gas		0					0	0	0	0	0.00	0.00
10	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
11	Lauderdale 6A												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		1,548				11,353	17,151	1,024,700	17,575	2,705,671	174.78	7.27
14	Plant Unit Info	216.0	1,548	1.0%	93.7%	1.0%	11,353			17,575	2,705,671	174.78	
15	Lauderdale 6B												
16	Light Oil		0				0	0	0	0	0	0.00	0.00
17	Gas		2,173				12,313	26,111	1,024,700	26,756	2,770,815	127.51	7.27
18	Plant Unit Info	216.0	2,173	1.4%	93.7%	1.5%	12,313			26,756	2,770,815	127.51	
19	Lauderdale 6C												
20	Light Oil		0				0	0	0	0	0	0.00	0.00
21	Gas		1,494				12,122	17,674	1,024,700	18,111	2,709,469	181.36	7.27
22	Plant Unit Info	216.0	1,494	0.9%	93.7%	1.0%	12,122			18,111	2,709,469	181.36	
23	Lauderdale 6D												
24	Light Oil		0				0	0	0	0	0	0.00	0.00
25	Gas		5,444				11,353	60,318	1,024,700	61,808	3,019,527	55.47	7.27
26	Plant Unit Info	216.0	5,444	3.4%	93.7%	3.7%	11,353			61,808	3,019,527	55.47	
27	Lauderdale 6E												
28	Light Oil		0				0	0	0	0	0	0.00	0.00
29	Gas		2,442				11,617	27,685	1,024,700	28,369	2,782,261	113.93	7.27
30	Plant Unit Info	216.0	2,442	1.5%	87.3%	1.8%	11,617			28,369	2,782,261	113.93	
31	Loggerhead PV Solar												
32	Solar		14,013					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	14,013	25.3%	N/A	25.3%	N/A						
34	Magnolia Springs PV Solar												
35	Solar		15,631					N/A	N/A	N/A	N/A	N/A	N/A

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	74.5	15,631	28.2%	N/A	28.2%	N/A						
2	Manatee 1												
3	Heavy Oil											N/A	0.00
4	Gas		0					0	0	0	0	0.00	0.00
5	Plant Unit Info	797.0	0	N/A	N/A	N/A	N/A						
6	Manatee 2												
7	Heavy Oil											N/A	0.00
8	Gas		0					0	0	0	0	0.00	0.00
9	Plant Unit Info	797.0	0	N/A	N/A	N/A	N/A						
10	Manatee 3												
11	Gas		593,429				6,869	3,978,238	1,024,700	4,076,500	31,103,107	5.24	7.17
12	Plant Unit Info	1,223.0	593,429	65.2%	93.9%	70.3%	6,869			4,076,500	31,103,107	5.24	
13	Manatee PV Solar												
14	Solar		14,297					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	14,297	25.8%	N/A	25.8%	N/A						
16	Martin 3												
17	Gas		164,725				7,451	1,197,732	1,024,700	1,227,316	11,285,209	6.85	7.27
18	Plant Unit Info	459.0	164,725	48.2%	93.9%	52.6%	7,451			1,227,316	11,285,209	6.85	
19	Martin 4												
20	Gas		172,768				7,448	1,255,782	1,024,700	1,286,800	11,750,618	6.80	7.30
21	Plant Unit Info	459.0	172,768	50.6%	93.9%	54.3%	7,448			1,286,800	11,750,618	6.80	
22	Martin 8												
23	Light Oil		0				0	0	0	0	0	0.00	0.00
24	Gas		511,389				6,961	3,474,221	1,024,700	3,560,034	27,698,983	5.42	7.23
25	Plant Unit Info	1,218.0	511,389	56.4%	91.1%	62.6%	6,961			3,560,034	27,698,983	5.42	
26	Martin 8 Solar												
27	Solar		12,679					N/A	N/A	N/A	N/A	N/A	N/A
28	Plant Unit Info	75.0	12,679	31.0%	97.4%	32.2%	N/A						
29	Miami-Dade PV Solar												
30	Solar		13,845					N/A	N/A	N/A	N/A	N/A	N/A
31	Plant Unit Info	74.5	13,845	25.0%	N/A	25.0%	N/A						
32	Nassau PV Solar												
33	Solar		15,291					N/A	N/A	N/A	N/A	N/A	N/A
34	Plant Unit Info	74.5	15,291	27.6%	N/A	27.6%	N/A						
35	Northern Preserve PV Solar												

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ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Solar		12,983					N/A	N/A	N/A	N/A	N/A	N/A
2	Plant Unit Info	74.5	12,983	23.4%	N/A	23.4%	N/A						
3	Okeechobee 1												
4	Light Oil		0				0	0	0	0	0	0.00	0.00
5	Gas		1,001,391				6,304	6,160,200	1,024,700	6,312,357	49,994,779	4.99	7.70
6	Plant Unit Info	1,570.0	1,001,391	85.7%	93.0%	94.5%	6,304			6,312,357	49,994,779	4.99	
7	Okeechobee PV Solar												
8	Solar		14,202					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	14,202	25.6%	N/A	25.6%	N/A						
10	Orange Blossom PV Solar												
11	Solar		14,167					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	74.5	14,167	25.6%	N/A	25.6%	N/A						
13	Palm Bay PV Solar												
14	Solar		14,406					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	14,406	26.0%	N/A	26.0%	N/A						
16	Pea Ridge												
17	Gas		22					0	0	0	0	0.00	0.00
18	Plant Unit Info	12.0	22	0.3%	93.3%	0.3%	N/A						
19	Pelican PV Solar												
20	Solar		14,183					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	14,183	25.6%	N/A	25.6%	N/A						
22	Perdido												
23	Gas		1,897				11,065	20,485	1,024,700	20,991	2,657,161	140.07	3.72
24	Plant Unit Info	3.0	1,897	85.0%	100.0%	85.0%	11,065			20,991	2,657,161	140.07	
25	Pioneer Trail PV Solar												
26	Solar		14,139					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	14,139	25.5%	N/A	25.5%	N/A						
28	Port Everglades 5												
29	Light Oil		5,285				6,364	5,769	5,829,997	33,635	445,698	8.43	77.25
30	Gas		815,522				6,364	5,064,799	1,024,700	5,189,900	39,533,923	4.85	7.30
31	Plant Unit Info	1,254.0	820,807	88.0%	93.0%	96.0%	6,364			5,223,535	39,979,621	4.87	
32	Riviera 5												
33	Light Oil		0				0	0	0	0	0	0.00	0.00
34	Gas		622,134				6,668	4,048,633	1,024,700	4,148,634	33,228,084	5.34	7.57
35	Plant Unit Info	1,308.0	622,134	63.9%	93.4%	69.3%	6,668			4,148,634	33,228,084	5.34	

FLORIDA POWER & LIGHT COMPANY
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Rodeo PV Solar												
2	Solar		15,249					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	15,249	27.5%	N/A	27.5%	N/A						
4	Sabal Palm PV Solar												
5	Solar		14,116					N/A	N/A	N/A	N/A	N/A	N/A
6	Plant Unit Info	74.5	14,116	25.5%	N/A	25.5%	N/A						
7	Sanford 4												
8	Gas		504,770				6,985	3,440,886	1,024,700	3,525,876	28,696,544	5.69	7.59
9	Plant Unit Info	1,135.0	504,770	59.8%	94.1%	64.4%	6,985			3,525,876	28,696,544	5.69	
10	Sanford 5												
11	Gas		509,181				6,998	3,477,584	1,024,700	3,563,480	28,972,484	5.69	7.59
12	Plant Unit Info	1,135.0	509,181	60.3%	94.1%	65.0%	6,998			3,563,480	28,972,484	5.69	
13	Sawgrass PV Solar												
14	Solar		12,806					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	12,806	23.1%	N/A	23.1%	N/A						
16	Scherer 3												
17	Light Oil		0				0	0	0	0	0	0.00	0.00
18	Coal		149,260				10,482	92,034	16,999,999	1,564,572	5,099,685	3.42	55.41
19	Plant Unit Info	215.0	149,260	93.3%	93.7%	100.0%	10,482			1,564,572	5,099,685	3.42	
20	Smith 3												
21	Gas		327,541				7,039	2,250,011	1,024,700	2,305,586	19,856,029	6.06	7.68
22	Plant Unit Info	644.0	327,541	68.4%	93.9%	73.8%	7,039			2,305,586	19,856,029	6.06	
23	Smith A												
24	Light Oil		0				0	0	0	0	0	0.00	0.00
25	Plant Unit Info	32.0	0	N/A	100.0%	N/A	N/A						
26	Southfork PV Solar												
27	Solar		17,270					N/A	N/A	N/A	N/A	N/A	N/A
28	Plant Unit Info	74.5	17,270	31.2%	N/A	31.2%	N/A						
29	Space Coast PV Solar												
30	Solar		1,532					N/A	N/A	N/A	N/A	N/A	N/A
31	Plant Unit Info	10.0	1,532	20.6%	N/A	20.6%	N/A						
32	St. Lucie 1												
33	Nuclear		711,588				10,560	7,514,303	1,000,000	7,514,303	3,645,188	0.51	0.49
34	Plant Unit Info	981.0	711,588	97.5%	97.5%	100.0%	10,560			7,514,303	3,645,188	0.51	
35	St. Lucie 2												

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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Nuclear		609,329				10,496	6,395,334	1,000,000	6,395,334	2,748,714	0.45	0.43
2	Plant Unit Info	840.0	609,329	97.5%	97.5%	100.0%	10,496			6,395,334	2,748,714	0.45	
3	Sundew PV Solar												
4	Solar		13,292					N/A	N/A	N/A	N/A	N/A	N/A
5	Plant Unit Info	74.5	13,292	24.0%	N/A	24.0%	N/A						
6	Sunshine Gateway PV Solar												
7	Solar		15,009					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	15,009	27.1%	N/A	27.1%	N/A						
9	Sweetbay PV Solar												
10	Solar		12,901					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	12,901	23.3%	N/A	23.3%	N/A						
12	Trailside PV Solar												
13	Solar		16,026					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	16,026	28.9%	N/A	28.9%	N/A						
15	Turkey Point 3												
16	Nuclear		607,160				10,818	6,568,498	1,000,000	6,568,498	3,250,093	0.54	0.49
17	Plant Unit Info	837.0	607,160	97.5%	97.5%	100.0%	10,818			6,568,498	3,250,093	0.54	
18	Turkey Point 4												
19	Nuclear		612,238				10,729	6,568,514	1,000,000	6,568,514	3,173,906	0.52	0.48
20	Plant Unit Info	844.0	612,238	97.5%	97.5%	100.0%	10,729			6,568,514	3,173,906	0.52	
21	Turkey Point 5												
22	Light Oil		0				0	0	0	0	0	0.00	0.00
23	Gas		579,927				6,909	3,910,110	1,024,700	4,006,690	31,071,905	5.36	7.29
24	Plant Unit Info	1,256.0	579,927	62.1%	93.9%	66.7%	6,909			4,006,690	31,071,905	5.36	
25	Twin Lakes PV Solar												
26	Solar		16,114					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	16,114	29.1%	N/A	29.1%	N/A						
28	Union Springs PV Solar												
29	Solar		15,727					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	15,727	28.4%	N/A	28.4%	N/A						
31	West County 1												
32	Light Oil		0				0	0	0	0	0	0.00	0.00
33	Gas		608,451				6,740	4,001,867	1,024,700	4,100,713	31,032,253	5.10	7.11
34	Plant Unit Info	1,223.0	608,451	66.9%	93.7%	73.3%	6,740			4,100,713	31,032,253	5.10	
35	West County 2												

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Light Oil		0				0	0	0	0	0	0.00	0.00
2	Gas		669,838				6,689	4,372,753	1,024,700	4,480,760	33,664,369	5.03	7.11
3	Plant Unit Info	1,223.0	669,838	73.6%	93.7%	81.3%	6,689			4,480,760	33,664,369	5.03	
4	West County 3												
5	Light Oil		0				0	0	0	0	0	0.00	0.00
6	Gas		759,310				6,622	4,906,903	1,024,700	5,028,103	37,499,051	4.94	7.12
7	Plant Unit Info	1,228.0	759,310	83.1%	93.7%	90.3%	6,622			5,028,103	37,499,051	4.94	
8	Wildflower PV Solar												
9	Solar		14,116					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	14,116	25.5%	N/A	25.5%	N/A						
11	Willow PV Solar												
12	Solar		14,836					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	14,836	26.8%	N/A	26.8%	N/A						
14	_System Totals												
15	Plant Unit Info	32,723	13,365,293				7,187			96,062,001	592,099,915	4.43	N/A
16	Total												
17													
18													
19													
20													
21													
22													
23													
24													
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26													
27													
28													
29													
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31													
32													
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34													
35													

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Aug - 2022												
2	Babcock Preserve PV Solar												
3	Solar		14,110					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	14,110	25.5%	N/A	25.5%	N/A						
5	Babcock Ranch PV Solar												
6	Solar		14,392					N/A	N/A	N/A	N/A	N/A	N/A
7	Plant Unit Info	74.5	14,392	26.0%	N/A	26.0%	N/A						
8	Barefoot Bay PV Solar												
9	Solar		14,820					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	14,820	26.7%	N/A	26.7%	N/A						
11	Blue Cypress PV Solar												
12	Solar		14,415					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	14,415	26.0%	N/A	26.0%	N/A						
14	Blue Heron PV Solar												
15	Solar		14,058					N/A	N/A	N/A	N/A	N/A	N/A
16	Plant Unit Info	74.5	14,058	25.4%	N/A	25.4%	N/A						
17	Blue Indigo PV Solar												
18	Solar		17,260					N/A	N/A	N/A	N/A	N/A	N/A
19	Plant Unit Info	74.5	17,260	31.1%	N/A	31.1%	N/A						
20	Blue Springs PV Solar												
21	Solar		15,074					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	15,074	27.2%	N/A	27.2%	N/A						
23	Cape Canaveral 3												
24	Light Oil		0				0	0	0	0	0	0.00	0.00
25	Gas		542,582				6,692	3,543,667	1,024,700	3,631,196	29,041,695	5.35	7.44
26	Plant Unit Info	1,308.0	542,582	55.8%	93.4%	61.1%	6,692			3,631,196	29,041,695	5.35	
27	Cattle Ranch PV Solar												
28	Solar		14,756					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	14,756	26.6%	N/A	26.6%	N/A						
30	Citrus PV Solar												
31	Solar		14,529					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	14,529	26.2%	N/A	26.2%	N/A						
33	Coral Farms PV Solar												
34	Solar		14,239					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	14,239	25.7%	N/A	25.7%	N/A						

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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Cotton Creek PV Solar												
2	Solar		14,015					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	14,015	25.3%	N/A	25.3%	N/A						
4	Dania Beach 7												
5	Gas		673,941				6,373	4,191,808	1,024,700	4,295,346	33,082,305	4.91	7.26
6	Plant Unit Info	1,101.0	673,941	82.3%	96.8%	86.6%	6,373			4,295,346	33,082,305	4.91	
7	Daniel 1												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Coal											N/A	0.00
10	Plant Unit Info	251.0	0	N/A	93.6%	N/A	N/A						
11	Daniel 2												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Coal		4,579				16,946	4,565	16,999,993	77,598	288,668	6.30	63.24
14	Plant Unit Info	251.0	4,579	2.5%	93.6%	2.6%	16,946			77,598	288,668	6.30	
15	Desoto PV Solar												
16	Solar		4,194					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	25.0	4,194	22.6%	N/A	22.6%	N/A						
18	Discovery PV Solar												
19	Solar		12,918					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	12,918	23.3%	N/A	23.3%	N/A						
21	Echo River PV Solar												
22	Solar		17,060					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	17,060	30.8%	N/A	30.8%	N/A						
24	Egret PV Solar												
25	Solar		14,768					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	14,768	26.6%	N/A	26.6%	N/A						
27	Elder Branch PV Solar												
28	Solar		15,178					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	15,178	27.4%	N/A	27.4%	N/A						
30	Fort Drum PV Solar												
31	Solar		13,063					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	13,063	23.6%	N/A	23.6%	N/A						
33	Fort Myers 2												
34	Gas		803,561				7,038	5,519,428	1,024,700	5,655,758	43,763,176	5.45	7.45
35	Plant Unit Info	1,700.0	803,561	63.5%	93.8%	68.4%	7,038			5,655,758	43,763,176	5.45	

FLORIDA POWER & LIGHT COMPANY
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Fort Myers 3A												
2	Light Oil		0				0	0	0	0	0	0.00	0.00
3	Gas		3,647				11,426	40,667	1,024,700	41,671	2,966,278	81.33	7.45
4	Plant Unit Info	166.0	3,647	3.0%	93.7%	3.2%	11,426			41,671	2,966,278	81.33	
5	Fort Myers 3B												
6	Light Oil		0				0	0	0	0	0	0.00	0.00
7	Gas		3,495				11,444	39,033	1,024,700	39,997	2,954,305	84.53	7.46
8	Plant Unit Info	166.0	3,495	2.8%	93.7%	3.1%	11,444			39,997	2,954,305	84.53	
9	Fort Myers 3C												
10	Light Oil		213				10,698	390	5,830,045	2,275	40,647	19.11	104.16
11	Gas		13,826				10,699	144,356	1,024,700	147,922	3,737,270	27.03	7.44
12	Plant Unit Info	219.0	14,039	8.6%	93.7%	9.4%	10,699			150,197	3,777,917	26.91	
13	Fort Myers 3D												
14	Light Oil		0				0	0	0	0	0	0.00	0.00
15	Gas		13,863				10,750	145,434	1,024,700	149,026	3,746,720	27.03	7.45
16	Plant Unit Info	219.0	13,863	8.5%	93.7%	9.3%	10,750			149,026	3,746,720	27.03	
17	Fort Myers GT												
18	Light Oil		0				0	0	0	0	0	0.00	0.00
19	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
20	GCEC 4												
21	Light Oil		0				0	0	0	0	0	0.00	0.00
22	Gas		0					0	0	0	0	0.00	0.00
23	Plant Unit Info	75.0	0	N/A	93.8%	N/A	N/A						
24	GCEC 5												
25	Light Oil		0				0	0	0	0	0	0.00	0.00
26	Gas		0					0	0	0	0	0.00	0.00
27	Plant Unit Info	75.0	0	N/A	93.8%	N/A	N/A						
28	GCEC 6												
29	Gas		13,612				11,860	157,551	1,024,700	161,443	3,825,065	28.10	7.37
30	Plant Unit Info	315.0	13,612	5.8%	93.6%	6.2%	11,860			161,443	3,825,065	28.10	
31	GCEC 7												
32	Gas		11,231				11,462	125,624	1,024,700	128,727	3,587,641	31.94	7.36
33	Plant Unit Info	496.0	11,231	3.0%	93.6%	3.3%	11,462			128,727	3,587,641	31.94	
34	GCEC 8A												
35	Light Oil		0				0	0	0	0	0	0.00	0.00

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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		18,647				11,200	203,820	1,024,700	208,854	4,168,041	22.35	7.38
2	Plant Unit Info	233.0	18,647	10.8%	96.9%	10.8%	11,200			208,854	4,168,041	22.35	
3	GCEC 8B												
4	Light Oil		0				0	0	0	0	0	0.00	0.00
5	Gas		19,185				11,215	209,981	1,024,700	215,168	4,207,812	21.93	7.36
6	Plant Unit Info	233.0	19,185	11.1%	96.9%	11.1%	11,215			215,168	4,207,812	21.93	
7	GCEC 8C												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Gas		11,629				11,505	130,571	1,024,700	133,796	3,625,337	31.17	7.37
10	Plant Unit Info	228.0	11,629	6.9%	96.9%	6.9%	11,505			133,796	3,625,337	31.17	
11	GCEC 8D												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		12,573				11,586	142,157	1,024,700	145,668	3,709,416	29.50	7.36
14	Plant Unit Info	228.0	12,573	7.4%	96.9%	7.4%	11,586			145,668	3,709,416	29.50	
15	Ghost Orchid PV Solar												
16	Solar		12,967					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	12,967	23.4%	N/A	23.4%	N/A						
18	Grove PV Solar												
19	Solar		13,103					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	13,103	23.6%	N/A	23.6%	N/A						
21	Hammock PV Solar												
22	Solar		13,809					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	13,809	24.9%	N/A	24.9%	N/A						
24	Hibiscus PV Solar												
25	Solar		14,496					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	14,496	26.2%	N/A	26.2%	N/A						
27	Horizon PV Solar												
28	Solar		14,174					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	14,174	25.6%	N/A	25.6%	N/A						
30	Immokalee PV Solar												
31	Solar		13,262					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	13,262	23.9%	N/A	23.9%	N/A						
33	Indian River PV Solar												
34	Solar		14,369					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	14,369	25.9%	N/A	25.9%	N/A						

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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Interstate PV Solar												
2	Solar		14,010					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	14,010	25.3%	N/A	25.3%	N/A						
4	Lakeside PV Solar												
5	Solar		13,653					N/A	N/A	N/A	N/A	N/A	N/A
6	Plant Unit Info	74.5	13,653	24.6%	N/A	24.6%	N/A						
7	Lauderdale 1-12												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Gas		0					0	0	0	0	0.00	0.00
10	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
11	Lauderdale 6A												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		5,122				11,189	55,929	1,024,700	57,310	3,069,029	59.92	7.26
14	Plant Unit Info	216.0	5,122	3.2%	93.7%	3.5%	11,189			57,310	3,069,029	59.92	
15	Lauderdale 6B												
16	Light Oil		0				0	0	0	0	0	0.00	0.00
17	Gas		5,185				11,456	57,968	1,024,700	59,400	3,083,833	59.48	7.26
18	Plant Unit Info	216.0	5,185	3.2%	93.7%	3.5%	11,456			59,400	3,083,833	59.48	
19	Lauderdale 6C												
20	Light Oil		0				0	0	0	0	0	0.00	0.00
21	Gas		1,489				12,140	17,641	1,024,700	18,077	2,791,194	187.45	7.26
22	Plant Unit Info	216.0	1,489	0.9%	93.7%	1.0%	12,140			18,077	2,791,194	187.45	
23	Lauderdale 6D												
24	Light Oil		0				0	0	0	0	0	0.00	0.00
25	Gas		2,824				12,175	33,552	1,024,700	34,381	2,906,657	102.93	7.26
26	Plant Unit Info	216.0	2,824	1.8%	93.7%	1.9%	12,175			34,381	2,906,657	102.93	
27	Lauderdale 6E												
28	Light Oil		0				0	0	0	0	0	0.00	0.00
29	Gas		4,577				11,620	51,904	1,024,700	53,186	3,039,826	66.42	7.26
30	Plant Unit Info	216.0	4,577	2.9%	93.7%	3.1%	11,620			53,186	3,039,826	66.42	
31	Loggerhead PV Solar												
32	Solar		14,115					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	14,115	25.5%	N/A	25.5%	N/A						
34	Magnolia Springs PV Solar												
35	Solar		14,728					N/A	N/A	N/A	N/A	N/A	N/A

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FUEL COST RECOVERY CLAUSE
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	74.5	14,728	26.6%	N/A	26.6%	N/A						
2	Manatee 1												
3	Heavy Oil											N/A	0.00
4	Gas		0					0	0	0	0	0.00	0.00
5	Plant Unit Info	797.0	0	N/A	N/A	N/A	N/A						
6	Manatee 2												
7	Heavy Oil											N/A	0.00
8	Gas		0					0	0	0	0	0.00	0.00
9	Plant Unit Info	797.0	0	N/A	N/A	N/A	N/A						
10	Manatee 3												
11	Gas		598,985				6,865	4,013,080	1,024,700	4,112,203	31,090,385	5.19	7.08
12	Plant Unit Info	1,223.0	598,985	65.8%	93.9%	70.9%	6,865			4,112,203	31,090,385	5.19	
13	Manatee PV Solar												
14	Solar		14,153					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	14,153	25.5%	N/A	25.5%	N/A						
16	Martin 3												
17	Gas		174,328				7,413	1,261,155	1,024,700	1,292,306	11,778,741	6.76	7.23
18	Plant Unit Info	459.0	174,328	51.1%	93.9%	55.6%	7,413			1,292,306	11,778,741	6.76	
19	Martin 4												
20	Gas		179,318				7,423	1,298,975	1,024,700	1,331,060	12,122,643	6.76	7.28
21	Plant Unit Info	459.0	179,318	52.5%	93.9%	56.4%	7,423			1,331,060	12,122,643	6.76	
22	Martin 8												
23	Light Oil		0				0	0	0	0	0	0.00	0.00
24	Gas		515,003				6,973	3,504,495	1,024,700	3,591,056	27,736,339	5.39	7.15
25	Plant Unit Info	1,218.0	515,003	56.8%	93.5%	61.4%	6,973			3,591,056	27,736,339	5.39	
26	Martin 8 Solar												
27	Solar		11,873					N/A	N/A	N/A	N/A	N/A	N/A
28	Plant Unit Info	75.0	11,873	29.0%	97.4%	30.1%	N/A						
29	Miami-Dade PV Solar												
30	Solar		13,688					N/A	N/A	N/A	N/A	N/A	N/A
31	Plant Unit Info	74.5	13,688	24.7%	N/A	24.7%	N/A						
32	Nassau PV Solar												
33	Solar		14,324					N/A	N/A	N/A	N/A	N/A	N/A
34	Plant Unit Info	74.5	14,324	25.8%	N/A	25.8%	N/A						
35	Northern Preserve PV Solar												

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Solar		12,655					N/A	N/A	N/A	N/A	N/A	N/A
2	Plant Unit Info	74.5	12,655	22.8%	N/A	22.8%	N/A						
3	Okeechobee 1												
4	Light Oil		0				0	0	0	0	0	0.00	0.00
5	Gas		961,877				6,325	5,937,328	1,024,700	6,083,980	47,985,181	4.99	7.63
6	Plant Unit Info	1,570.0	961,877	82.4%	93.0%	90.8%	6,325			6,083,980	47,985,181	4.99	
7	Okeechobee PV Solar												
8	Solar		13,992					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	13,992	25.2%	N/A	25.2%	N/A						
10	Orange Blossom PV Solar												
11	Solar		13,869					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	74.5	13,869	25.0%	N/A	25.0%	N/A						
13	Palm Bay PV Solar												
14	Solar		14,058					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	14,058	25.4%	N/A	25.4%	N/A						
16	Pea Ridge												
17	Gas		0					0	0	0	0	0.00	0.00
18	Plant Unit Info	12.0	0	N/A	93.3%	N/A	N/A						
19	Pelican PV Solar												
20	Solar		13,887					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	13,887	25.1%	N/A	25.1%	N/A						
22	Perdido												
23	Gas		1,897				11,065	20,485	1,024,700	20,991	2,739,375	144.41	3.72
24	Plant Unit Info	3.0	1,897	85.0%	100.0%	85.0%	11,065			20,991	2,739,375	144.41	
25	Pioneer Trail PV Solar												
26	Solar		14,013					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	14,013	25.3%	N/A	25.3%	N/A						
28	Port Everglades 5												
29	Light Oil		8,103				6,362	8,842	5,829,998	51,551	683,103	8.43	77.25
30	Gas		816,452				6,362	5,068,868	1,024,700	5,194,069	39,447,089	4.83	7.26
31	Plant Unit Info	1,254.0	824,555	88.4%	93.0%	96.4%	6,362			5,245,620	40,130,192	4.87	
32	Riviera 5												
33	Light Oil		0				0	0	0	0	0	0.00	0.00
34	Gas		597,089				6,677	3,890,725	1,024,700	3,986,826	31,702,260	5.31	7.46
35	Plant Unit Info	1,308.0	597,089	61.4%	93.4%	66.5%	6,677			3,986,826	31,702,260	5.31	

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SCHEDULE: E4

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Rodeo PV Solar												
2	Solar		14,712					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	14,712	26.5%	N/A	26.5%	N/A						
4	Sabal Palm PV Solar												
5	Solar		13,713					N/A	N/A	N/A	N/A	N/A	N/A
6	Plant Unit Info	74.5	13,713	24.7%	N/A	24.7%	N/A						
7	Sanford 4												
8	Gas		509,207				6,934	3,445,859	1,024,700	3,530,972	28,326,144	5.56	7.45
9	Plant Unit Info	1,135.0	509,207	60.3%	94.1%	65.0%	6,934			3,530,972	28,326,144	5.56	
10	Sanford 5												
11	Gas		518,332				6,942	3,511,601	1,024,700	3,598,338	28,815,957	5.56	7.45
12	Plant Unit Info	1,135.0	518,332	61.4%	94.1%	66.1%	6,942			3,598,338	28,815,957	5.56	
13	Sawgrass PV Solar												
14	Solar		12,850					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	12,850	23.2%	N/A	23.2%	N/A						
16	Scherer 3												
17	Light Oil		0				0	0	0	0	0	0.00	0.00
18	Coal		149,260				10,450	91,748	17,000,001	1,559,721	5,126,388	3.43	55.87
19	Plant Unit Info	215.0	149,260	93.3%	93.7%	100.0%	10,450			1,559,721	5,126,388	3.43	
20	Smith 3												
21	Gas		313,998				7,017	2,150,115	1,024,700	2,203,223	18,822,272	5.99	7.52
22	Plant Unit Info	644.0	313,998	65.5%	93.9%	70.7%	7,017			2,203,223	18,822,272	5.99	
23	Smith A												
24	Light Oil		0				0	0	0	0	0	0.00	0.00
25	Plant Unit Info	32.0	0	N/A	100.0%	N/A	N/A						
26	Southfork PV Solar												
27	Solar		16,807					N/A	N/A	N/A	N/A	N/A	N/A
28	Plant Unit Info	74.5	16,807	30.3%	N/A	30.3%	N/A						
29	Space Coast PV Solar												
30	Solar		1,521					N/A	N/A	N/A	N/A	N/A	N/A
31	Plant Unit Info	10.0	1,521	20.4%	N/A	20.4%	N/A						
32	St. Lucie 1												
33	Nuclear		711,588				10,560	7,514,303	1,000,000	7,514,303	3,645,188	0.51	0.49
34	Plant Unit Info	981.0	711,588	97.5%	97.5%	100.0%	10,560			7,514,303	3,645,188	0.51	
35	St. Lucie 2												

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Nuclear		609,329				10,496	6,395,334	1,000,000	6,395,334	2,748,714	0.45	0.43
2	Plant Unit Info	840.0	609,329	97.5%	97.5%	100.0%	10,496			6,395,334	2,748,714	0.45	
3	Sundew PV Solar												
4	Solar		13,245					N/A	N/A	N/A	N/A	N/A	N/A
5	Plant Unit Info	74.5	13,245	23.9%	N/A	23.9%	N/A						
6	Sunshine Gateway PV Solar												
7	Solar		14,158					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	14,158	25.5%	N/A	25.5%	N/A						
9	Sweetbay PV Solar												
10	Solar		12,675					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	12,675	22.9%	N/A	22.9%	N/A						
12	Trailside PV Solar												
13	Solar		15,015					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	15,015	27.1%	N/A	27.1%	N/A						
15	Turkey Point 3												
16	Nuclear		607,160				10,818	6,568,498	1,000,000	6,568,498	3,250,093	0.54	0.49
17	Plant Unit Info	837.0	607,160	97.5%	97.5%	100.0%	10,818			6,568,498	3,250,093	0.54	
18	Turkey Point 4												
19	Nuclear		612,238				10,729	6,568,514	1,000,000	6,568,514	3,173,906	0.52	0.48
20	Plant Unit Info	844.0	612,238	97.5%	97.5%	100.0%	10,729			6,568,514	3,173,906	0.52	
21	Turkey Point 5												
22	Light Oil		0				0	0	0	0	0	0.00	0.00
23	Gas		550,187				6,926	3,718,561	1,024,700	3,810,409	29,647,891	5.39	7.26
24	Plant Unit Info	1,256.0	550,187	58.9%	93.9%	63.3%	6,926			3,810,409	29,647,891	5.39	
25	Twin Lakes PV Solar												
26	Solar		15,193					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	15,193	27.4%	N/A	27.4%	N/A						
28	Union Springs PV Solar												
29	Solar		14,698					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	14,698	26.5%	N/A	26.5%	N/A						
31	West County 1												
32	Light Oil		0				0	0	0	0	0	0.00	0.00
33	Gas		578,664				6,757	3,815,770	1,024,700	3,910,020	29,467,449	5.09	7.02
34	Plant Unit Info	1,223.0	578,664	63.6%	93.7%	69.8%	6,757			3,910,020	29,467,449	5.09	
35	West County 2												

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Light Oil		0				0	0	0	0	0	0.00	0.00
2	Gas		707,870				6,650	4,593,897	1,024,700	4,707,366	34,933,663	4.94	7.02
3	Plant Unit Info	1,223.0	707,870	77.8%	93.7%	85.9%	6,650			4,707,366	34,933,663	4.94	
4	West County 3												
5	Light Oil		0				0	0	0	0	0	0.00	0.00
6	Gas		799,914				6,586	5,141,515	1,024,700	5,268,510	38,780,269	4.85	7.02
7	Plant Unit Info	1,228.0	799,914	87.6%	93.7%	95.2%	6,586			5,268,510	38,780,269	4.85	
8	Wildflower PV Solar												
9	Solar		13,966					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	13,966	25.2%	N/A	25.2%	N/A						
11	Willow PV Solar												
12	Solar		14,313					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	14,313	25.8%	N/A	25.8%	N/A						
14	_System Totals												
15	Plant Unit Info	32,723	13,387,493				7,212			96,556,050	589,657,979	4.40	N/A
16	Total												
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
32													
33													
34													
35													

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Sep - 2022												
2	Babcock Preserve PV Solar												
3	Solar		13,097					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	13,097	24.4%	N/A	24.4%	N/A						
5	Babcock Ranch PV Solar												
6	Solar		13,535					N/A	N/A	N/A	N/A	N/A	N/A
7	Plant Unit Info	74.5	13,535	25.2%	N/A	25.2%	N/A						
8	Barefoot Bay PV Solar												
9	Solar		13,323					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	13,323	24.8%	N/A	24.8%	N/A						
11	Blue Cypress PV Solar												
12	Solar		12,923					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	12,923	24.1%	N/A	24.1%	N/A						
14	Blue Heron PV Solar												
15	Solar		12,809					N/A	N/A	N/A	N/A	N/A	N/A
16	Plant Unit Info	74.5	12,809	23.9%	N/A	23.9%	N/A						
17	Blue Indigo PV Solar												
18	Solar		15,255					N/A	N/A	N/A	N/A	N/A	N/A
19	Plant Unit Info	74.5	15,255	28.4%	N/A	28.4%	N/A						
20	Blue Springs PV Solar												
21	Solar		13,514					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	13,514	25.2%	N/A	25.2%	N/A						
23	Cape Canaveral 3												
24	Light Oil		0				0	0	0	0	0	0.00	0.00
25	Gas		521,083				6,693	3,403,621	1,024,700	3,487,690	27,701,505	5.32	7.38
26	Plant Unit Info	1,308.0	521,083	55.3%	93.4%	60.6%	6,693			3,487,690	27,701,505	5.32	
27	Cattle Ranch PV Solar												
28	Solar		13,172					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	13,172	24.6%	N/A	24.6%	N/A						
30	Citrus PV Solar												
31	Solar		13,501					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	13,501	25.2%	N/A	25.2%	N/A						
33	Coral Farms PV Solar												
34	Solar		12,833					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	12,833	23.9%	N/A	23.9%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Cotton Creek PV Solar												
2	Solar		13,337					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	13,337	24.9%	N/A	24.9%	N/A						
4	Dania Beach 7												
5	Gas		645,608				6,375	4,016,264	1,024,700	4,115,466	31,239,443	4.84	7.14
6	Plant Unit Info	1,101.0	645,608	81.4%	96.8%	85.7%	6,375			4,115,466	31,239,443	4.84	
7	Daniel 1												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Coal		8,894				16,398	8,579	16,999,998	145,844	542,494	6.10	63.23
10	Plant Unit Info	251.0	8,894	4.9%	83.6%	5.9%	16,398			145,844	542,494	6.10	
11	Daniel 2												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Coal											N/A	0.00
14	Plant Unit Info	251.0	0	N/A	93.6%	N/A	N/A						
15	Desoto PV Solar												
16	Solar		3,740					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	25.0	3,740	20.8%	N/A	20.8%	N/A						
18	Discovery PV Solar												
19	Solar		11,619					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	11,619	21.7%	N/A	21.7%	N/A						
21	Echo River PV Solar												
22	Solar		14,900					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	14,900	27.8%	N/A	27.8%	N/A						
24	Egret PV Solar												
25	Solar		12,578					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	12,578	23.5%	N/A	23.5%	N/A						
27	Elder Branch PV Solar												
28	Solar		13,624					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	13,624	25.4%	N/A	25.4%	N/A						
30	Fort Drum PV Solar												
31	Solar		11,967					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	11,967	22.3%	N/A	22.3%	N/A						
33	Fort Myers 2												
34	Gas		788,115				7,034	5,409,838	1,024,700	5,543,461	42,549,317	5.40	7.39
35	Plant Unit Info	1,700.0	788,115	64.4%	93.8%	69.3%	7,034			5,543,461	42,549,317	5.40	

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Fort Myers 3A												
2	Light Oil		0				0	0	0	0	0	0.00	0.00
3	Gas		2,700				11,527	30,374	1,024,700	31,124	2,803,359	103.83	7.41
4	Plant Unit Info	166.0	2,700	2.3%	93.7%	2.5%	11,527			31,124	2,803,359	103.83	
5	Fort Myers 3B												
6	Light Oil		0				0	0	0	0	0	0.00	0.00
7	Gas		4,255				11,367	47,200	1,024,700	48,366	2,928,098	68.82	7.41
8	Plant Unit Info	166.0	4,255	3.6%	87.1%	4.2%	11,367			48,366	2,928,098	68.82	
9	Fort Myers 3C												
10	Light Oil		72				10,684	132	5,830,107	768	13,722	19.09	104.16
11	Gas		12,520				10,685	130,551	1,024,700	133,776	3,544,311	28.31	7.40
12	Plant Unit Info	219.0	12,592	8.0%	93.7%	8.7%	10,685			134,544	3,558,032	28.26	
13	Fort Myers 3D												
14	Light Oil		0				0	0	0	0	0	0.00	0.00
15	Gas		10,924				10,770	114,815	1,024,700	117,651	3,426,326	31.37	7.39
16	Plant Unit Info	219.0	10,924	6.9%	93.7%	7.5%	10,770			117,651	3,426,326	31.37	
17	Fort Myers GT												
18	Light Oil		0				0	0	0	0	0	0.00	0.00
19	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
20	GCEC 4												
21	Light Oil		0				0	0	0	0	0	0.00	0.00
22	Gas		0					0	0	0	0	0.00	0.00
23	Plant Unit Info	75.0	0	N/A	93.8%	N/A	N/A						
24	GCEC 5												
25	Light Oil		0				0	0	0	0	0	0.00	0.00
26	Gas		0					0	0	0	0	0.00	0.00
27	Plant Unit Info	75.0	0	N/A	93.8%	N/A	N/A						
28	GCEC 6												
29	Gas		8,859				11,453	99,019	1,024,700	101,465	3,306,594	37.32	7.36
30	Plant Unit Info	315.0	8,859	3.9%	40.3%	9.8%	11,453			101,465	3,306,594	37.32	
31	GCEC 7												
32	Gas		31,211				11,311	344,510	1,024,700	353,019	5,105,954	16.36	7.34
33	Plant Unit Info	496.0	31,211	8.7%	93.6%	9.4%	11,311			353,019	5,105,954	16.36	
34	GCEC 8A												
35	Light Oil		0				0	0	0	0	0	0.00	0.00

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		17,541				11,166	191,141	1,024,700	195,862	3,980,464	22.69	7.34
2	Plant Unit Info	233.0	17,541	10.5%	96.9%	10.5%	11,166			195,862	3,980,464	22.69	
3	GCEC 8B												
4	Light Oil		0				0	0	0	0	0	0.00	0.00
5	Gas		16,480				11,108	178,642	1,024,700	183,054	3,889,317	23.60	7.34
6	Plant Unit Info	233.0	16,480	9.8%	96.9%	9.8%	11,108			183,054	3,889,317	23.60	
7	GCEC 8C												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Gas		11,738				11,432	130,959	1,024,700	134,194	3,539,577	30.15	7.34
10	Plant Unit Info	228.0	11,738	7.2%	96.9%	7.2%	11,432			134,194	3,539,577	30.15	
11	GCEC 8D												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		12,205				11,650	138,759	1,024,700	142,186	3,595,644	29.46	7.33
14	Plant Unit Info	228.0	12,205	7.4%	96.9%	7.4%	11,650			142,186	3,595,644	29.46	
15	Ghost Orchid PV Solar												
16	Solar		12,026					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	12,026	22.4%	N/A	22.4%	N/A						
18	Grove PV Solar												
19	Solar		11,939					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	11,939	22.3%	N/A	22.3%	N/A						
21	Hammock PV Solar												
22	Solar		12,541					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	12,541	23.4%	N/A	23.4%	N/A						
24	Hibiscus PV Solar												
25	Solar		13,142					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	13,142	24.5%	N/A	24.5%	N/A						
27	Horizon PV Solar												
28	Solar		12,953					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	12,953	24.2%	N/A	24.2%	N/A						
30	Immokalee PV Solar												
31	Solar		12,283					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	12,283	22.9%	N/A	22.9%	N/A						
33	Indian River PV Solar												
34	Solar		12,913					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	12,913	24.1%	N/A	24.1%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Interstate PV Solar												
2	Solar		12,976					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	12,976	24.2%	N/A	24.2%	N/A						
4	Lakeside PV Solar												
5	Solar		12,492					N/A	N/A	N/A	N/A	N/A	N/A
6	Plant Unit Info	74.5	12,492	23.3%	N/A	23.3%	N/A						
7	Lauderdale 1-12												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Gas		0					0	0	0	0	0.00	0.00
10	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
11	Lauderdale 6A												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		2,493				11,503	27,985	1,024,700	28,676	2,777,926	111.43	7.13
14	Plant Unit Info	216.0	2,493	1.6%	47.1%	3.5%	11,503			28,676	2,777,926	111.43	
15	Lauderdale 6B												
16	Light Oil		0				0	0	0	0	0	0.00	0.00
17	Gas		5,896				11,573	66,590	1,024,700	68,235	3,053,362	51.79	7.13
18	Plant Unit Info	216.0	5,896	3.8%	93.7%	4.1%	11,573			68,235	3,053,362	51.79	
19	Lauderdale 6C												
20	Light Oil		0				0	0	0	0	0	0.00	0.00
21	Gas		4,376				12,074	51,562	1,024,700	52,836	2,946,140	67.32	7.13
22	Plant Unit Info	216.0	4,376	2.8%	93.7%	3.1%	12,074			52,836	2,946,140	67.32	
23	Lauderdale 6D												
24	Light Oil		0				0	0	0	0	0	0.00	0.00
25	Gas		5,349				12,144	63,390	1,024,700	64,956	3,030,528	56.66	7.13
26	Plant Unit Info	216.0	5,349	3.4%	93.7%	3.7%	12,144			64,956	3,030,528	56.66	
27	Lauderdale 6E												
28	Light Oil		0				0	0	0	0	0	0.00	0.00
29	Gas		6,875				11,861	79,579	1,024,700	81,545	3,146,037	45.76	7.13
30	Plant Unit Info	216.0	6,875	4.4%	93.7%	4.8%	11,861			81,545	3,146,037	45.76	
31	Loggerhead PV Solar												
32	Solar		12,984					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	12,984	24.2%	N/A	24.2%	N/A						
34	Magnolia Springs PV Solar												
35	Solar		12,580					N/A	N/A	N/A	N/A	N/A	N/A

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	74.5	12,580	23.5%	N/A	23.5%	N/A						
2	Manatee 1												
3	Heavy Oil											N/A	0.00
4	Gas		0					0	0	0	0	0.00	0.00
5	Plant Unit Info	797.0	0	N/A	N/A	N/A	N/A						
6	Manatee 2												
7	Heavy Oil											N/A	0.00
8	Gas		0					0	0	0	0	0.00	0.00
9	Plant Unit Info	797.0	0	N/A	N/A	N/A	N/A						
10	Manatee 3												
11	Gas		577,370				6,863	3,867,122	1,024,700	3,962,640	29,530,901	5.11	6.97
12	Plant Unit Info	1,223.0	577,370	65.6%	93.9%	70.6%	6,863			3,962,640	29,530,901	5.11	
13	Manatee PV Solar												
14	Solar		13,429					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	13,429	25.0%	N/A	25.0%	N/A						
16	Martin 3												
17	Gas		169,252				7,414	1,224,531	1,024,700	1,254,777	11,282,106	6.67	7.11
18	Plant Unit Info	459.0	169,252	51.2%	93.9%	55.8%	7,414			1,254,777	11,282,106	6.67	
19	Martin 4												
20	Gas		173,111				7,416	1,252,917	1,024,700	1,283,864	11,527,487	6.66	7.14
21	Plant Unit Info	459.0	173,111	52.4%	93.9%	56.3%	7,416			1,283,864	11,527,487	6.66	
22	Martin 8												
23	Light Oil		0				0	0	0	0	0	0.00	0.00
24	Gas		558,638				6,931	3,778,457	1,024,700	3,871,785	29,127,574	5.21	7.03
25	Plant Unit Info	1,218.0	558,638	63.7%	93.5%	68.8%	6,931			3,871,785	29,127,574	5.21	
26	Martin 8 Solar												
27	Solar		10,320					N/A	N/A	N/A	N/A	N/A	N/A
28	Plant Unit Info	75.0	10,320	26.1%	97.4%	27.0%	N/A						
29	Miami-Dade PV Solar												
30	Solar		12,486					N/A	N/A	N/A	N/A	N/A	N/A
31	Plant Unit Info	74.5	12,486	23.3%	N/A	23.3%	N/A						
32	Nassau PV Solar												
33	Solar		11,989					N/A	N/A	N/A	N/A	N/A	N/A
34	Plant Unit Info	74.5	11,989	22.4%	N/A	22.4%	N/A						
35	Northern Preserve PV Solar												

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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Solar		11,434					N/A	N/A	N/A	N/A	N/A	N/A
2	Plant Unit Info	74.5	11,434	21.3%	N/A	21.3%	N/A						
3	Okeechobee 1												
4	Light Oil		0				0	0	0	0	0	0.00	0.00
5	Gas		989,102				6,299	6,079,763	1,024,700	6,229,933	48,537,909	4.91	7.56
6	Plant Unit Info	1,570.0	989,102	87.5%	93.0%	96.5%	6,299			6,229,933	48,537,909	4.91	
7	Okeechobee PV Solar												
8	Solar		12,999					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	12,999	24.2%	N/A	24.2%	N/A						
10	Orange Blossom PV Solar												
11	Solar		12,600					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	74.5	12,600	23.5%	N/A	23.5%	N/A						
13	Palm Bay PV Solar												
14	Solar		12,644					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	12,644	23.6%	N/A	23.6%	N/A						
16	Pea Ridge												
17	Gas		33					0	0	0	0	0.00	0.00
18	Plant Unit Info	12.0	33	0.4%	93.3%	0.4%	N/A						
19	Pelican PV Solar												
20	Solar		12,619					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	12,619	23.5%	N/A	23.5%	N/A						
22	Perdido												
23	Gas		1,836				11,064	19,824	1,024,700	20,314	2,652,001	144.44	3.72
24	Plant Unit Info	3.0	1,836	85.0%	100.0%	85.0%	11,064			20,314	2,652,001	144.44	
25	Pioneer Trail PV Solar												
26	Solar		12,656					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	12,656	23.6%	N/A	23.6%	N/A						
28	Port Everglades 5												
29	Light Oil		9,405				6,362	10,263	5,829,998	59,831	792,821	8.43	77.25
30	Gas		789,026				6,362	4,898,747	1,024,700	5,019,746	37,537,685	4.76	7.14
31	Plant Unit Info	1,254.0	798,430	88.4%	93.0%	96.5%	6,362			5,079,577	38,330,506	4.80	
32	Riviera 5												
33	Light Oil		0				0	0	0	0	0	0.00	0.00
34	Gas		588,840				6,673	3,834,560	1,024,700	3,929,274	30,924,350	5.25	7.39
35	Plant Unit Info	1,308.0	588,840	62.5%	93.4%	67.8%	6,673			3,929,274	30,924,350	5.25	

FLORIDA POWER & LIGHT COMPANY
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Rodeo PV Solar												
2	Solar		13,105					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	13,105	24.4%	N/A	24.4%	N/A						
4	Sabal Palm PV Solar												
5	Solar		12,565					N/A	N/A	N/A	N/A	N/A	N/A
6	Plant Unit Info	74.5	12,565	23.4%	N/A	23.4%	N/A						
7	Sanford 4												
8	Gas		513,637				6,934	3,475,480	1,024,700	3,561,324	28,247,152	5.50	7.39
9	Plant Unit Info	1,135.0	513,637	62.9%	94.1%	67.7%	6,934			3,561,324	28,247,152	5.50	
10	Sanford 5												
11	Gas		518,690				6,946	3,515,819	1,024,700	3,602,660	28,543,437	5.50	7.39
12	Plant Unit Info	1,135.0	518,690	63.5%	94.1%	68.4%	6,946			3,602,660	28,543,437	5.50	
13	Sawgrass PV Solar												
14	Solar		11,921					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	11,921	22.2%	N/A	22.2%	N/A						
16	Scherer 3												
17	Light Oil		0				0	0	0	0	0	0.00	0.00
18	Coal		144,445				10,450	88,789	16,999,999	1,509,407	5,000,238	3.46	56.32
19	Plant Unit Info	215.0	144,445	93.3%	93.7%	100.0%	10,450			1,509,407	5,000,238	3.46	
20	Smith 3												
21	Gas		205,576				7,066	1,417,671	1,024,700	1,452,687	13,170,380	6.41	7.47
22	Plant Unit Info	644.0	205,576	44.3%	63.9%	70.7%	7,066			1,452,687	13,170,380	6.41	
23	Smith A												
24	Light Oil		0				0	0	0	0	0	0.00	0.00
25	Plant Unit Info	32.0	0	N/A	70.0%	N/A	N/A						
26	Southfork PV Solar												
27	Solar		15,287					N/A	N/A	N/A	N/A	N/A	N/A
28	Plant Unit Info	74.5	15,287	28.5%	N/A	28.5%	N/A						
29	Space Coast PV Solar												
30	Solar		1,396					N/A	N/A	N/A	N/A	N/A	N/A
31	Plant Unit Info	10.0	1,396	19.4%	N/A	19.4%	N/A						
32	St. Lucie 1												
33	Nuclear		45,909				10,560	484,793	1,000,000	484,793	235,173	0.51	0.49
34	Plant Unit Info	981.0	45,909	4.2%	4.2%	100.0%	10,560			484,793	235,173	0.51	
35	St. Lucie 2												

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Nuclear		589,673				10,496	6,189,033	1,000,000	6,189,033	2,660,047	0.45	0.43
2	Plant Unit Info	840.0	589,673	97.5%	97.5%	100.0%	10,496			6,189,033	2,660,047	0.45	
3	Sundew PV Solar												
4	Solar		12,149					N/A	N/A	N/A	N/A	N/A	N/A
5	Plant Unit Info	74.5	12,149	22.7%	N/A	22.7%	N/A						
6	Sunshine Gateway PV Solar												
7	Solar		13,072					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	13,072	24.4%	N/A	24.4%	N/A						
9	Sweetbay PV Solar												
10	Solar		11,496					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	11,496	21.4%	N/A	21.4%	N/A						
12	Trailside PV Solar												
13	Solar		12,734					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	12,734	23.7%	N/A	23.7%	N/A						
15	Turkey Point 3												
16	Nuclear		587,574				10,818	6,356,611	1,000,000	6,356,611	3,145,251	0.54	0.49
17	Plant Unit Info	837.0	587,574	97.5%	97.5%	100.0%	10,818			6,356,611	3,145,251	0.54	
18	Turkey Point 4												
19	Nuclear		592,488				10,729	6,356,626	1,000,000	6,356,626	3,071,522	0.52	0.48
20	Plant Unit Info	844.0	592,488	97.5%	97.5%	100.0%	10,729			6,356,626	3,071,522	0.52	
21	Turkey Point 5												
22	Light Oil		0				0	0	0	0	0	0.00	0.00
23	Gas		539,228				6,924	3,643,427	1,024,700	3,733,420	28,576,931	5.30	7.14
24	Plant Unit Info	1,256.0	539,228	59.6%	93.9%	64.1%	6,924			3,733,420	28,576,931	5.30	
25	Twin Lakes PV Solar												
26	Solar		13,169					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	13,169	24.6%	N/A	24.6%	N/A						
28	Union Springs PV Solar												
29	Solar		12,658					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	12,658	23.6%	N/A	23.6%	N/A						
31	West County 1												
32	Light Oil		0				0	0	0	0	0	0.00	0.00
33	Gas		474,928				6,771	3,138,064	1,024,700	3,215,574	24,227,231	5.10	6.90
34	Plant Unit Info	1,223.0	474,928	53.9%	75.9%	73.5%	6,771			3,215,574	24,227,231	5.10	
35	West County 2												

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ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Light Oil		0				0	0	0	0	0	0.00	0.00
2	Gas		687,810				6,645	4,460,338	1,024,700	4,570,508	33,349,057	4.85	6.90
3	Plant Unit Info	1,223.0	687,810	78.1%	93.7%	86.3%	6,645			4,570,508	33,349,057	4.85	
4	West County 3												
5	Light Oil		0				0	0	0	0	0	0.00	0.00
6	Gas		777,614				6,583	4,995,306	1,024,700	5,118,690	37,041,145	4.76	6.90
7	Plant Unit Info	1,228.0	777,614	88.0%	93.7%	95.6%	6,583			5,118,690	37,041,145	4.76	
8	Wildflower PV Solar												
9	Solar		13,289					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	13,289	24.8%	N/A	24.8%	N/A						
11	Willow PV Solar												
12	Solar		12,906					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	12,906	24.1%	N/A	24.1%	N/A						
14	_System Totals												
15	Plant Unit Info	32,723	12,284,857				7,067			86,813,672	562,300,505	4.58	N/A
16	Total												
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
32													
33													
34													
35													

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Oct - 2022												
2	Babcock Preserve PV Solar												
3	Solar		13,778					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	13,778	24.9%	N/A	24.9%	N/A						
5	Babcock Ranch PV Solar												
6	Solar		14,092					N/A	N/A	N/A	N/A	N/A	N/A
7	Plant Unit Info	74.5	14,092	25.4%	N/A	25.4%	N/A						
8	Barefoot Bay PV Solar												
9	Solar		13,583					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	13,583	24.5%	N/A	24.5%	N/A						
11	Blue Cypress PV Solar												
12	Solar		12,887					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	12,887	23.3%	N/A	23.3%	N/A						
14	Blue Heron PV Solar												
15	Solar		13,561					N/A	N/A	N/A	N/A	N/A	N/A
16	Plant Unit Info	74.5	13,561	24.5%	N/A	24.5%	N/A						
17	Blue Indigo PV Solar												
18	Solar		14,497					N/A	N/A	N/A	N/A	N/A	N/A
19	Plant Unit Info	74.5	14,497	26.2%	N/A	26.2%	N/A						
20	Blue Springs PV Solar												
21	Solar		12,743					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	12,743	23.0%	N/A	23.0%	N/A						
23	Cape Canaveral 3												
24	Light Oil		0				0	0	0	0	0	0.00	0.00
25	Gas		111,061				6,719	728,268	1,024,700	746,256	7,923,605	7.13	7.36
26	Plant Unit Info	1,308.0	111,061	11.4%	16.0%	82.4%	6,719			746,256	7,923,605	7.13	
27	Cattle Ranch PV Solar												
28	Solar		12,970					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	12,970	23.4%	N/A	23.4%	N/A						
30	Citrus PV Solar												
31	Solar		13,732					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	13,732	24.8%	N/A	24.8%	N/A						
33	Coral Farms PV Solar												
34	Solar		13,231					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	13,231	23.9%	N/A	23.9%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Cotton Creek PV Solar												
2	Solar		13,333					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	13,333	24.1%	N/A	24.1%	N/A						
4	Dania Beach 7												
5	Gas		638,656				6,388	3,981,445	1,024,700	4,079,787	30,866,513	4.83	7.11
6	Plant Unit Info	1,101.0	638,656	78.0%	96.8%	82.1%	6,388			4,079,787	30,866,513	4.83	
7	Daniel 1												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Coal											N/A	0.00
10	Plant Unit Info	251.0	0	N/A	N/A	N/A	N/A						
11	Daniel 2												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Coal											N/A	0.00
14	Plant Unit Info	251.0	0	N/A	64.6%	N/A	N/A						
15	Desoto PV Solar												
16	Solar		3,711					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	25.0	3,711	20.0%	N/A	20.0%	N/A						
18	Discovery PV Solar												
19	Solar		11,456					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	11,456	20.7%	N/A	20.7%	N/A						
21	Echo River PV Solar												
22	Solar		14,519					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	14,519	26.2%	N/A	26.2%	N/A						
24	Egret PV Solar												
25	Solar		11,950					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	11,950	21.6%	N/A	21.6%	N/A						
27	Elder Branch PV Solar												
28	Solar		13,354					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	13,354	24.1%	N/A	24.1%	N/A						
30	Fort Drum PV Solar												
31	Solar		11,966					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	11,966	21.6%	N/A	21.6%	N/A						
33	Fort Myers 2												
34	Gas		775,982				7,055	5,342,904	1,024,700	5,474,874	41,665,181	5.37	7.32
35	Plant Unit Info	1,700.0	775,982	61.4%	92.7%	66.8%	7,055			5,474,874	41,665,181	5.37	

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Fort Myers 3A												
2	Light Oil		0				0	0	0	0	0	0.00	0.00
3	Gas		0					0	0	0	0	0.00	0.00
4	Plant Unit Info	166.0	0	N/A	48.6%	N/A	N/A						
5	Fort Myers 3B												
6	Light Oil		0				0	0	0	0	0	0.00	0.00
7	Gas		5,775				11,325	63,827	1,024,700	65,404	3,035,347	52.56	7.38
8	Plant Unit Info	166.0	5,775	4.7%	55.0%	8.9%	11,325			65,404	3,035,347	52.56	
9	Fort Myers 3C												
10	Light Oil		0				0	0	0	0	0	0.00	0.00
11	Gas		1,007				10,549	10,367	1,024,700	10,623	2,640,918	262.26	7.38
12	Plant Unit Info	219.0	1,007	0.6%	48.6%	1.3%	10,549			10,623	2,640,918	262.26	
13	Fort Myers 3D												
14	Light Oil		0				0	0	0	0	0	0.00	0.00
15	Gas		8,458				10,465	86,382	1,024,700	88,516	3,202,235	37.86	7.38
16	Plant Unit Info	219.0	8,458	5.2%	48.6%	11.1%	10,465			88,516	3,202,235	37.86	
17	Fort Myers GT												
18	Light Oil		0				0	0	0	0	0	0.00	0.00
19	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
20	GCEC 4												
21	Light Oil		0				0	0	0	0	0	0.00	0.00
22	Gas		3,142				13,564	41,592	1,024,700	42,619	2,824,154	89.88	6.24
23	Plant Unit Info	75.0	3,142	5.6%	93.8%	6.0%	13,564			42,619	2,824,154	89.88	
24	GCEC 5												
25	Light Oil		0				0	0	0	0	0	0.00	0.00
26	Gas		3,509				12,915	44,227	1,024,700	45,319	2,842,919	81.02	6.30
27	Plant Unit Info	75.0	3,509	6.3%	93.8%	6.7%	12,915			45,319	2,842,919	81.02	
28	GCEC 6												
29	Gas		5,061				11,671	57,643	1,024,700	59,067	2,985,806	59.00	7.31
30	Plant Unit Info	315.0	5,061	2.2%	42.0%	5.2%	11,671			59,067	2,985,806	59.00	
31	GCEC 7												
32	Gas		40,904				10,887	434,570	1,024,700	445,304	5,734,655	14.02	7.30
33	Plant Unit Info	496.0	40,904	11.1%	93.6%	11.9%	10,887			445,304	5,734,655	14.02	
34	GCEC 8A												
35	Light Oil		0				0	0	0	0	0	0.00	0.00

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		15,612				11,148	169,855	1,024,700	174,050	3,804,927	24.37	7.30
2	Plant Unit Info	233.0	15,612	9.0%	96.9%	9.0%	11,148			174,050	3,804,927	24.37	
3	GCEC 8B												
4	Light Oil		0				0	0	0	0	0	0.00	0.00
5	Gas		14,727				11,013	158,279	1,024,700	162,188	3,720,314	25.26	7.30
6	Plant Unit Info	233.0	14,727	8.5%	96.9%	8.5%	11,013			162,188	3,720,314	25.26	
7	GCEC 8C												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Gas		10,116				11,246	111,023	1,024,700	113,765	3,377,796	33.39	7.33
10	Plant Unit Info	228.0	10,116	6.0%	96.9%	6.0%	11,246			113,765	3,377,796	33.39	
11	GCEC 8D												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		8,174				11,389	90,846	1,024,700	93,090	3,227,362	39.48	7.30
14	Plant Unit Info	228.0	8,174	4.8%	96.9%	4.8%	11,389			93,090	3,227,362	39.48	
15	Ghost Orchid PV Solar												
16	Solar		12,238					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	12,238	22.1%	N/A	22.1%	N/A						
18	Grove PV Solar												
19	Solar		11,873					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	11,873	21.4%	N/A	21.4%	N/A						
21	Hammock PV Solar												
22	Solar		13,352					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	13,352	24.1%	N/A	24.1%	N/A						
24	Hibiscus PV Solar												
25	Solar		13,102					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	13,102	23.6%	N/A	23.6%	N/A						
27	Horizon PV Solar												
28	Solar		13,337					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	13,337	24.1%	N/A	24.1%	N/A						
30	Immokalee PV Solar												
31	Solar		12,659					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	12,659	22.8%	N/A	22.8%	N/A						
33	Indian River PV Solar												
34	Solar		12,870					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	12,870	23.2%	N/A	23.2%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Interstate PV Solar												
2	Solar		13,139					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	13,139	23.7%	N/A	23.7%	N/A						
4	Lakeside PV Solar												
5	Solar		12,527					N/A	N/A	N/A	N/A	N/A	N/A
6	Plant Unit Info	74.5	12,527	22.6%	N/A	22.6%	N/A						
7	Lauderdale 1-12												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Gas		0					0	0	0	0	0.00	0.00
10	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
11	Lauderdale 6A												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		7,291				11,093	78,929	1,024,700	80,879	3,125,492	42.87	7.11
14	Plant Unit Info	216.0	7,291	4.5%	93.7%	4.9%	11,093			80,879	3,125,492	42.87	
15	Lauderdale 6B												
16	Light Oil		0				0	0	0	0	0	0.00	0.00
17	Gas		5,590				11,313	61,715	1,024,700	63,239	3,003,123	53.72	7.11
18	Plant Unit Info	216.0	5,590	3.5%	80.8%	4.4%	11,313			63,239	3,003,123	53.72	
19	Lauderdale 6C												
20	Light Oil		0				0	0	0	0	0	0.00	0.00
21	Gas		7,050				11,510	79,188	1,024,700	81,144	3,127,328	44.36	7.11
22	Plant Unit Info	216.0	7,050	4.4%	93.7%	4.8%	11,510			81,144	3,127,328	44.36	
23	Lauderdale 6D												
24	Light Oil		0				0	0	0	0	0	0.00	0.00
25	Gas		5,166				11,252	56,728	1,024,700	58,129	2,967,676	57.45	7.11
26	Plant Unit Info	216.0	5,166	3.2%	93.7%	3.5%	11,252			58,129	2,967,676	57.45	
27	Lauderdale 6E												
28	Light Oil		26				11,433	51	5,829,771	300	3,991	15.21	77.56
29	Gas		4,811				11,432	53,673	1,024,700	54,999	2,945,962	61.24	7.11
30	Plant Unit Info	216.0	4,837	3.0%	93.7%	3.3%	11,432			55,299	2,949,954	60.99	
31	Loggerhead PV Solar												
32	Solar		12,927					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	12,927	23.3%	N/A	23.3%	N/A						
34	Magnolia Springs PV Solar												
35	Solar		11,992					N/A	N/A	N/A	N/A	N/A	N/A

FLORIDA POWER & LIGHT COMPANY
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GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	74.5	11,992	21.6%	N/A	21.6%	N/A						
2	Manatee 1												
3	Heavy Oil											N/A	0.00
4	Gas		0					0	0	0	0	0.00	0.00
5	Plant Unit Info	797.0	0	N/A	N/A	N/A	N/A						
6	Manatee 2												
7	Heavy Oil											N/A	0.00
8	Gas		0					0	0	0	0	0.00	0.00
9	Plant Unit Info	797.0	0	N/A	N/A	N/A	N/A						
10	Manatee 3												
11	Gas		622,762				6,852	4,164,573	1,024,700	4,267,438	31,195,452	5.01	6.87
12	Plant Unit Info	1,223.0	622,762	68.4%	93.9%	73.7%	6,852			4,267,438	31,195,452	5.01	
13	Manatee PV Solar												
14	Solar		14,197					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	14,197	25.6%	N/A	25.6%	N/A						
16	Martin 3												
17	Gas		21,744				8,147	172,868	1,024,700	177,138	3,772,843	17.35	6.99
18	Plant Unit Info	459.0	21,744	6.4%	22.9%	30.6%	8,147			177,138	3,772,843	17.35	
19	Martin 4												
20	Gas		139,804				7,453	1,016,803	1,024,700	1,041,918	9,654,167	6.91	6.97
21	Plant Unit Info	459.0	139,804	40.9%	71.3%	58.1%	7,453			1,041,918	9,654,167	6.91	
22	Martin 8												
23	Light Oil		0				0	0	0	0	0	0.00	0.00
24	Gas		593,831				6,929	4,015,733	1,024,700	4,114,922	30,211,928	5.09	6.88
25	Plant Unit Info	1,218.0	593,831	65.5%	93.5%	70.8%	6,929			4,114,922	30,211,928	5.09	
26	Martin 8 Solar												
27	Solar		9,114					N/A	N/A	N/A	N/A	N/A	N/A
28	Plant Unit Info	75.0	9,114	22.3%	97.4%	23.1%	N/A						
29	Miami-Dade PV Solar												
30	Solar		12,904					N/A	N/A	N/A	N/A	N/A	N/A
31	Plant Unit Info	74.5	12,904	23.3%	N/A	23.3%	N/A						
32	Nassau PV Solar												
33	Solar		11,399					N/A	N/A	N/A	N/A	N/A	N/A
34	Plant Unit Info	74.5	11,399	20.6%	N/A	20.6%	N/A						
35	Northern Preserve PV Solar												

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FUEL COST RECOVERY CLAUSE
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Solar		11,405					N/A	N/A	N/A	N/A	N/A	N/A
2	Plant Unit Info	74.5	11,405	20.6%	N/A	20.6%	N/A						
3	Okeechobee 1												
4	Light Oil		0				0	0	0	0	0	0.00	0.00
5	Gas		814,873				6,384	5,076,568	1,024,700	5,201,959	40,522,151	4.97	7.48
6	Plant Unit Info	1,570.0	814,873	69.8%	93.0%	76.9%	6,384			5,201,959	40,522,151	4.97	
7	Okeechobee PV Solar												
8	Solar		13,190					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	13,190	23.8%	N/A	23.8%	N/A						
10	Orange Blossom PV Solar												
11	Solar		12,461					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	74.5	12,461	22.5%	N/A	22.5%	N/A						
13	Palm Bay PV Solar												
14	Solar		12,513					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	12,513	22.6%	N/A	22.6%	N/A						
16	Pea Ridge												
17	Gas		0					0	0	0	0	0.00	0.00
18	Plant Unit Info	12.0	0	N/A	93.3%	N/A	N/A						
19	Pelican PV Solar												
20	Solar		12,477					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	12,477	22.5%	N/A	22.5%	N/A						
22	Perdido												
23	Gas		1,897				11,065	20,485	1,024,700	20,991	2,640,645	139.20	3.72
24	Plant Unit Info	3.0	1,897	85.0%	100.0%	85.0%	11,065			20,991	2,640,645	139.20	
25	Pioneer Trail PV Solar												
26	Solar		12,621					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	12,621	22.8%	N/A	22.8%	N/A						
28	Port Everglades 5												
29	Light Oil		16,546				6,376	18,096	5,829,999	105,502	1,991,553	12.04	110.05
30	Gas		794,216				6,376	4,941,985	1,024,700	5,064,052	37,694,531	4.75	7.11
31	Plant Unit Info	1,254.0	810,762	86.9%	93.0%	94.8%	6,376			5,169,554	39,686,084	4.89	
32	Riviera 5												
33	Light Oil		0				0	0	0	0	0	0.00	0.00
34	Gas		483,615				6,735	3,178,762	1,024,700	3,257,277	25,841,359	5.34	7.32
35	Plant Unit Info	1,308.0	483,615	49.7%	93.4%	53.9%	6,735			3,257,277	25,841,359	5.34	

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Rodeo PV Solar												
2	Solar		12,869					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	12,869	23.2%	N/A	23.2%	N/A						
4	Sabal Palm PV Solar												
5	Solar		12,605					N/A	N/A	N/A	N/A	N/A	N/A
6	Plant Unit Info	74.5	12,605	22.7%	N/A	22.7%	N/A						
7	Sanford 4												
8	Gas		389,044				7,086	2,690,314	1,024,700	2,756,765	22,315,673	5.74	7.34
9	Plant Unit Info	1,135.0	389,044	46.1%	94.1%	49.6%	7,086			2,756,765	22,315,673	5.74	
10	Sanford 5												
11	Gas		288,029				7,085	1,991,505	1,024,700	2,040,695	17,122,824	5.94	7.31
12	Plant Unit Info	1,135.0	288,029	34.1%	54.6%	64.0%	7,085			2,040,695	17,122,824	5.94	
13	Sawgrass PV Solar												
14	Solar		12,130					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	12,130	21.9%	N/A	21.9%	N/A						
16	Scherer 3												
17	Light Oil		0				0	0	0	0	0	0.00	0.00
18	Coal		148,258				10,453	91,161	17,000,000	1,549,729	5,187,916	3.50	56.91
19	Plant Unit Info	215.0	148,258	92.7%	93.7%	99.3%	10,453			1,549,729	5,187,916	3.50	
20	Smith 3												
21	Gas		227,723				7,089	1,575,486	1,024,700	1,614,400	14,292,738	6.28	7.44
22	Plant Unit Info	644.0	227,723	47.5%	93.9%	51.3%	7,089			1,614,400	14,292,738	6.28	
23	Smith A												
24	Light Oil		0				0	0	0	0	0	0.00	0.00
25	Plant Unit Info	32.0	0	N/A	100.0%	N/A	N/A						
26	Southfork PV Solar												
27	Solar		15,508					N/A	N/A	N/A	N/A	N/A	N/A
28	Plant Unit Info	74.5	15,508	28.0%	N/A	28.0%	N/A						
29	Space Coast PV Solar												
30	Solar		1,427					N/A	N/A	N/A	N/A	N/A	N/A
31	Plant Unit Info	10.0	1,427	19.2%	N/A	19.2%	N/A						
32	St. Lucie 1												
33	Nuclear		665,679				10,560	7,029,509	1,000,000	7,029,509	3,202,644	0.48	0.46
34	Plant Unit Info	981.0	665,679	91.1%	91.0%	100.0%	10,560			7,029,509	3,202,644	0.48	
35	St. Lucie 2												

FLORIDA POWER & LIGHT COMPANY
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Nuclear		609,329				10,496	6,395,334	1,000,000	6,395,334	2,748,714	0.45	0.43
2	Plant Unit Info	840.0	609,329	97.5%	97.5%	100.0%	10,496			6,395,334	2,748,714	0.45	
3	Sundew PV Solar												
4	Solar		12,020					N/A	N/A	N/A	N/A	N/A	N/A
5	Plant Unit Info	74.5	12,020	21.7%	N/A	21.7%	N/A						
6	Sunshine Gateway PV Solar												
7	Solar		13,240					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	13,240	23.9%	N/A	23.9%	N/A						
9	Sweetbay PV Solar												
10	Solar		11,464					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	11,464	20.7%	N/A	20.7%	N/A						
12	Trailside PV Solar												
13	Solar		11,895					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	11,895	21.5%	N/A	21.5%	N/A						
15	Turkey Point 3												
16	Nuclear		607,160				10,818	6,568,498	1,000,000	6,568,498	3,250,093	0.54	0.49
17	Plant Unit Info	837.0	607,160	97.5%	97.5%	100.0%	10,818			6,568,498	3,250,093	0.54	
18	Turkey Point 4												
19	Nuclear		612,238				10,729	6,568,514	1,000,000	6,568,514	3,290,825	0.54	0.50
20	Plant Unit Info	844.0	612,238	97.5%	97.5%	100.0%	10,729			6,568,514	3,290,825	0.54	
21	Turkey Point 5												
22	Light Oil		85				6,978	101	5,830,127	591	10,646	12.57	105.02
23	Gas		425,868				6,978	2,900,025	1,024,700	2,971,656	23,179,143	5.44	7.11
24	Plant Unit Info	1,256.0	425,953	45.6%	93.9%	49.0%	6,978			2,972,247	23,189,789	5.44	
25	Twin Lakes PV Solar												
26	Solar		12,658					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	12,658	22.8%	N/A	22.8%	N/A						
28	Union Springs PV Solar												
29	Solar		12,123					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	12,123	21.9%	N/A	21.9%	N/A						
31	West County 1												
32	Light Oil		0				0	0	0	0	0	0.00	0.00
33	Gas		341,057				6,828	2,272,542	1,024,700	2,328,674	18,160,008	5.32	6.86
34	Plant Unit Info	1,223.0	341,057	37.5%	52.9%	74.5%	6,828			2,328,674	18,160,008	5.32	
35	West County 2												

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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Light Oil		0				0	0	0	0	0	0.00	0.00
2	Gas		700,622				6,661	4,554,563	1,024,700	4,667,061	33,820,049	4.83	6.86
3	Plant Unit Info	1,223.0	700,622	77.0%	93.7%	85.1%	6,661			4,667,061	33,820,049	4.83	
4	West County 3												
5	Light Oil		0				0	0	0	0	0	0.00	0.00
6	Gas		816,619				6,572	5,237,432	1,024,700	5,366,797	38,507,447	4.72	6.86
7	Plant Unit Info	1,228.0	816,619	89.4%	93.7%	97.2%	6,572			5,366,797	38,507,447	4.72	
8	Wildflower PV Solar												
9	Solar		14,046					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	14,046	25.3%	N/A	25.3%	N/A						
11	Willow PV Solar												
12	Solar		12,742					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	12,742	23.0%	N/A	23.0%	N/A						
14	_System Totals												
15	Plant Unit Info	32,723	11,625,504				7,316			85,048,972	501,638,660	4.31	N/A
16	Total												
17													
18													
19													
20													
21													
22													
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35													

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Nov - 2022												
2	Babcock Preserve PV Solar												
3	Solar		12,549					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	12,549	23.4%	N/A	23.4%	N/A						
5	Babcock Ranch PV Solar												
6	Solar		12,734					N/A	N/A	N/A	N/A	N/A	N/A
7	Plant Unit Info	74.5	12,734	23.7%	N/A	23.7%	N/A						
8	Barefoot Bay PV Solar												
9	Solar		11,883					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	11,883	22.2%	N/A	22.2%	N/A						
11	Blue Cypress PV Solar												
12	Solar		11,377					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	11,377	21.2%	N/A	21.2%	N/A						
14	Blue Heron PV Solar												
15	Solar		12,696					N/A	N/A	N/A	N/A	N/A	N/A
16	Plant Unit Info	74.5	12,696	23.7%	N/A	23.7%	N/A						
17	Blue Indigo PV Solar												
18	Solar		11,310					N/A	N/A	N/A	N/A	N/A	N/A
19	Plant Unit Info	74.5	11,310	21.1%	N/A	21.1%	N/A						
20	Blue Springs PV Solar												
21	Solar		9,942					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	9,942	18.5%	N/A	18.5%	N/A						
23	Cape Canaveral 3												
24	Light Oil		0				0	0	0	0	0	0.00	0.00
25	Gas		231,564				6,737	1,522,439	1,024,700	1,560,043	13,750,897	5.94	7.30
26	Plant Unit Info	1,326.0	231,564	24.3%	46.8%	54.4%	6,737			1,560,043	13,750,897	5.94	
27	Cattle Ranch PV Solar												
28	Solar		10,784					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	10,784	20.1%	N/A	20.1%	N/A						
30	Citrus PV Solar												
31	Solar		12,259					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	12,259	22.9%	N/A	22.9%	N/A						
33	Coral Farms PV Solar												
34	Solar		11,685					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	11,685	21.8%	N/A	21.8%	N/A						

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FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Cotton Creek PV Solar												
2	Solar		11,130					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	11,130	20.8%	N/A	20.8%	N/A						
4	Dania Beach 7												
5	Gas		576,694				6,419	3,612,486	1,024,700	3,701,714	28,629,358	4.96	7.20
6	Plant Unit Info	1,136.0	576,694	70.5%	96.8%	74.2%	6,419			3,701,714	28,629,358	4.96	
7	Daniel 1												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Coal		6,951				13,238	5,413	17,000,004	92,020	342,305	4.92	63.24
10	Plant Unit Info	251.0	6,951	3.9%	43.6%	8.8%	13,238			92,020	342,305	4.92	
11	Daniel 2												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Coal		5,611				15,150	5,001	16,999,998	85,009	316,225	5.64	63.24
14	Plant Unit Info	251.0	5,611	3.1%	93.6%	3.3%	15,150			85,009	316,225	5.64	
15	Desoto PV Solar												
16	Solar		3,177					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	25.0	3,177	17.7%	N/A	17.7%	N/A						
18	Discovery PV Solar												
19	Solar		9,611					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	9,611	17.9%	N/A	17.9%	N/A						
21	Echo River PV Solar												
22	Solar		11,826					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	11,826	22.1%	N/A	22.1%	N/A						
24	Egret PV Solar												
25	Solar		9,514					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	9,514	17.7%	N/A	17.7%	N/A						
27	Elder Branch PV Solar												
28	Solar		11,267					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	11,267	21.0%	N/A	21.0%	N/A						
30	Fort Drum PV Solar												
31	Solar		10,294					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	10,294	19.2%	N/A	19.2%	N/A						
33	Fort Myers 2												
34	Gas		704,967				7,048	4,848,785	1,024,700	4,968,550	38,014,649	5.39	7.30
35	Plant Unit Info	1,740.0	704,967	56.3%	75.5%	75.5%	7,048			4,968,550	38,014,649	5.39	

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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Fort Myers 3A												
2	Light Oil		0				0	0	0	0	0	0.00	0.00
3	Gas		3,487				10,862	36,963	1,024,700	37,876	2,906,914	83.36	7.35
4	Plant Unit Info	193.0	3,487	2.5%	93.7%	2.8%	10,862			37,876	2,906,914	83.36	
5	Fort Myers 3B												
6	Light Oil		0				0	0	0	0	0	0.00	0.00
7	Gas		3,487				10,862	36,963	1,024,700	37,876	2,907,056	83.37	7.35
8	Plant Unit Info	193.0	3,487	2.5%	93.7%	2.8%	10,862			37,876	2,907,056	83.37	
9	Fort Myers 3C												
10	Light Oil		0				0	0	0	0	0	0.00	0.00
11	Gas		3,568				11,219	39,065	1,024,700	40,030	2,921,838	81.89	7.34
12	Plant Unit Info	221.0	3,568	2.2%	93.7%	2.4%	11,219			40,030	2,921,838	81.89	
13	Fort Myers 3D												
14	Light Oil		0				0	0	0	0	0	0.00	0.00
15	Gas		4,065				10,576	41,956	1,024,700	42,992	2,942,280	72.38	7.32
16	Plant Unit Info	221.0	4,065	2.6%	93.7%	2.8%	10,576			42,992	2,942,280	72.38	
17	Fort Myers GT												
18	Light Oil		0				0	0	0	0	0	0.00	0.00
19	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
20	GCEC 4												
21	Light Oil		0				0	0	0	0	0	0.00	0.00
22	Gas		0					0	0	0	0	0.00	0.00
23	Plant Unit Info	75.0	0	N/A	93.8%	N/A	N/A						
24	GCEC 5												
25	Light Oil		0				0	0	0	0	0	0.00	0.00
26	Gas		0					0	0	0	0	0.00	0.00
27	Plant Unit Info	75.0	0	N/A	93.8%	N/A	N/A						
28	GCEC 6												
29	Gas		13,258				11,305	146,272	1,024,700	149,885	3,699,844	27.91	7.28
30	Plant Unit Info	315.0	13,258	5.9%	93.6%	6.3%	11,305			149,885	3,699,844	27.91	
31	GCEC 7												
32	Gas		11,001				11,874	127,475	1,024,700	130,624	3,561,724	32.38	7.27
33	Plant Unit Info	496.0	11,001	3.1%	93.6%	3.3%	11,874			130,624	3,561,724	32.38	
34	GCEC 8A												
35	Light Oil		0				0	0	0	0	0	0.00	0.00

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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		3,563				11,131	38,704	1,024,700	39,660	2,917,907	81.89	7.30
2	Plant Unit Info	224.0	3,563	2.2%	73.6%	2.9%	11,131			39,660	2,917,907	81.89	
3	GCEC 8B												
4	Light Oil		0				0	0	0	0	0	0.00	0.00
5	Gas		3,820				11,650	43,431	1,024,700	44,504	2,951,539	77.27	7.28
6	Plant Unit Info	224.0	3,820	2.4%	86.9%	2.6%	11,650			44,504	2,951,539	77.27	
7	GCEC 8C												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Gas		3,509				11,171	38,254	1,024,700	39,199	2,913,292	83.02	7.27
10	Plant Unit Info	220.0	3,509	2.2%	96.9%	2.2%	11,171			39,199	2,913,292	83.02	
11	GCEC 8D												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		3,991				11,493	44,763	1,024,700	45,869	2,962,574	74.23	7.31
14	Plant Unit Info	220.0	3,991	2.5%	96.9%	2.5%	11,493			45,869	2,962,574	74.23	
15	Ghost Orchid PV Solar												
16	Solar		11,123					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	11,123	20.7%	N/A	20.7%	N/A						
18	Grove PV Solar												
19	Solar		10,456					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	10,456	19.5%	N/A	19.5%	N/A						
21	Hammock PV Solar												
22	Solar		12,133					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	12,133	22.6%	N/A	22.6%	N/A						
24	Hibiscus PV Solar												
25	Solar		11,849					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	11,849	22.1%	N/A	22.1%	N/A						
27	Horizon PV Solar												
28	Solar		11,810					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	11,810	22.0%	N/A	22.0%	N/A						
30	Immokalee PV Solar												
31	Solar		11,557					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	11,557	21.6%	N/A	21.6%	N/A						
33	Indian River PV Solar												
34	Solar		11,320					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	11,320	21.1%	N/A	21.1%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Interstate PV Solar												
2	Solar		11,551					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	11,551	21.5%	N/A	21.5%	N/A						
4	Lakeside PV Solar												
5	Solar		10,848					N/A	N/A	N/A	N/A	N/A	N/A
6	Plant Unit Info	74.5	10,848	20.2%	N/A	20.2%	N/A						
7	Lauderdale 1-12												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Gas		0					0	0	0	0	0.00	0.00
10	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
11	Lauderdale 6A												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		2,976				12,258	35,600	1,024,700	36,479	2,891,470	97.16	7.20
14	Plant Unit Info	218.0	2,976	1.9%	93.7%	2.1%	12,258			36,479	2,891,470	97.16	
15	Lauderdale 6B												
16	Light Oil		0				0	0	0	0	0	0.00	0.00
17	Gas		0					0	0	0	0	0.00	0.00
18	Plant Unit Info	218.0	0	N/A	60.4%	N/A	N/A						
19	Lauderdale 6C												
20	Light Oil		0				0	0	0	0	0	0.00	0.00
21	Gas		2,984				12,240	35,643	1,024,700	36,523	2,891,777	96.91	7.20
22	Plant Unit Info	218.0	2,984	1.9%	50.4%	3.9%	12,240			36,523	2,891,777	96.91	
23	Lauderdale 6D												
24	Light Oil		0				0	0	0	0	0	0.00	0.00
25	Gas		1,299				13,176	16,703	1,024,700	17,116	2,755,480	212.12	7.20
26	Plant Unit Info	218.0	1,299	0.8%	93.7%	0.9%	13,176			17,116	2,755,480	212.12	
27	Lauderdale 6E												
28	Light Oil		0				0	0	0	0	0	0.00	0.00
29	Gas		2,101				12,650	25,937	1,024,700	26,578	2,821,931	134.31	7.20
30	Plant Unit Info	218.0	2,101	1.3%	93.7%	1.5%	12,650			26,578	2,821,931	134.31	
31	Loggerhead PV Solar												
32	Solar		11,592					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	11,592	21.6%	N/A	21.6%	N/A						
34	Magnolia Springs PV Solar												
35	Solar		9,476					N/A	N/A	N/A	N/A	N/A	N/A

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	74.5	9,476	17.7%	N/A	17.7%	N/A						
2	Manatee 1												
3	Heavy Oil											N/A	0.00
4	Gas		0					0	0	0	0	0.00	0.00
5	Plant Unit Info	797.0	0	N/A	N/A	N/A	N/A						
6	Manatee 2												
7	Heavy Oil											N/A	0.00
8	Gas		0					0	0	0	0	0.00	0.00
9	Plant Unit Info	797.0	0	N/A	N/A	N/A	N/A						
10	Manatee 3												
11	Gas		582,884				6,826	3,882,623	1,024,700	3,978,524	30,394,804	5.21	7.15
12	Plant Unit Info	1,254.0	582,884	64.6%	93.9%	69.4%	6,826			3,978,524	30,394,804	5.21	
13	Manatee PV Solar												
14	Solar		12,504					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	12,504	23.3%	N/A	23.3%	N/A						
16	Martin 3												
17	Gas		0					0	0	0	0	0.00	0.00
18	Plant Unit Info	487.0	0	N/A	N/A	N/A	N/A						
19	Martin 4												
20	Gas		63,779				7,701	479,332	1,024,700	491,172	6,060,216	9.50	7.15
21	Plant Unit Info	487.0	63,779	18.2%	93.9%	19.5%	7,701			491,172	6,060,216	9.50	
22	Martin 8												
23	Light Oil		0				0	0	0	0	0	0.00	0.00
24	Gas		387,707				6,933	2,623,270	1,024,700	2,688,065	21,389,895	5.52	7.15
25	Plant Unit Info	1,258.0	387,707	42.8%	61.8%	70.2%	6,933			2,688,065	21,389,895	5.52	
26	Martin 8 Solar												
27	Solar		4,557					N/A	N/A	N/A	N/A	N/A	N/A
28	Plant Unit Info	75.0	4,557	11.5%	67.2%	17.3%	N/A						
29	Miami-Dade PV Solar												
30	Solar		12,154					N/A	N/A	N/A	N/A	N/A	N/A
31	Plant Unit Info	74.5	12,154	22.7%	N/A	22.7%	N/A						
32	Nassau PV Solar												
33	Solar		9,066					N/A	N/A	N/A	N/A	N/A	N/A
34	Plant Unit Info	74.5	9,066	16.9%	N/A	16.9%	N/A						
35	Northern Preserve PV Solar												

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Solar		9,814					N/A	N/A	N/A	N/A	N/A	N/A
2	Plant Unit Info	74.5	9,814	18.3%	N/A	18.3%	N/A						
3	Okeechobee 1												
4	Light Oil		0				0	0	0	0	0	0.00	0.00
5	Gas		456,297				6,461	2,877,229	1,024,700	2,948,297	24,580,090	5.39	7.63
6	Plant Unit Info	1,607.0	456,297	39.4%	55.2%	74.5%	6,461			2,948,297	24,580,090	5.39	
7	Okeechobee PV Solar												
8	Solar		11,672					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	11,672	21.8%	N/A	21.8%	N/A						
10	Orange Blossom PV Solar												
11	Solar		10,689					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	74.5	10,689	19.9%	N/A	19.9%	N/A						
13	Palm Bay PV Solar												
14	Solar		10,645					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	10,645	19.9%	N/A	19.9%	N/A						
16	Pea Ridge												
17	Gas		0					0	0	0	0	0.00	0.00
18	Plant Unit Info	13.5	0	N/A	94.0%	N/A	N/A						
19	Pelican PV Solar												
20	Solar		10,699					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	10,699	20.0%	N/A	20.0%	N/A						
22	Perdido												
23	Gas		1,836				11,064	19,824	1,024,700	20,314	2,709,008	147.55	3.72
24	Plant Unit Info	3.0	1,836	85.0%	100.0%	85.0%	11,064			20,314	2,709,008	147.55	
25	Pioneer Trail PV Solar												
26	Solar		11,288					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	11,288	21.0%	N/A	21.0%	N/A						
28	Port Everglades 5												
29	Light Oil		4,881				6,390	5,350	5,830,003	31,189	588,752	12.06	110.05
30	Gas		765,575				6,390	4,774,266	1,024,700	4,892,190	36,988,080	4.83	7.20
31	Plant Unit Info	1,283.0	770,456	83.4%	93.0%	90.9%	6,390			4,923,379	37,576,832	4.88	
32	Riviera 5												
33	Light Oil		0				0	0	0	0	0	0.00	0.00
34	Gas		240,677				6,805	1,598,428	1,024,700	1,637,909	14,295,068	5.94	7.29
35	Plant Unit Info	1,326.0	240,677	25.2%	44.5%	58.1%	6,805			1,637,909	14,295,068	5.94	

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Rodeo PV Solar												
2	Solar		10,677					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	10,677	19.9%	N/A	19.9%	N/A						
4	Sabal Palm PV Solar												
5	Solar		11,056					N/A	N/A	N/A	N/A	N/A	N/A
6	Plant Unit Info	74.5	11,056	20.6%	N/A	20.6%	N/A						
7	Sanford 4												
8	Gas		275,420				7,090	1,905,565	1,024,700	1,952,632	16,544,676	6.01	7.30
9	Plant Unit Info	1,180.0	275,420	32.4%	89.1%	36.9%	7,090			1,952,632	16,544,676	6.01	
10	Sanford 5												
11	Gas		409,861				6,990	2,795,684	1,024,700	2,864,737	23,029,854	5.62	7.30
12	Plant Unit Info	1,180.0	409,861	48.2%	94.1%	51.9%	6,990			2,864,737	23,029,854	5.62	
13	Sawgrass PV Solar												
14	Solar		11,020					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	11,020	20.5%	N/A	20.5%	N/A						
16	Scherer 3												
17	Light Oil		0				0	0	0	0	0	0.00	0.00
18	Coal		140,033				10,465	86,204	17,000,000	1,465,467	4,953,889	3.54	57.47
19	Plant Unit Info	215.0	140,033	90.5%	93.7%	96.9%	10,465			1,465,467	4,953,889	3.54	
20	Smith 3												
21	Gas		290,477				7,016	1,988,927	1,024,700	2,038,054	17,430,929	6.00	7.44
22	Plant Unit Info	634.0	290,477	63.6%	93.9%	68.7%	7,016			2,038,054	17,430,929	6.00	
23	Smith A												
24	Light Oil		0				0	0	0	0	0	0.00	0.00
25	Plant Unit Info	36.0	0	N/A	100.0%	N/A	N/A						
26	Southfork PV Solar												
27	Solar		13,176					N/A	N/A	N/A	N/A	N/A	N/A
28	Plant Unit Info	74.5	13,176	24.6%	N/A	24.6%	N/A						
29	Space Coast PV Solar												
30	Solar		1,238					N/A	N/A	N/A	N/A	N/A	N/A
31	Plant Unit Info	10.0	1,238	17.2%	N/A	17.2%	N/A						
32	St. Lucie 1												
33	Nuclear		704,107				10,328	7,272,230	1,000,000	7,272,230	3,313,228	0.47	0.46
34	Plant Unit Info	1,003.0	704,107	97.5%	97.5%	100.0%	10,328			7,272,230	3,313,228	0.47	
35	St. Lucie 2												

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Nuclear		603,745				10,257	6,192,435	1,000,000	6,192,435	2,661,508	0.44	0.43
2	Plant Unit Info	860.0	603,745	97.5%	97.5%	100.0%	10,257			6,192,435	2,661,508	0.44	
3	Sundew PV Solar												
4	Solar		10,627					N/A	N/A	N/A	N/A	N/A	N/A
5	Plant Unit Info	74.5	10,627	19.8%	N/A	19.8%	N/A						
6	Sunshine Gateway PV Solar												
7	Solar		11,802					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	11,802	22.0%	N/A	22.0%	N/A						
9	Sweetbay PV Solar												
10	Solar		10,125					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	10,125	18.9%	N/A	18.9%	N/A						
12	Trailside PV Solar												
13	Solar		9,459					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	9,459	17.6%	N/A	17.6%	N/A						
15	Turkey Point 3												
16	Nuclear		603,018				10,541	6,356,594	1,000,000	6,356,594	3,145,243	0.52	0.49
17	Plant Unit Info	859.0	603,018	97.5%	97.5%	100.0%	10,541			6,356,594	3,145,243	0.52	
18	Turkey Point 4												
19	Nuclear		607,932				10,456	6,356,598	1,000,000	6,356,598	3,184,656	0.52	0.50
20	Plant Unit Info	866.0	607,932	97.5%	97.5%	100.0%	10,456			6,356,598	3,184,656	0.52	
21	Turkey Point 5												
22	Light Oil		0				0	0	0	0	0	0.00	0.00
23	Gas		142,694				7,864	1,095,084	1,024,700	1,122,133	10,513,084	7.37	7.19
24	Plant Unit Info	1,294.0	142,694	15.3%	93.9%	16.4%	7,864			1,122,133	10,513,084	7.37	
25	Twin Lakes PV Solar												
26	Solar		10,089					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	10,089	18.8%	N/A	18.8%	N/A						
28	Union Springs PV Solar												
29	Solar		9,610					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	9,610	17.9%	N/A	17.9%	N/A						
31	West County 1												
32	Light Oil		0				0	0	0	0	0	0.00	0.00
33	Gas		323,496				6,711	2,118,503	1,024,700	2,170,830	17,772,129	5.49	7.15
34	Plant Unit Info	1,248.0	323,496	36.0%	48.2%	78.8%	6,711			2,170,830	17,772,129	5.49	
35	West County 2												

FLORIDA POWER & LIGHT COMPANY
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Light Oil		0				0	0	0	0	0	0.00	0.00
2	Gas		576,582				6,720	3,781,247	1,024,700	3,874,644	29,651,608	5.14	7.14
3	Plant Unit Info	1,248.0	576,582	64.2%	93.7%	70.9%	6,720			3,874,644	29,651,608	5.14	
4	West County 3												
5	Light Oil		0				0	0	0	0	0	0.00	0.00
6	Gas		645,618				6,661	4,196,746	1,024,700	4,300,406	32,619,584	5.05	7.14
7	Plant Unit Info	1,254.0	645,618	71.5%	93.7%	77.8%	6,661			4,300,406	32,619,584	5.05	
8	Wildflower PV Solar												
9	Solar		12,327					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	12,327	23.0%	N/A	23.0%	N/A						
11	Willow PV Solar												
12	Solar		10,665					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	10,665	19.9%	N/A	19.9%	N/A						
14	_System Totals												
15	Plant Unit Info	33,347	9,958,228				7,410			73,786,967	424,925,363	4.27	N/A
16	Total												
17													
18													
19													
20													
21													
22													
23													
24													
25													
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35													

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Dec - 2022												
2	Babcock Preserve PV Solar												
3	Solar		11,672					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	11,672	21.1%	N/A	21.1%	N/A						
5	Babcock Ranch PV Solar												
6	Solar		11,766					N/A	N/A	N/A	N/A	N/A	N/A
7	Plant Unit Info	74.5	11,766	21.2%	N/A	21.2%	N/A						
8	Barefoot Bay PV Solar												
9	Solar		11,184					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	11,184	20.2%	N/A	20.2%	N/A						
11	Blue Cypress PV Solar												
12	Solar		10,880					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	10,880	19.6%	N/A	19.6%	N/A						
14	Blue Heron PV Solar												
15	Solar		12,149					N/A	N/A	N/A	N/A	N/A	N/A
16	Plant Unit Info	74.5	12,149	21.9%	N/A	21.9%	N/A						
17	Blue Indigo PV Solar												
18	Solar		9,001					N/A	N/A	N/A	N/A	N/A	N/A
19	Plant Unit Info	74.5	9,001	16.2%	N/A	16.2%	N/A						
20	Blue Springs PV Solar												
21	Solar		7,960					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	7,960	14.4%	N/A	14.4%	N/A						
23	Cape Canaveral 3												
24	Light Oil		0				0	0	0	0	0	0.00	0.00
25	Gas		408,599				6,700	2,671,470	1,024,700	2,737,455	23,424,929	5.73	7.46
26	Plant Unit Info	1,326.0	408,599	41.4%	93.4%	45.4%	6,700			2,737,455	23,424,929	5.73	
27	Cattle Ranch PV Solar												
28	Solar		9,467					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	9,467	17.1%	N/A	17.1%	N/A						
30	Citrus PV Solar												
31	Solar		10,465					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	10,465	18.9%	N/A	18.9%	N/A						
33	Coral Farms PV Solar												
34	Solar		10,679					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	10,679	19.3%	N/A	19.3%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Cotton Creek PV Solar												
2	Solar		9,148					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	9,148	16.5%	N/A	16.5%	N/A						
4	Dania Beach 7												
5	Gas		560,771				6,442	3,525,505	1,024,700	3,612,585	29,455,639	5.25	7.36
6	Plant Unit Info	1,136.0	560,771	66.4%	96.8%	69.8%	6,442			3,612,585	29,455,639	5.25	
7	Daniel 1												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Coal		6,636				13,505	5,272	16,999,987	89,619	333,369	5.02	63.24
10	Plant Unit Info	251.0	6,636	3.6%	93.6%	3.8%	13,505			89,619	333,369	5.02	
11	Daniel 2												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Coal		17,900				13,291	13,995	16,999,998	237,908	884,981	4.94	63.24
14	Plant Unit Info	251.0	17,900	9.6%	93.6%	10.3%	13,291			237,908	884,981	4.94	
15	Desoto PV Solar												
16	Solar		2,830					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	25.0	2,830	15.2%	N/A	15.2%	N/A						
18	Discovery PV Solar												
19	Solar		8,710					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	8,710	15.7%	N/A	15.7%	N/A						
21	Echo River PV Solar												
22	Solar		9,738					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	9,738	17.6%	N/A	17.6%	N/A						
24	Egret PV Solar												
25	Solar		7,947					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	7,947	14.3%	N/A	14.3%	N/A						
27	Elder Branch PV Solar												
28	Solar		9,630					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	9,630	17.4%	N/A	17.4%	N/A						
30	Fort Drum PV Solar												
31	Solar		9,475					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	9,475	17.1%	N/A	17.1%	N/A						
33	Fort Myers 2												
34	Gas		604,967				7,090	4,186,003	1,024,700	4,289,397	34,723,225	5.74	7.46
35	Plant Unit Info	1,740.0	604,967	46.7%	77.7%	60.9%	7,090			4,289,397	34,723,225	5.74	

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Fort Myers 3A												
2	Light Oil		0				0	0	0	0	0	0.00	0.00
3	Gas		709				11,997	8,301	1,024,700	8,506	3,552,506	501.06	7.46
4	Plant Unit Info	193.0	709	0.5%	93.7%	0.5%	11,997			8,506	3,552,506	501.06	
5	Fort Myers 3B												
6	Light Oil		0				0	0	0	0	0	0.00	0.00
7	Gas		0					0	0	0	0	0.00	0.00
8	Plant Unit Info	193.0	0	N/A	93.7%	N/A	N/A						
9	Fort Myers 3C												
10	Light Oil		0				0	0	0	0	0	0.00	0.00
11	Gas		790				11,895	9,170	1,024,700	9,397	3,558,987	450.50	7.46
12	Plant Unit Info	221.0	790	0.5%	93.7%	0.5%	11,895			9,397	3,558,987	450.50	
13	Fort Myers 3D												
14	Light Oil		0				0	0	0	0	0	0.00	0.00
15	Gas		2,596				11,380	28,830	1,024,700	29,542	3,706,396	142.77	7.49
16	Plant Unit Info	221.0	2,596	1.6%	93.7%	1.7%	11,380			29,542	3,706,396	142.77	
17	Fort Myers GT												
18	Light Oil		0				0	0	0	0	0	0.00	0.00
19	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
20	GCEC 4												
21	Light Oil		0				0	0	0	0	0	0.00	0.00
22	Gas		2,055				13,942	27,959	1,024,700	28,650	3,680,248	179.09	6.78
23	Plant Unit Info	75.0	2,055	3.7%	93.8%	3.9%	13,942			28,650	3,680,248	179.09	
24	GCEC 5												
25	Light Oil		0				0	0	0	0	0	0.00	0.00
26	Gas		0					0	0	0	0	0.00	0.00
27	Plant Unit Info	75.0	0	N/A	93.8%	N/A	N/A						
28	GCEC 6												
29	Gas		0					0	0	0	0	0.00	0.00
30	Plant Unit Info	315.0	0	N/A	93.6%	N/A	N/A						
31	GCEC 7												
32	Gas		0					0	0	0	0	0.00	0.00
33	Plant Unit Info	496.0	0	N/A	93.6%	N/A	N/A						
34	GCEC 8A												
35	Light Oil		0				0	0	0	0	0	0.00	0.00

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		3,735				12,350	45,014	1,024,700	46,126	3,824,614	102.40	7.42
2	Plant Unit Info	224.0	3,735	2.2%	96.9%	2.2%	12,350			46,126	3,824,614	102.40	
3	GCEC 8B												
4	Light Oil		0				0	0	0	0	0	0.00	0.00
5	Gas		3,542				12,784	44,190	1,024,700	45,282	3,818,497	107.81	7.42
6	Plant Unit Info	224.0	3,542	2.1%	84.0%	2.5%	12,784			45,282	3,818,497	107.81	
7	GCEC 8C												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Gas		0					0	0	0	0	0.00	0.00
10	Plant Unit Info	220.0	0	N/A	74.3%	N/A	N/A						
11	GCEC 8D												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		0					0	0	0	0	0.00	0.00
14	Plant Unit Info	220.0	0	N/A	71.1%	N/A	N/A						
15	Ghost Orchid PV Solar												
16	Solar		10,376					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	10,376	18.7%	N/A	18.7%	N/A						
18	Grove PV Solar												
19	Solar		9,705					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	9,705	17.5%	N/A	17.5%	N/A						
21	Hammock PV Solar												
22	Solar		11,502					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	11,502	20.8%	N/A	20.8%	N/A						
24	Hibiscus PV Solar												
25	Solar		11,386					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	11,386	20.5%	N/A	20.5%	N/A						
27	Horizon PV Solar												
28	Solar		10,766					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	10,766	19.4%	N/A	19.4%	N/A						
30	Immokalee PV Solar												
31	Solar		10,655					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	10,655	19.2%	N/A	19.2%	N/A						
33	Indian River PV Solar												
34	Solar		10,851					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	10,851	19.6%	N/A	19.6%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Interstate PV Solar												
2	Solar		10,820					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	10,820	19.5%	N/A	19.5%	N/A						
4	Lakeside PV Solar												
5	Solar		10,219					N/A	N/A	N/A	N/A	N/A	N/A
6	Plant Unit Info	74.5	10,219	18.4%	N/A	18.4%	N/A						
7	Lauderdale 1-12												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Gas		0					0	0	0	0	0.00	0.00
10	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
11	Lauderdale 6A												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		0					0	0	0	0	0.00	0.00
14	Plant Unit Info	218.0	0	N/A	93.7%	N/A	N/A						
15	Lauderdale 6B												
16	Light Oil		0				0	0	0	0	0	0.00	0.00
17	Gas		0					0	0	0	0	0.00	0.00
18	Plant Unit Info	218.0	0	N/A	93.7%	N/A	N/A						
19	Lauderdale 6C												
20	Light Oil		0				0	0	0	0	0	0.00	0.00
21	Gas		0					0	0	0	0	0.00	0.00
22	Plant Unit Info	218.0	0	N/A	93.7%	N/A	N/A						
23	Lauderdale 6D												
24	Light Oil		0				0	0	0	0	0	0.00	0.00
25	Gas		0					0	0	0	0	0.00	0.00
26	Plant Unit Info	218.0	0	N/A	93.7%	N/A	N/A						
27	Lauderdale 6E												
28	Light Oil		0				0	0	0	0	0	0.00	0.00
29	Gas		0					0	0	0	0	0.00	0.00
30	Plant Unit Info	218.0	0	N/A	93.7%	N/A	N/A						
31	Loggerhead PV Solar												
32	Solar		11,157					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	11,157	20.1%	N/A	20.1%	N/A						
34	Magnolia Springs PV Solar												
35	Solar		8,175					N/A	N/A	N/A	N/A	N/A	N/A

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	74.5	8,175	14.8%	N/A	14.8%	N/A						
2	Manatee 1												
3	Heavy Oil											N/A	0.00
4	Gas		0					0	0	0	0	0.00	0.00
5	Plant Unit Info	797.0	0	N/A	100.0%	N/A	N/A						
6	Manatee 2												
7	Heavy Oil											N/A	0.00
8	Gas		0					0	0	0	0	0.00	0.00
9	Plant Unit Info	797.0	0	N/A	100.0%	N/A	N/A						
10	Manatee 3												
11	Gas		588,787				6,814	3,915,011	1,024,700	4,011,712	32,219,837	5.47	7.34
12	Plant Unit Info	1,254.0	588,787	63.1%	93.9%	67.9%	6,814			4,011,712	32,219,837	5.47	
13	Manatee PV Solar												
14	Solar		11,529					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	11,529	20.8%	N/A	20.8%	N/A						
16	Martin 3												
17	Gas		97,265				7,405	702,880	1,024,700	720,241	8,651,885	8.90	7.34
18	Plant Unit Info	487.0	97,265	26.8%	52.0%	53.8%	7,405			720,241	8,651,885	8.90	
19	Martin 4												
20	Gas		59,780				7,492	437,062	1,024,700	447,857	6,700,762	11.21	7.34
21	Plant Unit Info	487.0	59,780	16.5%	93.9%	17.7%	7,492			447,857	6,700,762	11.21	
22	Martin 8												
23	Light Oil		0				0	0	0	0	0	0.00	0.00
24	Gas		349,614				7,011	2,392,110	1,024,700	2,451,195	21,046,735	6.02	7.34
25	Plant Unit Info	1,258.0	349,614	37.4%	93.5%	40.3%	7,011			2,451,195	21,046,735	6.02	
26	Martin 8 Solar												
27	Solar		5,425					N/A	N/A	N/A	N/A	N/A	N/A
28	Plant Unit Info	75.0	5,425	13.3%	97.3%	13.8%	N/A						
29	Miami-Dade PV Solar												
30	Solar		11,572					N/A	N/A	N/A	N/A	N/A	N/A
31	Plant Unit Info	74.5	11,572	20.9%	N/A	20.9%	N/A						
32	Nassau PV Solar												
33	Solar		7,497					N/A	N/A	N/A	N/A	N/A	N/A
34	Plant Unit Info	74.5	7,497	13.5%	N/A	13.5%	N/A						
35	Northern Preserve PV Solar												

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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Solar		8,367					N/A	N/A	N/A	N/A	N/A	N/A
2	Plant Unit Info	74.5	8,367	15.1%	N/A	15.1%	N/A						
3	Okeechobee 1												
4	Light Oil		0				0	0	0	0	0	0.00	0.00
5	Gas		327,911				6,549	2,095,717	1,024,700	2,147,481	19,665,191	6.00	7.72
6	Plant Unit Info	1,607.0	327,911	27.4%	41.4%	70.1%	6,549			2,147,481	19,665,191	6.00	
7	Okeechobee PV Solar												
8	Solar		10,871					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	10,871	19.6%	N/A	19.6%	N/A						
10	Orange Blossom PV Solar												
11	Solar		10,008					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	74.5	10,008	18.1%	N/A	18.1%	N/A						
13	Palm Bay PV Solar												
14	Solar		9,944					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	9,944	17.9%	N/A	17.9%	N/A						
16	Pea Ridge												
17	Gas		98					0	0	0	0	0.00	0.00
18	Plant Unit Info	13.5	98	0.9%	94.0%	0.9%	N/A						
19	Pelican PV Solar												
20	Solar		10,018					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	10,018	18.1%	N/A	18.1%	N/A						
22	Perdido												
23	Gas		1,897				11,065	20,485	1,024,700	20,991	3,566,799	188.02	3.72
24	Plant Unit Info	3.0	1,897	85.0%	100.0%	85.0%	11,065			20,991	3,566,799	188.02	
25	Pioneer Trail PV Solar												
26	Solar		10,481					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	10,481	18.9%	N/A	18.9%	N/A						
28	Port Everglades 5												
29	Light Oil		0				0	0	0	0	0	0.00	0.00
30	Gas		612,482				6,482	3,874,691	1,024,700	3,970,396	32,026,649	5.23	7.36
31	Plant Unit Info	1,283.0	612,482	64.2%	93.0%	70.0%	6,482			3,970,396	32,026,649	5.23	
32	Riviera 5												
33	Light Oil		0				0	0	0	0	0	0.00	0.00
34	Gas		404,373				6,717	2,650,676	1,024,700	2,716,148	23,266,077	5.75	7.46
35	Plant Unit Info	1,326.0	404,373	41.0%	82.7%	50.3%	6,717			2,716,148	23,266,077	5.75	

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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Rodeo PV Solar												
2	Solar		9,385					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	9,385	16.9%	N/A	16.9%	N/A						
4	Sabal Palm PV Solar												
5	Solar		10,281					N/A	N/A	N/A	N/A	N/A	N/A
6	Plant Unit Info	74.5	10,281	18.6%	N/A	18.6%	N/A						
7	Sanford 4												
8	Gas		71,016				7,010	485,788	1,024,700	497,787	7,122,280	10.03	7.48
9	Plant Unit Info	1,180.0	71,016	8.1%	63.5%	13.0%	7,010			497,787	7,122,280	10.03	
10	Sanford 5												
11	Gas		404,066				6,997	2,759,234	1,024,700	2,827,387	24,084,040	5.96	7.46
12	Plant Unit Info	1,180.0	404,066	46.0%	94.1%	49.5%	6,997			2,827,387	24,084,040	5.96	
13	Sawgrass PV Solar												
14	Solar		10,277					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	10,277	18.5%	N/A	18.5%	N/A						
16	Scherer 3												
17	Light Oil		0				0	0	0	0	0	0.00	0.00
18	Coal		148,739				10,451	91,440	16,999,999	1,554,483	5,301,263	3.56	57.98
19	Plant Unit Info	215.0	148,739	93.0%	93.7%	99.7%	10,451			1,554,483	5,301,263	3.56	
20	Smith 3												
21	Gas		290,866				7,009	1,989,461	1,024,700	2,038,601	18,598,672	6.39	7.59
22	Plant Unit Info	634.0	290,866	61.7%	93.9%	66.5%	7,009			2,038,601	18,598,672	6.39	
23	Smith A												
24	Light Oil		352				14,324	865	5,829,980	5,042	81,687	23.21	94.45
25	Plant Unit Info	36.0	352	1.3%	100.0%	1.3%	14,324			5,042	81,687	23.21	
26	Southfork PV Solar												
27	Solar		11,524					N/A	N/A	N/A	N/A	N/A	N/A
28	Plant Unit Info	74.5	11,524	20.8%	N/A	20.8%	N/A						
29	Space Coast PV Solar												
30	Solar		1,155					N/A	N/A	N/A	N/A	N/A	N/A
31	Plant Unit Info	10.0	1,155	15.5%	N/A	15.5%	N/A						
32	St. Lucie 1												
33	Nuclear		727,577				10,328	7,514,638	1,000,000	7,514,638	3,423,669	0.47	0.46
34	Plant Unit Info	1,003.0	727,577	97.5%	97.5%	100.0%	10,328			7,514,638	3,423,669	0.47	
35	St. Lucie 2												

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Nuclear		623,870				10,257	6,398,850	1,000,000	6,398,850	2,750,225	0.44	0.43
2	Plant Unit Info	860.0	623,870	97.5%	97.5%	100.0%	10,257			6,398,850	2,750,225	0.44	
3	Sundew PV Solar												
4	Solar		9,983					N/A	N/A	N/A	N/A	N/A	N/A
5	Plant Unit Info	74.5	9,983	18.0%	N/A	18.0%	N/A						
6	Sunshine Gateway PV Solar												
7	Solar		10,133					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	10,133	18.3%	N/A	18.3%	N/A						
9	Sweetbay PV Solar												
10	Solar		9,631					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	9,631	17.4%	N/A	17.4%	N/A						
12	Trailside PV Solar												
13	Solar		8,235					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	8,235	14.9%	N/A	14.9%	N/A						
15	Turkey Point 3												
16	Nuclear		623,119				10,541	6,568,480	1,000,000	6,568,480	3,250,084	0.52	0.49
17	Plant Unit Info	859.0	623,119	97.5%	97.5%	100.0%	10,541			6,568,480	3,250,084	0.52	
18	Turkey Point 4												
19	Nuclear		628,196				10,456	6,568,485	1,000,000	6,568,485	3,290,811	0.52	0.50
20	Plant Unit Info	866.0	628,196	97.5%	97.5%	100.0%	10,456			6,568,485	3,290,811	0.52	
21	Turkey Point 5												
22	Light Oil		0				0	0	0	0	0	0.00	0.00
23	Gas		410,297				7,046	2,821,102	1,024,700	2,890,783	24,267,599	5.91	7.36
24	Plant Unit Info	1,294.0	410,297	42.6%	93.9%	45.7%	7,046			2,890,783	24,267,599	5.91	
25	Twin Lakes PV Solar												
26	Solar		8,752					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	8,752	15.8%	N/A	15.8%	N/A						
28	Union Springs PV Solar												
29	Solar		8,077					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	8,077	14.6%	N/A	14.6%	N/A						
31	West County 1												
32	Light Oil		0				0	0	0	0	0	0.00	0.00
33	Gas		397,003				6,779	2,626,352	1,024,700	2,691,223	22,767,211	5.73	7.34
34	Plant Unit Info	1,248.0	397,003	42.8%	66.8%	66.5%	6,779			2,691,223	22,767,211	5.73	
35	West County 2												

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM FUEL DETAILS

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Light Oil		0				0	0	0	0	0	0.00	0.00
2	Gas		574,119				6,718	3,764,007	1,024,700	3,856,978	31,108,509	5.42	7.34
3	Plant Unit Info	1,248.0	574,119	61.8%	93.7%	68.3%	6,718			3,856,978	31,108,509	5.42	
4	West County 3												
5	Light Oil		0				0	0	0	0	0	0.00	0.00
6	Gas		659,507				6,657	4,284,219	1,024,700	4,390,039	34,923,885	5.30	7.34
7	Plant Unit Info	1,254.0	659,507	70.7%	93.7%	76.9%	6,657			4,390,039	34,923,885	5.30	
8	Wildflower PV Solar												
9	Solar		11,472					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	11,472	20.7%	N/A	20.7%	N/A						
11	Willow PV Solar												
12	Solar		9,232					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	9,232	16.7%	N/A	16.7%	N/A						
14	_System Totals												
15	Plant Unit Info	33,347	10,105,396				7,464			75,423,264	439,077,260	4.34	N/A
16	Total												
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
32													
33													
34													
35													

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM GENERATED FUEL COST
INVENTORY ANALYSIS

SCHEDULE: E5

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Line No.		Jul - 2022	Aug - 2022	Sep - 2022	Oct - 2022	Nov - 2022	Dec - 2022
1	**#6 Heavy Oil (BBLS)**						
2	Purchases						
3	Units	0	0	0	0	0	0
4	Unit Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
5	Amount						
6	Burned						
7	Units	0	0	0	0	0	0
8	Unit Cost						
9	Amount						
10	Ending Inventory						
11	Units	500,260	500,260	500,260	500,260	500,260	500,260
12	Unit Cost	74.9652	74.9652	74.9652	74.9652	74.9652	74.9652
13	Amount	37,502,072	37,502,072	37,502,072	37,502,072	37,502,072	37,502,072
14							
15	**#2 Light Oil (BBLS)**						
16	Purchases						
17	Units	47,030	0	0	52,630	0	0
18	Unit Cost	199.8448	0.0000	0.0000	187.0351	0.0000	0.0000
19	Amount	9,398,773			9,843,660		
20	Burned						
21	Units	5,769	9,233	10,394	18,249	5,350	865
22	Unit Cost	77.2534	78.3907	77.5944	109.9329	110.0525	94.4528
23	Amount	445,698	723,750	806,543	2,006,190	588,752	81,687
24	Ending Inventory						
25	Units	1,535,753	1,526,520	1,516,126	1,550,507	1,545,157	1,544,292
26	Unit Cost	102.8726	103.0207	103.1950	105.9615	105.9474	105.9538
27	Amount	157,986,888	157,263,138	156,456,595	164,294,064	163,705,312	163,623,626
28							
29	**Coal**						
30	Purchases						
31	Units	920,338	920,338	920,338	920,338	920,338	920,338
32	Unit Cost	3.4563	3.4563	3.4563	3.5182	3.5182	3.5182
33	Amount	3,180,964	3,180,964	3,180,964	3,237,933	3,237,933	3,237,933
34	Burned						
35	Units	1,564,572	1,637,319	1,655,251	1,549,729	1,642,496	1,882,010
36	Unit Cost	3.2595	3.3073	3.3486	3.3476	3.4170	3.4642
37	Amount	5,099,685	5,415,056	5,542,732	5,187,916	5,612,419	6,519,613
38	Ending Inventory						
39	Units	8,928,268	8,211,286	7,476,373	6,846,982	6,124,824	5,163,152
40	Unit Cost	3.3632	3.3848	3.4016	3.4295	3.4461	3.4524
41	Amount	30,027,367	27,793,275	25,431,506	23,481,523	21,107,037	17,825,357
42							
43	**Gas (MCF)**						
44	Burned						
45	Units	65,792,080	66,183,522	64,126,825	55,461,106	44,828,169	45,365,238
46	Unit Cost	8.7205	8.6230	8.5275	8.6899	9.0662	9.2529
47	Amount	573,736,632	570,701,272	546,839,237	481,952,278	406,419,556	419,761,172
48							
49	**Nuclear (Other)**						
50	Burned						
51	Units	27,046,650	27,046,650	19,387,064	26,561,855	26,177,857	27,050,453
52	Unit Cost	0.4739	0.4739	0.4700	0.4703	0.4700	0.4700
53	Amount	12,817,901	12,817,901	9,111,993	12,492,277	12,304,635	12,714,789
54							

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
POWER SOLD & PURCHASED POWER

SCHEDULE: E6

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Line No.	Power Sold To	Type & Schedule	Total KWH Sold (000)	KWH from Own Generation (000)	Fuel Cost (cents/KWH)	Total Cost (cents/KWH)	Total $ for Fuel Adj	Total Cost ($)	Gain from Off System Sales ($)
1	Jul - 2022								
2	Off System	OS	170,500	170,500	4.108	6.936	7,004,607	11,826,532	4,120,985
3	St Lucie Reliability Sales	St. L.	52,997	52,997	0.541	0.541	286,539	286,539	
4	Subtotal Jul - 2022		223,497	223,497	3.262	5.420	7,291,147	12,113,072	4,120,985
5									
6	Aug - 2022								
7	Off System	OS	170,500	170,500	4.214	6.947	7,184,748	11,844,698	3,959,010
8	St Lucie Reliability Sales	St. L.	52,997	52,997	0.541	0.541	286,539	286,539	
9	Subtotal Aug - 2022		223,497	223,497	3.343	5.428	7,471,288	12,131,238	3,959,010
10									
11	Sep - 2022								
12	Off System	OS	128,400	128,400	3.846	5.392	4,938,771	6,922,761	1,508,700
13	St Lucie Reliability Sales	St. L.	3,419	3,419	0.541	0.541	18,486	18,486	
14	Subtotal Sep - 2022		131,819	131,819	3.761	5.266	4,957,257	6,941,247	1,508,700
15									
16	Oct - 2022								
17	Off System	OS	119,970	119,970	4.921	6.140	5,904,024	7,366,693	1,189,467
18	St Lucie Reliability Sales	St. L.	49,578	49,578	0.508	0.508	251,823	251,823	
19	Subtotal Oct - 2022		169,548	169,548	3.631	4.493	6,155,848	7,618,516	1,189,467
20									
21	Nov - 2022								
22	Off System	OS	218,100	218,100	4.500	5.532	9,814,989	12,066,092	1,726,103
23	St Lucie Reliability Sales	St. L.	52,442	52,442	0.486	0.486	255,102	255,102	
24	Subtotal Nov - 2022		270,542	270,542	3.722	4.554	10,070,091	12,321,194	1,726,103
25									
26	Dec - 2022								
27	Off System	OS	205,530	205,530	4.485	5.582	9,218,982	11,472,031	1,640,732
28	St Lucie Reliability Sales	St. L.	54,190	54,190	0.486	0.486	263,606	263,606	
29	Subtotal Dec - 2022		259,720	259,720	3.651	4.519	9,482,587	11,735,637	1,640,732
30									
31	2022								
32	Off System	OS	1,013,000	1,013,000	4.350	6.071	44,066,122	61,498,809	14,144,998
33	St Lucie Reliability Sales	St. L.	265,622	265,622	0.513	0.513	1,362,096	1,362,096	
34	Subtotal 2022		1,278,622	1,278,622	3.553	4.916	45,428,218	62,860,905	14,144,998

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
PURCHASED POWER
(EXCLUSIVE OF ECONOMY ENERGY PURCHASES)

SCHEDULE: E7

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)
Line No.	Estimated Power Purchases	KWH Purchased (000)	KWH for Firm	Fuel Cost (cents/KWH)	Total $ for Fuel Adj
1	Jul - 2022				
2	Central Alabama	229,660	229,660	6.981	16,033,537
3	Chelco	79	79	10.853	8,574
4	King Fisher (I and II)	75,206	75,206	4.515	3,395,638
5	Solid Waste Authority 40MW	30,556	30,556	4.831	1,476,139
6	Solid Waste Authority 70MW	45,711	45,711	5.572	2,547,085
7	St Lucie Reliablity Purchases	53,324	53,324	0.473	252,418
8	Subtotal Jul - 2022	434,536	434,536	5.457	23,713,391
9					
10	Aug - 2022				
11	Central Alabama	220,278	220,278	6.994	15,406,374
12	Chelco	79	79	10.853	8,574
13	King Fisher (I and II)	79,422	79,422	4.528	3,595,871
14	Solid Waste Authority 40MW	30,578	30,578	4.809	1,470,401
15	Solid Waste Authority 70MW	46,068	46,068	5.560	2,561,336
16	St Lucie Reliablity Purchases	53,324	53,324	0.473	252,418
17	Subtotal Aug - 2022	429,749	429,749	5.421	23,294,974
18					
19	Sep - 2022				
20	Central Alabama	226,081	226,081	6.892	15,581,952
21	Chelco	79	79	10.853	8,574
22	King Fisher (I and II)	85,680	85,680	4.542	3,891,489
23	Solid Waste Authority 40MW	26,870	26,870	4.777	1,283,470
24	Solid Waste Authority 70MW	40,565	40,565	5.542	2,248,177
25	St Lucie Reliablity Purchases	51,604	51,604	0.473	244,276
26	Subtotal Sep - 2022	430,879	430,879	5.398	23,257,938
27					
28	Oct - 2022				
29	Central Alabama	117,352	117,352	7.478	8,775,621
30	Chelco	79	79	10.853	8,574
31	King Fisher (I and II)	89,621	89,621	4.551	4,078,948
32	Solid Waste Authority 40MW	30,452	30,452	5.156	1,569,955
33	Solid Waste Authority 70MW	36,434	36,434	5.751	2,095,168
34	St Lucie Reliablity Purchases	53,324	53,324	0.473	252,418
35	Subtotal Oct - 2022	327,262	327,262	5.128	16,780,684
36					
37	Nov - 2022				
38	Central Alabama	25,295	25,295	10.838	2,741,479
39	Chelco	79	79	10.853	8,574

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
PURCHASED POWER
(EXCLUSIVE OF ECONOMY ENERGY PURCHASES)

SCHEDULE: E7

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)
Line No.	Estimated Power Purchases	KWH Purchased (000)	KWH for Firm	Fuel Cost (cents/KWH)	Total $ for Fuel Adj
40	King Fisher (I and II)	111,750	111,750	4.589	5,127,805
41	Solid Waste Authority 40MW	18,605	18,605	4.379	814,696
42	Solid Waste Authority 70MW	49,824	49,824	5.324	2,652,394
43	St Lucie Reliablity Purchases	52,806	52,806	0.452	238,860
44	Subtotal Nov - 2022	258,359	258,359	4.484	11,583,808
45					
46	Dec - 2022				
47	Central Alabama	59,758	59,758	8.813	5,266,228
48	Chelco	79	79	10.853	8,574
49	King Fisher (I and II)	74,958	74,958	4.513	3,383,186
50	Solid Waste Authority 40MW	32,550	32,550	4.443	1,446,190
51	Solid Waste Authority 70MW	46,686	46,686	5.359	2,501,781
52	St Lucie Reliablity Purchases	54,566	54,566	0.452	246,822
53	Subtotal Dec - 2022	268,597	268,597	4.785	12,852,781
54					
55	2022				
56	Central Alabama	878,424	878,424	7.264	63,805,191
57	Chelco	474	474	10.853	51,444
58	King Fisher (I and II)	516,637	516,637	4.543	23,472,938
59	Solid Waste Authority 40MW	169,611	169,611	4.753	8,060,851
60	Solid Waste Authority 70MW	265,288	265,288	5.506	14,605,941
61	St Lucie Reliablity Purchases	318,947	318,947	0.466	1,487,211
62	Subtotal 2022	2,149,381	2,149,381	5.187	111,483,576
63					

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
ENERGY PAYMENT TO QUALIFYING FACILITIES

SCHEDULE: E8

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)
Line No.	Estimated Payments	Total KWH Purchased (000)	KWH for Firm (000)	Fuel Cost (cents/KWH)	Total $ for Fuel Adj
1	Jul - 2022				
2	Qualifying Facilities	65,100	65,100	5.154	3,355,056
3	Subtotal Jul - 2022	65,100	65,100	5.154	3,355,056
4					
5	Aug - 2022				
6	Qualifying Facilities	60,947	60,947	5.154	3,141,381
7	Subtotal Aug - 2022	60,947	60,947	5.154	3,141,381
8					
9	Sep - 2022				
10	Qualifying Facilities	57,136	57,136	5.100	2,914,044
11	Subtotal Sep - 2022	57,136	57,136	5.100	2,914,044
12					
13	Oct - 2022				
14	Qualifying Facilities	56,811	56,811	5.485	3,116,035
15	Subtotal Oct - 2022	56,811	56,811	5.485	3,116,035
16					
17	Nov - 2022				
18	Qualifying Facilities	50,278	50,278	4.996	2,511,864
19	Subtotal Nov - 2022	50,278	50,278	4.996	2,511,864
20					
21	Dec - 2022				
22	Qualifying Facilities	47,726	47,726	5.005	2,388,464
23	Subtotal Dec - 2022	47,726	47,726	5.005	2,388,464
24					
25	2022				
26	Qualifying Facilities	337,997	337,997	5.156	17,426,844
27	Subtotal 2022	337,997	337,997	5.156	17,426,844
28					

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
ECONOMY ENERGY PURCHASES

SCHEDULE: E9

ESTIMATED FOR THE PERIOD OF: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Line No.	Estimated Purchases	Type	Total KWH Purchase (000)	Transaction Cost (cents/kWh)	Total $ for Fuel Adj	Cost if Generated (cents/kWh)	Cost if Generated ($)	Fuel Savings ($)
1	Jul - 2022							
2	Economy	OS	44,020	5.800	2,553,160	6.426	2,828,542	275,382
3	Subtotal Jul - 2022		44,020	5.800	2,553,160	6.426	2,828,542	275,382
4								
5	Aug - 2022							
6	Economy	OS	16,430	5.800	952,940	6.870	1,128,741	175,801
7	Subtotal Aug - 2022		16,430	5.800	952,940	6.870	1,128,741	175,801
8								
9	Sep - 2022							
10	Economy	OS	50,400	5.500	2,772,000	6.422	3,236,457	464,457
11	Subtotal Sep - 2022		50,400	5.500	2,772,000	6.422	3,236,457	464,457
12								
13	Oct - 2022							
14	Economy	OS	43,400	5.000	2,170,000	7.736	3,357,604	1,187,604
15	Subtotal Oct - 2022		43,400	5.000	2,170,000	7.736	3,357,604	1,187,604
16								
17	Nov - 2022							
18	Economy	OS	0					
19	Subtotal Nov - 2022		0					
20								
21	Dec - 2022							
22	Economy	OS	0					
23	Subtotal Dec - 2022		0					
24								
25	2022							
26	Economy	OS	154,250	5.477	8,448,100	6.840	10,551,344	2,103,244
27	Subtotal 2022		154,250	5.477	8,448,100	6.840	10,551,344	2,103,244
28								

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 19
PARTY: RBD-6
DESCRIPTION: 2022 CCR Actual/Estimated True-Up Calculation

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
Actual/Estimated True-Up
Calculation of Actual/Estimated True-Up Amount

FOR THE ACTUAL/ESTIMATED PERIOD OF: JANUARY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Line No.		a-Jan - 2022	a-Feb - 2022	a-Mar - 2022	a-Apr - 2022	a-May - 2022	a-Jun - 2022	Jul - 2022	Aug - 2022	Sep - 2022	Oct - 2022	Nov - 2022	Dec - 2022	Total
1	**Base**													
2	Payments to Non-cogenerators	$8,439,300	$8,439,300	$7,629,800	$7,629,800	$7,629,800	$7,676,600	$7,676,600	$7,676,600	$7,676,600	$7,676,600	$7,676,600	$7,676,600	$93,504,200
3	Payments to Co-generators	$125,615	$125,615	$125,615	$125,615	$125,615	$125,615	$125,615	$125,615	$125,615	$125,615	$125,615	$125,615	$1,507,380
4	Transmission of Electricity by Others	$1,087,707	$1,401,683	$898,152	$734,593	$1,469,171	$1,387,195	$1,970,401	$731,623	$731,623	$750,979	$760,650	$749,171	$12,672,949
5	Transmission Revenues from Capacity Sales	($2,143,811)	($1,310,612)	($824,815)	($880,078)	($706,475)	($594,070)	($700,940)	($700,940)	($475,290)	($273,201)	($525,000)	($612,317)	($9,747,550)
6	IIC Payments / (Receipts)	-	($1,468,494)	($178,399)	($7,439)	($2,946)	($2,946)	-	-	-	-	-	-	($1,660,226)
7	Incremental Plant Security Costs O&M	$2,053,669	$1,723,399	$2,568,809	$2,175,074	$2,196,554	$2,072,816	$2,483,453	$2,289,501	$2,302,997	$2,212,181	$2,515,970	$2,860,190	$27,454,614
8	Incremental Plant Security Costs Capital	$353,770	$351,862	$355,688	$359,539	$364,480	$369,430	$371,030	$373,158	$380,253	$388,042	$392,275	$398,856	$4,458,384
9	Incremental Nuclear NRC Compliance Costs O&M	$72,271	$71,648	($11,996)	$45,958	$106,818	$49,365	$57,500	$57,500	$57,500	$57,500	$57,500	$57,500	$679,064
10	Incremental Nuclear NRC Compliance Costs Capital	$887,451	$883,732	$881,094	$874,171	$867,090	$865,129	$860,596	$859,637	$856,670	$852,664	$846,995	$841,341	$10,376,569
11	Cedar Bay Transaction - Regulatory Asset - Amortization and Return	$8,688,948	$8,657,312	$8,625,675	$8,594,038	$8,562,402	$8,530,765	$8,495,867	$8,464,341	$8,432,815	$8,401,289	$8,369,763	$8,338,236	$102,161,449
12	Cedar Bay Transaction - Regulatory Liability - Amortization and Return	($75,578)	($75,164)	($74,749)	($74,335)	($73,921)	($73,506)	($73,049)	($72,636)	($72,223)	($71,810)	($71,397)	($70,985)	($879,354)
13	Indiantown Transaction - Regulatory Asset - Amortization and Return	$5,532,365	$5,503,906	$5,475,446	$5,446,987	$5,418,528	$5,390,069	$5,357,483	$5,329,123	$5,300,763	$5,272,404	$5,244,044	$5,215,684	$64,486,802
14	COVID-19 Regulatory Asset Revenue Requirements	$385,970	$404,722	$403,619	$402,516	$401,413	$400,310	$399,206	$398,103	$397,000	$395,897	$394,794	$393,691	$4,777,243
15	Rainbow Energy/Constellation Energy PPA Credit [1]	-	-	-	-	-	-	($2,049,801)	-	-	-	-	-	($2,049,801)
16	Subtotal Base	$25,407,678	$24,708,909	$25,873,939	$25,426,439	$26,358,529	$26,196,772	$24,973,961	$25,531,625	$25,714,323	$25,788,159	$25,787,809	$25,973,583	$307,741,725
17														
18	**General**													
19	Incremental Plant Security Costs Capital	$0	$0	$0	$0	$0	$0	($0)	($0)	($0)	($0)	($0)	($0)	($0)
20	Subtotal General	$0	$0	$0	$0	$0	$0	($0)	($0)	($0)	($0)	($0)	($0)	($0)
21														
22	**Intermediate**													
23	Incremental Plant Security Costs O&M	$261,586	$237,363	$246,598	$322,752	$217,983	$188,393	$451,027	$248,118	$1,319,627	$136,395	$128,284	$200,715	$3,958,842
24	Incremental Plant Security Costs Capital	$63,145	$62,824	$62,708	$62,593	$62,478	$62,362	$62,378	$62,868	$63,397	$63,955	$64,537	$65,136	$758,380
25	Subtotal Intermediate	$324,730	$300,186	$309,306	$385,345	$280,460	$250,756	$513,406	$310,986	$1,383,023	$200,351	$192,821	$265,851	$4,717,221
26														
27	**Peaking**													
28	Incremental Plant Security Costs O&M	$24,578	$15,763	$15,506	$25,152	$19,850	$25,579	$20,877	$23,164	$21,311	$20,995	$26,991	$18,497	$258,263
29	Incremental Plant Security Costs Capital	$6,736	$4,908	$4,901	$4,893	$4,886	$4,878	$4,857	$4,850	$4,842	$4,835	$4,827	$4,820	$60,234
30	Subtotal Peaking	$31,315	$20,672	$20,407	$30,045	$24,735	$30,457	$25,734	$28,013	$26,153	$25,830	$31,819	$23,317	$318,496
31														
32	**Solar**													
33	Incremental Plant Security Costs O&M	$15,267	$42,700	-	$33,227	$6,610	$2,122	$6,969	$8,066	$8,066	$8,066	$8,066	$8,249	$147,408
34	Incremental Plant Security Costs Capital	$5,775	$5,748	$5,721	$5,694	$5,668	$5,641	$5,608	$5,582	$5,555	$5,529	$5,502	$5,475	$67,498
35	Subtotal Solar	$21,041	$48,448	$5,721	$38,921	$12,278	$7,763	$12,577	$13,648	$13,621	$13,595	$13,568	$13,725	$214,906
36														
37	Total	$25,784,764	$25,078,215	$26,209,373	$25,880,751	$26,676,001	$26,485,747	$25,525,679	$25,884,272	$27,137,120	$26,027,934	$26,026,017	$26,276,475	$312,992,349
38														

39 [1] Credit reflects capacity cost and related interest of Rainbow Energy and Constellation Energy purchased power agreements of $1,619,000 and associated transmission service cost of $424,766 (net of gains from resale of unused transmission rights)

40

41 Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
Actual/Estimated True-Up
Calculation of Actual/Estimated True-Up Amount

FOR THE ACTUAL/ESTIMATED PERIOD OF: JANUARY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Line No.		a-Jan - 2022	a-Feb - 2022	a-Mar - 2022	a-Apr - 2022	a-May - 2022	a-Jun - 2022	Jul - 2022	Aug - 2022	Sep - 2022	Oct - 2022	Nov - 2022	Dec - 2022	Total
1														
2	Total Capacity Costs	$25,784,764	$25,078,215	$26,209,373	$25,880,751	$26,676,001	$26,485,747	$25,525,679	$25,884,272	$27,137,120	$26,027,934	$26,026,017	$26,276,475	$312,992,349
3														
4	Total Base Capacity Costs	$25,407,678	$24,708,909	$25,873,939	$25,426,439	$26,358,529	$26,196,772	$24,973,961	$25,531,625	$25,714,323	$25,788,159	$25,787,809	$25,973,583	$307,741,725
5	Base Jurisdictional Factor	95.9314%	95.9314%	95.9314%	95.9314%	95.9314%	95.9314%	95.9314%	95.9314%	95.9314%	95.9314%	95.9314%	95.9314%	95.9314%
6	Total Base Jurisdictionalized Capacity Costs	$24,373,941	$23,703,602	$24,821,232	$24,391,939	$25,286,105	$25,130,930	$23,957,871	$24,492,845	$24,668,110	$24,738,942	$24,738,606	$24,916,822	$295,220,945
7														
8	Total General Capacity Costs	$0	$0	$0	$0	$0	$0	($0)	($0)	($0)	($0)	($0)	($0)	($0)
9	General Jurisdictional Factor	96.9001%	96.9001%	96.9001%	96.9001%	96.9001%	96.9001%	96.9001%	96.9001%	96.9001%	96.9001%	96.9001%	96.9001%	96.9001%
10	Total General Jurisdictionalized Capacity Costs	$0	$0	$0	$0	$0	$0	($0)	($0)	($0)	($0)	($0)	($0)	($0)
11														
12	Total Intermediate Capacity Costs	$324,730	$300,186	$309,306	$385,345	$280,460	$250,756	$513,406	$310,986	$1,383,023	$200,351	$192,821	$265,851	$4,717,221
13	Intermediate Jurisdictional Factor	95.4287%	95.4287%	95.4287%	95.4287%	95.4287%	95.4287%	95.4287%	95.4287%	95.4287%	95.4287%	95.4287%	95.4287%	95.4287%
14	Total Intermediate Jurisdictionalized Capacity Costs	$309,886	$286,464	$295,167	$367,730	$267,640	$239,293	$489,936	$296,770	$1,319,801	$191,192	$184,007	$253,698	$4,501,583
15														
16	Total Peaking Capacity Costs	$31,315	$20,672	$20,407	$30,045	$24,735	$30,457	$25,734	$28,013	$26,153	$25,830	$31,819	$23,317	$318,496
17	Peaking Jurisdictional Factor	95.1837%	95.1837%	95.1837%	95.1837%	95.1837%	95.1837%	95.1837%	95.1837%	95.1837%	95.1837%	95.1837%	95.1837%	95.1837%
18	Total Peaking Jurisdictionalized Capacity Costs	$29,807	$19,676	$19,424	$28,598	$23,544	$28,990	$24,495	$26,664	$24,893	$24,586	$30,286	$22,194	$303,157
19														
20	Total Solar Capacity Costs	$21,041	$48,448	$5,721	$38,921	$12,278	$7,763	$12,577	$13,648	$13,621	$13,595	$13,568	$13,725	$214,906
21	Solar Jurisdictional Factor	95.9314%	95.9314%	95.9314%	95.9314%	95.9314%	95.9314%	95.9314%	95.9314%	95.9314%	95.9314%	95.9314%	95.9314%	95.9314%
22	Total Solar Jurisdictionalized Capacity Costs	$20,185	$46,477	$5,488	$37,337	$11,778	$7,447	$12,066	$13,093	$13,067	$13,042	$13,016	$13,166	$206,163
23														
24	Total Transmission Capacity Costs	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
25	Transmission Jurisdictional Factor	90.2581%	90.2581%	90.2581%	90.2581%	90.2581%	90.2581%	90.2581%	90.2581%	90.2581%	90.2581%	90.2581%	90.2581%	90.2581%
26	Total Transmission Jurisdictionalized Capacity Costs	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
27														
28	Jurisdictionalized Capacity Costs	$24,733,819	$24,056,219	$25,141,311	$24,825,605	$25,589,067	$25,406,660	$24,484,368	$24,829,372	$26,025,871	$24,967,761	$24,965,915	$25,205,879	$300,231,848
29														
30														
31	Note: Jurisdictional separation factors approved in Order no. PSC-2021-0442-FOF-EI													
32	Totals may not add due to rounding													

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
Actual/Estimated True-Up
Calculation of Actual/Estimated True-Up Amount

FOR THE ACTUAL/ESTIMATED PERIOD OF: JANUARY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Line No.		a-Jan - 2022	a-Feb - 2022	a-Mar - 2022	a-Apr - 2022	a-May - 2022	a-Jun - 2022	Jul - 2022	Aug - 2022	Sep - 2022	Oct - 2022	Nov - 2022	Dec - 2022	Total
1	Net Jurisdictional CCR Costs (Page 3, Line 28)	$24,733,819	$24,056,219	$25,141,311	$24,825,605	$25,589,067	$25,406,660	$24,484,368	$24,829,372	$26,025,871	$24,967,761	$24,965,915	$25,205,879	$300,231,848
2														
3	CCR Revenues (Net of Revenue Taxes)	$19,298,190	$20,351,703	$20,799,424	$22,173,524	$23,094,607	$25,955,837	$27,289,805	$27,429,778	$27,493,423	$25,228,130	$21,330,462	$20,282,557	$280,727,441
4	Prior Period True-Up Provision	$942,202	$942,202	$942,202	$942,202	$942,202	$942,202	$942,202	$942,202	$942,202	$942,202	$942,202	$942,202	$11,306,429
5	SoBRA True-Up	$17,063	$17,063	$17,063	$17,063	$17,063	$17,063	$17,063	$17,063	$17,063	$17,063	$17,063	$17,063	$204,750
6	GBRA True-Up	$421,326	$421,326	$421,326	$421,326	$421,326	$421,326	$421,326	$421,326	$421,326	$421,326	$421,326	$421,326	$5,055,917
7	CCR Revenues Applicable to Current Period (Net of Revenue Taxes)	$20,678,781	$21,732,295	$22,180,016	$23,554,116	$24,475,198	$27,336,428	$28,670,396	$28,810,369	$28,874,014	$26,608,721	$22,711,054	$21,663,149	$297,294,537
8														
9	True-Up Provision - Over/(Under) Recovery (Line 7 - Line 1)	($4,055,038)	($2,323,924)	($2,961,296)	($1,271,489)	($1,113,869)	$1,929,768	$4,186,028	$3,980,997	$2,848,143	$1,640,960	($2,254,862)	($3,542,731)	($2,937,311)
10	Interest Provision	$1,242	$1,421	$1,507	$760	($872)	($2,503)	($1,246)	$2,073	$5,059	$6,334	$3,868	($2,403)	$15,242
11	True-Up & Interest Provision Beginning of Year - Over/(Under) Recovery	$16,567,096	$11,132,709	$7,429,616	$3,089,236	$437,917	($2,057,414)	($1,510,741)	$1,293,450	$3,895,928	$5,368,539	$5,635,242	$2,003,657	$16,567,096
12	Deferred True-Up - Over/(Under) Recovery	($303,311)	($303,311)	($303,311)	($303,311)	($303,311)	($303,311)	($303,311)	($303,311)	($303,311)	($303,311)	($303,311)	($303,311)	($303,311)
13	Prior Period True-Up Provision - Collected/(Refunded)	($942,202)	($942,202)	($942,202)	($942,202)	($942,202)	($942,202)	($942,202)	($942,202)	($942,202)	($942,202)	($942,202)	($942,202)	($11,306,429)
14	SoBRA True-Up	($17,063)	($17,063)	($17,063)	($17,063)	($17,063)	($17,063)	($17,063)	($17,063)	($17,063)	($17,063)	($17,063)	($17,063)	($204,750)
15	GBRA True-Up	($421,326)	($421,326)	($421,326)	($421,326)	($421,326)	($421,326)	($421,326)	($421,326)	($421,326)	($421,326)	($421,326)	($421,326)	($5,055,917)
16	End of Period True-Up - Over/(Under) Recovery (Lines 9 through 15)	$10,829,398	$7,126,304	$2,785,925	$134,606	($2,360,725)	($1,814,052)	$990,139	$3,592,618	$5,065,229	$5,331,931	$1,700,347	($3,225,378)	($3,225,380)
17														
18														
19														
20	Totals may not add due to rounding													

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
Actual/Estimated True-Up
Calculation of Variances

FOR THE ACTUAL/ESTIMATED PERIOD OF: JANUARY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)
Line No.	Program	Actual/Estimated True-Up	Projection	$ Difference	% Difference
1					
2	Payments to Non-cogenerators	$93,504,200	$91,865,200	$1,639,000	1.8%
3	Payments to Co-generators	$1,507,380	$1,507,380	-	N/A
4	Transmission of Electricity by Others	$12,672,949	$294,821	$12,378,128	4,198.5%
5	Transmission Revenues from Capacity Sales	($9,747,550)	($5,517,487)	($4,230,063)	76.7%
6	IIC Payments / (Receipts)	($1,660,226)	-	($1,660,226)	N/A
7	Incremental Plant Security Costs O&M	$31,819,126	$27,229,893	$4,589,234	16.9%
8	Incremental Plant Security Costs Capital	$5,344,496	$5,814,034	($469,539)	(8.1%)
9	Incremental Nuclear NRC Compliance Costs O&M	$679,064	$775,013	($95,949)	(12.4%)
10	Incremental Nuclear NRC Compliance Costs Capital	$10,376,569	$12,098,547	($1,721,977)	(14.2%)
11	Cedar Bay Transaction - Regulatory Asset - Amortization and Return	$102,161,449	$102,179,359	($17,910)	(0.0%)
12	Cedar Bay Transaction - Regulatory Liability - Amortization and Return	($879,354)	($879,588)	$235	(0.0%)
13	Indiantown Transaction - Regulatory Asset - Amortization and Return	$64,486,802	$64,510,074	($23,272)	(0.0%)
14	COVID 19 - Regulatory Asset - Amortization and Return	$4,777,243	$4,777,241	$2	0.0%
15	Rainbow Energy/Constellation Energy PPA Credit	($2,049,801)	-	($2,049,801)	N/A
16	Total	$312,992,349	$304,654,486	$8,337,863	2.7%
17					
18	Totals may not add due to rounding				

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
Actual/Estimated True-Up
Calculation of Variances

FOR THE ACTUAL/ESTIMATED PERIOD OF: JANUARY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)
Line No.	Line	Actual/Estimated True-Up	Projection	$ Difference	% Difference
1	Total Capacity Costs	$312,992,349	$304,654,486	$8,337,863	2.7%
2					
3	Total Base Capacity Costs	$307,741,725	$228,533,925	$79,207,800	34.7%
4	Base Jurisdictional Factor	95.93140%	95.93140%		
5	Total Base Jurisdictionalized Capacity Costs	$295,220,945	$219,235,794	$75,985,151	34.7%
6					
7	Total General Capacity Costs	-	-	-	N/A
8	General Jurisdictional Factor	96.90010%	96.90010%		
9	Total General Jurisdictionalized Capacity Costs	-	-	-	N/A
10					
11	Total Intermediate Capacity Costs	$4,717,221	$75,996,704	($71,279,482)	(93.8%)
12	Intermediate Jurisdictional Factor	95.42870%	95.42870%		
13	Total Intermediate Jurisdictionalized Capacity Costs	$4,501,583	$72,522,666	($68,021,083)	(93.8%)
14					
15	Total Peaking Capacity Costs	$318,496	$56,323	$262,173	465.5%
16	Peaking Jurisdictional Factor	95.18370%	95.18370%		
17	Total Peaking Jurisdictionalized Capacity Costs	$303,157	$53,611	$249,546	465.5%
18					
19	Total Solar Capacity Costs	$214,906	$67,534	$147,373	218.2%
20	Solar Jurisdictional Factor	95.93140%	95.93140%		
21	Total Solar Jurisdictionalized Capacity Costs	$206,163	$64,786	$141,377	218.2%
22					
23	Jurisdictional Capacity Charges	$300,231,848	$291,876,857	$8,354,990	2.9%
24					
25	CCR Revenues (Net of Revenue Taxes)	$280,727,441	$275,309,761	$5,417,680	2.0%
26	Prior Period True-up Provision	$11,306,429	$11,306,429	-	N/A
27	SoBRA True-Up	$204,750	$204,750	-	N/A
28	GBRA True-Up	$5,055,917	$5,055,917	-	N/A
29	CCR Revenues Applicable to Current Period (Net of Revenue Taxes)	$297,294,537	$291,876,857	$5,417,680	1.9%
30					
31	True-up Provision for Month - Over/(Under) Recovery	($2,937,311)	-	($2,937,311)	N/A
32	Interest Provision for the Month	$15,242	-	$15,242	N/A
33	True-up & Interest Provision Beginning of Year - Over/(Under) Recovery	$16,567,096	$16,567,096	-	N/A
34	Deferred True-up - Over/(Under) Recovery	($303,311)	-	($303,311)	N/A
35	Prior Period True-up Provision - Collected/(Refunded) this Month	($11,306,429)	($11,306,429)	-	N/A
36	SoBRA True-Up	($204,750)	($204,750)	-	N/A
37	GBRA True-Up	($5,055,917)	($5,055,917)	-	N/A
38	End of Period True-up - Over/(Under) Recovery	($3,225,380)	-	($3,225,380)	N/A
39					
40					
41	Note: Jurisdictional separation factors approved in Order No. PSC-2021-0442-FOF-EI				
42	Totals may not add due to rounding				

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
Actual/Estimated True-Up
Return on Capital Investments, Depreciation and Taxes

FOR THE ACTUAL/ESTIMATED PERIOD OF: JANUARY 2022 THROUGH DECEMBER 2022

	Beginning of Period	a-Jan - 2022	a-Feb - 2022	a-Mar - 2022	a-Apr - 2022	a-May - 2022	a-Jun - 2022	Jul - 2022	Aug - 2022	Sep - 2022	Oct - 2022	Nov - 2022	Dec - 2022	Total
202-INCREMENTAL SECURITY														
Base														
1. Investments														
a. Expenditures		$102,335	$148,479	$1,154,140	$154,783	$1,462,681	$156,727	$355,753	$214,654	$1,803,260	$396,979	$757,650	$1,075,259	$7,782,700
b. Additions to Plants		-	-	-	-	-	-	$643,606	$596,483	$729,055	$692,574	$699,723	$740,978	$4,102,419
c. Retirements		($344,458)	-	-	-	-	-	-	-	-	-	-	-	($344,458)
d. Cost of Removal		($2,947)	($1,781)	($31,523)	($2,724)	($43,013)	($3,828)	-	-	-	-	-	-	($85,816)
e. Salvage		-	-	-	-	-	-	-	-	-	-	-	-	-
f. Transfer Adjustments/Other		-	-	-	-	-	-	-	-	-	-	-	-	-
														-
2. Plant-In-Service/Depreciation Base	$38,449,806	$38,105,348	$38,105,348	$38,105,348	$38,105,348	$38,105,348	$38,105,348	$38,748,954	$39,345,437	$40,074,492	$40,767,066	$41,466,789	$42,207,768	
3. Less: Accumulated Depreciation	$5,202,280	$4,962,801	$5,066,895	$5,141,247	$5,244,398	$5,307,260	$5,409,307	$5,516,675	$5,624,968	$5,734,249	$5,844,602	$5,956,023	$6,068,568	
4. CWIP - Non Interest Bearing	$2,867,564	$2,969,899	$3,118,378	$4,272,517	$4,427,301	$5,889,982	$6,046,709	$5,758,855	$5,377,027	$6,451,232	$6,155,636	$6,213,563	$6,547,844	
5. Net Investment (Lines 2 - 3 + 4)	$36,115,089	$36,112,446	$36,156,831	$37,236,618	$37,288,251	$38,688,070	$38,742,749	$38,991,134	$39,097,496	$40,791,474	$41,078,101	$41,724,329	$42,687,044	
6. Average Net Investment		$36,113,767	$36,134,638	$36,696,725	$37,262,434	$37,988,160	$38,715,410	$38,866,942	$39,044,315	$39,944,485	$40,934,788	$41,401,215	$42,205,686	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes [1][3]		$210,157	$210,278	$213,549	$216,841	$221,065	$225,297	$226,272	$227,305	$232,545	$238,311	$241,026	$245,709	$2,708,356
b. Debt Component (Line 6 x debt rate) [2][3]		$35,688	$35,708	$36,264	$36,823	$37,540	$38,259	$37,390	$37,561	$38,427	$39,379	$39,828	$40,602	$453,467
8. Investment Expenses														
a. Depreciation		$107,925	$105,875	$105,875	$105,875	$105,875	$105,875	$107,368	$108,293	$109,281	$110,352	$111,421	$112,545	$1,296,561
b. Amortization		-	-	-	-	-	-	-	-	-	-	-	-	-
c. Dismantlements		-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other		-	-	-	-	-	-	-	-	-	-	-	-	-
9. Total System Recoverable Expenses (Lines 7 & 8)		$353,770	$351,862	$355,688	$359,539	$364,480	$369,430	$371,030	$373,158	$380,253	$388,042	$392,275	$398,856	$4,458,384

[1] The gross-up factor for taxes is 1/.74655, which reflects the Federal Income Tax Rate of 21%. The equity component for the period Jan – Jun is 5.2133% and Jul – Dec is 5.2154% based on FPL's most recent financial forecast.

[2] The debt component for the period Jan – Jun is 1.1858% and Jul – Dec is 1.1544% based on FPL's most recent financial forecast.

[3] Per Order No. PSC-2020-0165-PAA-EU, WACC is based on the approved ROE midpoint and the proration formula adjustment to accumulated deferred federal income taxes.

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
Actual/Estimated True-Up
Return on Capital Investments, Depreciation and Taxes

FOR THE ACTUAL/ESTIMATED PERIOD OF: JANUARY 2022 THROUGH DECEMBER 2022

Line	Beginning of Period	a-Jan - 2022	a-Feb - 2022	a-Mar - 2022	a-Apr - 2022	a-May - 2022	a-Jun - 2022	Jul - 2022	Aug - 2022	Sep - 2022	Oct - 2022	Nov - 2022	Dec - 2022	Total
202-INCREMENTAL SECURITY														
Intermediate														
1. Investments														
a. Expenditures		-	-	-	-	-	-	$77,446	$77,446	$77,446	$77,446	$77,446	$77,446	$464,675
b. Additions to Plants		-	-	-	-	-	-	$17,525	$31,084	$41,575	$49,692	$55,972	$60,832	$256,680
c. Retirements		($64,560)	-	-	-	-	-	($614)	($614)	($614)	($614)	($614)	($614)	($68,244)
d. Cost of Removal		-	-	-	-	-	-	-	-	-	-	-	-	-
e. Salvage		-	-	-	-	-	-	-	-	-	-	-	-	-
f. Transfer Adjustments/Other		-	-	-	-	-	-	-	-	-	-	-	-	-
														-
2. Plant-In-Service/Depreciation Base	$7,521,852	$7,457,292	$7,457,292	$7,457,292	$7,457,292	$7,457,292	$7,457,292	$7,474,203	$7,504,673	$7,545,634	$7,594,712	$7,650,070	$7,710,288	
3. Less: Accumulated Depreciation	$793,646	$746,238	$763,184	$780,130	$797,077	$814,023	$830,970	$847,329	$863,768	$880,327	$897,036	$913,919	$930,995	
4. CWIP - Non Interest Bearing	$36,634	$36,634	$36,634	$36,634	$36,634	$36,634	$36,634	$96,555	$142,917	$178,788	$206,542	$228,015	$244,629	
5. Net Investment (Lines 2 - 3 + 4)	$6,764,840	$6,747,689	$6,730,742	$6,713,796	$6,696,849	$6,679,903	$6,662,957	$6,723,429	$6,783,822	$6,844,095	$6,904,218	$6,964,166	$7,023,922	
6. Average Net Investment		$6,756,264	$6,739,215	$6,722,269	$6,705,323	$6,688,376	$6,671,430	$6,693,193	$6,753,625	$6,813,958	$6,874,156	$6,934,192	$6,994,044	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes [1][3]		$39,317	$39,218	$39,119	$39,020	$38,922	$38,823	$38,966	$39,318	$39,669	$40,019	$40,369	$40,717	$473,476
b. Debt Component (Line 6 x debt rate) [2][3]		$6,677	$6,660	$6,643	$6,626	$6,609	$6,593	$6,439	$6,497	$6,555	$6,613	$6,671	$6,728	$79,310
8. Investment Expenses														
a. Depreciation		$17,151	$16,946	$16,946	$16,946	$16,946	$16,946	$16,974	$17,053	$17,173	$17,323	$17,497	$17,690	$205,593
b. Amortization		-	-	-	-	-	-	-	-	-	-	-	-	-
c. Dismantlements		-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other		-	-	-	-	-	-	-	-	-	-	-	-	-
9. Total System Recoverable Expenses (Lines 7 & 8)		$63,145	$62,824	$62,708	$62,593	$62,478	$62,362	$62,378	$62,868	$63,397	$63,955	$64,537	$65,136	$758,380

[1] The gross-up factor for taxes is 1/.74655, which reflects the Federal Income Tax Rate of 21%. The equity component for the period Jan – Jun is 5.2133% and Jul – Dec is 5.2154% based on FPL's most recent financial forecast.

[2] The debt component for the period Jan – Jun is 1.1858% and Jul – Dec is 1.1544% based on FPL's most recent financial forecast.

[3] Per Order No. PSC-2020-0165-PAA-EU, WACC is based on the approved ROE midpoint and the proration formula adjustment to accumulated deferred federal income taxes.

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
Actual/Estimated True-Up
Return on Capital Investments, Depreciation and Taxes

FOR THE ACTUAL/ESTIMATED PERIOD OF: JANUARY 2022 THROUGH DECEMBER 2022

Line	Beginning of Period	a-Jan - 2022	a-Feb - 2022	a-Mar - 2022	a-Apr - 2022	a-May - 2022	a-Jun - 2022	Jul - 2022	Aug - 2022	Sep - 2022	Oct - 2022	Nov - 2022	Dec - 2022	2022
202-INCREMENTAL SECURITY														
Peaking														
1. Investments														
a. Expenditures		-	-	-	-	-	-	-	-	-	-	-	-	-
b. Additions to Plants		-	-	-	-	-	-	-	-	-	-	-	-	-
c. Retirements		($85,655)	-	-	-	-	-	-	-	-	-	-	-	($85,655)
d. Cost of Removal		-	-	-	-	-	-	-	-	-	-	-	-	-
e. Salvage		-	-	-	-	-	-	-	-	-	-	-	-	-
f. Transfer Adjustments/Other		-	-	-	-	-	-	-	-	-	-	-	-	-
														-
2. Plant-In-Service/Depreciation Base	$810,183	$724,529	$724,529	$724,529	$724,529	$724,529	$724,529	$724,529	$724,529	$724,529	$724,529	$724,529	$724,529	
3. Less: Accumulated Depreciation	$211,916	$129,185	$130,294	$131,403	$132,512	$133,621	$134,730	$135,839	$136,948	$138,057	$139,166	$140,275	$141,385	
4. CWIP - Non Interest Bearing	($36,696)	($36,696)	($36,696)	($36,696)	($36,696)	($36,696)	($36,696)	($36,696)	($36,696)	($36,696)	($36,696)	($36,696)	($36,696)	
5. Net Investment (Lines 2 - 3 + 4)	$561,571	$558,648	$557,539	$556,430	$555,321	$554,212	$553,102	$551,993	$550,884	$549,775	$548,666	$547,557	$546,448	
6. Average Net Investment		$560,110	$558,093	$556,984	$555,875	$554,766	$553,657	$552,548	$551,439	$550,330	$549,221	$548,112	$547,003	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes [1][3]		$3,259	$3,248	$3,241	$3,235	$3,228	$3,222	$3,217	$3,210	$3,204	$3,197	$3,191	$3,184	$38,637
b. Debt Component (Line 6 x debt rate) [2][3]		$554	$552	$550	$549	$548	$547	$532	$530	$529	$528	$527	$526	$6,473
8. Investment Expenses														
a. Depreciation		$2,924	$1,109	$1,109	$1,109	$1,109	$1,109	$1,109	$1,109	$1,109	$1,109	$1,109	$1,109	$15,123
b. Amortization		-	-	-	-	-	-	-	-	-	-	-	-	-
c. Dismantlements		-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other		-	-	-	-	-	-	-	-	-	-	-	-	-
9. Total System Recoverable Expenses (Lines 7 & 8)		$6,736	$4,908	$4,901	$4,893	$4,886	$4,878	$4,857	$4,850	$4,842	$4,835	$4,827	$4,820	$60,234

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(2) The debt component for the period Jan – Jun is 1.1858% and Jul – Dec is 1.1544% based on FPL's most recent financial forecast.

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FLORIDA POWER & LIGHT COMPANY
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Line	Beginning of Period	a-Jan - 2022	a-Feb - 2022	a-Mar - 2022	a-Apr - 2022	a-May - 2022	a-Jun - 2022	Jul - 2022	Aug - 2022	Sep - 2022	Oct - 2022	Nov - 2022	Dec - 2022	Total
203-INCREMENTAL SECURITY - SOLAR														
Solar														
1. Investments														
a. Expenditures		-	-	-	-	-	-	-	-	-	-	-	-	-
b. Additions to Plants		-	-	-	-	-	-	-	-	-	-	-	-	-
c. Retirements		-	-	-	-	-	-	-	-	-	-	-	-	-
d. Cost of Removal		-	-	-	-	-	-	-	-	-	-	-	-	-
e. Salvage		-	-	-	-	-	-	-	-	-	-	-	-	-
f. Transfer Adjustments/Other		-	-	-	-	-	-	-	-	-	-	-	-	-
														-
2. Plant-In-Service/Depreciation Base	$329,524	$329,524	$329,524	$329,524	$329,524	$329,524	$329,524	$329,524	$329,524	$329,524	$329,524	$329,524	$329,524	
3. Less: Accumulated Depreciation	$55,558	$59,481	$63,404	$67,327	$71,249	$75,172	$79,095	$82,895	$86,694	$90,493	$94,293	$98,092	$101,891	
4. CWIP - Non Interest Bearing	-	-	-	-	-	-	-	-	-	-	-	-	-	
5. Net Investment (Lines 2 - 3 + 4)	$273,966	$270,043	$266,121	$262,198	$258,275	$254,352	$250,429	$246,630	$242,830	$239,031	$235,232	$231,432	$227,633	
6. Average Net Investment		$272,005	$268,082	$264,159	$260,236	$256,313	$252,390	$248,529	$244,730	$240,931	$237,131	$233,332	$229,533	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes [1][3]		$1,583	$1,560	$1,537	$1,514	$1,492	$1,469	$1,447	$1,425	$1,403	$1,381	$1,358	$1,336	$17,504
b. Debt Component (Line 6 x debt rate) [2][3]		$269	$265	$261	$257	$253	$249	$239	$235	$232	$228	$224	$221	$2,934
8. Investment Expenses														
a. Depreciation		$3,923	$3,923	$3,923	$3,923	$3,923	$3,923	$3,799	$3,799	$3,799	$3,799	$3,799	$3,799	$46,333
b. Amortization		-	-	-	-	-	-	-	-	-	-	-	-	-
c. Dismantlements		-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other		-	-	-	-	-	-	-	-	-	-	-	-	-
9. Total System Recoverable Expenses (Lines 7 & 8)		$5,775	$5,748	$5,721	$5,694	$5,668	$5,641	$5,485	$5,460	$5,434	$5,408	$5,382	$5,356	$66,772

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[2] The debt component for the period Jan – Jun is 1.1858% and Jul – Dec is 1.1544% based on FPL's most recent financial forecast.

[3] Per Order No. PSC-2020-0165-PAA-EU, WACC is based on the approved ROE midpoint and the proration formula adjustment to accumulated deferred federal income taxes.

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
Actual/Estimated True-Up
Return on Capital Investments, Depreciation and Taxes

FOR THE ACTUAL/ESTIMATED PERIOD OF: JANUARY 2022 THROUGH DECEMBER 2022

Line	Beginning of Period	a-Jan - 2022	a-Feb - 2022	a-Mar - 2022	a-Apr - 2022	a-May - 2022	a-Jun - 2022	Jul - 2022	Aug - 2022	Sep - 2022	Oct - 2022	Nov - 2022	Dec - 2022	Total
201-FUKUSHIMA														
Base														
1. Investments														
a. Expenditures		($0)	-	-	-	-	-	-	-	-	-	-	-	($0)
b. Additions to Plants		$1,886,752	-	-	-	-	-	$47	$42	$37	$33	$29	$26	$1,886,966
c. Retirements		($540,749)	($148,590)	($12,785)	($872,762)	($45,415)	($15,520)	($208,401)	($43,265)	($546,185)	($219,878)	($829,321)	($222,186)	($3,705,057)
d. Cost of Removal		($501)	($1,382)	($1,202)	($2,828)	($1,218)	($1,825)	-	-	-	-	-	-	($8,956)
e. Salvage		-	-	-	-	-	-	-	-	-	-	-	-	-
f. Transfer Adjustments/Other		-	-	-	-	-	-	-	-	-	-	-	-	-
														-
2. Plant-In-Service/Depreciation Base	$103,365,938	$104,711,941	$104,563,351	$104,550,565	$103,677,804	$103,632,389	$103,616,869	$103,408,515	$103,365,292	$102,819,144	$102,599,299	$101,770,007	$101,547,848	
3. Less: Accumulated Depreciation	$11,531,718	$11,240,763	$11,339,059	$11,572,378	$10,938,824	$11,128,762	$11,347,625	$11,374,691	$11,567,533	$11,256,084	$11,268,522	$10,667,409	$10,669,312	
4. CWIP - Non Interest Bearing	$1,886,753	$0	$0	$0	$0	$0	$0	($46)	($88)	($125)	($158)	($188)	($214)	
5. Net Investment (Lines 2 - 3 + 4)	$93,720,973	$93,471,178	$93,224,292	$92,978,188	$92,738,980	$92,503,627	$92,269,244	$92,033,778	$91,797,671	$91,562,934	$91,330,619	$91,102,410	$90,878,322	
6. Average Net Investment		$93,596,075	$93,347,735	$93,101,240	$92,858,584	$92,621,304	$92,386,436	$92,151,511	$91,915,724	$91,680,302	$91,446,776	$91,216,514	$90,990,366	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes [1][3]		$544,664	$543,219	$541,784	$540,372	$538,991	$537,625	$536,480	$535,107	$533,736	$532,377	$531,036	$529,720	$6,445,111
b. Debt Component (Line 6 x debt rate) [2][3]		$92,492	$92,246	$92,003	$91,763	$91,528	$91,296	$88,650	$88,423	$88,196	$87,972	$87,750	$87,533	$1,079,852
8. Investment Expenses														
a. Depreciation		$250,295	$248,268	$247,307	$242,036	$236,571	$236,208	$235,467	$236,107	$234,737	$232,315	$228,209	$224,088	$2,851,606
b. Amortization		-	-	-	-	-	-	-	-	-	-	-	-	-
c. Dismantlements		-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other		-	-	-	-	-	-	-	-	-	-	-	-	-
9. Total System Recoverable Expenses (Lines 7 & 8)		$887,451	$883,732	$881,094	$874,171	$867,090	$865,129	$860,596	$859,637	$856,670	$852,664	$846,995	$841,341	$10,376,569

[1] The gross-up factor for taxes is 1/.74655, which reflects the Federal Income Tax Rate of 21%. The equity component for the period Jan – Jun is 5.2133% and Jul – Dec is 5.2154% based on FPL's most recent financial forecast.

[2] The debt component for the period Jan – Jun is 1.1858% and Jul – Dec is 1.1544% based on FPL's most recent financial forecast.

[3] Per Order No. PSC-2020-0165-PAA-EU, WACC is based on the approved ROE midpoint and the proration formula adjustment to accumulated deferred federal income taxes.

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
Actual/Estimated True-Up
Cedar Bay Transaction - Regulatory Asset Related to the Loss of the PPA and Income Tax Gross-Up

FOR THE ACTUAL/ESTIMATED PERIOD OF: JANUARY 2022 THROUGH DECEMBER 2022

Line No.	Line	Beginning of Period	a-Jan - 2022	a-Feb - 2022	a-Mar - 2022	a-Apr - 2022	a-May - 2022	a-Jun - 2022	Jul - 2022	Aug - 2022	Sep - 2022	Oct - 2022	Nov - 2022	Dec - 2022	Total
1	Regulatory Asset Loss of PPA [1]		$167,303,589	$162,656,267	$158,008,945	$153,361,623	$148,714,301	$144,066,979	$139,419,657	$134,772,335	$130,125,013	$125,477,691	$120,830,369	$116,183,047	
2															
3	Regulatory Asset - Loss of PPA Amort		$4,647,322	$4,647,322	$4,647,322	$4,647,322	$4,647,322	$4,647,322	$4,647,322	$4,647,322	$4,647,322	$4,647,322	$4,647,322	$4,647,322	$55,767,864
4															
5	Unamortized Regulatory Asset - Loss of PPA	$167,303,589	$162,656,267	$158,008,945	$153,361,623	$148,714,301	$144,066,979	$139,419,657	$134,772,335	$130,125,013	$125,477,691	$120,830,369	$116,183,047	$111,535,725	
6															
7	Average Unamortized Regulatory Asset - Loss of PPA		$164,979,928	$160,332,606	$155,685,284	$151,037,962	$146,390,640	$141,743,318	$137,095,996	$132,448,674	$127,801,352	$123,154,030	$118,506,708	$113,859,386	
8															
9	Regulatory Asset - Income Tax Gross Up [1]		$105,066,901	$102,148,376	$99,229,851	$96,311,326	$93,392,801	$90,474,276	$87,555,751	$84,637,226	$81,718,701	$78,800,176	$75,881,651	$72,963,126	
10															
11	Regulatory Asset Amortization - Income Tax Gross-Up		$2,918,525	$2,918,525	$2,918,525	$2,918,525	$2,918,525	$2,918,525	$2,918,525	$2,918,525	$2,918,525	$2,918,525	$2,918,525	$2,918,525	$35,022,300
12															
13	Unamortized Regulatory Asset - Income Tax Gross Up	$105,066,901	$102,148,376	$99,229,851	$96,311,326	$93,392,801	$90,474,276	$87,555,751	$84,637,226	$81,718,701	$78,800,176	$75,881,651	$72,963,126	$70,044,601	
14															
15	Return on Unamortized Regulatory Asset - Loss of PPA only														
16	Equity Component		$716,739	$696,549	$676,359	$656,169	$635,979	$615,790	$595,847	$575,648	$555,450	$535,252	$515,054	$494,856	$7,269,692
17															
18	Equity Comp. grossed up for taxes [2][4]		$960,068	$933,024	$905,980	$878,936	$851,891	$824,847	$798,134	$771,078	$744,023	$716,967	$689,912	$662,857	$9,737,717
19															
20	Debt Component [3][4]		$163,033	$158,441	$153,848	$149,256	$144,663	$140,071	$131,886	$127,416	$122,945	$118,474	$114,003	$109,533	$1,633,569
21															
22	Total Return Requirements (Line 18 + 20)		$1,123,101	$1,091,465	$1,059,828	$1,028,191	$996,555	$964,918	$930,020	$898,494	$866,968	$835,442	$803,916	$772,389	$11,371,285
23	Total Recoverable Costs (Line 3 + 11 + 22)		$8,688,948	$8,657,312	$8,625,675	$8,594,038	$8,562,402	$8,530,765	$8,495,867	$8,464,341	$8,432,815	$8,401,289	$8,369,763	$8,338,236	$102,161,449
24															
25															

26 [1] Recovery of the Cedar Bay Transaction is based on the settlement agreement approved by the FPSC in Docket No. 150075-EI, Order No. PSC-15-0401-AS-EI.

27 [2] The gross-up factor for taxes is 1/.74655, which reflects the Federal Income Tax Rate of 21%. The equity component for the period Jan – Jun is 5.2133% and Jul – Dec is 5.2154% based on FPL's most recent financial forecast.

28 [3] The debt component for the period Jan – Jun is 1.1858% and Jul – Dec is 1.1544% based on FPL's most recent financial forecast.

29 [4] Per Order No. PSC-2020-0165-PAA-EU, WACC is based on the approved ROE midpoint and the proration formula adjustment to accumulated deferred federal income taxes.

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
Actual/Estimated True-Up
Cedar Bay Transaction - Regulatory Liability - Book/Tax Timing Difference Associated to Plant Asset

FOR THE ACTUAL/ESTIMATED PERIOD OF: JANUARY 2022 THROUGH DECEMBER 2022

Line No.	Line	Beginning of Period	a-Jan - 2022	a-Feb - 2022	a-Mar - 2022	a-Apr - 2022	a-May - 2022	a-Jun - 2022	Jul - 2022	Aug - 2022	Sep - 2022	Oct - 2022	Nov - 2022	Dec - 2022	Total
1	Regulatory Liability - Book/Tax Timing Difference [1]		($2,191,285)	($2,130,417)	($2,069,549)	($2,008,681)	($1,947,813)	($1,886,945)	($1,826,077)	($1,765,209)	($1,704,341)	($1,643,473)	($1,582,605)	($1,521,737)	
2															
3	Regulatory Liability Amortization		$60,868	$60,868	$60,868	$60,868	$60,868	$60,868	$60,868	$60,868	$60,868	$60,868	$60,868	$60,868	$730,416
4															
5	Unamortized Regulatory Liability - Book/Tax Timing Diff		($2,130,417)	($2,069,549)	($2,008,681)	($1,947,813)	($1,886,945)	($1,826,077)	($1,765,209)	($1,704,341)	($1,643,473)	($1,582,605)	($1,521,737)	($1,460,869)	
6															
7	Average Unamortized Regulatory Liability - Book/Tax Timing Difference		($2,160,851)	($2,099,983)	($2,039,115)	($1,978,247)	($1,917,379)	($1,856,511)	($1,795,643)	($1,734,775)	($1,673,907)	($1,613,039)	($1,552,171)	($1,491,303)	
8															
9	Return on Unamortized Regulatory Asset - Loss of PPA only														
10	Equity Component		($9,388)	($9,123)	($8,859)	($8,594)	($8,330)	($8,065)	($7,804)	($7,540)	($7,275)	($7,011)	($6,746)	($6,482)	($95,216)
11															
12	Equity Comp. grossed up for taxes [2][4]		($12,575)	($12,220)	($11,866)	($11,512)	($11,158)	($10,804)	($10,454)	($10,099)	($9,745)	($9,391)	($9,036)	($8,682)	($127,542)
13															
14	Debt Component [3][4]		($2,135)	($2,075)	($2,015)	($1,955)	($1,895)	($1,835)	($1,727)	($1,669)	($1,610)	($1,552)	($1,493)	($1,435)	($21,396)
15															
16	Total Return Requirements (Line 12 + 14)		($14,710)	($14,296)	($13,881)	($13,467)	($13,053)	($12,638)	($12,181)	($11,768)	($11,355)	($10,942)	($10,529)	($10,117)	($148,938)
17	Total Recoverable Costs (Line 3 - 16)		($75,578)	($75,164)	($74,749)	($74,335)	($73,921)	($73,506)	($73,049)	($72,636)	($72,223)	($71,810)	($71,397)	($70,985)	($879,354)
18															

19 [1] Recovery of the Cedar Bay Transaction is based on the settlement agreement approved by the FPSC in Docket No. 150075-EI, Order No. PSC-15-0401-AS-EI.

20 [2] The gross-up factor for taxes is 1/.74655, which reflects the Federal Income Tax Rate of 21%. The equity component for the period Jan – Jun is 5.2133% and Jul – Dec is 5.2154% based on FPL's most recent financial forecast.

21 [3] The debt component for the period Jan – Jun is 1.1858% and Jul – Dec is 1.1544% based on FPL's most recent financial forecast.

22 [4] Per Order No. PSC-2020-0165-PAA-EU, WACC is based on the approved ROE midpoint and the proration formula adjustment to accumulated deferred federal income taxes.

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
Actual/Estimated True-Up
Indiantown Transaction - Regulatory Asset Related to the Loss of the PPA and Income Tax Gross-Up

FOR THE ACTUAL/ESTIMATED PERIOD OF: JANUARY 2022 THROUGH DECEMBER 2022

Line No.	Line	Beginning of Period	a-Jan - 2022	a-Feb - 2022	a-Mar - 2022	a-Apr - 2022	a-May - 2022	a-Jun - 2022	Jul - 2022	Aug - 2022	Sep - 2022	Oct - 2022	Nov - 2022	Dec - 2022	Total
1	Regulatory Asset Loss of PPA [1]		$200,666,666	$196,486,110	$192,305,555	$188,124,999	$183,944,444	$179,763,888	$175,583,332	$171,402,777	$167,222,221	$163,041,666	$158,861,110	$154,680,555	
2															
3	Regulatory Asset - Loss of PPA Amort		$4,180,556	$4,180,556	$4,180,556	$4,180,556	$4,180,556	$4,180,556	$4,180,556	$4,180,556	$4,180,556	$4,180,556	$4,180,556	$4,180,556	$50,166,667
4															
5	Unamortized Regulatory Asset - Loss of PPA	$200,666,666	$196,486,110	$192,305,555	$188,124,999	$183,944,444	$179,763,888	$175,583,332	$171,402,777	$167,222,221	$163,041,666	$158,861,110	$154,680,555	$150,499,999	
6															
7	Average Unamortized Regulatory Asset - Loss of PPA		$198,576,388	$194,395,832	$190,215,277	$186,034,721	$181,854,166	$177,673,610	$173,493,055	$169,312,499	$165,131,944	$160,951,388	$156,770,832	$152,590,277	
8															
9	Return on Unamortized Regulatory Asset - Loss of PPA only														
10	Equity Component		$862,695	$844,533	$826,371	$808,209	$790,047	$771,885	$754,036	$735,866	$717,696	$699,527	$681,357	$663,188	$9,155,412
11															
12	Equity Comp. grossed up for taxes [2][4]		$1,155,576	$1,131,248	$1,106,920	$1,082,592	$1,058,264	$1,033,936	$1,010,027	$985,689	$961,351	$937,013	$912,675	$888,337	$12,263,628
13															
14	Debt Component [3][4]		$196,233	$192,102	$187,971	$183,840	$179,708	$175,577	$166,900	$162,879	$158,857	$154,835	$150,814	$146,792	$2,056,507
15															
16	Total Return Requirements (Line 12 + 14)		$1,351,809	$1,323,350	$1,294,891	$1,266,432	$1,237,973	$1,209,513	$1,176,927	$1,148,567	$1,120,208	$1,091,848	$1,063,488	$1,035,129	$14,320,135
17	Total Recoverable Costs (Line 3 + 16)		$5,532,365	$5,503,906	$5,475,446	$5,446,987	$5,418,528	$5,390,069	$5,357,483	$5,329,123	$5,300,763	$5,272,404	$5,244,044	$5,215,684	$64,486,802
18															
19															

20 [1] Recovery of the Indiantown Transaction is based on the settlement agreement approved by the FPSC in Docket No. 160154-EI, Order No. PSC-16-0506-FOF-EI.

21 [2] The gross-up factor for taxes is 1/.74655, which reflects the Federal Income Tax Rate of 21%. The equity component for the period Jan – Jun is 5.2133% and Jul – Dec is 5.2154% based on FPL's most recent financial forecast.

22 [3] The debt component for the period Jan – Jun is 1.1858% and Jul – Dec is 1.1544% based on FPL's most recent financial forecast.

23 [4] Per Order No. PSC-2020-0165-PAA-EU, WACC is based on the approved ROE midpoint and the proration formula adjustment to accumulated deferred federal income taxes.

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
Actual/Estimated True-Up
COVID 19 Regulatory Asset Recoverable Expenses

FOR THE ACTUAL/ESTIMATED PERIOD OF: JANUARY 2022 THROUGH DECEMBER 2022

Line	Beginning of Period	Jan - 2022	Feb - 2022	Mar - 2022	Apr - 2022	May - 2022	Jun - 2022	Jul - 2022	Aug - 2022	Sep - 2022	Oct - 2022	Nov - 2022	Dec - 2022	Total
COVID-19 Regulatory Asset														
1. Regulatory Asset Balance [1]	-	$13,200,000	$12,833,333	$12,466,667	$12,100,000	$11,733,333	$11,366,667	$11,000,000	$10,633,333	$10,266,667	$9,900,000	$9,533,333	$9,166,667	
2. Less: Amortization		($366,667)	($366,667)	($366,667)	($366,667)	($366,667)	($366,667)	($366,667)	($366,667)	($366,667)	($366,667)	($366,667)	($366,667)	($4,400,000)
3. Net Regulatory Asset Balance (Lines 1+2)	-	$12,833,333	$12,466,667	$12,100,000	$11,733,333	$11,366,667	$11,000,000	$10,633,333	$10,266,667	$9,900,000	$9,533,333	$9,166,667	$8,800,000	
4. Average Net Regulatory Asset Balance		$6,416,667	$12,650,000	$12,283,333	$11,916,667	$11,550,000	$11,183,333	$10,816,667	$10,450,000	$10,083,333	$9,716,667	$9,350,000	$8,983,333	
5. Return on Average Net Regulatory Asset Balance														
a. Equity Component (Line 4 x equity rate grossed up for taxes)		-	-	-	-	-	-	-	-	-	-	-	-	-
b. Debt Component (Line 4 x debt rate) [2]		$19,303	$38,055	$36,952	$35,849	$34,746	$33,643	$32,540	$31,437	$30,334	$29,231	$28,128	$27,025	$377,243
6. Amortization Expense														
a. Recoverable Costs		$366,667	$366,667	$366,667	$366,667	$366,667	$366,667	$366,667	$366,667	$366,667	$366,667	$366,667	$366,667	$4,400,000
b. Other		-	-	-	-	-	-	-	-	-	-	-	-	-
7. Total System Recoverable Expenses (Lines 5 + 6)		$385,970	$404,722	$403,619	$402,516	$401,413	$400,310	$399,206	$398,103	$397,000	$395,897	$394,794	$393,691	$4,777,243

[1] Recovery of the COVID-19 asset is based on the settlement agreement approved by the FPSC in Docket No. 200200151 (Gulf).

[2] The embedded long-term debt component is 3.61% based on FPL's most recent financial forecast.

FLORIDA POWER & LIGHT COMPANY
COST RECOVERY CLAUSES
FORECASTED 2022 CONSOLIDATED @10.60%

CAPITAL STRUCTURE AND COST RATES (a)

	Adjusted Retail	Ratio	Midpoint Cost Rates	Weighted Cost	Pre-Tax Weighted Cost
Long term debt	$17,415,345,338	31.374%	3.61%	1.1311%	1.13%
Short term debt	$654,983,828	1.180%	0.94%	0.0111%	0.01%
Preferred stock	$0	0.000%	0.00%	0.0000%	0.00%
Customer Deposits	$455,338,901	0.820%	2.03%	0.0167%	0.02%
Common Equity [(b)]	$26,665,503,451	48.039%	10.60%	5.0921%	6.82%
Deferred Income Tax	$9,267,598,436	16.696%	0.00%	0.0000%	0.00%
Investment Tax Credits					
Zero cost	$0	0.000%	0.00%	0.0000%	0.00%
Weighted cost	$1,049,225,596	1.890%	7.84%	0.1481%	0.19%
TOTAL	$55,507,995,549	100.00%		6.3991%	8.17%

CALCULATION OF THE WEIGHTED COST FOR CONVERTIBLE INVESTMENT TAX CREDITS (C-ITC) [(c)]

	Adjusted Retail	Ratio	Cost Rate	Weighted Cost	Pre-Tax Cost
Long term debt	$17,415,345,338	39.51%	3.605%	1.424%	1.424%
Preferred Stock	$0	0.00%	0.000%	0.000%	0.000%
Common Equity	$26,665,503,451	60.49%	10.600%	6.412%	8.589%
TOTAL	$44,080,848,789	100.00%		7.836%	10.013%

RATIO

DEBT COMPONENTS	
Long term debt	1.1311%
Short term debt	0.0111%
Customer Deposits	0.0167%
Tax credits weighted	0.0269%
TOTAL DEBT	**1.1858%**

EQUITY COMPONENTS:	
PREFERRED STOCK	0.0000%
COMMON EQUITY	5.0921%
TAX CREDITS -WEIGHTED	0.1212%
TOTAL EQUITY	**5.2133%**
TOTAL	6.3991%
PRE-TAX EQUITY	6.9832%
PRE-TAX TOTAL	8.1690%

Note:

(a) Forecasted capital structure includes a deferred income tax proration adjustment consistent with FPSC Order No. PSC-2020-0165-PAA-EU, Docket No. 20200118-EU.

b) Cost rate for common equity represents FPL's mid-point return on equity approved by the FPSC in Order No. PSC-2021-0446-S-EI, Docket No. 20210015-EI.

FLORIDA POWER & LIGHT COMPANY

COST RECOVERY CLAUSES

2022 ACTUAL/ESTIMATED FILING WACC @10.60%

CAPITAL STRUCTURE AND COST RATES (a)

	Adjusted Retail	Ratio	Midpoint Cost Rates	Weighted Cost	Pre-Tax Weighted Cost
Long term debt	$16,876,484,145	30.262%	3.59%	1.0850%	1.08%
Short term debt	$1,299,606,420	2.330%	1.14%	0.0266%	0.03%
Preferred stock	$0	0.000%	0.00%	0.0000%	0.00%
Customer Deposits	$459,367,463	0.824%	2.14%	0.0177%	0.02%
Common Equity [(b)]	$26,818,614,203	48.089%	10.60%	5.0975%	6.83%
Deferred Income Tax	$9,303,763,128	16.683%	0.00%	0.0000%	0.00%
Investment Tax Credits					
Zero cost	$0	0.000%	0.00%	0.0000%	0.00%
Weighted cost	$1,010,611,193	1.812%	7.89%	0.1430%	0.18%
TOTAL	$55,768,446,553	100.00%		6.37%	8.14%

CALCULATION OF THE WEIGHTED COST FOR CONVERTIBLE INVESTMENT TAX CREDITS (C-ITC) [(c)]

	Adjusted Retail	Ratio	Cost Rate	Weighted Cost	Pre-Tax Cost
Long term debt	$16,876,484,145	38.62%	3.585%	1.385%	1.385%
Preferred Stock	$0	0.00%	0.000%	0.000%	0.000%
Common Equity	$26,818,614,203	61.38%	10.600%	6.506%	8.715%
TOTAL	$43,695,098,348	100.00%		7.891%	10.099%

RATIO

DEBT COMPONENTS	
Long term debt	1.0850%
Short term debt	0.0266%
Customer Deposits	0.0177%
Tax credits weighted	0.0251%
TOTAL DEBT	**1.1544%**

EQUITY COMPONENTS:	
PREFERRED STOCK	0.0000%
COMMON EQUITY	5.0975%
TAX CREDITS -WEIGHTED	0.1179%
TOTAL EQUITY	**5.2154%**
TOTAL	6.3697%
PRE-TAX EQUITY	6.9859%
PRE-TAX TOTAL	8.1403%

Note:

(a) Capital structure includes a deferred income tax proration adjustment consistent with FPSC Order No. PSC-2020-0165-PAA-EU, Docket No. 20200118-EU.

(b) Cost rate for common equity represents FPL's mid-point return on equity approved by the FPSC in Order No. PSC-2021-0446-S-EI, Docket No. 20210015-EI.

(c) This capital structure applies only to Convertible Investment Tax Credit (C-ITC)

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 20
PARTY: RBD-7
DESCRIPTION: 2023 FCR Projections

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
FUEL AND PURCHASED POWER COSTS RECOVERY FACTOR

SCHEDULE: E1

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)
Line No.		2023		
		Dollars	MWh	Cents/kWh
1	**Total Cost Of Generated Power**			
2	Net Cost of System Net Generation (E3)	5,088,984,344	136,312,273	3.7333
3	Fuel Cost of Stratified Sales	(100,205,117)	(2,001,862)	5.0056
4	Lease Costs	1,551,092	N/A	-
5	Adjustments to Fuel Costs (E2)	567,379	N/A	-
6		4,990,897,698	134,310,411	3.7159
8	**Total Cost Of Purchased Power**			
9	Fuel Cost of Purchased Power, Exclusive of Economy (E7)	178,999,635	3,909,903	4.5781
10	Energy Payments to Qualifying Facilities (E8)	33,324,075	688,856	4.8376
11	Energy Cost of Economy Purchases (E9)	14,885,310	314,850	4.7277
12		227,209,020	4,913,609	4.6241
13	TOTAL AVAILABLE		139,224,020	
15	**Total Fuel Cost And Gains Of Power Sales**			
16	Fuel Cost of Economy and Other Power Sales (E6)	(109,643,964)	(2,556,830)	4.2883
17	Gains from Off-System Sales (E6)	(26,300,527)	N/A	-
18	Fuel Cost of Unit Power Sales (SL2 Partpts) (E6)	(3,159,988)	(629,806)	0.5017
19		(139,104,479)	(3,186,636)	4.3652
21	**Total Incremental Optimization Costs**			
22	Incremental Personnel, Software, and Hardware Costs	517,870	N/A	-
23	Variable O&M Costs Attributable to Off-Systems Sales (E6)	1,227,278	N/A	-
24	Variable O&M Costs Avoided due to Economy Purchases (E9)	(151,128)	N/A	-
25	Optimization Credits	(17,500,000)	N/A	-
26		(15,905,980)	N/A	-
27	Total Fuel Costs & Net Power Transactions	5,063,096,259	136,037,384	3.7218
29	**Average Factor Calculation**			
30	Net Unbilled Sales [1]	16,658,939	447,599	0.0129
31	T & D Losses [1]	217,713,139	5,849,608	0.1680
32	Company Use [1]	5,063,096	136,037	0.0039
33	System MWH Sales (Excluding Stratified Sales)	5,063,096,259	129,604,140	3.9066
34	Wholesale MWH Sales (Excluding Stratified Sales)	217,961,231	5,579,274	3.9066
35	Jurisdictional MWH Sales	4,845,135,028	124,024,865	3.9066
36	Jurisdictional Line Loss Multiplier	8,188,278		1.00169
37	Jurisdictional kWh Sales Adjusted for Line Losses	4,853,323,306	124,024,865	3.9132
38	NET TRUE-UP (OVER)/UNDER RECOVERY [2]	(10,256,384)	124,024,865	(0.0083)
39	TOTAL JURISDICTIONAL FUEL COST	4,843,066,922	124,024,865	3.9049
40	GPIF [3]	6,994,619	124,024,865	0.0056
41	Asset Optimization - Company Portion [4]	13,178,912	124,024,865	0.0106
42	SolarTogether (ST) Credit	143,020,130	124,024,865	0.1153
43	Fuel Factor after adjustments	5,006,260,583	124,024,865	4.0364
44	FUEL FACTOR ROUNDED TO NEAREST .001 CENTS/KWH			4.036
45				
47	[1] For informational purposes only			
48	[2] Includes 2021 Final True-up for FPL and Gulf			
49	[3] Based on 2021 GPIF results for FPL and Gulf			
50	[4] Calculation based on Jurisdictional kWh sales			
51				
52	Note: Totals may not add due to rounding			

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
CALCULATION OF TOTAL TRUE-UP

SCHEDULE: E1-A

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)
Line No.		2023
1	Actual/Estimated over/(under) recovery [1]	N/A
2	Final over/(under) recovery [2]	$10,256,384
3	Total over/(under) recovery to be included in projected period [3]	$10,256,384
4		
5	Total Jurisdictional Sales (MWh)	124,024,865
6		
7	True-Up Factor (cents/kWh)	0.0083
8		
9		
10	[1] FPL has elected to defer its 2022 actual/estimated under-recovery at this time	
11	[2] Final True-up over/(under) recovery for January 2021 - December 2021	
12	[3] Projected Period January 2023 - December 2023 (Schedule E1, Line 38)	
13		
14	Note: Totals may not add due to rounding	

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
ADJUSTMENT FACTORS

SCHEDULE: E1-C

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

	2023
1. Total Adjustments	
A. Generating Performance Incentive - Reward/(Penalty) [1]	$6,994,619
B. True-Up (Over)/Under Recovered [2]	($10,256,384)
C. Asset Optimization - Company Portion [3]	$13,178,912
D. SolarTogether Credit	$143,020,130
	$152,937,277
2. Total Jurisdictional Sales (MWh)	124,024,865
3. Adjustment Factors (Cents/kWh)	
A. Generating Performance Incentive Factor	0.0056
B. True-Up Factor	(0.0083)
C. Asset Optimization - Company Portion	0.0106
D. SolarTogether Credit	0.1153
	0.1233

[1] Sum of GPIF results reflected on Exhibits CRR-1 and CRR-2, filed on March 16, 2022

[2] Final True-up over/(under) recovery for January 2021 - December 2021

[3] See Asset Optiimization Calculation schedule

Note: Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
COST RECOVERY CLAUSE CALCULATION

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)
Line No.	Asset Optimization Calculation	2023
1	Asset Optimization Gains [1]	$13,855,504
2		
3	Actuals Year	**2021**
4	Actual Retail kWh sales	112,176,528,921
5	Actual Total System kWh sales	117,935,552,853
6	Actual Average Jurisdictional % [2]	95.11680%
7		
8	Jurisdictionalized Asset Optimization Gains	$13,178,912
9		
10	Revenue Tax Factor	1.00000
11		
12	Asset Optimization Gains, Adjusted for Revenue Taxes	$13,178,912
13		
14	Projected Year	**2023**
15	Projected kWh Sales	124,024,865
16		
17	Asset Optimization Factor (cents/kWh)	0.0106
18		
19		
20	[1] Reflected on Exhibit GJY-1, filed on April 1, 2022	
21	[2] Reflected on Schedule E1-B, filed on April 1, 2022	

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
DEVELOPMENT OF SEASONALLY DIFFERENTIATED TIME OF USE MULTIPLIERS

SCHEDULE: E1-D

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Line No.		Jan - 2023	Feb - 2023	Mar - 2023	Apr - 2023	May - 2023	Jun - 2023	Jul - 2023	Aug - 2023	Sep - 2023	Oct - 2023	Nov - 2023	Dec - 2023	Total
1	On Peak Period													
2	System MWH Requirements	2,663,195	2,483,534	2,820,609	3,265,651	4,018,031	4,655,118	4,222,669	4,811,961	4,043,245	3,956,948	2,539,356	2,424,819	41,905,136
3	Marginal Cost	155,557,194	132,595,881	141,256,115	115,930,614	141,273,978	218,743,986	215,482,789	253,157,251	166,945,603	189,221,250	111,477,744	90,348,749	1,931,991,153
4	Average Marginal Cost (¢/kWh)	5.841	5.339	5.008	3.550	3.516	4.699	5.103	5.261	4.129	4.782	4.390	3.726	4.610
5														
6	Off Peak Period													
7	System MWH Requirements	7,923,738	7,118,147	7,534,255	7,557,974	8,241,208	8,424,941	9,797,310	9,196,042	8,905,103	8,139,467	7,807,876	8,070,635	98,716,696
8	Marginal Cost	434,934,004	375,909,339	333,842,824	258,558,295	276,080,465	301,191,630	414,818,086	422,558,118	348,901,951	334,287,929	282,957,417	291,107,817	4,075,147,875
9	Average Marginal Cost (¢/kWh)	5.489	5.281	4.431	3.421	3.350	3.575	4.234	4.595	3.918	4.107	3.624	3.607	4.128
10														
11	Total Period													
12	System MWH Requirements	10,586,933	9,601,681	10,354,864	10,823,625	12,259,239	13,080,059	14,019,978	14,008,002	12,948,349	12,096,415	10,347,232	10,495,454	140,621,832
13	Marginal Cost	590,491,198	508,505,220	475,098,939	374,488,909	417,354,443	519,935,616	630,300,875	675,715,370	515,847,554	523,509,179	394,435,161	381,456,566	6,007,139,028
14	Average Marginal Cost (¢/kWh)	5.578	5.296	4.588	3.460	3.404	3.975	4.496	4.824	3.984	4.328	3.812	3.634	4.272
15														
16	Marginal Fuel Cost													
17	On-Peak Period													1.079
18	Off-Peak Period													0.966
19	Average													1.000
20														
21	Note: Totals may not add due to rounding													

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
DEVELOPMENT OF SEASONALLY DIFFERENTIATED TIME OF USE MULTIPLIERS

SCHEDULE: E1-D

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)
Line No.		Jun - 2023	Jul - 2023	Aug - 2023	Sep - 2023	Total
1	On Peak Period					
2	System MWH Requirements	1,618,309	1,463,163	1,669,466	1,400,539	6,151,476
3	Marginal Cost	94,590,177	85,141,459	110,101,253	64,690,874	354,523,764
4	Average Marginal Cost (¢/kWh)	5.845	5.819	6.595	4.619	5.763
5						
6	Off Peak Period					
7	System MWH Requirements	11,461,749	12,556,815	12,338,537	11,547,810	47,904,912
8	Marginal Cost	425,345,514	545,216,919	565,598,531	451,172,948	1,987,333,912
9	Average Marginal Cost (¢/kWh)	3.711	4.342	4.584	3.907	4.148
10						
11	Total Period					
12	System MWH Requirements	13,080,059	14,019,978	14,008,002	12,948,349	54,056,388
13	Marginal Cost	519,935,692	630,358,378	675,699,784	515,863,822	2,341,857,675
14	Average Marginal Cost (¢/kWh)	3.975	4.496	4.824	3.984	4.332
15						
16	Marginal Fuel Cost					
17	On-Peak Period					1.330
18	Off-Peak Period					0.958
19	Average					1.000
20						
21	Note: Totals may not add due to rounding					

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
FUEL RECOVER FACTORS BY RATE GROUP

SCHEDULE: E1-E

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)
Line No.	GROUPS	RATE SCHEDULE	Average Factor	Fuel Recovery Loss Multiplier	Fuel Recovery Factor
1	A	RS-1 first 1,000 kWh	4.036	1.00283	3.745
2	A	RS-1 all additional kWh	4.036	1.00283	4.745
3					
4	A	GS-1, SL-2, SL-2M, GSCU-1	4.036	1.00283	4.047
5					
6	A-1	SL-1, SL-1M, OL-1, PL-1 (1), LT-1, OS I/II [1]	3.972	1.00283	3.983
7					
8	B	GSD-1, GSD-1EV	4.036	1.00276	4.047
9					
10	C	GSLD-1, GSLD-1EV, CS-1	4.036	1.00168	4.043
11					
12	D	GSLD-2, CS-2, OS-2, MET	4.036	0.99393	4.012
13					
14	E	GSLD-3, CS-3	4.036	0.97235	3.924
15					
16	A	GST-1 On-Peak	4.355	1.00283	4.367
17	A	GST-1 Off-Peak	3.899	1.00283	3.910
18					
19	A	RTR-1 On-Peak			0.320
20	A	RTR-1 Off-Peak			(0.137)
21					
22	B	GSDT-1, CILC-1(G), SST-1D(1), HLFT-1 On-Peak	4.355	1.00276	4.367
23	B	GSDT-1, CILC-1(G), SST-1D(1), HLFT-1 Off-Peak	3.899	1.00276	3.910
24					
25	C	GSLDT-1, CST-1, SST-1D(2), HLFT-2 On-Peak	4.355	1.00168	4.362
26	C	GSLDT-1, CST-1, SST-1D(2), HLFT-2 Off-Peak	3.899	1.00168	3.906
27					
28	D	GSLDT-2, CST-2, SST-1D(3), HLFT-3 On-Peak	4.355	0.99420	4.330
29	D	GSLDT-2, CST-2, SST-1D(3), HLFT-3 Off-Peak	3.899	0.99420	3.876
30					
31	E	GSLDT-3, CST-3, CILC-1(T), SST-1(T), ISST-1(T) On-Peak	4.355	0.97235	4.235
32	E	GSLDT-3, CST-3, CILC-1(T), SST-1(T), ISST-1(T) Off-Peak	3.899	0.97235	3.791
33					
34	F	CILC-1(D), ISST-1(D) On-Peak	4.355	0.99448	4.331
35	F	CILC-1(D), ISST-1(D) Off-Peak	3.899	0.99448	3.877
36					
37	[1] Weighted average 16% on-peak and 84% off-peak				

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
DETERMINATION OF SEASONAL DEMAND TIME OF USE RIDER

SCHEDULE: E1-E

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)
Line No.	GROUPS	RATE SCHEDULE	Average Factor	Fuel Recovery Loss Multiplier	Fuel Recovery Factor
1	B	GSD(T)-1 On-Peak	5.368	1.00276	5.383
2	B	GSD(T)-1 Off-Peak	3.866	1.00276	3.877
3					
4	C	GSLD(T)-1 On-Peak	5.368	1.00168	5.377
5	C	GSLD(T)-1 Off-Peak	3.866	1.00168	3.873
6					
7	D	GSLD(T)-2 On-Peak	5.368	0.99420	5.337
8	D	GSLD(T)-2 Off-Peak	3.866	0.99420	3.844

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
ENERGY LOSSES BY RATE CLASS

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Line No.	Energy Losses by Rate Class	Delivered MWH Sales	Expansion Factor	Delivered Energy at Generation	Delivered Efficiency	Losses	Fuel Cost Recovery Multiplier
1	**RS(T)-1**						
2	Secondary	67,413,289	1.04827	70,667,191	0.95395	3,253,902	
3	TOTAL	67,413,289	1.04827	70,667,191	0.95395	3,253,902	1.00283
4							
5	**CILC-1D**						
6	Primary	1,043,639	1.02734	1,072,167	0.97339	28,528	
7	Secondary	1,458,739	1.04827	1,529,150	0.95395	70,410	
8	TOTAL	2,502,379	1.03954	2,601,317	0.96197	98,938	0.99448
9							
10	**CILC-1G**						
11	Primary	1,901	1.02734	1,953	0.97339	52	
12	Secondary	109,685	1.04827	114,979	0.95395	5,294	
13	TOTAL	111,586	1.04791	116,933	0.95428	5,346	1.00249
14							
15	**CILC-1T**						
16	Transmission	1,554,835	1.01641	1,580,346	0.98386	25,512	
17	TOTAL	1,554,835	1.01641	1,580,346	0.98386	25,512	0.97235
18							
19	**GS(T)-1**						
20	Secondary	8,673,642	1.04827	9,092,300	0.95395	418,659	
21	TOTAL	8,673,642	1.04827	9,092,300	0.95395	418,659	1.00283
22							
23	**GSCU-1**						
24	Secondary	58,023	1.04827	60,824	0.95395	2,801	
25	TOTAL	58,023	1.04827	60,824	0.95395	2,801	1.00283
26							
27	**GSD(T)-1**						
28	Primary	105,430	1.02734	108,312	0.97339	2,882	
29	Secondary	28,756,771	1.04827	30,144,802	0.95395	1,388,031	
30	TOTAL	28,862,201	1.04819	30,253,114	0.95402	1,390,913	1.00276
31							
32	**GSLD(T)-1**						
33	Primary	564,733	1.02734	580,170	0.97339	15,437	
34	Secondary	9,269,037	1.04827	9,716,434	0.95395	447,397	
35	TOTAL	9,833,770	1.04707	10,296,604	0.95505	462,834	1.00168
36							
37	**GSLD(T)-2**						
38	Primary	1,518,242	1.02734	1,559,743	0.97339	41,501	
39	Secondary	2,002,011	1.04827	2,098,643	0.95395	96,633	
40	TOTAL	3,520,253	1.03924	3,658,387	0.96224	138,134	0.99420
41							
42	**GSLD(T)-3**						
43	Transmission	863,235	1.01641	877,399	0.98386	14,164	
44	TOTAL	863,235	1.01641	877,399	0.98386	14,164	0.97235
45							
46	**MET**						
47	Primary	72,514	1.02734	74,496	0.97339	1,982	
48	TOTAL	72,514	1.02734	74,496	0.97339	1,982	0.98281

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
ENERGY LOSSES BY RATE CLASS

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Line No.	Energy Losses by Rate Class	Delivered MWH Sales	Expansion Factor	Delivered Energy at Generation	Delivered Efficiency	Losses	Fuel Cost Recovery Multiplier
49							
50	**OL-1**						
51	Secondary	88,681	1.04827	92,962	0.95395	4,280	
52	TOTAL	88,681	1.04827	92,962	0.95395	4,280	1.00283
53							
54	**OS-2**						
55	Primary	11,018	1.02734	11,320	0.97339	301	
56	TOTAL	11,018	1.02734	11,320	0.97339	301	0.98281
57							
58	**SL-1**						
59	Secondary	401,896	1.04827	421,295	0.95395	19,399	
60	TOTAL	401,896	1.04827	421,295	0.95395	19,399	1.00283
61							
62	**SL-2**						
63	Secondary	37,708	1.04827	39,528	0.95395	1,820	
64	TOTAL	37,708	1.04827	39,528	0.95395	1,820	1.00283
65							
66	**SL-1M**						
67	Secondary	32,387	1.04827	33,950	0.95395	1,563	
68	TOTAL	32,387	1.04827	33,950	0.95395	1,563	1.00283
69							
70	**SL-2M**						
71	Secondary	17,411	1.04827	18,252	0.95395	840	
72	TOTAL	17,411	1.04827	18,252	0.95395	840	1.00283
73							
74	**SST-DST**						
75	Primary	2,059	1.02734	2,115	0.97339	56	
76	TOTAL	2,059	1.02734	2,115	0.97339	56	0.98281
77							
78	**SST-TST**						
79	Transmission	56,083	1.01641	57,004	0.98386	920	
80	TOTAL	56,083	1.01641	57,004	0.98386	920	0.97235
81							
82	**TOTAL FPSC**						
83	**TOTAL**	**124,112,970**	**1.04707**	**129,955,336**	**0.95504**	**5,842,366**	**1.00169**
84							
85	**BLOUNTSTOWN**						
86	Transmission	34,595	1.01641	35,162	0.98386	568	
87	TOTAL	34,595	1.01641	35,162	0.98386	568	0.97235
88							
89	**FKEC**						
90	Transmission	789,286	1.01641	802,236	0.98386	12,951	
91	TOTAL	789,286	1.01641	802,236	0.98386	12,951	0.97235
92							
93	**FPUC (INT)**						
94	Transmission	101,776	1.01641	103,446	0.98386	1,670	
95	TOTAL	101,776	1.01641	103,446	0.98386	1,670	0.97235
96							

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
ENERGY LOSSES BY RATE CLASS

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Line No.	Energy Losses by Rate Class	Delivered MWH Sales	Expansion Factor	Delivered Energy at Generation	Delivered Efficiency	Losses	Fuel Cost Recovery Multiplier
97	**FPUC (PEAK)**						
98	Transmission	53,480	1.01641	54,357	0.98386	877	
99	TOTAL	53,480	1.01641	54,357	0.98386	877	0.97235
100							
101	**HOMESTEAD**						
102	Transmission	32,826	1.01641	33,364	0.98386	539	
103	TOTAL	32,826	1.01641	33,364	0.98386	539	0.97235
104							
105	**LCEC**						
106	Transmission	4,406,202	1.01641	4,478,499	0.98386	72,297	
107	TOTAL	4,406,202	1.01641	4,478,499	0.98386	72,297	0.97235
108							
109	**MOORE HAVEN**						
110	Transmission	16,453	1.01641	16,723	0.98386	270	
111	TOTAL	16,453	1.01641	16,723	0.98386	270	0.97235
112							
113	**NEW SMYRNA BCH**						
114	Transmission	237,020	1.01641	240,909	0.98386	3,889	
115	TOTAL	237,020	1.01641	240,909	0.98386	3,889	0.97235
116							
117	**WAUCHULA**						
118	Transmission	65,511	1.01641	66,586	0.98386	1,075	
119	TOTAL	65,511	1.01641	66,586	0.98386	1,075	0.97235
120							
121	**HOMESTEAD (INT)**						
122	Transmission	237,459	1.01641	241,355	0.98386	3,896	
123	TOTAL	237,459	1.01641	241,355	0.98386	3,896	0.97235
124							
125	**NEW SMYRNA BCH (INT)**						
126	Transmission	3,288	1.01641	3,342	0.98386	54	
127	TOTAL	3,288	1.01641	3,342	0.98386	54	0.97235
128							
129	**TOTAL FERC**						
130	TOTAL	7,584,693	1.01641	7,709,142	0.98386	124,449	0.97235
131							
132	**TOTAL COMPANY**						
133	TOTAL	131,697,663	1.04531	137,664,478	0.95666	5,966,814	1.00000
134							
135	**COMPANY USE**						
136	Secondary	151,812	1.04827	159,140	0.95395	7,328	
137							
138	**TOTAL FPL**						
139	TOTAL	131,849,475	1.04531	137,823,617	0.95665	5,974,142	1.00000
140							
141	**G - FPU (INT)**						
142	Transmission	181,125	1.01641	184,097	0.98386	2,972	
143	TOTAL	181,125	1.01641	184,097	0.98386	2,972	0.97235
144							

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
ENERGY LOSSES BY RATE CLASS

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Line No.	Energy Losses by Rate Class	Delivered MWH Sales	Expansion Factor	Delivered Energy at Generation	Delivered Efficiency	Losses	Fuel Cost Recovery Multiplier
145	**G - FPU (PEAK)**						
146	Transmission	100,570	1.01641	102,220	0.98386	1,650	
147	TOTAL	100,570	1.01641	102,220	0.98386	1,650	0.97235
148							
149	**JEA (INT)**						
150	Transmission	1,160,545	1.01641	1,179,587	0.98386	19,042	
151	TOTAL	1,160,545	1.01641	1,179,587	0.98386	19,042	0.97235
152							
153	**QUINCY (INT)**						
154	Transmission	97,144	1.01641	98,738	0.98386	1,594	
155	TOTAL	97,144	1.01641	98,738	0.98386	1,594	0.97235
156							
157	**ALACHUA (INT)**						
158	Transmission	67,413	1.01641	68,519	0.98386	1,106	
159	TOTAL	67,413	1.01641	68,519	0.98386	1,106	0.97235
160							

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
ENERGY LOSSES BY RATE CLASS GROUP

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Line No.	RATE CLASS GROUP	Delivered MWH Sales	Expansion Factor	Delivered Energy at Generation	Delivered Efficiency	Losses	Fuel Cost Recovery Multiplier
1	GSD-1/GSDT-1/HLFT-1/SDTR-1/CILC-1G	28,973,788	1.048190	30,370,047	0.954025	1,396,259	1.00276
2	GSLD1/GSLDT1/CS1/CST1/HLFT2/GSLD1-EV	9,833,770	1.047066	10,296,604	0.955050	462,834	1.00168
3	GSLD2/GSLDT2/CS2/CST2/HLFT3	3,520,253	1.039240	3,658,387	0.962242	138,134	0.99420
4	GSLD3/GSLDT3/CS3/CST3	863,235	1.016408	877,399	0.983857	14,164	0.97235
5	GSLDT-2/CS-2/HLFT-3/SDTR-3/OS-2/MET	3,603,785	1.038964	3,744,202	0.962497	140,417	0.99393
6	OL1/SL1/SL1M/PL1/OSI/II	522,964	1.048268	548,206	0.953955	25,242	1.00283

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
RS-1 INVERTED RATE COMPUTATION

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)
Line No.	Inverted Rate	RS-1 Standard	Proposed Inverted Fuel Factors	Target Fuel Revenues	Rounded
1	First 1000 KWH	46,996,832,161	0.03745	$1,759,862,249	3.745
2	All Additional KWH	20,368,602,248	0.04745	$966,416,881	4.745
3	Total KWH	67,365,434,409		$2,726,279,131	
4					
5	Avg Fuel Factor	4.036			
6	RS-1 Loss Multiplier	1.00283			
7	Average Fuel Factor	4.047			
8	Target Fuel Revenues	$2,726,279,131			

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
MONTHLY COST RECOVERY FACTOR

SCHEDULE: E2

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Line No.		Jan - 2023	Feb - 2023	Mar - 2023	Apr - 2023	May - 2023	Jun - 2023	Jul - 2023	Aug - 2023	Sep - 2023	Oct - 2023	Nov - 2023	Dec - 2023	2023
1	**Fuel Costs & Net Power Transactions**													
2	Fuel Cost of System Net Generation (E3)	489,359,369	438,307,925	412,992,273	362,264,231	394,959,112	437,901,446	477,295,098	481,249,779	438,905,378	429,699,306	355,037,954	371,012,474	5,088,984,344
3	Lease Costs	129,617	129,617	127,769	129,617	129,001	129,617	129,001	129,617	129,617	129,001	129,617	129,001	1,551,092
4	Fuel Cost of Stratified Sales	(11,019,992)	(11,181,525)	(8,878,102)	(6,834,748)	(6,750,034)	(7,722,983)	(8,256,502)	(8,819,374)	(8,685,290)	(7,856,162)	(7,246,282)	(6,954,123)	(100,205,117)
5	Fuel Cost of Power Sold (E6)	(18,909,926)	(17,591,196)	(9,431,397)	(6,989,108)	(6,251,636)	(6,916,676)	(7,669,412)	(7,971,578)	(6,489,779)	(5,957,985)	(9,086,116)	(9,539,144)	(112,803,952)
6	Gains from Off-System Sales (E6)	(3,999,783)	(3,082,572)	(1,544,786)	(1,665,457)	(1,913,789)	(1,829,396)	(2,199,739)	(2,082,064)	(1,707,596)	(1,539,290)	(2,301,185)	(2,434,869)	(26,300,527)
7	Fuel Cost of Purchased Power, Exclusive of Economy (E7)	33,834,702	27,138,053	26,633,085	19,020,743	17,849,599	7,904,107	7,463,101	7,744,682	7,485,379	7,540,318	8,917,122	7,468,745	178,999,635
8	Energy Payments to Qualifying Facilities (E8)	2,894,339	2,804,698	2,990,387	2,644,554	3,039,974	3,091,972	3,074,825	2,969,727	2,661,445	2,627,664	2,333,651	2,190,838	33,324,075
9	Energy Cost of Economy Purchases (E9)	0	0	2,114,200	786,000	3,190,210	2,660,700	1,550,000	1,550,000	1,323,000	1,711,200	0	0	14,885,310
10		492,288,326	436,525,000	425,003,429	369,355,832	404,252,436	435,218,787	471,386,373	474,770,788	433,622,154	426,354,051	347,784,761	361,872,922	5,078,434,860
11														
12	**Optimization Activities**													
13	Incremental Personnel, Software, and Hardware Costs	42,832	40,891	46,715	40,891	44,774	44,774	40,891	46,715	40,891	44,774	40,891	42,832	517,870
14	Variable O&M Costs Attributable to Off-Systems Sales (E6)	164,573	159,802	100,589	91,584	81,989	79,200	84,667	82,138	77,616	65,770	118,080	121,272	1,227,278
15	Variable O&M Costs Avoided due to Economy Purchases (E9)	0	0	(18,451)	(9,432)	(37,349)	(26,064)	(14,880)	(14,880)	(12,960)	(17,112)	0	0	(151,128)
16	Optimization Credits	(1,458,333)	(1,458,333)	(1,458,333)	(1,458,333)	(1,458,333)	(1,458,333)	(1,458,333)	(1,458,333)	(1,458,333)	(1,458,333)	(1,458,333)	(1,458,333)	(17,500,000)
17		(1,250,928)	(1,257,641)	(1,329,480)	(1,335,291)	(1,368,920)	(1,360,424)	(1,347,655)	(1,344,360)	(1,352,787)	(1,364,902)	(1,299,363)	(1,294,229)	(15,905,980)
18														
19	**Adjustments to Fuel Cost**													
20	Energy Imbalance Fuel Revenues	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Inventory Adjustments	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Other O&M Expense	45,361	45,361	45,361	46,192	58,050	46,722	46,722	46,722	46,722	46,722	46,722	46,722	567,379
23		45,361	45,361	45,361	46,192	58,050	46,722	46,722	46,722	46,722	46,722	46,722	46,722	567,379
24														
25	**Adjusted Total Fuel Costs & Net Power Transactions**	491,082,759	435,312,720	423,719,310	368,066,733	402,941,567	433,905,085	470,085,439	473,473,150	432,316,090	425,035,871	346,532,120	360,625,415	5,063,096,259
26														
27	System MWH Sales (Excluding Stratified Sales)	9,841,045	9,011,301	8,991,542	9,707,421	10,518,156	11,872,974	12,739,589	12,934,577	12,712,810	11,631,467	10,186,804	9,456,454	129,604,140
28														
29	**Recovery Factors**													
30	Cost per kWh	4.9901	4.8307	4.7124	3.7916	3.8309	3.6546	3.6900	3.6605	3.4006	3.6542	3.4018	3.8135	3.9066
31	Jurisdictional Loss Multiplier	1.00169	1.00169	1.00169	1.00169	1.00169	1.00169	1.00169	1.00169	1.00169	1.00169	1.00169	1.00169	1.00169
32	Jurisdictional Cost	4.9986	4.8389	4.7204	3.7980	3.8374	3.6607	3.6962	3.6667	3.4064	3.6604	3.4075	3.8200	3.9132
33	True-up (cents/kWh)	(0.0091)	(0.0099)	(0.0099)	(0.0092)	(0.0085)	(0.0075)	(0.0070)	(0.0069)	(0.0070)	(0.0077)	(0.0088)	(0.0094)	(0.0083)
34	Total (cents/kWh)	4.9895	4.8290	4.7105	3.7888	3.8289	3.6532	3.6892	3.6598	3.3994	3.6527	3.3987	3.8106	3.9049
35	Revenue Tax Factor	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
36	Recovery Factor adjusted for Taxes (cents/KWh)	4.9895	4.8290	4.7105	3.7888	3.8289	3.6532	3.6892	3.6598	3.3994	3.6527	3.3987	3.8106	3.9049
37	GPIF (cents/KWh)	0.0062	0.0068	0.0068	0.0063	0.0058	0.0051	0.0048	0.0047	0.0048	0.0052	0.0060	0.0064	0.0056
38	Asset Optimization - Company Portion (cents/kWh)	0.0116	0.0128	0.0127	0.0118	0.0109	0.0097	0.0090	0.0089	0.0090	0.0099	0.0113	0.0121	0.0106
39	SolarTogether (ST) Credit (cents/kWh)	0.0835	0.1064	0.1441	0.1420	0.1390	0.1224	0.1183	0.1125	0.1033	0.1108	0.1052	0.0991	0.1153
40	Recovery Factor	5.0908	4.9550	4.8741	3.9489	3.9846	3.7904	3.8213	3.7859	3.5165	3.7786	3.5212	3.9282	4.0364
41														
42	Recovery Factor Rounded to .001 (¢/KWh)	5.091	4.955	4.874	3.949	3.985	3.790	3.821	3.786	3.517	3.779	3.521	3.928	4.036
43	Note: Totals may not add due to rounding													

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE

SCHEDULE: E3

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Line No.		Jan - 2023	Feb - 2023	Mar - 2023	Apr - 2023	May - 2023	Jun - 2023	Jul - 2023	Aug - 2023	Sep - 2023	Oct - 2023	Nov - 2023	Dec - 2023	Total
1	**Fuel Cost of System Net Generation ($)**													
2	Light Oil	0	0	0	0	0	210,483	1,274,726	1,670,530	78,305	1,216,498	70,131	0	4,520,672
3	Coal	5,236,355	4,769,318	5,097,651	1,014,101	496,657	2,223,381	2,612,390	3,491,535	2,614,067	2,105,132	2,255,766	1,402,347	33,318,699
4	Gas	471,408,226	423,030,168	397,032,362	351,326,878	382,739,688	422,952,779	460,476,018	463,155,750	423,746,281	416,675,772	340,562,218	356,342,480	4,909,448,617
5	Nuclear	12,714,789	10,508,439	10,862,260	9,923,253	11,722,767	12,514,804	12,931,964	12,931,964	12,466,726	9,701,904	12,149,839	13,267,647	141,696,356
6	**Subtotal Fuel Cost of System Net Generation ($)**	489,359,369	438,307,925	412,992,273	362,264,231	394,959,112	437,901,446	477,295,098	481,249,779	438,905,378	429,699,306	355,037,954	371,012,474	5,088,984,344
7														
8	**System Net Generation (MWh)**													
9	Light Oil	0	0	0	0	0	1,076	6,429	8,318	409	5,952	364	0	22,548
10	Coal	149,260	134,815	142,635	25,547	12,169	57,071	67,806	82,172	61,715	51,357	52,229	33,529	870,305
11	Gas	6,711,292	6,192,205	6,596,283	7,347,611	8,364,768	9,347,839	10,197,005	10,196,134	9,364,619	9,030,114	6,959,409	7,025,145	97,332,424
12	Nuclear	2,602,762	2,129,510	2,180,140	2,007,896	2,324,871	2,458,369	2,540,315	2,540,315	2,438,619	1,928,077	2,397,217	2,602,762	28,150,853
13	Solar	546,938	684,308	906,092	955,536	1,008,621	928,010	960,163	932,775	844,702	831,136	706,729	631,133	9,936,143
14	**Subtotal System Net Generation (MWh)**	10,010,252	9,140,838	9,825,150	10,336,590	11,710,429	12,792,365	13,771,718	13,759,714	12,710,064	11,846,636	10,115,948	10,292,569	136,312,273
15														
16	**Units of Fuel Burned (Unit)** [1]													
17	Light Oil						2,043	12,449	16,321	762	11,443	671		43,689
18	Coal	91,748	82,869	87,863	17,384	8,483	37,884	44,380	58,277	43,553	35,192	37,573	23,589	568,796
19	Gas	44,104,615	40,954,905	43,541,293	48,882,770	55,455,804	62,321,827	67,857,040	68,061,397	62,192,431	60,091,773	45,922,985	46,439,381	645,826,221
20	Nuclear	27,050,453	22,162,108	22,715,748	21,300,774	24,715,893	26,174,176	27,046,650	27,046,650	25,962,289	20,478,136	24,906,537	27,050,453	296,609,866
21														
22														
23	**BTU Burned (MMBTU)**													
24	Light Oil	0	0	0	0	0	11,912	72,577	95,154	4,444	66,712	3,910	0	254,709
25	Coal	1,559,721	1,408,780	1,493,677	295,521	144,212	644,035	754,459	990,704	740,393	598,262	638,749	401,018	9,669,531
26	Gas	45,193,999	41,966,491	44,616,763	50,090,174	56,825,562	63,861,176	69,533,109	69,742,514	63,728,584	61,576,040	47,057,283	47,586,434	661,778,129
27	Nuclear	27,050,453	22,162,108	22,715,748	21,300,774	24,715,893	26,174,176	27,046,650	27,046,650	25,962,289	20,478,136	24,906,537	27,050,453	296,609,866
28	**Subtotal BTU Burned (MMBTU)**	73,804,173	65,537,379	68,826,188	71,686,469	81,685,667	90,691,299	97,406,795	97,875,022	90,435,710	82,719,150	72,606,479	75,037,905	968,312,235
29														
30	**Fuel Cost per Unit ($/Unit)**													
31	Light Oil						103.0146	102.3969	102.3520	102.7272	106.3105	104.5680		103.4731
32	Coal	57.0731	57.5522	58.0179	58.3367	58.5469	58.6885	58.8642	59.9131	60.0210	59.8187	60.0361	59.4485	58.5776
33	Gas	10.6884	10.3292	9.1185	7.1871	6.9017	6.7866	6.7860	6.8050	6.8135	6.9340	7.4159	7.6733	7.6018
34	Nuclear	0.4700	0.4742	0.4782	0.4659	0.4743	0.4781	0.4781	0.4781	0.4802	0.4738	0.4878	0.4905	0.4777
35														
36	**Generation Mix (%)**													
37	Light Oil	0%	0%	0%	0%	0%	0.01%	0.05%	0.06%	0.00%	0.05%	0.00%	0%	0.02%
38	Coal	1.49%	1.47%	1.45%	0.25%	0.10%	0.45%	0.49%	0.60%	0.49%	0.43%	0.52%	0.33%	0.64%
39	Gas	67.04%	67.74%	67.14%	71.08%	71.43%	73.07%	74.04%	74.10%	73.68%	76.23%	68.80%	68.25%	71.40%
40	Nuclear	26.00%	23.30%	22.19%	19.43%	19.85%	19.22%	18.45%	18.46%	19.19%	16.28%	23.70%	25.29%	20.65%
41	Solar	5.46%	7.49%	9.22%	9.24%	8.61%	7.25%	6.97%	6.78%	6.65%	7.02%	6.99%	6.13%	7.29%
42														
43	**Fuel Cost per MMBTU ($/MMBTU)**													
44	Light Oil						17.6698	17.5638	17.5561	17.6203	18.2351	17.9362		17.7484
45	Coal	3.3572	3.3854	3.4128	3.4316	3.4439	3.4523	3.4626	3.5243	3.5306	3.5187	3.5315	3.4970	3.4457
46	Gas	10.4308	10.0802	8.8987	7.0139	6.7353	6.6230	6.6224	6.6409	6.6492	6.7668	7.2372	7.4883	7.4186
47	Nuclear	0.4700	0.4742	0.4782	0.4659	0.4743	0.4781	0.4781	0.4781	0.4802	0.4738	0.4878	0.4905	0.4777
48														

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE

SCHEDULE: E3

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Line No.		Jan - 2023	Feb - 2023	Mar - 2023	Apr - 2023	May - 2023	Jun - 2023	Jul - 2023	Aug - 2023	Sep - 2023	Oct - 2023	Nov - 2023	Dec - 2023	Total
1	**BTU Burned per KWH (BTU/KWH)**													
2	Light Oil	0	0	0	0	0	11,076	11,289	11,440	10,857	11,209	10,727	0	11,296
3	Coal	10,450	10,450	10,472	11,568	11,851	11,285	11,127	12,056	11,997	11,649	12,230	11,960	11,111
4	Gas	6,734	6,777	6,764	6,817	6,793	6,832	6,819	6,840	6,805	6,819	6,762	6,774	6,799
5	Nuclear	10,393	10,407	10,419	10,609	10,631	10,647	10,647	10,647	10,646	10,621	10,390	10,393	10,536
6														
7	**Generated Fuel Cost per KWH (cents/KWH)**													
8	Light Oil						19.5703	19.8274	20.0836	19.1300	20.4399	19.2408		20.0492
9	Coal	3.5082	3.5377	3.5739	3.9695	4.0813	3.8958	3.8527	4.2491	4.2357	4.0990	4.3190	4.1825	3.8284
10	Gas	7.0241	6.8317	6.0190	4.7815	4.5756	4.5246	4.5158	4.5425	4.5250	4.6143	4.8936	5.0724	5.0440
11	Nuclear	0.4885	0.4935	0.4982	0.4942	0.5042	0.5091	0.5091	0.5091	0.5112	0.5032	0.5068	0.5098	0.5033
12	**Subtotal Generated Fuel Cost per KWH (cents/KWH)**	4.8886	4.7951	4.2034	3.5047	3.3727	3.4231	3.4658	3.4975	3.4532	3.6272	3.5097	3.6047	3.7333
13														
14														
15	(1) Fuel Units: Light Oil - BBLS, Coal - TONS, Gas - MCF, Nuclear - OTHER													
16														
17	Note: Totals may not add due to rounding													
18														
19														
20														
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FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Jan - 2023												
2	Anhinga PV Solar												
3	Solar		527					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	527	1.0%	N/A	14.7%	N/A						
5	Apalachee PV Solar												
6	Solar		302					N/A	N/A	N/A	N/A	N/A	N/A
7	Plant Unit Info	74.5	302	0.6%	N/A	17.1%	N/A						
8	Babcock Preserve PV Solar												
9	Solar		12,958					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	12,958	23.4%	N/A	23.4%	N/A						
11	Babcock Ranch PV Solar												
12	Solar		12,369					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	12,369	22.3%	N/A	22.3%	N/A						
14	Barefoot Bay PV Solar												
15	Solar		12,183					N/A	N/A	N/A	N/A	N/A	N/A
16	Plant Unit Info	74.5	12,183	22.0%	N/A	22.0%	N/A						
17	Blackwater River PV Solar												
18	Solar		309					N/A	N/A	N/A	N/A	N/A	N/A
19	Plant Unit Info	74.5	309	0.6%	N/A	17.4%	N/A						
20	Blue Cypress PV Solar												
21	Solar		11,873					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	11,873	21.4%	N/A	21.4%	N/A						
23	Blue Heron PV Solar												
24	Solar		12,865					N/A	N/A	N/A	N/A	N/A	N/A
25	Plant Unit Info	74.5	12,865	23.2%	N/A	23.2%	N/A						
26	Blue Indigo PV Solar												
27	Solar		10,261					N/A	N/A	N/A	N/A	N/A	N/A
28	Plant Unit Info	74.5	10,261	18.5%	N/A	18.5%	N/A						
29	Blue Springs PV Solar												
30	Solar		9,207					N/A	N/A	N/A	N/A	N/A	N/A
31	Plant Unit Info	74.5	9,207	16.6%	N/A	16.6%	N/A						
32	Bluefield Preserve PV Solar												
33	Solar		347					N/A	N/A	N/A	N/A	N/A	N/A
34	Plant Unit Info	74.5	347	0.6%	N/A	19.5%	N/A						
35	Cape Canaveral 3												

FLORIDA POWER & LIGHT COMPANY
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		331,633				6,802	2,201,413	1,024,700	2,255,788	22,781,047	6.87	8.61
2	Plant Unit Info	1,326.0	331,633	33.6%	93.4%	36.8%	6,802			2,255,788	22,781,047	6.87	
3	Cattle Ranch PV Solar												
4	Solar		10,168					N/A	N/A	N/A	N/A	N/A	N/A
5	Plant Unit Info	74.5	10,168	18.3%	N/A	18.3%	N/A						
6	Cavendish PV Solar												
7	Solar		330					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	330	0.6%	N/A	18.6%	N/A						
9	Chautauqua PV Solar												
10	Solar		340					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	340	0.6%	N/A	18.9%	N/A						
12	Chipola River PV Solar												
13	Solar		302					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	302	0.6%	N/A	17.1%	N/A						
15	Citrus PV Solar												
16	Solar		12,121					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	12,121	21.9%	N/A	21.9%	N/A						
18	Coral Farms PV Solar												
19	Solar		11,470					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	11,470	20.7%	N/A	20.7%	N/A						
21	Cotton Creek PV Solar												
22	Solar		10,075					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	10,075	18.2%	N/A	18.2%	N/A						
24	Cypress Pond PV Solar												
25	Solar		0					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	0	N/A	N/A	N/A	N/A						
27	Dania Beach 7												
28	Gas		479,040				6,548	3,061,180	1,024,700	3,136,791	29,823,521	6.23	8.49
29	Plant Unit Info	1,136.0	479,040	56.7%	93.6%	59.6%	6,548			3,136,791	29,823,521	6.23	
30	Daniel 1												
31	Coal											N/A	0.00
32	Plant Unit Info	251.0	0	N/A	93.6%	N/A	N/A						
33	Daniel 2												
34	Coal											N/A	0.00
35	Plant Unit Info	251.0	0	N/A	93.6%	N/A	N/A						

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Desoto PV Solar												
2	Solar		3,069					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	25.0	3,069	16.5%	N/A	16.5%	N/A						
4	Discovery PV Solar												
5	Solar		9,982					N/A	N/A	N/A	N/A	N/A	N/A
6	Plant Unit Info	74.5	9,982	18.0%	N/A	18.0%	N/A						
7	Echo River PV Solar												
8	Solar		11,377					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	11,377	20.5%	N/A	20.5%	N/A						
10	Egret PV Solar												
11	Solar		9,331					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	74.5	9,331	16.8%	N/A	16.8%	N/A						
13	Elder Branch PV Solar												
14	Solar		11,005					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	11,005	19.9%	N/A	19.9%	N/A						
16	Etonia Creek PV Solar												
17	Solar		0					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	0	N/A	N/A	N/A	N/A						
19	Everglades PV Solar												
20	Solar		365					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	365	0.7%	N/A	20.5%	N/A						
22	First City PV Solar												
23	Solar		300					N/A	N/A	N/A	N/A	N/A	N/A
24	Plant Unit Info	74.5	300	0.5%	N/A	16.7%	N/A						
25	Flowers Creek PV Solar												
26	Solar		269					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	269	0.5%	N/A	15.2%	N/A						
28	Fort Drum PV Solar												
29	Solar		10,509					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	10,509	19.0%	N/A	19.0%	N/A						
31	Fort Myers 2												
32	Gas		666,895				7,109	4,626,874	1,024,700	4,741,158	43,693,154	6.55	8.62
33	Plant Unit Info	1,741.0	666,895	51.5%	93.8%	55.5%	7,109			4,741,158	43,693,154	6.55	
34	Fort Myers 3A												
35	Light Oil		0				0	0	0	0	0	0.00	0.00

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		613				11,639	6,963	1,024,701	7,135	3,890,633	634.69	8.80
2	Plant Unit Info	193.0	613	0.4%	93.7%	0.5%	11,639			7,135	3,890,633	634.69	
3	Fort Myers 3B												
4	Light Oil		0				0	0	0	0	0	0.00	0.00
5	Gas		0					0	0	0	0	0.00	0.00
6	Plant Unit Info	193.0	0	N/A	93.7%	N/A	N/A						
7	Fort Myers 3C												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Gas		0					0	0	0	0	0.00	0.00
10	Plant Unit Info	221.0	0	N/A	93.7%	N/A	N/A						
11	Fort Myers 3D												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		0					0	0	0	0	0.00	0.00
14	Plant Unit Info	221.0	0	N/A	93.7%	N/A	N/A						
15	Fort Myers GT												
16	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
17	GCEC 4												
18	Gas		0					0	0	0	0	0.00	0.00
19	Plant Unit Info	75.0	0	N/A	93.8%	N/A	N/A						
20	GCEC 5												
21	Gas		0					0	0	0	0	0.00	0.00
22	Plant Unit Info	75.0	0	N/A	93.8%	N/A	N/A						
23	GCEC 6												
24	Gas		12,339				11,724	141,176	1,024,700	144,663	5,161,978	41.83	9.44
25	Plant Unit Info	315.0	12,339	5.3%	93.6%	5.7%	11,724			144,663	5,161,978	41.83	
26	GCEC 7												
27	Gas		0					0	0	0	0	0.00	0.00
28	Plant Unit Info	496.0	0	N/A	93.6%	N/A	N/A						
29	GCEC 8A												
30	Gas		4,135				12,121	48,911	1,024,700	50,119	4,292,512	103.81	9.47
31	Plant Unit Info	224.0	4,135	2.5%	93.8%	2.4%	12,121			50,119	4,292,512	103.81	
32	GCEC 8B												
33	Gas		2,518				12,234	30,063	1,024,700	30,806	4,114,047	163.39	9.47
34	Plant Unit Info	224.0	2,518	1.5%	93.8%	1.4%	12,234			30,806	4,114,047	163.39	
35	GCEC 8C												

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		0					0	0	0	0	0.00	0.00
2	Plant Unit Info	220.0	0	N/A	93.8%	N/A	N/A						
3	GCEC 8D												
4	Gas		641				11,579	7,243	1,024,699	7,422	3,897,961	608.11	9.47
5	Plant Unit Info	220.0	641	0.4%	93.8%	0.4%	11,579			7,422	3,897,961	608.11	
6	Ghost Orchid PV Solar												
7	Solar		11,005					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	11,005	19.9%	N/A	19.9%	N/A						
9	Grove PV Solar												
10	Solar		10,850					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	10,850	19.6%	N/A	19.6%	N/A						
12	Hammock PV Solar												
13	Solar		12,214					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	12,214	22.0%	N/A	22.0%	N/A						
15	Hibiscus PV Solar												
16	Solar		12,059					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	12,059	21.8%	N/A	21.8%	N/A						
18	Horizon PV Solar												
19	Solar		11,563					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	11,563	20.9%	N/A	20.9%	N/A						
21	Immokalee PV Solar												
22	Solar		11,594					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	11,594	20.9%	N/A	20.9%	N/A						
24	Indian River PV Solar												
25	Solar		11,904					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	11,904	21.5%	N/A	21.5%	N/A						
27	Interstate PV Solar												
28	Solar		11,749					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	11,749	21.2%	N/A	21.2%	N/A						
30	Lakeside PV Solar												
31	Solar		11,191					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	11,191	20.2%	N/A	20.2%	N/A						
33	Lauderdale 1-12												
34	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
35	Lauderdale 6A												

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Light Oil		0				0	0	0	0	0	0.00	0.00
2	Gas		0					0	0	0	0	0.00	0.00
3	Plant Unit Info	218.0	0	N/A	93.7%	N/A	N/A						
4	Lauderdale 6B												
5	Light Oil		0				0	0	0	0	0	0.00	0.00
6	Gas		0					0	0	0	0	0.00	0.00
7	Plant Unit Info	218.0	0	N/A	26.0%	N/A	N/A						
8	Lauderdale 6C												
9	Light Oil		0				0	0	0	0	0	0.00	0.00
10	Gas		0					0	0	0	0	0.00	0.00
11	Plant Unit Info	218.0	0	N/A	93.7%	N/A	N/A						
12	Lauderdale 6D												
13	Light Oil		0				0	0	0	0	0	0.00	0.00
14	Gas		0					0	0	0	0	0.00	0.00
15	Plant Unit Info	218.0	0	N/A	93.7%	N/A	N/A						
16	Lauderdale 6E												
17	Light Oil		0				0	0	0	0	0	0.00	0.00
18	Gas		0					0	0	0	0	0.00	0.00
19	Plant Unit Info	218.0	0	N/A	93.7%	N/A	N/A						
20	Loggerhead PV Solar												
21	Solar		11,997					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	11,997	21.6%	N/A	21.6%	N/A						
23	Magnolia Springs PV Solar												
24	Solar		9,486					N/A	N/A	N/A	N/A	N/A	N/A
25	Plant Unit Info	74.5	9,486	17.1%	N/A	17.1%	N/A						
26	Manatee 1												
27	Plant Unit Info	797.0	0	N/A	100.0%	N/A	N/A						
28	Manatee 2												
29	Plant Unit Info	797.0	0	N/A	100.0%	N/A	N/A						
30	Manatee 3												
31	Gas		475,051				6,881	3,189,860	1,024,700	3,268,650	32,172,535	6.77	8.89
32	Plant Unit Info	1,265.0	475,051	50.9%	93.9%	54.8%	6,881			3,268,650	32,172,535	6.77	
33	Manatee PV Solar												
34	Solar		12,493					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	12,493	22.5%	N/A	22.5%	N/A						

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Martin 3												
2	Gas		174,190				7,325	1,245,223	1,024,700	1,275,980	14,897,062	8.55	8.89
3	Plant Unit Info	487.0	174,190	48.1%	93.9%	52.4%	7,325			1,275,980	14,897,062	8.55	
4	Martin 4												
5	Gas		2,184				9,891	21,081	1,024,700	21,602	4,018,633	184.00	8.98
6	Plant Unit Info	487.0	2,184	0.6%	93.9%	0.6%	9,891			21,602	4,018,633	184.00	
7	Martin 8												
8	Gas		120,644				7,241	852,531	1,024,700	873,589	11,411,660	9.46	8.89
9	Plant Unit Info	1,264.0	120,644	12.9%	93.5%	13.9%	7,241			873,589	11,411,660	9.46	
10	Martin 8 Solar												
11	Solar		7,409					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	75.0	7,409	18.1%	96.4%	18.8%	N/A						
13	Miami-Dade PV Solar												
14	Solar		12,183					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	12,183	22.0%	N/A	22.0%	N/A						
16	Nassau PV Solar												
17	Solar		8,866					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	8,866	16.0%	N/A	16.0%	N/A						
19	Northern Preserve PV Solar												
20	Solar		9,579					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	9,579	17.3%	N/A	17.3%	N/A						
22	Okeechobee 1												
23	Gas		1,070,226				6,274	6,552,369	1,024,700	6,714,213	63,011,739	5.89	9.03
24	Plant Unit Info	1,607.0	1,070,226	89.5%	93.0%	98.7%	6,274			6,714,213	63,011,739	5.89	
25	Okeechobee PV Solar												
26	Solar		11,873					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	11,873	21.4%	N/A	21.4%	N/A						
28	Orange Blossom PV Solar												
29	Solar		10,974					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	10,974	19.8%	N/A	19.8%	N/A						
31	Palm Bay PV Solar												
32	Solar		11,005					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	11,005	19.9%	N/A	19.9%	N/A						
34	Pea Ridge												
35	Gas		0					0	0	0	0	0.00	0.00

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	13.5	0	N/A	N/A	N/A	N/A						
2	Pelican PV Solar												
3	Solar		10,974					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	10,974	19.8%	N/A	19.8%	N/A						
5	Perdido												
6	Gas		1,897				10,501	19,441	1,024,700	19,921	3,903,860	205.79	3.83
7	Plant Unit Info	3.0	1,897	N/A	N/A	N/A	10,501			19,921	3,903,860	205.79	
8	Pink Trail PV Solar												
9	Solar		347					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	347	0.6%	N/A	19.5%	N/A						
11	Pioneer Trail PV Solar												
12	Solar		11,346					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	11,346	20.5%	N/A	20.5%	N/A						
14	Port Everglades 5												
15	Light Oil		0				0	0	0	0	0	0.00	0.00
16	Gas		556,715				6,470	3,515,041	1,024,700	3,601,862	33,677,289	6.05	8.49
17	Plant Unit Info	1,208.0	556,715	58.3%	93.0%	63.6%	6,470			3,601,862	33,677,289	6.05	
18	Riviera 5												
19	Gas		456,364				6,709	2,987,979	1,024,700	3,061,782	30,814,955	6.75	9.03
20	Plant Unit Info	1,281.0	456,364	46.3%	93.4%	50.1%	6,709			3,061,782	30,814,955	6.75	
21	Rodeo PV Solar												
22	Solar		10,509					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	10,509	19.0%	N/A	19.0%	N/A						
24	Sabal Palm PV Solar												
25	Solar		11,098					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	11,098	20.0%	N/A	20.0%	N/A						
27	Sanford 4												
28	Gas		11,260				8,604	94,548	1,024,700	96,883	4,653,745	41.33	8.72
29	Plant Unit Info	1,185.0	11,260	1.3%	94.1%	1.4%	8,604			96,883	4,653,745	41.33	
30	Sanford 5												
31	Gas		345,196				6,946	2,339,772	1,024,700	2,397,564	23,987,456	6.95	8.62
32	Plant Unit Info	1,180.0	345,196	39.3%	94.1%	42.3%	6,946			2,397,564	23,987,456	6.95	
33	Saw Palmetto PV Solar												
34	Solar		0					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	0	N/A	N/A	N/A	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Sawgrass PV Solar												
2	Solar		10,912					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	10,912	19.7%	N/A	19.7%	N/A						
4	Scherer 3												
5	Coal		149,260				10,450	91,748	17,000,001	1,559,721	5,236,355	3.51	57.07
6	Plant Unit Info	215.0	149,260	93.3%	93.7%	100.0%	10,450			1,559,721	5,236,355	3.51	
7	Shirer Branch PV Solar												
8	Solar		350					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	350	0.6%	N/A	19.5%	N/A						
10	Smith 3												
11	Gas		0					0	0	0	0	0.00	0.00
12	Plant Unit Info	634.0	0	N/A	93.9%	N/A	N/A						
13	Smith A												
14	Light Oil		0				0	0	0	0	0	0.00	0.00
15	Plant Unit Info	36.0	0	N/A	100.0%	N/A	N/A						
16	Southfork PV Solar												
17	Solar		11,935					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	11,935	21.5%	N/A	21.5%	N/A						
19	Space Coast PV Solar												
20	Solar		1,240					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	10.0	1,240	16.7%	N/A	16.7%	N/A						
22	St. Lucie 1												
23	Nuclear		727,577				10,328	7,514,638	1,000,000	7,514,638	3,423,669	0.47	0.46
24	Plant Unit Info	1,003.0	727,577	97.5%	97.5%	100.0%	10,328			7,514,638	3,423,669	0.47	
25	St. Lucie 2												
26	Nuclear		623,870				10,257	6,398,850	1,000,000	6,398,850	2,750,225	0.44	0.43
27	Plant Unit Info	860.0	623,870	97.5%	97.5%	100.0%	10,257			6,398,850	2,750,225	0.44	
28	Sundew PV Solar												
29	Solar		10,881					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	10,881	19.6%	N/A	19.6%	N/A						
31	Sunshine Gateway PV Solar												
32	Solar		11,005					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	11,005	19.9%	N/A	19.9%	N/A						
34	Sweetbay PV Solar												
35	Solar		10,323					N/A	N/A	N/A	N/A	N/A	N/A

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
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ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	74.5	10,323	18.6%	N/A	18.6%	N/A						
2	Trailside PV Solar												
3	Solar		9,548					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	9,548	17.2%	N/A	17.2%	N/A						
5	Turkey Point 3												
6	Nuclear		623,119				10,541	6,568,480	1,000,000	6,568,480	3,250,084	0.52	0.49
7	Plant Unit Info	859.0	623,119	97.5%	97.5%	100.0%	10,541			6,568,480	3,250,084	0.52	
8	Turkey Point 4												
9	Nuclear		628,196				10,456	6,568,485	1,000,000	6,568,485	3,290,811	0.52	0.50
10	Plant Unit Info	866.0	628,196	97.5%	97.5%	100.0%	10,456			6,568,485	3,290,811	0.52	
11	Turkey Point 5												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		397,413				7,021	2,722,832	1,024,700	2,790,086	26,950,339	6.78	8.49
14	Plant Unit Info	1,294.0	397,413	41.3%	93.9%	44.3%	7,021			2,790,086	26,950,339	6.78	
15	Twin Lakes PV Solar												
16	Solar		10,044					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	10,044	18.1%	N/A	18.1%	N/A						
18	Union Springs PV Solar												
19	Solar		9,362					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	9,362	16.9%	N/A	16.9%	N/A						
21	West County 1												
22	Gas		292,710				6,812	1,945,837	1,024,700	1,993,899	21,118,983	7.21	8.89
23	Plant Unit Info	1,248.0	292,710	31.5%	55.0%	60.0%	6,812			1,993,899	21,118,983	7.21	
24	West County 2												
25	Gas		616,913				6,675	4,018,515	1,024,700	4,117,772	39,535,735	6.41	8.89
26	Plant Unit Info	1,248.0	616,913	66.4%	93.7%	73.4%	6,675			4,117,772	39,535,735	6.41	
27	West County 3												
28	Gas		692,715				6,621	4,475,763	1,024,700	4,586,314	43,599,391	6.29	8.89
29	Plant Unit Info	1,254.0	692,715	74.3%	93.7%	80.8%	6,621			4,586,314	43,599,391	6.29	
30	Wild Azalea PV Solar												
31	Solar		350					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	350	0.6%	N/A	19.5%	N/A						
33	Wildflower PV Solar												
34	Solar		12,121					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	12,121	21.9%	N/A	21.9%	N/A						

FLORIDA POWER & LIGHT COMPANY
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SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Willow PV Solar												
2	Solar		10,385					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	10,385	18.7%	N/A	18.7%	N/A						
4	_System Totals												
5	Plant Unit Info	34,442	10,010,252				7,373			73,804,173	489,359,369	4.89	N/A
6													
7													
8													
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FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Feb - 2023												
2	Anhinga PV Solar												
3	Solar		8,526					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	8,526	17.0%	N/A	17.0%	N/A						
5	Apalachee PV Solar												
6	Solar		9,701					N/A	N/A	N/A	N/A	N/A	N/A
7	Plant Unit Info	74.5	9,701	19.4%	N/A	19.4%	N/A						
8	Babcock Preserve PV Solar												
9	Solar		12,964					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	12,964	25.9%	N/A	25.9%	N/A						
11	Babcock Ranch PV Solar												
12	Solar		12,432					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	12,432	24.8%	N/A	24.8%	N/A						
14	Barefoot Bay PV Solar												
15	Solar		12,292					N/A	N/A	N/A	N/A	N/A	N/A
16	Plant Unit Info	74.5	12,292	24.6%	N/A	24.6%	N/A						
17	Blackwater River PV Solar												
18	Solar		9,447					N/A	N/A	N/A	N/A	N/A	N/A
19	Plant Unit Info	74.5	9,447	18.9%	N/A	18.9%	N/A						
20	Blue Cypress PV Solar												
21	Solar		11,956					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	11,956	23.9%	N/A	23.9%	N/A						
23	Blue Heron PV Solar												
24	Solar		12,824					N/A	N/A	N/A	N/A	N/A	N/A
25	Plant Unit Info	74.5	12,824	25.6%	N/A	25.6%	N/A						
26	Blue Indigo PV Solar												
27	Solar		10,892					N/A	N/A	N/A	N/A	N/A	N/A
28	Plant Unit Info	74.5	10,892	21.8%	N/A	21.8%	N/A						
29	Blue Springs PV Solar												
30	Solar		9,324					N/A	N/A	N/A	N/A	N/A	N/A
31	Plant Unit Info	74.5	9,324	18.6%	N/A	18.6%	N/A						
32	Bluefield Preserve PV Solar												
33	Solar		11,153					N/A	N/A	N/A	N/A	N/A	N/A
34	Plant Unit Info	74.5	11,153	22.3%	N/A	22.3%	N/A						
35	Cape Canaveral 3												

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ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		315,603				6,797	2,093,401	1,024,700	2,145,108	20,396,548	6.46	8.30
2	Plant Unit Info	1,326.0	315,603	35.4%	93.4%	38.8%	6,797			2,145,108	20,396,548	6.46	
3	Cattle Ranch PV Solar												
4	Solar		10,836					N/A	N/A	N/A	N/A	N/A	N/A
5	Plant Unit Info	74.5	10,836	21.6%	N/A	21.6%	N/A						
6	Cavendish PV Solar												
7	Solar		11,145					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	11,145	22.3%	N/A	22.3%	N/A						
9	Chautauqua PV Solar												
10	Solar		10,867					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	10,867	21.7%	N/A	21.7%	N/A						
12	Chipola River PV Solar												
13	Solar		9,801					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	9,801	19.6%	N/A	19.6%	N/A						
15	Citrus PV Solar												
16	Solar		12,152					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	12,152	24.3%	N/A	24.3%	N/A						
18	Coral Farms PV Solar												
19	Solar		11,312					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	11,312	22.6%	N/A	22.6%	N/A						
21	Cotton Creek PV Solar												
22	Solar		9,772					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	9,772	19.5%	N/A	19.5%	N/A						
24	Cypress Pond PV Solar												
25	Solar		0					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	0	N/A	N/A	N/A	N/A						
27	Dania Beach 7												
28	Gas		461,881				6,497	2,928,483	1,024,700	3,000,817	26,731,868	5.79	8.09
29	Plant Unit Info	1,136.0	461,881	60.5%	93.6%	63.6%	6,497			3,000,817	26,731,868	5.79	
30	Daniel 1												
31	Coal											N/A	0.00
32	Plant Unit Info	251.0	0	N/A	93.6%	N/A	N/A						
33	Daniel 2												
34	Coal											N/A	0.00
35	Plant Unit Info	251.0	0	N/A	93.6%	N/A	N/A						

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Desoto PV Solar												
2	Solar		3,136					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	25.0	3,136	18.7%	N/A	18.7%	N/A						
4	Discovery PV Solar												
5	Solar		9,856					N/A	N/A	N/A	N/A	N/A	N/A
6	Plant Unit Info	74.5	9,856	19.7%	N/A	19.7%	N/A						
7	Echo River PV Solar												
8	Solar		11,452					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	11,452	22.9%	N/A	22.9%	N/A						
10	Egret PV Solar												
11	Solar		9,548					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	74.5	9,548	19.1%	N/A	19.1%	N/A						
13	Elder Branch PV Solar												
14	Solar		11,480					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	11,480	22.9%	N/A	22.9%	N/A						
16	Etonia Creek PV Solar												
17	Solar		0					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	0	N/A	N/A	N/A	N/A						
19	Everglades PV Solar												
20	Solar		11,509					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	11,509	23.0%	N/A	23.0%	N/A						
22	First City PV Solar												
23	Solar		9,171					N/A	N/A	N/A	N/A	N/A	N/A
24	Plant Unit Info	74.5	9,171	18.3%	N/A	18.3%	N/A						
25	Flowers Creek PV Solar												
26	Solar		8,680					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	8,680	17.3%	N/A	17.3%	N/A						
28	Fort Drum PV Solar												
29	Solar		10,584					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	10,584	21.1%	N/A	21.1%	N/A						
31	Fort Myers 2												
32	Gas		616,964				7,121	4,287,275	1,024,700	4,393,171	38,610,532	6.26	8.30
33	Plant Unit Info	1,741.0	616,964	52.8%	93.8%	56.8%	7,121			4,393,171	38,610,532	6.26	
34	Fort Myers 3A												
35	Light Oil		0				0	0	0	0	0	0.00	0.00

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		0					0	0	0	0	0.00	0.00
2	Plant Unit Info	193.0	0	N/A	93.7%	N/A	N/A						
3	Fort Myers 3B												
4	Light Oil		0				0	0	0	0	0	0.00	0.00
5	Gas		0					0	0	0	0	0.00	0.00
6	Plant Unit Info	193.0	0	N/A	93.7%	N/A	N/A						
7	Fort Myers 3C												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Gas		1,016				10,579	10,489	1,024,700	10,748	3,117,698	306.86	8.55
10	Plant Unit Info	221.0	1,016	0.7%	93.7%	0.7%	10,579			10,748	3,117,698	306.86	
11	Fort Myers 3D												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		2,032				10,579	20,978	1,024,700	21,496	3,207,154	157.83	8.54
14	Plant Unit Info	221.0	2,032	1.4%	93.7%	1.5%	10,579			21,496	3,207,154	157.83	
15	Fort Myers GT												
16	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
17	GCEC 4												
18	Gas		0					0	0	0	0	0.00	0.00
19	Plant Unit Info	75.0	0	N/A	93.8%	N/A	N/A						
20	GCEC 5												
21	Gas		0					0	0	0	0	0.00	0.00
22	Plant Unit Info	75.0	0	N/A	93.8%	N/A	N/A						
23	GCEC 6												
24	Gas		0					0	0	0	0	0.00	0.00
25	Plant Unit Info	315.0	0	N/A	93.6%	N/A	N/A						
26	GCEC 7												
27	Gas		0					0	0	0	0	0.00	0.00
28	Plant Unit Info	496.0	0	N/A	93.6%	N/A	N/A						
29	GCEC 8A												
30	Gas		2,472				12,314	29,705	1,024,700	30,439	3,295,101	133.30	8.99
31	Plant Unit Info	224.0	2,472	1.6%	93.8%	1.6%	12,314			30,439	3,295,101	133.30	
32	GCEC 8B												
33	Gas		1,188				12,699	14,723	1,024,700	15,087	3,160,407	266.03	8.99
34	Plant Unit Info	224.0	1,188	0.8%	93.8%	0.8%	12,699			15,087	3,160,407	266.03	
35	GCEC 8C												

FLORIDA POWER & LIGHT COMPANY
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		0					0	0	0	0	0.00	0.00
2	Plant Unit Info	220.0	0	N/A	93.8%	N/A	N/A						
3	GCEC 8D												
4	Gas		670				12,176	7,961	1,024,701	8,158	3,099,614	462.63	8.99
5	Plant Unit Info	220.0	670	0.5%	93.8%	0.4%	12,176			8,158	3,099,614	462.63	
6	Ghost Orchid PV Solar												
7	Solar		11,312					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	11,312	22.6%	N/A	22.6%	N/A						
9	Grove PV Solar												
10	Solar		11,004					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	11,004	22.0%	N/A	22.0%	N/A						
12	Hammock PV Solar												
13	Solar		12,320					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	12,320	24.6%	N/A	24.6%	N/A						
15	Hibiscus PV Solar												
16	Solar		12,096					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	12,096	24.2%	N/A	24.2%	N/A						
18	Horizon PV Solar												
19	Solar		11,424					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	11,424	22.8%	N/A	22.8%	N/A						
21	Immokalee PV Solar												
22	Solar		11,760					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	11,760	23.5%	N/A	23.5%	N/A						
24	Indian River PV Solar												
25	Solar		12,012					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	12,012	24.0%	N/A	24.0%	N/A						
27	Interstate PV Solar												
28	Solar		11,984					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	11,984	23.9%	N/A	23.9%	N/A						
30	Lakeside PV Solar												
31	Solar		11,480					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	11,480	22.9%	N/A	22.9%	N/A						
33	Lauderdale 1-12												
34	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
35	Lauderdale 6A												

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Light Oil		0				0	0	0	0	0	0.00	0.00
2	Gas		687				12,779	8,567	1,024,699	8,779	3,097,357	450.85	8.09
3	Plant Unit Info	218.0	687	0.5%	93.7%	0.5%	12,779			8,779	3,097,357	450.85	
4	Lauderdale 6B												
5	Light Oil		0				0	0	0	0	0	0.00	0.00
6	Gas		0					0	0	0	0	0.00	0.00
7	Plant Unit Info	218.0	0	N/A	93.7%	N/A	N/A						
8	Lauderdale 6C												
9	Light Oil		0				0	0	0	0	0	0.00	0.00
10	Gas		783				11,945	9,128	1,024,700	9,353	3,101,886	396.15	8.09
11	Plant Unit Info	218.0	783	0.5%	93.7%	0.6%	11,945			9,353	3,101,886	396.15	
12	Lauderdale 6D												
13	Light Oil		0				0	0	0	0	0	0.00	0.00
14	Gas		0					0	0	0	0	0.00	0.00
15	Plant Unit Info	218.0	0	N/A	93.7%	N/A	N/A						
16	Lauderdale 6E												
17	Light Oil		0				0	0	0	0	0	0.00	0.00
18	Gas		783				11,945	9,128	1,024,700	9,353	3,101,886	396.15	8.09
19	Plant Unit Info	218.0	783	0.5%	93.7%	0.6%	11,945			9,353	3,101,886	396.15	
20	Loggerhead PV Solar												
21	Solar		12,152					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	12,152	24.3%	N/A	24.3%	N/A						
23	Magnolia Springs PV Solar												
24	Solar		9,716					N/A	N/A	N/A	N/A	N/A	N/A
25	Plant Unit Info	74.5	9,716	19.4%	N/A	19.4%	N/A						
26	Manatee 1												
27	Plant Unit Info	797.0	0	N/A	100.0%	N/A	N/A						
28	Manatee 2												
29	Plant Unit Info	797.0	0	N/A	100.0%	N/A	N/A						
30	Manatee 3												
31	Gas		526,595				6,850	3,519,987	1,024,700	3,606,931	32,879,700	6.24	8.48
32	Plant Unit Info	1,265.0	526,595	62.5%	93.9%	67.2%	6,850			3,606,931	32,879,700	6.24	
33	Manatee PV Solar												
34	Solar		12,236					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	12,236	24.4%	N/A	24.4%	N/A						

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ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Martin 3												
2	Gas		162,768				7,331	1,164,526	1,024,700	1,193,290	12,906,363	7.93	8.48
3	Plant Unit Info	487.0	162,768	49.7%	93.9%	54.2%	7,331			1,193,290	12,906,363	7.93	
4	Martin 4												
5	Gas		33,059				7,854	253,396	1,024,700	259,655	5,176,302	15.66	8.48
6	Plant Unit Info	487.0	33,059	10.1%	93.9%	10.8%	7,854			259,655	5,176,302	15.66	
7	Martin 8												
8	Gas		273,021				6,999	1,864,731	1,024,700	1,910,790	18,839,294	6.90	8.48
9	Plant Unit Info	1,264.0	273,021	32.3%	93.5%	34.9%	6,999			1,910,790	18,839,294	6.90	
10	Martin 8 Solar												
11	Solar		8,484					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	75.0	8,484	23.0%	96.4%	23.8%	N/A						
13	Miami-Dade PV Solar												
14	Solar		12,208					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	12,208	24.4%	N/A	24.4%	N/A						
16	Nassau PV Solar												
17	Solar		9,212					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	9,212	18.4%	N/A	18.4%	N/A						
19	Northern Preserve PV Solar												
20	Solar		9,520					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	9,520	19.0%	N/A	19.0%	N/A						
22	Okeechobee 1												
23	Gas		730,519				6,331	4,513,577	1,024,700	4,625,062	42,341,198	5.80	8.71
24	Plant Unit Info	1,607.0	730,519	67.7%	76.3%	91.4%	6,331			4,625,062	42,341,198	5.80	
25	Okeechobee PV Solar												
26	Solar		11,732					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	11,732	23.4%	N/A	23.4%	N/A						
28	Orange Blossom PV Solar												
29	Solar		11,256					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	11,256	22.5%	N/A	22.5%	N/A						
31	Palm Bay PV Solar												
32	Solar		11,228					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	11,228	22.4%	N/A	22.4%	N/A						
34	Pea Ridge												
35	Gas		0					0	0	0	0	0.00	0.00

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	13.5	0	N/A	N/A	N/A	N/A						
2	Pelican PV Solar												
3	Solar		11,284					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	11,284	22.5%	N/A	22.5%	N/A						
5	Perdido												
6	Gas		1,714				10,498	17,559	1,024,700	17,993	3,095,311	180.59	3.83
7	Plant Unit Info	3.0	1,714	N/A	N/A	N/A	10,498			17,993	3,095,311	180.59	
8	Pink Trail PV Solar												
9	Solar		11,069					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	11,069	22.1%	N/A	22.1%	N/A						
11	Pioneer Trail PV Solar												
12	Solar		11,116					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	11,116	22.2%	N/A	22.2%	N/A						
14	Port Everglades 5												
15	Light Oil		0				0	0	0	0	0	0.00	0.00
16	Gas		507,669				6,512	3,226,179	1,024,700	3,305,866	29,140,786	5.74	8.09
17	Plant Unit Info	1,208.0	507,669	58.9%	93.0%	64.2%	6,512			3,305,866	29,140,786	5.74	
18	Riviera 5												
19	Gas		435,868				6,684	2,843,071	1,024,700	2,913,295	27,791,128	6.38	8.71
20	Plant Unit Info	1,281.0	435,868	48.9%	93.4%	53.0%	6,684			2,913,295	27,791,128	6.38	
21	Rodeo PV Solar												
22	Solar		11,116					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	11,116	22.2%	N/A	22.2%	N/A						
24	Sabal Palm PV Solar												
25	Solar		11,340					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	11,340	22.7%	N/A	22.7%	N/A						
27	Sanford 4												
28	Gas		67,064				7,390	483,637	1,024,700	495,583	7,140,363	10.65	8.50
29	Plant Unit Info	1,185.0	67,064	8.5%	94.1%	9.1%	7,390			495,583	7,140,363	10.65	
30	Sanford 5												
31	Gas		335,081				7,006	2,291,096	1,024,700	2,347,686	22,047,400	6.58	8.30
32	Plant Unit Info	1,180.0	335,081	42.3%	94.1%	45.5%	7,006			2,347,686	22,047,400	6.58	
33	Saw Palmetto PV Solar												
34	Solar		0					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	0	N/A	N/A	N/A	N/A						

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Sawgrass PV Solar												
2	Solar		11,200					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	11,200	22.4%	N/A	22.4%	N/A						
4	Scherer 3												
5	Coal		134,815				10,450	82,869	17,000,000	1,408,780	4,769,318	3.54	57.55
6	Plant Unit Info	215.0	134,815	93.3%	93.7%	100.0%	10,450			1,408,780	4,769,318	3.54	
7	Shirer Branch PV Solar												
8	Solar		11,073					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	11,073	22.1%	N/A	22.1%	N/A						
10	Smith 3												
11	Gas		39,871				7,153	278,305	1,024,700	285,179	5,586,147	14.01	9.19
12	Plant Unit Info	634.0	39,871	9.4%	93.9%	10.1%	7,153			285,179	5,586,147	14.01	
13	Smith A												
14	Light Oil		0				0	0	0	0	0	0.00	0.00
15	Plant Unit Info	36.0	0	N/A	100.0%	N/A	N/A						
16	Southfork PV Solar												
17	Solar		12,572					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	12,572	25.1%	N/A	25.1%	N/A						
19	Space Coast PV Solar												
20	Solar		1,232					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	10.0	1,232	18.3%	N/A	18.3%	N/A						
22	St. Lucie 1												
23	Nuclear		657,167				10,328	6,787,415	1,000,000	6,787,415	3,092,347	0.47	0.46
24	Plant Unit Info	1,003.0	657,167	97.5%	97.5%	100.0%	10,328			6,787,415	3,092,347	0.47	
25	St. Lucie 2												
26	Nuclear		342,123				10,257	3,509,046	1,000,000	3,509,046	1,508,188	0.44	0.43
27	Plant Unit Info	860.0	342,123	58.2%	58.2%	100.0%	10,257			3,509,046	1,508,188	0.44	
28	Sundew PV Solar												
29	Solar		11,116					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	11,116	22.2%	N/A	22.2%	N/A						
31	Sunshine Gateway PV Solar												
32	Solar		10,892					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	10,892	21.8%	N/A	21.8%	N/A						
34	Sweetbay PV Solar												
35	Solar		10,696					N/A	N/A	N/A	N/A	N/A	N/A

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	74.5	10,696	21.4%	N/A	21.4%	N/A						
2	Trailside PV Solar												
3	Solar		9,800					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	9,800	19.6%	N/A	19.6%	N/A						
5	Turkey Point 3												
6	Nuclear		562,817				10,541	5,932,821	1,000,000	5,932,821	2,935,560	0.52	0.49
7	Plant Unit Info	859.0	562,817	97.5%	97.5%	100.0%	10,541			5,932,821	2,935,560	0.52	
8	Turkey Point 4												
9	Nuclear		567,403				10,456	5,932,825	1,000,000	5,932,825	2,972,345	0.52	0.50
10	Plant Unit Info	866.0	567,403	97.5%	97.5%	100.0%	10,456			5,932,825	2,972,345	0.52	
11	Turkey Point 5												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		346,015				6,978	2,356,279	1,024,700	2,414,479	22,105,594	6.39	8.10
14	Plant Unit Info	1,294.0	346,015	39.8%	59.1%	68.1%	6,978			2,414,479	22,105,594	6.39	
15	Twin Lakes PV Solar												
16	Solar		10,332					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	10,332	20.6%	N/A	20.6%	N/A						
18	Union Springs PV Solar												
19	Solar		9,604					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	9,604	19.2%	N/A	19.2%	N/A						
21	West County 1												
22	Gas		512,115				6,745	3,371,154	1,024,700	3,454,421	31,617,842	6.17	8.48
23	Plant Unit Info	1,248.0	512,115	61.1%	93.7%	66.9%	6,745			3,454,421	31,617,842	6.17	
24	West County 2												
25	Gas		531,010				6,725	3,484,988	1,024,700	3,571,067	32,578,070	6.14	8.48
26	Plant Unit Info	1,248.0	531,010	63.3%	93.7%	69.9%	6,725			3,571,067	32,578,070	6.14	
27	West County 3												
28	Gas		285,757				6,693	1,866,580	1,024,700	1,912,685	18,864,616	6.60	8.48
29	Plant Unit Info	1,254.0	285,757	33.9%	43.7%	80.8%	6,693			1,912,685	18,864,616	6.60	
30	Wild Azalea PV Solar												
31	Solar		10,958					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	10,958	21.9%	N/A	21.9%	N/A						
33	Wildflower PV Solar												
34	Solar		12,012					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	12,012	24.0%	N/A	24.0%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Willow PV Solar												
2	Solar		10,948					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	10,948	21.9%	N/A	21.9%	N/A						
4	_System Totals												
5	Plant Unit Info	34,442	9,140,838				7,170			65,537,379	438,307,925	4.80	N/A
6													
7													
8													
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10													
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FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Mar - 2023												
2	Anhinga PV Solar												
3	Solar		12,894					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	12,894	23.3%	N/A	23.3%	N/A						
5	Apalachee PV Solar												
6	Solar		14,725					N/A	N/A	N/A	N/A	N/A	N/A
7	Plant Unit Info	74.5	14,725	26.6%	N/A	26.6%	N/A						
8	Babcock Preserve PV Solar												
9	Solar		15,655					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	15,655	28.2%	N/A	28.2%	N/A						
11	Babcock Ranch PV Solar												
12	Solar		15,190					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	15,190	27.4%	N/A	27.4%	N/A						
14	Barefoot Bay PV Solar												
15	Solar		15,376					N/A	N/A	N/A	N/A	N/A	N/A
16	Plant Unit Info	74.5	15,376	27.7%	N/A	27.7%	N/A						
17	Blackwater River PV Solar												
18	Solar		13,186					N/A	N/A	N/A	N/A	N/A	N/A
19	Plant Unit Info	74.5	13,186	23.8%	N/A	23.8%	N/A						
20	Blue Cypress PV Solar												
21	Solar		14,632					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	14,632	26.4%	N/A	26.4%	N/A						
23	Blue Heron PV Solar												
24	Solar		15,407					N/A	N/A	N/A	N/A	N/A	N/A
25	Plant Unit Info	74.5	15,407	27.8%	N/A	27.8%	N/A						
26	Blue Indigo PV Solar												
27	Solar		15,717					N/A	N/A	N/A	N/A	N/A	N/A
28	Plant Unit Info	74.5	15,717	28.4%	N/A	28.4%	N/A						
29	Blue Springs PV Solar												
30	Solar		14,167					N/A	N/A	N/A	N/A	N/A	N/A
31	Plant Unit Info	74.5	14,167	25.6%	N/A	25.6%	N/A						
32	Bluefield Preserve PV Solar												
33	Solar		13,947					N/A	N/A	N/A	N/A	N/A	N/A
34	Plant Unit Info	74.5	13,947	25.2%	N/A	25.2%	N/A						
35	Cape Canaveral 3												

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		379,552				6,745	2,498,343	1,024,700	2,560,052	20,891,799	5.50	7.04
2	Plant Unit Info	1,326.0	379,552	38.5%	93.4%	42.1%	6,745			2,560,052	20,891,799	5.50	
3	Cattle Ranch PV Solar												
4	Solar		14,539					N/A	N/A	N/A	N/A	N/A	N/A
5	Plant Unit Info	74.5	14,539	26.2%	N/A	26.2%	N/A						
6	Cavendish PV Solar												
7	Solar		15,208					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	15,208	27.4%	N/A	27.4%	N/A						
9	Chautauqua PV Solar												
10	Solar		15,825					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	15,825	28.6%	N/A	28.6%	N/A						
12	Chipola River PV Solar												
13	Solar		14,903					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	14,903	26.9%	N/A	26.9%	N/A						
15	Citrus PV Solar												
16	Solar		15,004					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	15,004	27.1%	N/A	27.1%	N/A						
18	Coral Farms PV Solar												
19	Solar		14,508					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	14,508	26.2%	N/A	26.2%	N/A						
21	Cotton Creek PV Solar												
22	Solar		13,330					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	13,330	24.1%	N/A	24.1%	N/A						
24	Cypress Pond PV Solar												
25	Solar		0					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	0	N/A	N/A	N/A	N/A						
27	Dania Beach 7												
28	Gas		593,510				6,414	3,714,739	1,024,700	3,806,493	29,384,625	4.95	7.02
29	Plant Unit Info	1,136.0	593,510	70.2%	93.6%	73.9%	6,414			3,806,493	29,384,625	4.95	
30	Daniel 1												
31	Coal											N/A	0.00
32	Plant Unit Info	251.0	0	N/A	93.6%	N/A	N/A						
33	Daniel 2												
34	Coal											N/A	0.00
35	Plant Unit Info	251.0	0	N/A	93.6%	N/A	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Desoto PV Solar												
2	Solar		4,309					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	25.0	4,309	23.2%	N/A	23.2%	N/A						
4	Discovery PV Solar												
5	Solar		13,330					N/A	N/A	N/A	N/A	N/A	N/A
6	Plant Unit Info	74.5	13,330	24.1%	N/A	24.1%	N/A						
7	Echo River PV Solar												
8	Solar		16,058					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	16,058	29.0%	N/A	29.0%	N/A						
10	Egret PV Solar												
11	Solar		14,198					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	74.5	14,198	25.6%	N/A	25.6%	N/A						
13	Elder Branch PV Solar												
14	Solar		15,841					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	15,841	28.6%	N/A	28.6%	N/A						
16	Etonia Creek PV Solar												
17	Solar		0					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	0	N/A	N/A	N/A	N/A						
19	Everglades PV Solar												
20	Solar		14,523					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	14,523	26.2%	N/A	26.2%	N/A						
22	First City PV Solar												
23	Solar		12,684					N/A	N/A	N/A	N/A	N/A	N/A
24	Plant Unit Info	74.5	12,684	22.9%	N/A	22.9%	N/A						
25	Flowers Creek PV Solar												
26	Solar		13,285					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	13,285	24.0%	N/A	24.0%	N/A						
28	Fort Drum PV Solar												
29	Solar		13,640					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	13,640	24.6%	N/A	24.6%	N/A						
31	Fort Myers 2												
32	Gas		715,283				7,100	4,956,412	1,024,700	5,078,835	38,205,839	5.34	7.04
33	Plant Unit Info	1,741.0	715,283	55.3%	89.5%	62.4%	7,100			5,078,835	38,205,839	5.34	
34	Fort Myers 3A												
35	Light Oil		0				0	0	0	0	0	0.00	0.00

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		0					0	0	0	0	0.00	0.00
2	Plant Unit Info	193.0	0	N/A	93.7%	N/A	N/A						
3	Fort Myers 3B												
4	Light Oil		0				0	0	0	0	0	0.00	0.00
5	Gas		703				12,047	8,265	1,024,700	8,469	3,370,902	479.50	7.01
6	Plant Unit Info	193.0	703	0.5%	93.7%	0.5%	12,047			8,469	3,370,902	479.50	
7	Fort Myers 3C												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Gas		2,032				10,579	20,978	1,024,700	21,496	3,460,008	170.28	7.01
10	Plant Unit Info	221.0	2,032	1.2%	93.7%	1.4%	10,579			21,496	3,460,008	170.28	
11	Fort Myers 3D												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		1,933				10,814	20,400	1,024,700	20,904	3,458,188	178.90	7.12
14	Plant Unit Info	221.0	1,933	1.2%	99.2%	1.3%	10,814			20,904	3,458,188	178.90	
15	Fort Myers GT												
16	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
17	GCEC 4												
18	Gas		0					0	0	0	0	0.00	0.00
19	Plant Unit Info	75.0	0	N/A	93.8%	N/A	N/A						
20	GCEC 5												
21	Gas		0					0	0	0	0	0.00	0.00
22	Plant Unit Info	75.0	0	N/A	93.8%	N/A	N/A						
23	GCEC 6												
24	Gas		0					0	0	0	0	0.00	0.00
25	Plant Unit Info	315.0	0	N/A	3.3%	N/A	N/A						
26	GCEC 7												
27	Gas		0					0	0	0	0	0.00	0.00
28	Plant Unit Info	496.0	0	N/A	93.6%	N/A	N/A						
29	GCEC 8A												
30	Gas		2,435				12,584	29,902	1,024,700	30,641	3,532,016	145.05	7.33
31	Plant Unit Info	224.0	2,435	1.5%	93.8%	1.4%	12,584			30,641	3,532,016	145.05	
32	GCEC 8B												
33	Gas		3,118				12,474	37,957	1,024,700	38,895	3,592,454	115.22	7.36
34	Plant Unit Info	224.0	3,118	1.9%	93.8%	1.8%	12,474			38,895	3,592,454	115.22	
35	GCEC 8C												

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		0					0	0	0	0	0.00	0.00
2	Plant Unit Info	220.0	0	N/A	93.8%	N/A	N/A						
3	GCEC 8D												
4	Gas		0					0	0	0	0	0.00	0.00
5	Plant Unit Info	220.0	0	N/A	93.8%	N/A	N/A						
6	Ghost Orchid PV Solar												
7	Solar		14,229					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	14,229	25.7%	N/A	25.7%	N/A						
9	Grove PV Solar												
10	Solar		13,857					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	13,857	25.0%	N/A	25.0%	N/A						
12	Hammock PV Solar												
13	Solar		14,818					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	14,818	26.7%	N/A	26.7%	N/A						
15	Hibiscus PV Solar												
16	Solar		14,942					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	14,942	27.0%	N/A	27.0%	N/A						
18	Horizon PV Solar												
19	Solar		14,508					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	14,508	26.2%	N/A	26.2%	N/A						
21	Immokalee PV Solar												
22	Solar		14,570					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	14,570	26.3%	N/A	26.3%	N/A						
24	Indian River PV Solar												
25	Solar		14,725					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	14,725	26.6%	N/A	26.6%	N/A						
27	Interstate PV Solar												
28	Solar		14,632					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	14,632	26.4%	N/A	26.4%	N/A						
30	Lakeside PV Solar												
31	Solar		14,353					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	14,353	25.9%	N/A	25.9%	N/A						
33	Lauderdale 1-12												
34	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
35	Lauderdale 6A												

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Light Oil		0				0	0	0	0	0	0.00	0.00
2	Gas		1,983				10,682	20,672	1,024,700	21,183	3,457,866	174.38	7.01
3	Plant Unit Info	218.0	1,983	1.2%	93.7%	1.3%	10,682			21,183	3,457,866	174.38	
4	Lauderdale 6B												
5	Light Oil		0				0	0	0	0	0	0.00	0.00
6	Gas		1,005				10,621	10,417	1,024,700	10,674	3,385,983	336.91	7.01
7	Plant Unit Info	218.0	1,005	0.6%	93.7%	0.7%	10,621			10,674	3,385,983	336.91	
8	Lauderdale 6C												
9	Light Oil		0				0	0	0	0	0	0.00	0.00
10	Gas		0					0	0	0	0	0.00	0.00
11	Plant Unit Info	218.0	0	N/A	93.7%	N/A	N/A						
12	Lauderdale 6D												
13	Light Oil		0				0	0	0	0	0	0.00	0.00
14	Gas		1,005				10,621	10,417	1,024,700	10,674	3,385,983	336.91	7.01
15	Plant Unit Info	218.0	1,005	0.6%	93.7%	0.7%	10,621			10,674	3,385,983	336.91	
16	Lauderdale 6E												
17	Light Oil		0				0	0	0	0	0	0.00	0.00
18	Gas		1,005				10,621	10,417	1,024,700	10,674	3,385,983	336.91	7.01
19	Plant Unit Info	218.0	1,005	0.6%	93.7%	0.7%	10,621			10,674	3,385,983	336.91	
20	Loggerhead PV Solar												
21	Solar		14,632					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	14,632	26.4%	N/A	26.4%	N/A						
23	Magnolia Springs PV Solar												
24	Solar		14,539					N/A	N/A	N/A	N/A	N/A	N/A
25	Plant Unit Info	74.5	14,539	26.2%	N/A	26.2%	N/A						
26	Manatee 1												
27	Plant Unit Info	797.0	0	N/A	100.0%	N/A	N/A						
28	Manatee 2												
29	Plant Unit Info	797.0	0	N/A	100.0%	N/A	N/A						
30	Manatee 3												
31	Gas		587,083				6,852	3,925,703	1,024,700	4,022,668	31,850,603	5.43	7.27
32	Plant Unit Info	1,265.0	587,083	62.9%	93.9%	67.7%	6,852			4,022,668	31,850,603	5.43	
33	Manatee PV Solar												
34	Solar		15,438					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	15,438	27.9%	N/A	27.9%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Martin 3												
2	Gas		58,038				7,642	432,809	1,024,700	443,499	6,415,151	11.05	7.17
3	Plant Unit Info	487.0	58,038	16.0%	93.9%	17.4%	7,642			443,499	6,415,151	11.05	
4	Martin 4												
5	Gas		74,185				7,643	553,341	1,024,700	567,009	7,279,000	9.81	7.17
6	Plant Unit Info	487.0	74,185	20.5%	71.3%	29.0%	7,643			567,009	7,279,000	9.81	
7	Martin 8												
8	Gas		671,487				6,861	4,495,879	1,024,700	4,606,927	35,522,543	5.29	7.16
9	Plant Unit Info	1,264.0	671,487	71.7%	93.5%	77.6%	6,861			4,606,927	35,522,543	5.29	
10	Martin 8 Solar												
11	Solar		11,873					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	75.0	11,873	29.0%	96.4%	30.1%	N/A						
13	Miami-Dade PV Solar												
14	Solar		14,942					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	14,942	27.0%	N/A	27.0%	N/A						
16	Nassau PV Solar												
17	Solar		13,733					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	13,733	24.8%	N/A	24.8%	N/A						
19	Northern Preserve PV Solar												
20	Solar		12,400					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	12,400	22.4%	N/A	22.4%	N/A						
22	Okeechobee 1												
23	Gas		800,437				6,313	4,931,189	1,024,700	5,052,989	38,631,143	4.83	7.16
24	Plant Unit Info	1,607.0	800,437	66.0%	68.3%	100.0%	6,313			5,052,989	38,631,143	4.83	
25	Okeechobee PV Solar												
26	Solar		14,570					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	14,570	26.3%	N/A	26.3%	N/A						
28	Orange Blossom PV Solar												
29	Solar		14,291					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	14,291	25.8%	N/A	25.8%	N/A						
31	Palm Bay PV Solar												
32	Solar		14,384					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	14,384	26.0%	N/A	26.0%	N/A						
34	Pea Ridge												
35	Gas		0					0	0	0	0	0.00	0.00

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	13.5	0	N/A	N/A	N/A	N/A						
2	Pelican PV Solar												
3	Solar		14,384					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	14,384	26.0%	N/A	26.0%	N/A						
5	Perdido												
6	Gas		1,897				10,501	19,441	1,024,700	19,921	3,387,456	178.57	3.83
7	Plant Unit Info	3.0	1,897	N/A	N/A	N/A	10,501			19,921	3,387,456	178.57	
8	Pink Trail PV Solar												
9	Solar		13,816					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	13,816	24.9%	N/A	24.9%	N/A						
11	Pioneer Trail PV Solar												
12	Solar		14,198					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	14,198	25.6%	N/A	25.6%	N/A						
14	Port Everglades 5												
15	Light Oil		0				0	0	0	0	0	0.00	0.00
16	Gas		94,828				6,691	619,213	1,024,700	634,508	7,679,041	8.10	7.05
17	Plant Unit Info	1,208.0	94,828	9.9%	15.6%	69.5%	6,691			634,508	7,679,041	8.10	
18	Riviera 5												
19	Gas		701,932				6,589	4,513,729	1,024,700	4,625,218	35,641,215	5.08	7.16
20	Plant Unit Info	1,281.0	701,932	71.2%	93.4%	77.1%	6,589			4,625,218	35,641,215	5.08	
21	Rodeo PV Solar												
22	Solar		15,221					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	15,221	27.5%	N/A	27.5%	N/A						
24	Sabal Palm PV Solar												
25	Solar		14,415					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	14,415	26.0%	N/A	26.0%	N/A						
27	Sanford 4												
28	Gas		20,827				8,425	171,244	1,024,700	175,474	4,516,550	21.69	7.03
29	Plant Unit Info	1,185.0	20,827	2.4%	54.6%	4.5%	8,425			175,474	4,516,550	21.69	
30	Sanford 5												
31	Gas		373,597				6,994	2,549,907	1,024,700	2,612,890	21,252,184	5.69	7.04
32	Plant Unit Info	1,180.0	373,597	42.6%	78.8%	55.1%	6,994			2,612,890	21,252,184	5.69	
33	Saw Palmetto PV Solar												
34	Solar		0					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	0	N/A	N/A	N/A	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Sawgrass PV Solar												
2	Solar		14,105					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	14,105	25.5%	N/A	25.5%	N/A						
4	Scherer 3												
5	Coal		142,635				10,472	87,863	17,000,001	1,493,677	5,097,651	3.57	58.02
6	Plant Unit Info	215.0	142,635	89.2%	93.7%	95.6%	10,472			1,493,677	5,097,651	3.57	
7	Shirer Branch PV Solar												
8	Solar		16,055					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	16,055	29.0%	N/A	29.0%	N/A						
10	Smith 3												
11	Gas		35,107				7,354	251,956	1,024,700	258,179	5,355,842	15.26	8.11
12	Plant Unit Info	634.0	35,107	7.4%	32.6%	23.7%	7,354			258,179	5,355,842	15.26	
13	Smith A												
14	Light Oil		0				0	0	0	0	0	0.00	0.00
15	Plant Unit Info	36.0	0	N/A	100.0%	N/A	N/A						
16	Southfork PV Solar												
17	Solar		17,298					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	17,298	31.2%	N/A	31.2%	N/A						
19	Space Coast PV Solar												
20	Solar		1,581					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	10.0	1,581	21.3%	N/A	21.3%	N/A						
22	St. Lucie 1												
23	Nuclear		727,577				10,328	7,514,638	1,000,000	7,514,638	3,423,669	0.47	0.46
24	Plant Unit Info	1,003.0	727,577	97.5%	97.5%	100.0%	10,328			7,514,638	3,423,669	0.47	
25	St. Lucie 2												
26	Nuclear		201,248				10,257	2,064,145	1,000,000	2,064,145	897,697	0.45	0.43
27	Plant Unit Info	860.0	201,248	29.8%	29.8%	100.0%	10,257			2,064,145	897,697	0.45	
28	Sundew PV Solar												
29	Solar		14,105					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	14,105	25.5%	N/A	25.5%	N/A						
31	Sunshine Gateway PV Solar												
32	Solar		14,229					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	14,229	25.7%	N/A	25.7%	N/A						
34	Sweetbay PV Solar												
35	Solar		13,206					N/A	N/A	N/A	N/A	N/A	N/A

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	74.5	13,206	23.8%	N/A	23.8%	N/A						
2	Trailside PV Solar												
3	Solar		14,756					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	14,756	26.6%	N/A	26.6%	N/A						
5	Turkey Point 3												
6	Nuclear		623,119				10,541	6,568,480	1,000,000	6,568,480	3,250,084	0.52	0.49
7	Plant Unit Info	859.0	623,119	97.5%	97.5%	100.0%	10,541			6,568,480	3,250,084	0.52	
8	Turkey Point 4												
9	Nuclear		628,196				10,456	6,568,485	1,000,000	6,568,485	3,290,811	0.52	0.50
10	Plant Unit Info	866.0	628,196	97.5%	97.5%	100.0%	10,456			6,568,485	3,290,811	0.52	
11	Turkey Point 5												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		447,504				6,948	3,034,129	1,024,700	3,109,072	24,609,553	5.50	7.02
14	Plant Unit Info	1,298.0	447,504	46.5%	81.8%	57.3%	6,948			3,109,072	24,609,553	5.50	
15	Twin Lakes PV Solar												
16	Solar		15,097					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	15,097	27.2%	N/A	27.2%	N/A						
18	Union Springs PV Solar												
19	Solar		14,322					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	14,322	25.8%	N/A	25.8%	N/A						
21	West County 1												
22	Gas		427,653				6,693	2,793,410	1,024,700	2,862,407	23,641,139	5.53	7.28
23	Plant Unit Info	1,248.0	427,653	46.1%	60.4%	79.6%	6,693			2,862,407	23,641,139	5.53	
24	West County 2												
25	Gas		598,144				6,699	3,910,425	1,024,700	4,007,012	31,739,285	5.31	7.27
26	Plant Unit Info	1,248.0	598,144	64.4%	93.7%	71.1%	6,699			4,007,012	31,739,285	5.31	
27	West County 3												
28	Gas		0					0	0	0	0	0.00	0.00
29	Plant Unit Info	1,254.0	0	N/A	N/A	N/A	N/A						
30	Wild Azalea PV Solar												
31	Solar		15,810					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	15,810	28.5%	N/A	28.5%	N/A						
33	Wildflower PV Solar												
34	Solar		14,880					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	14,880	26.9%	N/A	26.9%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Willow PV Solar												
2	Solar		15,097					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	15,097	27.2%	N/A	27.2%	N/A						
4	_System Totals												
5	Plant Unit Info	34,446	9,825,150				7,005			68,826,188	412,992,273	4.20	N/A
6													
7													
8													
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10													
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FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Apr - 2023												
2	Anhinga PV Solar												
3	Solar		14,249					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	14,249	26.6%	N/A	26.6%	N/A						
5	Apalachee PV Solar												
6	Solar		16,432					N/A	N/A	N/A	N/A	N/A	N/A
7	Plant Unit Info	74.5	16,432	30.6%	N/A	30.6%	N/A						
8	Babcock Preserve PV Solar												
9	Solar		16,020					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	16,020	29.9%	N/A	29.9%	N/A						
11	Babcock Ranch PV Solar												
12	Solar		15,360					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	15,360	28.6%	N/A	28.6%	N/A						
14	Barefoot Bay PV Solar												
15	Solar		15,570					N/A	N/A	N/A	N/A	N/A	N/A
16	Plant Unit Info	74.5	15,570	29.0%	N/A	29.0%	N/A						
17	Blackwater River PV Solar												
18	Solar		13,636					N/A	N/A	N/A	N/A	N/A	N/A
19	Plant Unit Info	74.5	13,636	25.4%	N/A	25.4%	N/A						
20	Blue Cypress PV Solar												
21	Solar		14,940					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	14,940	27.9%	N/A	27.9%	N/A						
23	Blue Heron PV Solar												
24	Solar		15,540					N/A	N/A	N/A	N/A	N/A	N/A
25	Plant Unit Info	74.5	15,540	29.0%	N/A	29.0%	N/A						
26	Blue Indigo PV Solar												
27	Solar		17,340					N/A	N/A	N/A	N/A	N/A	N/A
28	Plant Unit Info	74.5	17,340	32.3%	N/A	32.3%	N/A						
29	Blue Springs PV Solar												
30	Solar		15,960					N/A	N/A	N/A	N/A	N/A	N/A
31	Plant Unit Info	74.5	15,960	29.8%	N/A	29.8%	N/A						
32	Bluefield Preserve PV Solar												
33	Solar		14,094					N/A	N/A	N/A	N/A	N/A	N/A
34	Plant Unit Info	74.5	14,094	26.3%	N/A	26.3%	N/A						
35	Cape Canaveral 3												

FLORIDA POWER & LIGHT COMPANY
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		408,239				6,783	2,702,171	1,024,700	2,768,915	17,587,749	4.31	5.48
2	Plant Unit Info	1,308.0	408,239	43.4%	93.4%	47.0%	6,783			2,768,915	17,587,749	4.31	
3	Cattle Ranch PV Solar												
4	Solar		15,690					N/A	N/A	N/A	N/A	N/A	N/A
5	Plant Unit Info	74.5	15,690	29.3%	N/A	29.3%	N/A						
6	Cavendish PV Solar												
7	Solar		16,292					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	16,292	30.4%	N/A	30.4%	N/A						
9	Chautauqua PV Solar												
10	Solar		17,171					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	17,171	32.0%	N/A	32.0%	N/A						
12	Chipola River PV Solar												
13	Solar		16,278					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	16,278	30.4%	N/A	30.4%	N/A						
15	Citrus PV Solar												
16	Solar		15,360					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	15,360	28.6%	N/A	28.6%	N/A						
18	Coral Farms PV Solar												
19	Solar		15,240					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	15,240	28.4%	N/A	28.4%	N/A						
21	Cotton Creek PV Solar												
22	Solar		14,070					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	14,070	26.2%	N/A	26.2%	N/A						
24	Cypress Pond PV Solar												
25	Solar		0					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	0	N/A	N/A	N/A	N/A						
27	Dania Beach 7												
28	Gas		312,341				6,490	1,978,259	1,024,700	2,027,122	13,359,827	4.28	5.34
29	Plant Unit Info	1,101.0	312,341	39.4%	53.6%	76.2%	6,490			2,027,122	13,359,827	4.28	
30	Daniel 1												
31	Coal											N/A	0.00
32	Plant Unit Info	251.0	0	N/A	93.6%	N/A	N/A						
33	Daniel 2												
34	Coal											N/A	0.00
35	Plant Unit Info	251.0	0	N/A	93.6%	N/A	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Desoto PV Solar												
2	Solar		4,770					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	25.0	4,770	26.5%	N/A	26.5%	N/A						
4	Discovery PV Solar												
5	Solar		13,920					N/A	N/A	N/A	N/A	N/A	N/A
6	Plant Unit Info	74.5	13,920	26.0%	N/A	26.0%	N/A						
7	Echo River PV Solar												
8	Solar		17,550					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	17,550	32.7%	N/A	32.7%	N/A						
10	Egret PV Solar												
11	Solar		15,780					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	74.5	15,780	29.4%	N/A	29.4%	N/A						
13	Elder Branch PV Solar												
14	Solar		17,190					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	17,190	32.1%	N/A	32.1%	N/A						
16	Etonia Creek PV Solar												
17	Solar		0					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	0	N/A	N/A	N/A	N/A						
19	Everglades PV Solar												
20	Solar		14,494					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	14,494	27.0%	N/A	27.0%	N/A						
22	First City PV Solar												
23	Solar		13,385					N/A	N/A	N/A	N/A	N/A	N/A
24	Plant Unit Info	74.5	13,385	25.0%	N/A	25.0%	N/A						
25	Flowers Creek PV Solar												
26	Solar		14,796					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	14,796	27.6%	N/A	27.6%	N/A						
28	Fort Drum PV Solar												
29	Solar		14,220					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	14,220	26.5%	N/A	26.5%	N/A						
31	Fort Myers 2												
32	Gas		700,623				7,105	4,857,950	1,024,700	4,977,941	29,364,012	4.19	5.47
33	Plant Unit Info	1,702.0	700,623	57.2%	83.8%	69.2%	7,105			4,977,941	29,364,012	4.19	
34	Fort Myers 3A												
35	Light Oil		0				0	0	0	0	0	0.00	0.00

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		1,064				11,293	11,726	1,024,700	12,016	2,858,032	268.61	5.59
2	Plant Unit Info	166.0	1,064	0.9%	93.7%	1.0%	11,293			12,016	2,858,032	268.61	
3	Fort Myers 3B												
4	Light Oil		0				0	0	0	0	0	0.00	0.00
5	Gas		1,064				11,293	11,726	1,024,700	12,016	2,858,032	268.61	5.59
6	Plant Unit Info	166.0	1,064	0.9%	93.7%	1.0%	11,293			12,016	2,858,032	268.61	
7	Fort Myers 3C												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Gas		4,079				10,912	43,438	1,024,700	44,511	3,033,533	74.37	5.55
10	Plant Unit Info	219.0	4,079	2.6%	93.7%	2.8%	10,912			44,511	3,033,533	74.37	
11	Fort Myers 3D												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		1,298				10,850	13,744	1,024,700	14,083	2,869,508	221.07	5.61
14	Plant Unit Info	219.0	1,298	0.8%	93.7%	0.9%	10,850			14,083	2,869,508	221.07	
15	Fort Myers GT												
16	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
17	GCEC 4												
18	Gas		0					0	0	0	0	0.00	0.00
19	Plant Unit Info	75.0	0	N/A	50.4%	N/A	N/A						
20	GCEC 5												
21	Gas		0					0	0	0	0	0.00	0.00
22	Plant Unit Info	75.0	0	N/A	50.4%	N/A	N/A						
23	GCEC 6												
24	Gas		0					0	0	0	0	0.00	0.00
25	Plant Unit Info	315.0	0	N/A	N/A	N/A	N/A						
26	GCEC 7												
27	Gas		0					0	0	0	0	0.00	0.00
28	Plant Unit Info	496.0	0	N/A	93.6%	N/A	N/A						
29	GCEC 8A												
30	Gas		6,942				12,289	83,255	1,024,700	85,311	3,277,734	47.22	5.83
31	Plant Unit Info	233.0	6,942	4.1%	93.8%	4.1%	12,289			85,311	3,277,734	47.22	
32	GCEC 8B												
33	Gas		5,374				12,593	66,044	1,024,700	67,675	3,177,099	59.12	5.82
34	Plant Unit Info	233.0	5,374	3.2%	93.8%	3.2%	12,593			67,675	3,177,099	59.12	
35	GCEC 8C												

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		4,163				11,366	46,177	1,024,700	47,318	3,062,415	73.56	5.85
2	Plant Unit Info	228.0	4,163	2.5%	93.8%	2.5%	11,366			47,318	3,062,415	73.56	
3	GCEC 8D												
4	Gas		3,087				11,633	35,044	1,024,700	35,910	2,997,344	97.10	5.85
5	Plant Unit Info	228.0	3,087	1.9%	93.8%	1.8%	11,633			35,910	2,997,344	97.10	
6	Ghost Orchid PV Solar												
7	Solar		14,340					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	14,340	26.7%	N/A	26.7%	N/A						
9	Grove PV Solar												
10	Solar		14,220					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	14,220	26.5%	N/A	26.5%	N/A						
12	Hammock PV Solar												
13	Solar		15,120					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	15,120	28.2%	N/A	28.2%	N/A						
15	Hibiscus PV Solar												
16	Solar		15,420					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	15,420	28.8%	N/A	28.8%	N/A						
18	Horizon PV Solar												
19	Solar		15,270					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	15,270	28.5%	N/A	28.5%	N/A						
21	Immokalee PV Solar												
22	Solar		14,640					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	14,640	27.3%	N/A	27.3%	N/A						
24	Indian River PV Solar												
25	Solar		14,970					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	14,970	27.9%	N/A	27.9%	N/A						
27	Interstate PV Solar												
28	Solar		15,000					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	15,000	28.0%	N/A	28.0%	N/A						
30	Lakeside PV Solar												
31	Solar		14,820					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	14,820	27.6%	N/A	27.6%	N/A						
33	Lauderdale 1-12												
34	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
35	Lauderdale 6A												

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Light Oil		0				0	0	0	0	0	0.00	0.00
2	Gas		1,394				10,508	14,295	1,024,700	14,648	2,868,470	205.77	5.32
3	Plant Unit Info	216.0	1,394	0.9%	93.7%	1.0%	10,508			14,648	2,868,470	205.77	
4	Lauderdale 6B												
5	Light Oil		0				0	0	0	0	0	0.00	0.00
6	Gas		1,387				10,527	14,249	1,024,700	14,601	2,868,230	206.79	5.32
7	Plant Unit Info	216.0	1,387	0.9%	93.7%	1.0%	10,527			14,601	2,868,230	206.79	
8	Lauderdale 6C												
9	Light Oil		0				0	0	0	0	0	0.00	0.00
10	Gas		996				10,590	10,294	1,024,700	10,548	2,847,191	285.86	5.32
11	Plant Unit Info	216.0	996	0.6%	93.7%	0.7%	10,590			10,548	2,847,191	285.86	
12	Lauderdale 6D												
13	Light Oil		0				0	0	0	0	0	0.00	0.00
14	Gas		1,176				11,341	13,016	1,024,700	13,337	2,861,669	243.34	5.32
15	Plant Unit Info	216.0	1,176	0.8%	93.7%	0.8%	11,341			13,337	2,861,669	243.34	
16	Lauderdale 6E												
17	Light Oil		0				0	0	0	0	0	0.00	0.00
18	Gas		996				10,590	10,294	1,024,700	10,548	2,847,191	285.86	5.32
19	Plant Unit Info	216.0	996	0.6%	93.7%	0.7%	10,590			10,548	2,847,191	285.86	
20	Loggerhead PV Solar												
21	Solar		15,030					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	15,030	28.0%	N/A	28.0%	N/A						
23	Magnolia Springs PV Solar												
24	Solar		15,990					N/A	N/A	N/A	N/A	N/A	N/A
25	Plant Unit Info	74.5	15,990	29.8%	N/A	29.8%	N/A						
26	Manatee 1												
27	Plant Unit Info	0	0	N/A	100.0%	N/A	N/A						
28	Manatee 2												
29	Plant Unit Info	0	0	N/A	100.0%	N/A	N/A						
30	Manatee 3												
31	Gas		697,197				6,775	4,609,356	1,024,700	4,723,207	27,137,572	3.89	5.28
32	Plant Unit Info	1,231.5	697,197	79.2%	93.9%	85.6%	6,775			4,723,207	27,137,572	3.89	
33	Manatee PV Solar												
34	Solar		15,780					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	15,780	29.4%	N/A	29.4%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Martin 3												
2	Gas		203,968				7,357	1,464,510	1,024,700	1,500,683	10,531,777	5.16	5.28
3	Plant Unit Info	459.0	203,968	61.7%	93.9%	66.4%	7,357			1,500,683	10,531,777	5.16	
4	Martin 4												
5	Gas		186,240				7,401	1,345,086	1,024,700	1,378,310	9,898,711	5.32	5.28
6	Plant Unit Info	459.0	186,240	56.4%	93.9%	60.6%	7,401			1,378,310	9,898,711	5.32	
7	Martin 8												
8	Gas		444,699				6,852	2,973,528	1,024,700	3,046,974	18,521,084	4.16	5.29
9	Plant Unit Info	1,221.0	444,699	48.2%	49.3%	100.0%	6,852			3,046,974	18,521,084	4.16	
10	Martin 8 Solar												
11	Solar		14,310					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	75.0	14,310	36.1%	96.4%	37.5%	N/A						
13	Miami-Dade PV Solar												
14	Solar		14,880					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	14,880	27.7%	N/A	27.7%	N/A						
16	Nassau PV Solar												
17	Solar		15,210					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	15,210	28.4%	N/A	28.4%	N/A						
19	Northern Preserve PV Solar												
20	Solar		12,930					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	12,930	24.1%	N/A	24.1%	N/A						
22	Okeechobee 1												
23	Gas		882,486				6,343	5,462,335	1,024,700	5,597,255	33,425,706	3.79	5.61
24	Plant Unit Info	1,570.0	882,486	78.1%	93.0%	86.0%	6,343			5,597,255	33,425,706	3.79	
25	Okeechobee PV Solar												
26	Solar		14,910					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	14,910	27.8%	N/A	27.8%	N/A						
28	Orange Blossom PV Solar												
29	Solar		14,790					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	14,790	27.6%	N/A	27.6%	N/A						
31	Palm Bay PV Solar												
32	Solar		15,030					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	15,030	28.0%	N/A	28.0%	N/A						
34	Pea Ridge												
35	Gas		0					0	0	0	0	0.00	0.00

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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	12.0	0	N/A	N/A	N/A	N/A						
2	Pelican PV Solar												
3	Solar		14,820					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	14,820	27.6%	N/A	27.6%	N/A						
5	Perdido												
6	Gas		1,836				10,500	18,813	1,024,700	19,278	2,864,515	156.02	3.83
7	Plant Unit Info	3.0	1,836	N/A	N/A	N/A	10,500			19,278	2,864,515	156.02	
8	Pink Trail PV Solar												
9	Solar		14,030					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	14,030	26.2%	N/A	26.2%	N/A						
11	Pioneer Trail PV Solar												
12	Solar		14,970					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	14,970	27.9%	N/A	27.9%	N/A						
14	Port Everglades 5												
15	Light Oil		0				0	0	0	0	0	0.00	0.00
16	Gas		451,614				6,519	2,873,108	1,024,700	2,944,074	18,074,721	4.00	5.32
17	Plant Unit Info	1,179.0	451,614	50.0%	59.6%	86.2%	6,519			2,944,074	18,074,721	4.00	
18	Riviera 5												
19	Gas		554,687				6,686	3,619,006	1,024,700	3,708,395	23,034,182	4.15	5.59
20	Plant Unit Info	1,263.0	554,687	58.9%	93.4%	63.8%	6,686			3,708,395	23,034,182	4.15	
21	Rodeo PV Solar												
22	Solar		16,380					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	16,380	30.5%	N/A	30.5%	N/A						
24	Sabal Palm PV Solar												
25	Solar		14,910					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	14,910	27.8%	N/A	27.8%	N/A						
27	Sanford 4												
28	Gas		203,205				7,416	1,470,687	1,024,700	1,507,013	10,882,636	5.36	5.50
29	Plant Unit Info	1,139.0	203,205	24.9%	83.3%	30.4%	7,416			1,507,013	10,882,636	5.36	
30	Sanford 5												
31	Gas		392,845				7,061	2,706,984	1,024,700	2,773,846	17,589,027	4.48	5.47
32	Plant Unit Info	1,139.0	392,845	48.1%	85.8%	57.1%	7,061			2,773,846	17,589,027	4.48	
33	Saw Palmetto PV Solar												
34	Solar		0					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	0	N/A	N/A	N/A	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Sawgrass PV Solar												
2	Solar		14,280					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	14,280	26.6%	N/A	26.6%	N/A						
4	Scherer 3												
5	Coal		25,547				11,568	17,384	16,999,998	295,521	1,014,101	3.97	58.34
6	Plant Unit Info	215.0	25,547	16.5%	93.7%	17.7%	11,568			295,521	1,014,101	3.97	
7	Shirer Branch PV Solar												
8	Solar		17,401					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	17,401	32.4%	N/A	32.4%	N/A						
10	Smith 3												
11	Gas		194,785				7,127	1,354,826	1,024,700	1,388,290	10,893,663	5.59	5.98
12	Plant Unit Info	644.0	194,785	42.0%	93.9%	45.4%	7,127			1,388,290	10,893,663	5.59	
13	Smith A												
14	Light Oil		0				0	0	0	0	0	0.00	0.00
15	Plant Unit Info	32.0	0	N/A	100.0%	N/A	N/A						
16	Southfork PV Solar												
17	Solar		18,930					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	18,930	35.3%	N/A	35.3%	N/A						
19	Space Coast PV Solar												
20	Solar		1,650					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	10.0	1,650	22.9%	N/A	22.9%	N/A						
22	St. Lucie 1												
23	Nuclear		688,634				10,560	7,271,906	1,000,000	7,271,906	3,313,080	0.48	0.46
24	Plant Unit Info	981.0	688,634	97.5%	97.5%	100.0%	10,560			7,271,906	3,313,080	0.48	
25	St. Lucie 2												
26	Nuclear		589,673				10,496	6,189,033	1,000,000	6,189,033	2,691,611	0.46	0.43
27	Plant Unit Info	840.0	589,673	97.5%	97.5%	100.0%	10,496			6,189,033	2,691,611	0.46	
28	Sundew PV Solar												
29	Solar		14,310					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	14,310	26.7%	N/A	26.7%	N/A						
31	Sunshine Gateway PV Solar												
32	Solar		14,700					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	14,700	27.4%	N/A	27.4%	N/A						
34	Sweetbay PV Solar												
35	Solar		13,680					N/A	N/A	N/A	N/A	N/A	N/A

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	74.5	13,680	25.5%	N/A	25.5%	N/A						
2	Trailside PV Solar												
3	Solar		16,320					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	16,320	30.4%	N/A	30.4%	N/A						
5	Turkey Point 3												
6	Nuclear		137,101				10,818	1,483,209	1,000,000	1,483,209	733,892	0.54	0.49
7	Plant Unit Info	837.0	137,101	20.8%	20.8%	100.0%	10,818			1,483,209	733,892	0.54	
8	Turkey Point 4												
9	Nuclear		592,488				10,729	6,356,626	1,000,000	6,356,626	3,184,670	0.54	0.50
10	Plant Unit Info	844.0	592,488	97.5%	97.5%	100.0%	10,729			6,356,626	3,184,670	0.54	
11	Turkey Point 5												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		317,756				7,292	2,261,229	1,024,700	2,317,081	14,820,086	4.66	5.32
14	Plant Unit Info	1,260.0	317,756	35.1%	93.9%	37.9%	7,292			2,317,081	14,820,086	4.66	
15	Twin Lakes PV Solar												
16	Solar		16,560					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	16,560	30.9%	N/A	30.9%	N/A						
18	Union Springs PV Solar												
19	Solar		15,870					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	15,870	29.6%	N/A	29.6%	N/A						
21	West County 1												
22	Gas		536,503				6,668	3,490,910	1,024,700	3,577,135	21,227,328	3.96	5.28
23	Plant Unit Info	1,223.0	536,503	60.9%	69.3%	90.5%	6,668			3,577,135	21,227,328	3.96	
24	West County 2												
25	Gas		750,400				6,589	4,825,321	1,024,700	4,944,506	28,285,892	3.77	5.28
26	Plant Unit Info	1,223.0	750,400	85.2%	90.4%	96.6%	6,589			4,944,506	28,285,892	3.77	
27	West County 3												
28	Gas		75,167				6,753	495,391	1,024,700	507,627	5,401,945	7.19	5.27
29	Plant Unit Info	1,228.0	75,167	0.6%	3.7%	100.0%	6,753			507,627	5,401,945	7.19	
30	Wild Azalea PV Solar												
31	Solar		17,368					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	17,368	32.4%	N/A	32.4%	N/A						
33	Wildflower PV Solar												
34	Solar		15,120					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	15,120	28.2%	N/A	28.2%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Willow PV Solar												
2	Solar		16,230					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	16,230	30.3%	N/A	30.3%	N/A						
4	_System Totals												
5	Plant Unit Info	32,227	10,336,590				6,935			71,686,469	362,264,231	3.50	N/A
6													
7													
8													
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10													
11													
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FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	May - 2023												
2	Anhinga PV Solar												
3	Solar		15,459					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	15,459	27.9%	N/A	27.9%	N/A						
5	Apalachee PV Solar												
6	Solar		18,123					N/A	N/A	N/A	N/A	N/A	N/A
7	Plant Unit Info	74.5	18,123	32.7%	N/A	32.7%	N/A						
8	Babcock Preserve PV Solar												
9	Solar		16,430					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	16,430	29.6%	N/A	29.6%	N/A						
11	Babcock Ranch PV Solar												
12	Solar		15,531					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	15,531	28.0%	N/A	28.0%	N/A						
14	Barefoot Bay PV Solar												
15	Solar		16,244					N/A	N/A	N/A	N/A	N/A	N/A
16	Plant Unit Info	74.5	16,244	29.3%	N/A	29.3%	N/A						
17	Blackwater River PV Solar												
18	Solar		14,789					N/A	N/A	N/A	N/A	N/A	N/A
19	Plant Unit Info	74.5	14,789	26.7%	N/A	26.7%	N/A						
20	Blue Cypress PV Solar												
21	Solar		15,624					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	15,624	28.2%	N/A	28.2%	N/A						
23	Blue Heron PV Solar												
24	Solar		15,903					N/A	N/A	N/A	N/A	N/A	N/A
25	Plant Unit Info	74.5	15,903	28.7%	N/A	28.7%	N/A						
26	Blue Indigo PV Solar												
27	Solar		19,623					N/A	N/A	N/A	N/A	N/A	N/A
28	Plant Unit Info	74.5	19,623	35.4%	N/A	35.4%	N/A						
29	Blue Springs PV Solar												
30	Solar		17,391					N/A	N/A	N/A	N/A	N/A	N/A
31	Plant Unit Info	74.5	17,391	31.4%	N/A	31.4%	N/A						
32	Bluefield Preserve PV Solar												
33	Solar		14,168					N/A	N/A	N/A	N/A	N/A	N/A
34	Plant Unit Info	74.5	14,168	25.6%	N/A	25.6%	N/A						
35	Cape Canaveral 3												

FLORIDA POWER & LIGHT COMPANY
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		451,046				6,762	2,976,404	1,024,700	3,049,921	18,790,979	4.17	5.34
2	Plant Unit Info	1,308.0	451,046	46.4%	93.4%	50.2%	6,762			3,049,921	18,790,979	4.17	
3	Cattle Ranch PV Solar												
4	Solar		16,926					N/A	N/A	N/A	N/A	N/A	N/A
5	Plant Unit Info	74.5	16,926	30.5%	N/A	30.5%	N/A						
6	Cavendish PV Solar												
7	Solar		17,397					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	17,397	31.4%	N/A	31.4%	N/A						
9	Chautauqua PV Solar												
10	Solar		19,253					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	19,253	34.7%	N/A	34.7%	N/A						
12	Chipola River PV Solar												
13	Solar		17,841					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	17,841	32.2%	N/A	32.2%	N/A						
15	Citrus PV Solar												
16	Solar		15,624					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	15,624	28.2%	N/A	28.2%	N/A						
18	Coral Farms PV Solar												
19	Solar		16,213					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	16,213	29.3%	N/A	29.3%	N/A						
21	Cotton Creek PV Solar												
22	Solar		15,159					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	15,159	27.4%	N/A	27.4%	N/A						
24	Cypress Pond PV Solar												
25	Solar		620					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	620	1.1%	N/A	34.7%	N/A						
27	Dania Beach 7												
28	Gas		128,921				6,784	853,516	1,024,700	874,598	7,322,740	5.68	5.18
29	Plant Unit Info	1,101.0	128,921	12.7%	14.6%	100.0%	6,784			874,598	7,322,740	5.68	
30	Daniel 1												
31	Coal											N/A	0.00
32	Plant Unit Info	251.0	0	N/A	93.6%	N/A	N/A						
33	Daniel 2												
34	Coal											N/A	0.00
35	Plant Unit Info	251.0	0	N/A	93.6%	N/A	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Desoto PV Solar												
2	Solar		4,898					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	25.0	4,898	26.3%	N/A	26.3%	N/A						
4	Discovery PV Solar												
5	Solar		14,105					N/A	N/A	N/A	N/A	N/A	N/A
6	Plant Unit Info	74.5	14,105	25.5%	N/A	25.5%	N/A						
7	Echo River PV Solar												
8	Solar		19,623					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	19,623	35.4%	N/A	35.4%	N/A						
10	Egret PV Solar												
11	Solar		17,236					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	74.5	17,236	31.1%	N/A	31.1%	N/A						
13	Elder Branch PV Solar												
14	Solar		18,383					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	18,383	33.2%	N/A	33.2%	N/A						
16	Etonia Creek PV Solar												
17	Solar		606					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	606	1.1%	N/A	33.8%	N/A						
19	Everglades PV Solar												
20	Solar		14,339					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	14,339	25.9%	N/A	25.9%	N/A						
22	First City PV Solar												
23	Solar		14,426					N/A	N/A	N/A	N/A	N/A	N/A
24	Plant Unit Info	74.5	14,426	26.0%	N/A	26.0%	N/A						
25	Flowers Creek PV Solar												
26	Solar		16,344					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	16,344	29.5%	N/A	29.5%	N/A						
28	Fort Drum PV Solar												
29	Solar		14,725					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	14,725	26.6%	N/A	26.6%	N/A						
31	Fort Myers 2												
32	Gas		711,548				7,095	4,926,531	1,024,700	5,048,216	29,159,241	4.10	5.33
33	Plant Unit Info	1,702.0	711,548	56.3%	90.0%	63.2%	7,095			5,048,216	29,159,241	4.10	
34	Fort Myers 3A												
35	Light Oil		0				0	0	0	0	0	0.00	0.00

FLORIDA POWER & LIGHT COMPANY
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		0					0	0	0	0	0.00	0.00
2	Plant Unit Info	166.0	0	N/A	93.7%	N/A	N/A						
3	Fort Myers 3B												
4	Light Oil		0				0	0	0	0	0	0.00	0.00
5	Gas		760				11,407	8,460	1,024,700	8,669	2,948,186	387.92	5.61
6	Plant Unit Info	166.0	760	0.6%	93.7%	0.7%	11,407			8,669	2,948,186	387.92	
7	Fort Myers 3C												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Gas		2,417				10,499	24,764	1,024,700	25,376	3,037,757	125.68	5.53
10	Plant Unit Info	219.0	2,417	1.5%	93.7%	1.6%	10,499			25,376	3,037,757	125.68	
11	Fort Myers 3D												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		2,417				10,499	24,764	1,024,700	25,376	3,039,399	125.75	5.60
14	Plant Unit Info	219.0	2,417	1.5%	93.7%	1.6%	10,499			25,376	3,039,399	125.75	
15	Fort Myers GT												
16	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
17	GCEC 4												
18	Gas		0					0	0	0	0	0.00	0.00
19	Plant Unit Info	75.0	0	N/A	38.9%	N/A	N/A						
20	GCEC 5												
21	Gas		0					0	0	0	0	0.00	0.00
22	Plant Unit Info	75.0	0	N/A	38.9%	N/A	N/A						
23	GCEC 6												
24	Gas		0					0	0	0	0	0.00	0.00
25	Plant Unit Info	315.0	0	N/A	38.7%	N/A	N/A						
26	GCEC 7												
27	Gas		5,956				11,669	67,827	1,024,700	69,502	3,287,346	55.19	5.70
28	Plant Unit Info	496.0	5,956	1.6%	93.6%	1.7%	11,669			69,502	3,287,346	55.19	
29	GCEC 8A												
30	Gas		3,746				12,000	43,867	1,024,700	44,951	3,151,804	84.14	5.72
31	Plant Unit Info	233.0	3,746	2.2%	93.8%	2.2%	12,000			44,951	3,151,804	84.14	
32	GCEC 8B												
33	Gas		3,227				12,647	39,828	1,024,700	40,812	3,129,683	96.98	5.75
34	Plant Unit Info	233.0	3,227	1.9%	93.8%	1.9%	12,647			40,812	3,129,683	96.98	
35	GCEC 8C												

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		3,445				11,399	38,324	1,024,700	39,271	3,120,134	90.57	5.73
2	Plant Unit Info	228.0	3,445	2.0%	93.8%	2.0%	11,399			39,271	3,120,134	90.57	
3	GCEC 8D												
4	Gas		1,607				11,487	18,015	1,024,700	18,460	3,003,266	186.89	5.69
5	Plant Unit Info	228.0	1,607	1.0%	93.8%	0.9%	11,487			18,460	3,003,266	186.89	
6	Ghost Orchid PV Solar												
7	Solar		14,415					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	14,415	26.0%	N/A	26.0%	N/A						
9	Grove PV Solar												
10	Solar		14,508					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	14,508	26.2%	N/A	26.2%	N/A						
12	Hammock PV Solar												
13	Solar		15,531					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	15,531	28.0%	N/A	28.0%	N/A						
15	Hibiscus PV Solar												
16	Solar		15,717					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	15,717	28.4%	N/A	28.4%	N/A						
18	Horizon PV Solar												
19	Solar		16,306					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	16,306	29.4%	N/A	29.4%	N/A						
21	Immokalee PV Solar												
22	Solar		14,756					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	14,756	26.6%	N/A	26.6%	N/A						
24	Indian River PV Solar												
25	Solar		15,717					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	15,717	28.4%	N/A	28.4%	N/A						
27	Interstate PV Solar												
28	Solar		15,345					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	15,345	27.7%	N/A	27.7%	N/A						
30	Lakeside PV Solar												
31	Solar		15,283					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	15,283	27.6%	N/A	27.6%	N/A						
33	Lauderdale 1-12												
34	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
35	Lauderdale 6A												

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Light Oil		0				0	0	0	0	0	0.00	0.00
2	Gas		996				10,590	10,294	1,024,700	10,548	2,954,058	296.59	5.18
3	Plant Unit Info	216.0	996	0.6%	93.7%	0.7%	10,590			10,548	2,954,058	296.59	
4	Lauderdale 6B												
5	Light Oil		0				0	0	0	0	0	0.00	0.00
6	Gas		1,992				10,591	20,588	1,024,700	21,097	3,007,392	150.97	5.18
7	Plant Unit Info	216.0	1,992	1.2%	93.7%	1.3%	10,591			21,097	3,007,392	150.97	
8	Lauderdale 6C												
9	Light Oil		0				0	0	0	0	0	0.00	0.00
10	Gas		996				10,590	10,294	1,024,700	10,548	2,954,058	296.59	5.18
11	Plant Unit Info	216.0	996	0.6%	93.7%	0.7%	10,590			10,548	2,954,058	296.59	
12	Lauderdale 6D												
13	Light Oil		0				0	0	0	0	0	0.00	0.00
14	Gas		996				10,590	10,294	1,024,700	10,548	2,954,058	296.59	5.18
15	Plant Unit Info	216.0	996	0.6%	93.7%	0.7%	10,590			10,548	2,954,058	296.59	
16	Lauderdale 6E												
17	Light Oil		0				0	0	0	0	0	0.00	0.00
18	Gas		996				10,590	10,294	1,024,700	10,548	2,954,058	296.59	5.18
19	Plant Unit Info	216.0	996	0.6%	93.7%	0.7%	10,590			10,548	2,954,058	296.59	
20	Loggerhead PV Solar												
21	Solar		15,407					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	15,407	27.8%	N/A	27.8%	N/A						
23	Magnolia Springs PV Solar												
24	Solar		17,298					N/A	N/A	N/A	N/A	N/A	N/A
25	Plant Unit Info	74.5	17,298	31.2%	N/A	31.2%	N/A						
26	Manatee 1												
27	Plant Unit Info	0	0	N/A	100.0%	N/A	N/A						
28	Manatee 2												
29	Plant Unit Info	0	0	N/A	100.0%	N/A	N/A						
30	Manatee 3												
31	Gas		653,302				6,819	4,347,493	1,024,700	4,454,876	25,258,221	3.87	5.14
32	Plant Unit Info	1,231.5	653,302	71.8%	93.9%	77.6%	6,819			4,454,876	25,258,221	3.87	
33	Manatee PV Solar												
34	Solar		15,996					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	15,996	28.9%	N/A	28.9%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Martin 3												
2	Gas		178,613				7,377	1,285,787	1,024,700	1,317,546	9,637,536	5.40	5.24
3	Plant Unit Info	459.0	178,613	52.3%	93.9%	56.3%	7,377			1,317,546	9,637,536	5.40	
4	Martin 4												
5	Gas		182,887				7,386	1,318,212	1,024,700	1,350,772	9,827,399	5.37	5.25
6	Plant Unit Info	459.0	182,887	53.6%	93.9%	57.6%	7,386			1,350,772	9,827,399	5.37	
7	Martin 8												
8	Gas		610,608				6,905	4,114,369	1,024,700	4,215,994	24,350,717	3.99	5.21
9	Plant Unit Info	1,227.0	610,608	67.4%	92.7%	73.6%	6,905			4,215,994	24,350,717	3.99	
10	Martin 8 Solar												
11	Solar		14,074					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	75.0	14,074	34.4%	96.4%	35.7%	N/A						
13	Miami-Dade PV Solar												
14	Solar		15,159					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	15,159	27.4%	N/A	27.4%	N/A						
16	Nassau PV Solar												
17	Solar		16,554					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	16,554	29.9%	N/A	29.9%	N/A						
19	Northern Preserve PV Solar												
20	Solar		13,764					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	13,764	24.8%	N/A	24.8%	N/A						
22	Okeechobee 1												
23	Gas		1,009,102				6,304	6,208,157	1,024,700	6,361,498	36,916,481	3.66	5.48
24	Plant Unit Info	1,570.0	1,009,102	86.4%	93.0%	95.2%	6,304			6,361,498	36,916,481	3.66	
25	Okeechobee PV Solar												
26	Solar		15,407					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	15,407	27.8%	N/A	27.8%	N/A						
28	Orange Blossom PV Solar												
29	Solar		15,376					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	15,376	27.7%	N/A	27.7%	N/A						
31	Palm Bay PV Solar												
32	Solar		15,562					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	15,562	28.1%	N/A	28.1%	N/A						
34	Pea Ridge												
35	Gas		0					0	0	0	0	0.00	0.00

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	12.0	0	N/A	N/A	N/A	N/A						
2	Pelican PV Solar												
3	Solar		15,407					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	15,407	27.8%	N/A	27.8%	N/A						
5	Perdido												
6	Gas		1,897				10,501	19,441	1,024,700	19,921	2,975,206	156.84	3.83
7	Plant Unit Info	3.0	1,897	N/A	N/A	N/A	10,501			19,921	2,975,206	156.84	
8	Pink Trail PV Solar												
9	Solar		14,282					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	14,282	25.8%	N/A	25.8%	N/A						
11	Pioneer Trail PV Solar												
12	Solar		15,655					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	15,655	28.2%	N/A	28.2%	N/A						
14	Port Everglades 5												
15	Light Oil		0				0	0	0	0	0	0.00	0.00
16	Gas		723,310				6,438	4,544,217	1,024,700	4,656,459	26,452,123	3.66	5.18
17	Plant Unit Info	1,179.0	723,310	77.5%	93.0%	84.9%	6,438			4,656,459	26,452,123	3.66	
18	Riviera 5												
19	Gas		596,955				6,675	3,888,608	1,024,700	3,984,657	24,196,330	4.05	5.48
20	Plant Unit Info	1,263.0	596,955	61.3%	93.4%	66.4%	6,675			3,984,657	24,196,330	4.05	
21	Rodeo PV Solar												
22	Solar		17,453					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	17,453	31.5%	N/A	31.5%	N/A						
24	Sabal Palm PV Solar												
25	Solar		15,252					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	15,252	27.5%	N/A	27.5%	N/A						
27	Sanford 4												
28	Gas		411,360				7,071	2,838,750	1,024,700	2,908,867	18,021,814	4.38	5.33
29	Plant Unit Info	1,139.0	411,360	48.7%	94.1%	52.6%	7,071			2,908,867	18,021,814	4.38	
30	Sanford 5												
31	Gas		408,469				7,043	2,807,552	1,024,700	2,876,899	17,854,920	4.37	5.33
32	Plant Unit Info	1,139.0	408,469	48.4%	94.1%	52.3%	7,043			2,876,899	17,854,920	4.37	
33	Saw Palmetto PV Solar												
34	Solar		629					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	629	1.1%	N/A	35.0%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Sawgrass PV Solar												
2	Solar		14,167					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	14,167	25.6%	N/A	25.6%	N/A						
4	Scherer 3												
5	Coal		12,169				11,851	8,483	16,999,998	144,212	496,657	4.08	58.55
6	Plant Unit Info	215.0	12,169	7.6%	93.7%	8.2%	11,851			144,212	496,657	4.08	
7	Shirer Branch PV Solar												
8	Solar		19,496					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	19,496	35.2%	N/A	35.2%	N/A						
10	Smith 3												
11	Gas		134,788				7,069	929,797	1,024,700	952,763	8,382,637	6.22	5.90
12	Plant Unit Info	644.0	134,788	28.1%	93.9%	30.4%	7,069			952,763	8,382,637	6.22	
13	Smith A												
14	Light Oil		0				0	0	0	0	0	0.00	0.00
15	Plant Unit Info	32.0	0	N/A	100.0%	N/A	N/A						
16	Southfork PV Solar												
17	Solar		20,336					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	20,336	36.7%	N/A	36.7%	N/A						
19	Space Coast PV Solar												
20	Solar		1,643					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	10.0	1,643	22.1%	N/A	22.1%	N/A						
22	St. Lucie 1												
23	Nuclear		711,588				10,560	7,514,303	1,000,000	7,514,303	3,452,071	0.49	0.46
24	Plant Unit Info	981.0	711,588	97.5%	97.5%	100.0%	10,560			7,514,303	3,452,071	0.49	
25	St. Lucie 2												
26	Nuclear		609,329				10,496	6,395,334	1,000,000	6,395,334	2,781,331	0.46	0.43
27	Plant Unit Info	840.0	609,329	97.5%	97.5%	100.0%	10,496			6,395,334	2,781,331	0.46	
28	Sundew PV Solar												
29	Solar		14,322					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	14,322	25.8%	N/A	25.8%	N/A						
31	Sunshine Gateway PV Solar												
32	Solar		15,531					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	15,531	28.0%	N/A	28.0%	N/A						
34	Sweetbay PV Solar												
35	Solar		14,012					N/A	N/A	N/A	N/A	N/A	N/A

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	74.5	14,012	25.3%	N/A	25.3%	N/A						
2	Trailside PV Solar												
3	Solar		17,515					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	17,515	31.6%	N/A	31.6%	N/A						
5	Turkey Point 3												
6	Nuclear		391,716				10,818	4,237,741	1,000,000	4,237,741	2,198,540	0.56	0.52
7	Plant Unit Info	837.0	391,716	62.0%	62.0%	100.0%	10,818			4,237,741	2,198,540	0.56	
8	Turkey Point 4												
9	Nuclear		612,238				10,729	6,568,514	1,000,000	6,568,514	3,290,825	0.54	0.50
10	Plant Unit Info	844.0	612,238	97.5%	97.5%	100.0%	10,729			6,568,514	3,290,825	0.54	
11	Turkey Point 5												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		357,536				7,079	2,470,018	1,024,700	2,531,027	15,697,737	4.39	5.18
14	Plant Unit Info	1,260.0	357,536	38.3%	65.7%	59.3%	7,079			2,531,027	15,697,737	4.39	
15	Twin Lakes PV Solar												
16	Solar		17,918					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	17,918	32.3%	N/A	32.3%	N/A						
18	Union Springs PV Solar												
19	Solar		17,391					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	17,391	31.4%	N/A	31.4%	N/A						
21	West County 1												
22	Gas		605,198				6,723	3,970,629	1,024,700	4,068,704	23,318,039	3.85	5.14
23	Plant Unit Info	1,223.0	605,198	66.5%	93.7%	72.5%	6,723			4,068,704	23,318,039	3.85	
24	West County 2												
25	Gas		436,794				6,759	2,881,066	1,024,700	2,952,228	17,717,612	4.06	5.14
26	Plant Unit Info	1,223.0	436,794	48.0%	60.4%	82.4%	6,759			2,952,228	17,717,612	4.06	
27	West County 3												
28	Gas		732,883				6,638	4,747,643	1,024,700	4,864,910	27,318,753	3.73	5.14
29	Plant Unit Info	1,228.0	732,883	80.2%	93.7%	88.5%	6,638			4,864,910	27,318,753	3.73	
30	Wild Azalea PV Solar												
31	Solar		19,357					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	19,357	34.9%	N/A	34.9%	N/A						
33	Wildflower PV Solar												
34	Solar		15,686					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	15,686	28.3%	N/A	28.3%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Willow PV Solar												
2	Solar		17,391					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	17,391	31.4%	N/A	31.4%	N/A						
4	_System Totals												
5	Plant Unit Info	32,233	11,710,429				6,975			81,685,667	394,959,112	3.37	N/A
6													
7													
8													
9													
10													
11													
12													
13													
14													
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FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Jun - 2023												
2	Anhinga PV Solar												
3	Solar		13,428					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	13,428	25.0%	N/A	25.0%	N/A						
5	Apalachee PV Solar												
6	Solar		16,122					N/A	N/A	N/A	N/A	N/A	N/A
7	Plant Unit Info	74.5	16,122	30.1%	N/A	30.1%	N/A						
8	Babcock Preserve PV Solar												
9	Solar		14,100					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	14,100	26.3%	N/A	26.3%	N/A						
11	Babcock Ranch PV Solar												
12	Solar		13,080					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	13,080	24.4%	N/A	24.4%	N/A						
14	Barefoot Bay PV Solar												
15	Solar		14,520					N/A	N/A	N/A	N/A	N/A	N/A
16	Plant Unit Info	74.5	14,520	27.1%	N/A	27.1%	N/A						
17	Blackwater River PV Solar												
18	Solar		13,243					N/A	N/A	N/A	N/A	N/A	N/A
19	Plant Unit Info	74.5	13,243	24.7%	N/A	24.7%	N/A						
20	Blue Cypress PV Solar												
21	Solar		14,010					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	14,010	26.1%	N/A	26.1%	N/A						
23	Blue Heron PV Solar												
24	Solar		13,740					N/A	N/A	N/A	N/A	N/A	N/A
25	Plant Unit Info	74.5	13,740	25.6%	N/A	25.6%	N/A						
26	Blue Indigo PV Solar												
27	Solar		17,460					N/A	N/A	N/A	N/A	N/A	N/A
28	Plant Unit Info	74.5	17,460	32.6%	N/A	32.6%	N/A						
29	Blue Springs PV Solar												
30	Solar		15,300					N/A	N/A	N/A	N/A	N/A	N/A
31	Plant Unit Info	74.5	15,300	28.5%	N/A	28.5%	N/A						
32	Bluefield Preserve PV Solar												
33	Solar		12,085					N/A	N/A	N/A	N/A	N/A	N/A
34	Plant Unit Info	74.5	12,085	22.5%	N/A	22.5%	N/A						
35	Cape Canaveral 3												

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		465,823				6,726	3,057,747	1,024,700	3,133,273	19,667,689	4.22	5.60
2	Plant Unit Info	1,308.0	465,823	49.5%	93.4%	53.6%	6,726			3,133,273	19,667,689	4.22	
3	Cattle Ranch PV Solar												
4	Solar		14,220					N/A	N/A	N/A	N/A	N/A	N/A
5	Plant Unit Info	74.5	14,220	26.5%	N/A	26.5%	N/A						
6	Cavendish PV Solar												
7	Solar		15,030					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	15,030	28.0%	N/A	28.0%	N/A						
9	Chautauqua PV Solar												
10	Solar		17,690					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	17,690	33.0%	N/A	33.0%	N/A						
12	Chipola River PV Solar												
13	Solar		15,807					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	15,807	29.5%	N/A	29.5%	N/A						
15	Citrus PV Solar												
16	Solar		13,320					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	13,320	24.8%	N/A	24.8%	N/A						
18	Coral Farms PV Solar												
19	Solar		14,070					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	14,070	26.2%	N/A	26.2%	N/A						
21	Cotton Creek PV Solar												
22	Solar		13,860					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	13,860	25.8%	N/A	25.8%	N/A						
24	Cypress Pond PV Solar												
25	Solar		17,190					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	17,190	32.1%	N/A	32.1%	N/A						
27	Dania Beach 7												
28	Gas		560,122				6,447	3,524,294	1,024,700	3,611,344	20,972,369	3.74	5.23
29	Plant Unit Info	1,101.0	560,122	70.7%	93.6%	77.0%	6,447			3,611,344	20,972,369	3.74	
30	Daniel 1												
31	Coal											N/A	0.00
32	Plant Unit Info	251.0	0	N/A	93.6%	N/A	N/A						
33	Daniel 2												
34	Coal											N/A	0.00
35	Plant Unit Info	251.0	0	N/A	93.6%	N/A	N/A						

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Desoto PV Solar												
2	Solar		4,230					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	25.0	4,230	23.5%	N/A	23.5%	N/A						
4	Discovery PV Solar												
5	Solar		12,240					N/A	N/A	N/A	N/A	N/A	N/A
6	Plant Unit Info	74.5	12,240	22.8%	N/A	22.8%	N/A						
7	Echo River PV Solar												
8	Solar		17,520					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	17,520	32.7%	N/A	32.7%	N/A						
10	Egret PV Solar												
11	Solar		14,970					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	74.5	14,970	27.9%	N/A	27.9%	N/A						
13	Elder Branch PV Solar												
14	Solar		15,570					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	15,570	29.0%	N/A	29.0%	N/A						
16	Etonia Creek PV Solar												
17	Solar		16,609					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	16,609	31.0%	N/A	31.0%	N/A						
19	Everglades PV Solar												
20	Solar		12,239					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	12,239	22.8%	N/A	22.8%	N/A						
22	First City PV Solar												
23	Solar		13,124					N/A	N/A	N/A	N/A	N/A	N/A
24	Plant Unit Info	74.5	13,124	24.5%	N/A	24.5%	N/A						
25	Flowers Creek PV Solar												
26	Solar		14,544					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	14,544	27.1%	N/A	27.1%	N/A						
28	Fort Drum PV Solar												
29	Solar		12,690					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	12,690	23.7%	N/A	23.7%	N/A						
31	Fort Myers 2												
32	Gas		760,535				7,060	5,239,899	1,024,700	5,369,324	31,886,582	4.19	5.60
33	Plant Unit Info	1,702.0	760,535	62.1%	93.8%	67.0%	7,060			5,369,324	31,886,582	4.19	
34	Fort Myers 3A												
35	Light Oil		198				11,446	388	5,830,047	2,262	40,414	20.45	104.16

FLORIDA POWER & LIGHT COMPANY
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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		2,841				11,446	31,738	1,024,700	32,522	2,732,676	96.17	5.66
2	Plant Unit Info	166.0	3,039	2.5%	93.7%	2.8%	11,446			34,784	2,773,090	91.25	
3	Fort Myers 3B												
4	Light Oil		0				0	0	0	0	0	0.00	0.00
5	Gas		1,520				11,407	16,920	1,024,700	17,338	2,650,800	174.39	5.78
6	Plant Unit Info	166.0	1,520	1.3%	93.7%	1.4%	11,407			17,338	2,650,800	174.39	
7	Fort Myers 3C												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Gas		13,120				10,758	137,746	1,024,700	141,148	3,333,835	25.41	5.67
10	Plant Unit Info	219.0	13,120	8.3%	93.7%	9.1%	10,758			141,148	3,333,835	25.41	
11	Fort Myers 3D												
12	Light Oil		352				10,855	656	5,829,966	3,823	68,304	19.39	104.16
13	Gas		12,128				10,855	128,478	1,024,700	131,651	3,279,661	27.04	5.66
14	Plant Unit Info	219.0	12,480	7.9%	93.7%	8.6%	10,855			135,474	3,347,965	26.83	
15	Fort Myers GT												
16	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
17	GCEC 4												
18	Gas		0					0	0	0	0	0.00	0.00
19	Plant Unit Info	75.0	0	N/A	93.8%	N/A	N/A						
20	GCEC 5												
21	Gas		3,448				12,958	43,601	1,024,700	44,678	2,758,984	80.02	4.72
22	Plant Unit Info	75.0	3,448	6.4%	93.8%	6.8%	12,958			44,678	2,758,984	80.02	
23	GCEC 6												
24	Gas		12,687				11,993	148,482	1,024,700	152,150	3,405,738	26.84	5.74
25	Plant Unit Info	315.0	12,687	5.6%	93.6%	6.0%	11,993			152,150	3,405,738	26.84	
26	GCEC 7												
27	Gas		30,577				11,353	338,765	1,024,700	347,132	4,507,136	14.74	5.77
28	Plant Unit Info	496.0	30,577	8.6%	93.6%	9.2%	11,353			347,132	4,507,136	14.74	
29	GCEC 8A												
30	Gas		19,814				11,680	225,840	1,024,700	231,418	3,851,795	19.44	5.75
31	Plant Unit Info	233.0	19,814	11.8%	93.8%	11.7%	11,680			231,418	3,851,795	19.44	
32	GCEC 8B												
33	Gas		18,181				11,857	210,374	1,024,700	215,570	3,761,731	20.69	5.75
34	Plant Unit Info	233.0	18,181	10.8%	93.8%	10.8%	11,857			215,570	3,761,731	20.69	
35	GCEC 8C												

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		16,825				11,476	188,436	1,024,700	193,090	3,637,615	21.62	5.76
2	Plant Unit Info	228.0	16,825	10.3%	93.8%	10.0%	11,476			193,090	3,637,615	21.62	
3	GCEC 8D												
4	Gas		14,317				11,413	159,464	1,024,700	163,403	3,469,369	24.23	5.75
5	Plant Unit Info	228.0	14,317	8.7%	93.8%	8.5%	11,413			163,403	3,469,369	24.23	
6	Ghost Orchid PV Solar												
7	Solar		12,180					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	12,180	22.7%	N/A	22.7%	N/A						
9	Grove PV Solar												
10	Solar		12,510					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	12,510	23.3%	N/A	23.3%	N/A						
12	Hammock PV Solar												
13	Solar		13,530					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	13,530	25.2%	N/A	25.2%	N/A						
15	Hibiscus PV Solar												
16	Solar		14,010					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	14,010	26.1%	N/A	26.1%	N/A						
18	Horizon PV Solar												
19	Solar		14,100					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	14,100	26.3%	N/A	26.3%	N/A						
21	Immokalee PV Solar												
22	Solar		12,600					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	12,600	23.5%	N/A	23.5%	N/A						
24	Indian River PV Solar												
25	Solar		14,010					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	14,010	26.1%	N/A	26.1%	N/A						
27	Interstate PV Solar												
28	Solar		13,260					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	13,260	24.7%	N/A	24.7%	N/A						
30	Lakeside PV Solar												
31	Solar		13,260					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	13,260	24.7%	N/A	24.7%	N/A						
33	Lauderdale 1-12												
34	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
35	Lauderdale 6A												

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Light Oil		0				0	0	0	0	0	0.00	0.00
2	Gas		8,004				10,890	85,062	1,024,700	87,163	2,997,671	37.45	5.23
3	Plant Unit Info	216.0	8,004	5.2%	93.7%	5.6%	10,890			87,163	2,997,671	37.45	
4	Lauderdale 6B												
5	Light Oil		92				11,347	178	5,829,873	1,039	18,145	19.82	101.81
6	Gas		7,877				11,347	87,231	1,024,700	89,386	3,009,011	38.20	5.23
7	Plant Unit Info	216.0	7,969	5.1%	93.7%	5.6%	11,347			90,425	3,027,156	37.99	
8	Lauderdale 6C												
9	Light Oil		132				11,394	258	5,829,978	1,506	26,301	19.90	101.82
10	Gas		5,657				11,394	62,897	1,024,700	64,451	2,881,818	50.94	5.23
11	Plant Unit Info	216.0	5,789	3.7%	93.7%	4.0%	11,394			65,957	2,908,119	50.24	
12	Lauderdale 6D												
13	Light Oil		188				11,024	356	5,830,037	2,078	36,291	19.25	101.82
14	Gas		4,951				11,025	53,262	1,024,700	54,578	2,831,459	57.20	5.23
15	Plant Unit Info	216.0	5,139	3.3%	93.7%	3.6%	11,025			56,656	2,867,749	55.80	
16	Lauderdale 6E												
17	Light Oil		113				10,611	207	5,829,944	1,204	21,027	18.53	101.82
18	Gas		5,664				10,611	58,645	1,024,700	60,094	2,859,597	50.49	5.23
19	Plant Unit Info	216.0	5,777	3.7%	93.7%	4.0%	10,611			61,298	2,880,624	49.86	
20	Loggerhead PV Solar												
21	Solar		13,500					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	13,500	25.2%	N/A	25.2%	N/A						
23	Magnolia Springs PV Solar												
24	Solar		14,910					N/A	N/A	N/A	N/A	N/A	N/A
25	Plant Unit Info	74.5	14,910	27.8%	N/A	27.8%	N/A						
26	Manatee 1												
27	Plant Unit Info	0	0	N/A	100.0%	N/A	N/A						
28	Manatee 2												
29	Plant Unit Info	0	0	N/A	100.0%	N/A	N/A						
30	Manatee 3												
31	Gas		651,441				6,796	4,320,555	1,024,700	4,427,273	24,978,959	3.83	5.19
32	Plant Unit Info	1,231.5	651,441	74.0%	93.9%	80.0%	6,796			4,427,273	24,978,959	3.83	
33	Manatee PV Solar												
34	Solar		13,770					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	13,770	25.7%	N/A	25.7%	N/A						

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Martin 3												
2	Gas		194,499				7,326	1,390,533	1,024,700	1,424,879	9,941,285	5.11	5.31
3	Plant Unit Info	459.0	194,499	58.9%	93.9%	63.3%	7,326			1,424,879	9,941,285	5.11	
4	Martin 4												
5	Gas		198,800				7,328	1,421,705	1,024,700	1,456,821	10,095,469	5.08	5.31
6	Plant Unit Info	459.0	198,800	60.2%	93.9%	64.7%	7,328			1,456,821	10,095,469	5.08	
7	Martin 8												
8	Gas		615,143				6,882	4,131,288	1,024,700	4,233,331	24,394,663	3.97	5.29
9	Plant Unit Info	1,227.0	615,143	70.1%	93.5%	75.9%	6,882			4,233,331	24,394,663	3.97	
10	Martin 8 Solar												
11	Solar		13,260					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	75.0	13,260	33.5%	96.4%	34.7%	N/A						
13	Miami-Dade PV Solar												
14	Solar		12,660					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	12,660	23.6%	N/A	23.6%	N/A						
16	Nassau PV Solar												
17	Solar		14,460					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	14,460	27.0%	N/A	27.0%	N/A						
19	Northern Preserve PV Solar												
20	Solar		11,760					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	11,760	21.9%	N/A	21.9%	N/A						
22	Okeechobee 1												
23	Gas		1,011,881				6,288	6,209,400	1,024,700	6,362,772	36,798,645	3.64	5.52
24	Plant Unit Info	1,570.0	1,011,881	89.5%	93.0%	98.6%	6,288			6,362,772	36,798,645	3.64	
25	Okeechobee PV Solar												
26	Solar		13,350					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	13,350	24.9%	N/A	24.9%	N/A						
28	Orange Blossom PV Solar												
29	Solar		13,500					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	13,500	25.2%	N/A	25.2%	N/A						
31	Palm Bay PV Solar												
32	Solar		13,680					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	13,680	25.5%	N/A	25.5%	N/A						
34	Pea Ridge												
35	Gas		0					0	0	0	0	0.00	0.00

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	12.0	0	N/A	N/A	N/A	N/A						
2	Pelican PV Solar												
3	Solar		13,500					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	13,500	25.2%	N/A	25.2%	N/A						
5	Perdido												
6	Gas		1,836				10,500	18,813	1,024,700	19,278	2,625,140	142.98	3.83
7	Plant Unit Info	3.0	1,836	N/A	N/A	N/A	10,500			19,278	2,625,140	142.98	
8	Pink Trail PV Solar												
9	Solar		12,507					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	12,507	23.3%	N/A	23.3%	N/A						
11	Pioneer Trail PV Solar												
12	Solar		13,320					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	13,320	24.8%	N/A	24.8%	N/A						
14	Port Everglades 5												
15	Light Oil		0				0	0	0	0	0	0.00	0.00
16	Gas		701,812				6,403	4,385,392	1,024,700	4,493,711	25,472,057	3.63	5.23
17	Plant Unit Info	1,179.0	701,812	77.7%	93.0%	85.1%	6,403			4,493,711	25,472,057	3.63	
18	Riviera 5												
19	Gas		604,119				6,659	3,925,779	1,024,700	4,022,746	24,201,899	4.01	5.51
20	Plant Unit Info	1,263.0	604,119	64.2%	93.4%	69.5%	6,659			4,022,746	24,201,899	4.01	
21	Rodeo PV Solar												
22	Solar		14,700					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	14,700	27.4%	N/A	27.4%	N/A						
24	Sabal Palm PV Solar												
25	Solar		13,290					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	13,290	24.8%	N/A	24.8%	N/A						
27	Sanford 4												
28	Gas		454,132				6,974	3,090,876	1,024,700	3,167,221	19,858,134	4.37	5.60
29	Plant Unit Info	1,139.0	454,132	55.6%	94.1%	60.0%	6,974			3,167,221	19,858,134	4.37	
30	Sanford 5												
31	Gas		454,877				6,966	3,092,089	1,024,700	3,168,464	19,867,508	4.37	5.60
32	Plant Unit Info	1,139.0	454,877	55.7%	94.1%	60.2%	6,966			3,168,464	19,867,508	4.37	
33	Saw Palmetto PV Solar												
34	Solar		17,225					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	17,225	32.1%	N/A	32.1%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Sawgrass PV Solar												
2	Solar		12,090					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	12,090	22.5%	N/A	22.5%	N/A						
4	Scherer 3												
5	Coal		57,071				11,285	37,884	17,000,001	644,035	2,223,381	3.90	58.69
6	Plant Unit Info	215.0	57,071	36.9%	93.7%	39.5%	11,285			644,035	2,223,381	3.90	
7	Shirer Branch PV Solar												
8	Solar		17,325					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	17,325	32.3%	N/A	32.3%	N/A						
10	Smith 3												
11	Gas		304,818				7,029	2,090,863	1,024,700	2,142,507	14,913,185	4.89	5.91
12	Plant Unit Info	644.0	304,818	65.7%	93.9%	71.0%	7,029			2,142,507	14,913,185	4.89	
13	Smith A												
14	Light Oil		0				0	0	0	0	0	0.00	0.00
15	Plant Unit Info	32.0	0	N/A	100.0%	N/A	N/A						
16	Southfork PV Solar												
17	Solar		16,830					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	16,830	31.4%	N/A	31.4%	N/A						
19	Space Coast PV Solar												
20	Solar		1,440					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	10.0	1,440	20.0%	N/A	20.0%	N/A						
22	St. Lucie 1												
23	Nuclear		688,634				10,560	7,271,906	1,000,000	7,271,906	3,340,713	0.49	0.46
24	Plant Unit Info	981.0	688,634	97.5%	97.5%	100.0%	10,560			7,271,906	3,340,713	0.49	
25	St. Lucie 2												
26	Nuclear		589,673				10,496	6,189,033	1,000,000	6,189,033	2,691,611	0.46	0.43
27	Plant Unit Info	840.0	589,673	97.5%	97.5%	100.0%	10,496			6,189,033	2,691,611	0.46	
28	Sundew PV Solar												
29	Solar		12,480					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	12,480	23.3%	N/A	23.3%	N/A						
31	Sunshine Gateway PV Solar												
32	Solar		13,320					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	13,320	24.8%	N/A	24.8%	N/A						
34	Sweetbay PV Solar												
35	Solar		12,270					N/A	N/A	N/A	N/A	N/A	N/A

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	74.5	12,270	22.9%	N/A	22.9%	N/A						
2	Trailside PV Solar												
3	Solar		15,150					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	15,150	28.2%	N/A	28.2%	N/A						
5	Turkey Point 3												
6	Nuclear		587,574				10,818	6,356,611	1,000,000	6,356,611	3,297,810	0.56	0.52
7	Plant Unit Info	837.0	587,574	97.5%	97.5%	100.0%	10,818			6,356,611	3,297,810	0.56	
8	Turkey Point 4												
9	Nuclear		592,488				10,729	6,356,626	1,000,000	6,356,626	3,184,670	0.54	0.50
10	Plant Unit Info	844.0	592,488	97.5%	97.5%	100.0%	10,729			6,356,626	3,184,670	0.54	
11	Turkey Point 5												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		481,534				6,917	3,250,501	1,024,700	3,330,788	19,541,629	4.06	5.23
14	Plant Unit Info	1,268.0	481,534	53.3%	79.8%	67.8%	6,917			3,330,788	19,541,629	4.06	
15	Twin Lakes PV Solar												
16	Solar		15,570					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	15,570	29.0%	N/A	29.0%	N/A						
18	Union Springs PV Solar												
19	Solar		14,970					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	14,970	27.9%	N/A	27.9%	N/A						
21	West County 1												
22	Gas		551,281				6,756	3,634,720	1,024,700	3,724,498	21,419,571	3.89	5.19
23	Plant Unit Info	1,223.0	551,281	62.6%	93.7%	68.2%	6,756			3,724,498	21,419,571	3.89	
24	West County 2												
25	Gas		548,514				6,674	3,572,624	1,024,700	3,660,868	21,097,047	3.85	5.19
26	Plant Unit Info	1,223.0	548,514	62.3%	73.7%	87.0%	6,674			3,660,868	21,097,047	3.85	
27	West County 3												
28	Gas		609,062				6,709	3,987,807	1,024,700	4,086,306	23,252,061	3.82	5.19
29	Plant Unit Info	1,228.0	609,062	68.9%	93.7%	76.0%	6,709			4,086,306	23,252,061	3.82	
30	Wild Azalea PV Solar												
31	Solar		17,442					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	17,442	32.5%	N/A	32.5%	N/A						
33	Wildflower PV Solar												
34	Solar		13,620					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	13,620	25.4%	N/A	25.4%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Willow PV Solar												
2	Solar		14,640					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	14,640	27.3%	N/A	27.3%	N/A						
4	_System Totals												
5	Plant Unit Info	32,241	12,792,365				7,089			90,691,299	437,901,446	3.42	N/A
6													
7													
8													
9													
10													
11													
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FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Jul - 2023												
2	Anhinga PV Solar												
3	Solar		14,123					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	14,123	25.5%	N/A	25.5%	N/A						
5	Apalachee PV Solar												
6	Solar		16,639					N/A	N/A	N/A	N/A	N/A	N/A
7	Plant Unit Info	74.5	16,639	30.0%	N/A	30.0%	N/A						
8	Babcock Preserve PV Solar												
9	Solar		14,477					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	14,477	26.1%	N/A	26.1%	N/A						
11	Babcock Ranch PV Solar												
12	Solar		13,454					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	13,454	24.3%	N/A	24.3%	N/A						
14	Barefoot Bay PV Solar												
15	Solar		14,973					N/A	N/A	N/A	N/A	N/A	N/A
16	Plant Unit Info	74.5	14,973	27.0%	N/A	27.0%	N/A						
17	Blackwater River PV Solar												
18	Solar		13,302					N/A	N/A	N/A	N/A	N/A	N/A
19	Plant Unit Info	74.5	13,302	24.0%	N/A	24.0%	N/A						
20	Blue Cypress PV Solar												
21	Solar		14,508					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	14,508	26.2%	N/A	26.2%	N/A						
23	Blue Heron PV Solar												
24	Solar		14,229					N/A	N/A	N/A	N/A	N/A	N/A
25	Plant Unit Info	74.5	14,229	25.7%	N/A	25.7%	N/A						
26	Blue Indigo PV Solar												
27	Solar		18,259					N/A	N/A	N/A	N/A	N/A	N/A
28	Plant Unit Info	74.5	18,259	32.9%	N/A	32.9%	N/A						
29	Blue Springs PV Solar												
30	Solar		15,686					N/A	N/A	N/A	N/A	N/A	N/A
31	Plant Unit Info	74.5	15,686	28.3%	N/A	28.3%	N/A						
32	Bluefield Preserve PV Solar												
33	Solar		12,688					N/A	N/A	N/A	N/A	N/A	N/A
34	Plant Unit Info	74.5	12,688	22.9%	N/A	22.9%	N/A						
35	Cape Canaveral 3												

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		517,306				6,715	3,390,077	1,024,700	3,473,812	21,854,576	4.22	5.69
2	Plant Unit Info	1,308.0	517,306	53.2%	93.4%	57.6%	6,715			3,473,812	21,854,576	4.22	
3	Cattle Ranch PV Solar												
4	Solar		14,756					N/A	N/A	N/A	N/A	N/A	N/A
5	Plant Unit Info	74.5	14,756	26.6%	N/A	26.6%	N/A						
6	Cavendish PV Solar												
7	Solar		15,965					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	15,965	28.8%	N/A	28.8%	N/A						
9	Chautauqua PV Solar												
10	Solar		17,821					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	17,821	32.2%	N/A	32.2%	N/A						
12	Chipola River PV Solar												
13	Solar		15,901					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	15,901	28.7%	N/A	28.7%	N/A						
15	Citrus PV Solar												
16	Solar		13,764					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	13,764	24.8%	N/A	24.8%	N/A						
18	Coral Farms PV Solar												
19	Solar		14,663					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	14,663	26.5%	N/A	26.5%	N/A						
21	Cotton Creek PV Solar												
22	Solar		13,857					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	13,857	25.0%	N/A	25.0%	N/A						
24	Cypress Pond PV Solar												
25	Solar		17,256					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	17,256	31.1%	N/A	31.1%	N/A						
27	Dania Beach 7												
28	Gas		572,228				6,467	3,611,297	1,024,700	3,700,496	21,635,540	3.78	5.28
29	Plant Unit Info	1,101.0	572,228	69.9%	93.6%	76.2%	6,467			3,700,496	21,635,540	3.78	
30	Daniel 1												
31	Coal											N/A	0.00
32	Plant Unit Info	251.0	0	N/A	93.6%	N/A	N/A						
33	Daniel 2												
34	Coal											N/A	0.00
35	Plant Unit Info	251.0	0	N/A	93.6%	N/A	N/A						

FLORIDA POWER & LIGHT COMPANY
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SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Desoto PV Solar												
2	Solar		4,433					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	25.0	4,433	23.8%	N/A	23.8%	N/A						
4	Discovery PV Solar												
5	Solar		12,989					N/A	N/A	N/A	N/A	N/A	N/A
6	Plant Unit Info	74.5	12,989	23.4%	N/A	23.4%	N/A						
7	Echo River PV Solar												
8	Solar		18,135					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	18,135	32.7%	N/A	32.7%	N/A						
10	Egret PV Solar												
11	Solar		15,624					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	74.5	15,624	28.2%	N/A	28.2%	N/A						
13	Elder Branch PV Solar												
14	Solar		15,531					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	15,531	28.0%	N/A	28.0%	N/A						
16	Etonia Creek PV Solar												
17	Solar		17,236					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	17,236	31.1%	N/A	31.1%	N/A						
19	Everglades PV Solar												
20	Solar		13,109					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	13,109	23.7%	N/A	23.7%	N/A						
22	First City PV Solar												
23	Solar		13,316					N/A	N/A	N/A	N/A	N/A	N/A
24	Plant Unit Info	74.5	13,316	24.0%	N/A	24.0%	N/A						
25	Flowers Creek PV Solar												
26	Solar		14,818					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	14,818	26.7%	N/A	26.7%	N/A						
28	Fort Drum PV Solar												
29	Solar		13,299					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	13,299	24.0%	N/A	24.0%	N/A						
31	Fort Myers 2												
32	Gas		773,385				7,069	5,335,007	1,024,700	5,466,782	33,008,541	4.27	5.71
33	Plant Unit Info	1,702.0	773,385	61.2%	93.8%	65.9%	7,069			5,466,782	33,008,541	4.27	
34	Fort Myers 3A												
35	Light Oil		142				11,436	279	5,830,078	1,627	29,069	20.43	104.16

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		2,897				11,436	32,328	1,024,700	33,126	2,745,145	94.77	5.76
2	Plant Unit Info	166.0	3,039	2.5%	93.7%	2.7%	11,436			34,753	2,774,214	91.29	
3	Fort Myers 3B												
4	Light Oil		0				0	0	0	0	0	0.00	0.00
5	Gas		3,039				11,410	33,840	1,024,700	34,676	2,756,010	90.69	5.83
6	Plant Unit Info	166.0	3,039	2.5%	93.7%	2.7%	11,410			34,676	2,756,010	90.69	
7	Fort Myers 3C												
8	Light Oil		516				10,634	941	5,830,030	5,486	98,016	19.00	104.16
9	Gas		15,350				10,634	159,298	1,024,700	163,233	3,474,979	22.64	5.75
10	Plant Unit Info	219.0	15,866	9.7%	93.7%	10.6%	10,634			168,719	3,572,995	22.52	
11	Fort Myers 3D												
12	Light Oil		1,012				10,713	1,859	5,829,994	10,840	193,674	19.14	104.16
13	Gas		12,824				10,713	134,076	1,024,700	137,388	3,331,339	25.98	5.76
14	Plant Unit Info	219.0	13,836	8.5%	93.7%	9.2%	10,713			148,228	3,525,013	25.48	
15	Fort Myers GT												
16	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
17	GCEC 4												
18	Gas		2,016				13,997	27,538	1,024,700	28,218	2,690,179	133.44	4.77
19	Plant Unit Info	75.0	2,016	3.6%	93.8%	3.9%	13,997			28,218	2,690,179	133.44	
20	GCEC 5												
21	Gas		2,166				13,412	28,350	1,024,700	29,050	2,694,110	124.38	4.77
22	Plant Unit Info	75.0	2,166	3.9%	93.8%	4.1%	13,412			29,050	2,694,110	124.38	
23	GCEC 6												
24	Gas		17,557				11,238	192,552	1,024,700	197,308	3,683,469	20.98	5.84
25	Plant Unit Info	315.0	17,557	7.5%	93.6%	8.0%	11,238			197,308	3,683,469	20.98	
26	GCEC 7												
27	Gas		46,696				10,996	501,091	1,024,700	513,468	5,481,970	11.74	5.83
28	Plant Unit Info	496.0	46,696	12.7%	93.6%	13.6%	10,996			513,468	5,481,970	11.74	
29	GCEC 8A												
30	Gas		23,787				11,522	267,470	1,024,700	274,077	4,115,955	17.30	5.82
31	Plant Unit Info	233.0	23,787	13.7%	93.8%	13.6%	11,522			274,077	4,115,955	17.30	
32	GCEC 8B												
33	Gas		24,313				11,812	280,272	1,024,700	287,195	4,192,788	17.25	5.83
34	Plant Unit Info	233.0	24,313	14.0%	93.8%	13.9%	11,812			287,195	4,192,788	17.25	
35	GCEC 8C												

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		15,459				11,075	167,081	1,024,700	171,208	3,532,299	22.85	5.83
2	Plant Unit Info	228.0	15,459	9.1%	93.8%	8.9%	11,075			171,208	3,532,299	22.85	
3	GCEC 8D												
4	Gas		14,702				11,166	160,204	1,024,700	164,161	3,490,737	23.74	5.82
5	Plant Unit Info	228.0	14,702	8.7%	93.8%	8.4%	11,166			164,161	3,490,737	23.74	
6	Ghost Orchid PV Solar												
7	Solar		12,803					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	12,803	23.1%	N/A	23.1%	N/A						
9	Grove PV Solar												
10	Solar		13,237					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	13,237	23.9%	N/A	23.9%	N/A						
12	Hammock PV Solar												
13	Solar		14,074					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	14,074	25.4%	N/A	25.4%	N/A						
15	Hibiscus PV Solar												
16	Solar		14,911					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	14,911	26.9%	N/A	26.9%	N/A						
18	Horizon PV Solar												
19	Solar		14,694					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	14,694	26.5%	N/A	26.5%	N/A						
21	Immokalee PV Solar												
22	Solar		13,082					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	13,082	23.6%	N/A	23.6%	N/A						
24	Indian River PV Solar												
25	Solar		14,539					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	14,539	26.2%	N/A	26.2%	N/A						
27	Interstate PV Solar												
28	Solar		13,733					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	13,733	24.8%	N/A	24.8%	N/A						
30	Lakeside PV Solar												
31	Solar		14,043					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	14,043	25.3%	N/A	25.3%	N/A						
33	Lauderdale 1-12												
34	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
35	Lauderdale 6A												

FLORIDA POWER & LIGHT COMPANY
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Light Oil		555				11,557	1,101	5,829,979	6,417	112,068	20.18	101.82
2	Gas		5,260				11,557	59,321	1,024,700	60,786	2,872,233	54.61	5.28
3	Plant Unit Info	216.0	5,815	3.6%	93.7%	3.9%	11,557			67,203	2,984,301	51.32	
4	Lauderdale 6B												
5	Light Oil		1,095				11,345	2,132	5,830,007	12,428	217,046	19.81	101.82
6	Gas		2,598				11,345	28,758	1,024,700	29,468	2,710,770	104.36	5.28
7	Plant Unit Info	216.0	3,693	2.3%	93.7%	2.5%	11,345			41,896	2,927,815	79.28	
8	Lauderdale 6C												
9	Light Oil		979				11,465	1,924	5,829,990	11,219	195,931	20.02	101.82
10	Gas		4,819				11,465	53,923	1,024,700	55,255	2,843,719	59.00	5.28
11	Plant Unit Info	216.0	5,798	3.6%	93.7%	3.9%	11,465			66,474	3,039,650	52.43	
12	Lauderdale 6D												
13	Light Oil		1,692				11,546	3,351	5,830,009	19,537	341,199	20.16	101.82
14	Gas		4,247				11,546	47,851	1,024,700	49,033	2,811,642	66.21	5.28
15	Plant Unit Info	216.0	5,939	3.7%	93.7%	4.0%	11,546			68,570	3,152,841	53.09	
16	Lauderdale 6E												
17	Light Oil		438				11,476	862	5,829,987	5,023	87,723	20.04	101.82
18	Gas		2,945				11,476	32,986	1,024,700	33,801	2,733,109	92.80	5.28
19	Plant Unit Info	216.0	3,383	2.1%	93.7%	2.3%	11,476			38,824	2,820,832	83.38	
20	Loggerhead PV Solar												
21	Solar		13,950					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	13,950	25.2%	N/A	25.2%	N/A						
23	Magnolia Springs PV Solar												
24	Solar		15,562					N/A	N/A	N/A	N/A	N/A	N/A
25	Plant Unit Info	74.5	15,562	28.1%	N/A	28.1%	N/A						
26	Manatee 1												
27	Plant Unit Info	0	0	N/A	100.0%	N/A	N/A						
28	Manatee 2												
29	Plant Unit Info	0	0	N/A	100.0%	N/A	N/A						
30	Manatee 3												
31	Gas		671,084				6,819	4,465,874	1,024,700	4,576,181	25,964,310	3.87	5.24
32	Plant Unit Info	1,231.5	671,084	73.8%	93.9%	79.7%	6,819			4,576,181	25,964,310	3.87	
33	Manatee PV Solar												
34	Solar		13,826					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	13,826	24.9%	N/A	24.9%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Martin 3												
2	Gas		194,591				7,347	1,395,154	1,024,700	1,429,614	10,135,149	5.21	5.43
3	Plant Unit Info	459.0	194,591	57.0%	93.9%	61.3%	7,347			1,429,614	10,135,149	5.21	
4	Martin 4												
5	Gas		200,707				7,354	1,440,438	1,024,700	1,476,017	10,379,819	5.17	5.43
6	Plant Unit Info	459.0	200,707	58.8%	93.9%	63.2%	7,354			1,476,017	10,379,819	5.17	
7	Martin 8												
8	Gas		644,190				6,887	4,329,398	1,024,700	4,436,334	26,118,485	4.05	5.44
9	Plant Unit Info	1,227.0	644,190	71.1%	93.5%	77.0%	6,887			4,436,334	26,118,485	4.05	
10	Martin 8 Solar												
11	Solar		12,679					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	75.0	12,679	31.0%	96.4%	32.2%	N/A						
13	Miami-Dade PV Solar												
14	Solar		13,826					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	13,826	24.9%	N/A	24.9%	N/A						
16	Nassau PV Solar												
17	Solar		15,252					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	15,252	27.5%	N/A	27.5%	N/A						
19	Northern Preserve PV Solar												
20	Solar		12,276					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	12,276	22.2%	N/A	22.2%	N/A						
22	Okeechobee 1												
23	Gas		1,060,080				6,283	6,500,380	1,024,700	6,660,939	38,869,356	3.67	5.59
24	Plant Unit Info	1,570.0	1,060,080	90.8%	93.0%	100.0%	6,283			6,660,939	38,869,356	3.67	
25	Okeechobee PV Solar												
26	Solar		14,105					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	14,105	25.5%	N/A	25.5%	N/A						
28	Orange Blossom PV Solar												
29	Solar		14,105					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	14,105	25.5%	N/A	25.5%	N/A						
31	Palm Bay PV Solar												
32	Solar		14,322					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	14,322	25.8%	N/A	25.8%	N/A						
34	Pea Ridge												
35	Gas		0					0	0	0	0	0.00	0.00

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	12.0	0	N/A	N/A	N/A	N/A						
2	Pelican PV Solar												
3	Solar		14,105					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	14,105	25.5%	N/A	25.5%	N/A						
5	Perdido												
6	Gas		1,897				10,501	19,441	1,024,700	19,921	2,633,325	138.82	3.83
7	Plant Unit Info	3.0	1,897	N/A	N/A	N/A	10,501			19,921	2,633,325	138.82	
8	Pink Trail PV Solar												
9	Solar		13,220					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	13,220	23.9%	N/A	23.9%	N/A						
11	Pioneer Trail PV Solar												
12	Solar		14,136					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	14,136	25.5%	N/A	25.5%	N/A						
14	Port Everglades 5												
15	Light Oil		0				0	0	0	0	0	0.00	0.00
16	Gas		807,006				6,375	5,020,460	1,024,700	5,144,465	29,078,310	3.60	5.28
17	Plant Unit Info	1,179.0	807,006	86.5%	93.0%	94.7%	6,375			5,144,465	29,078,310	3.60	
18	Riviera 5												
19	Gas		651,045				6,651	4,225,673	1,024,700	4,330,047	26,163,054	4.02	5.59
20	Plant Unit Info	1,263.0	651,045	66.9%	93.4%	72.5%	6,651			4,330,047	26,163,054	4.02	
21	Rodeo PV Solar												
22	Solar		15,159					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	15,159	27.4%	N/A	27.4%	N/A						
24	Sabal Palm PV Solar												
25	Solar		14,012					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	14,012	25.3%	N/A	25.3%	N/A						
27	Sanford 4												
28	Gas		473,279				6,986	3,226,563	1,024,700	3,306,259	20,960,835	4.43	5.70
29	Plant Unit Info	1,139.0	473,279	56.1%	94.1%	60.5%	6,986			3,306,259	20,960,835	4.43	
30	Sanford 5												
31	Gas		463,719				6,974	3,156,001	1,024,700	3,233,954	20,559,231	4.43	5.70
32	Plant Unit Info	1,139.0	463,719	54.9%	94.1%	59.4%	6,974			3,233,954	20,559,231	4.43	
33	Saw Palmetto PV Solar												
34	Solar		17,238					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	17,238	31.1%	N/A	31.1%	N/A						

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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Sawgrass PV Solar												
2	Solar		12,648					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	12,648	22.8%	N/A	22.8%	N/A						
4	Scherer 3												
5	Coal		67,806				11,127	44,380	17,000,000	754,459	2,612,390	3.85	58.86
6	Plant Unit Info	215.0	67,806	42.4%	93.7%	45.4%	11,127			754,459	2,612,390	3.85	
7	Shirer Branch PV Solar												
8	Solar		17,246					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	17,246	31.1%	N/A	31.1%	N/A						
10	Smith 3												
11	Gas		321,951				7,023	2,206,476	1,024,700	2,260,976	15,748,023	4.89	5.98
12	Plant Unit Info	644.0	321,951	67.2%	93.9%	72.6%	7,023			2,260,976	15,748,023	4.89	
13	Smith A												
14	Light Oil		0				0	0	0	0	0	0.00	0.00
15	Plant Unit Info	32.0	0	N/A	100.0%	N/A	N/A						
16	Southfork PV Solar												
17	Solar		17,050					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	17,050	30.8%	N/A	30.8%	N/A						
19	Space Coast PV Solar												
20	Solar		1,581					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	10.0	1,581	21.3%	N/A	21.3%	N/A						
22	St. Lucie 1												
23	Nuclear		711,588				10,560	7,514,303	1,000,000	7,514,303	3,452,071	0.49	0.46
24	Plant Unit Info	981.0	711,588	97.5%	97.5%	100.0%	10,560			7,514,303	3,452,071	0.49	
25	St. Lucie 2												
26	Nuclear		609,329				10,496	6,395,334	1,000,000	6,395,334	2,781,331	0.46	0.43
27	Plant Unit Info	840.0	609,329	97.5%	97.5%	100.0%	10,496			6,395,334	2,781,331	0.46	
28	Sundew PV Solar												
29	Solar		13,206					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	13,206	23.8%	N/A	23.8%	N/A						
31	Sunshine Gateway PV Solar												
32	Solar		13,826					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	13,826	24.9%	N/A	24.9%	N/A						
34	Sweetbay PV Solar												
35	Solar		12,772					N/A	N/A	N/A	N/A	N/A	N/A

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	74.5	12,772	23.0%	N/A	23.0%	N/A						
2	Trailside PV Solar												
3	Solar		15,903					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	15,903	28.7%	N/A	28.7%	N/A						
5	Turkey Point 3												
6	Nuclear		607,160				10,818	6,568,498	1,000,000	6,568,498	3,407,737	0.56	0.52
7	Plant Unit Info	837.0	607,160	97.5%	97.5%	100.0%	10,818			6,568,498	3,407,737	0.56	
8	Turkey Point 4												
9	Nuclear		612,238				10,729	6,568,514	1,000,000	6,568,514	3,290,825	0.54	0.50
10	Plant Unit Info	844.0	612,238	97.5%	97.5%	100.0%	10,729			6,568,514	3,290,825	0.54	
11	Turkey Point 5												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		557,477				6,944	3,777,885	1,024,700	3,871,199	22,515,718	4.04	5.28
14	Plant Unit Info	1,276.0	557,477	59.7%	93.9%	64.3%	6,944			3,871,199	22,515,718	4.04	
15	Twin Lakes PV Solar												
16	Solar		16,027					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	16,027	28.9%	N/A	28.9%	N/A						
18	Union Springs PV Solar												
19	Solar		15,624					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	15,624	28.2%	N/A	28.2%	N/A						
21	West County 1												
22	Gas		607,557				6,728	3,988,982	1,024,700	4,087,510	23,466,208	3.86	5.24
23	Plant Unit Info	1,223.0	607,557	66.8%	93.7%	72.8%	6,728			4,087,510	23,466,208	3.86	
24	West County 2												
25	Gas		790,805				6,592	5,087,107	1,024,700	5,212,759	29,219,654	3.69	5.24
26	Plant Unit Info	1,223.0	790,805	86.9%	93.7%	94.9%	6,592			5,212,759	29,219,654	3.69	
27	West County 3												
28	Gas		688,023				6,663	4,473,888	1,024,700	4,584,393	26,005,442	3.78	5.24
29	Plant Unit Info	1,228.0	688,023	75.3%	93.7%	83.1%	6,663			4,584,393	26,005,442	3.78	
30	Wild Azalea PV Solar												
31	Solar		17,998					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	17,998	32.5%	N/A	32.5%	N/A						
33	Wildflower PV Solar												
34	Solar		13,826					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	13,826	24.9%	N/A	24.9%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Willow PV Solar												
2	Solar		14,756					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	14,756	26.6%	N/A	26.6%	N/A						
4	_System Totals												
5	Plant Unit Info	32,249	13,771,718				7,073			97,406,795	477,295,098	3.47	N/A
6													
7													
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FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Aug - 2023												
2	Anhinga PV Solar												
3	Solar		13,385					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	13,385	24.2%	N/A	24.2%	N/A						
5	Apalachee PV Solar												
6	Solar		15,824					N/A	N/A	N/A	N/A	N/A	N/A
7	Plant Unit Info	74.5	15,824	28.6%	N/A	28.6%	N/A						
8	Babcock Preserve PV Solar												
9	Solar		14,446					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	14,446	26.1%	N/A	26.1%	N/A						
11	Babcock Ranch PV Solar												
12	Solar		13,547					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	13,547	24.4%	N/A	24.4%	N/A						
14	Barefoot Bay PV Solar												
15	Solar		14,818					N/A	N/A	N/A	N/A	N/A	N/A
16	Plant Unit Info	74.5	14,818	26.7%	N/A	26.7%	N/A						
17	Blackwater River PV Solar												
18	Solar		12,973					N/A	N/A	N/A	N/A	N/A	N/A
19	Plant Unit Info	74.5	12,973	23.4%	N/A	23.4%	N/A						
20	Blue Cypress PV Solar												
21	Solar		14,353					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	14,353	25.9%	N/A	25.9%	N/A						
23	Blue Heron PV Solar												
24	Solar		14,043					N/A	N/A	N/A	N/A	N/A	N/A
25	Plant Unit Info	74.5	14,043	25.3%	N/A	25.3%	N/A						
26	Blue Indigo PV Solar												
27	Solar		17,205					N/A	N/A	N/A	N/A	N/A	N/A
28	Plant Unit Info	74.5	17,205	31.0%	N/A	31.0%	N/A						
29	Blue Springs PV Solar												
30	Solar		14,849					N/A	N/A	N/A	N/A	N/A	N/A
31	Plant Unit Info	74.5	14,849	26.8%	N/A	26.8%	N/A						
32	Bluefield Preserve PV Solar												
33	Solar		12,770					N/A	N/A	N/A	N/A	N/A	N/A
34	Plant Unit Info	74.5	12,770	23.0%	N/A	23.0%	N/A						
35	Cape Canaveral 3												

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		490,859				6,727	3,222,263	1,024,700	3,301,853	20,971,439	4.27	5.71
2	Plant Unit Info	1,308.0	490,859	50.4%	93.4%	54.7%	6,727			3,301,853	20,971,439	4.27	
3	Cattle Ranch PV Solar												
4	Solar		14,260					N/A	N/A	N/A	N/A	N/A	N/A
5	Plant Unit Info	74.5	14,260	25.7%	N/A	25.7%	N/A						
6	Cavendish PV Solar												
7	Solar		15,321					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	15,321	27.6%	N/A	27.6%	N/A						
9	Chautauqua PV Solar												
10	Solar		16,955					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	16,955	30.6%	N/A	30.6%	N/A						
12	Chipola River PV Solar												
13	Solar		15,229					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	15,229	27.5%	N/A	27.5%	N/A						
15	Citrus PV Solar												
16	Solar		13,733					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	13,733	24.8%	N/A	24.8%	N/A						
18	Coral Farms PV Solar												
19	Solar		14,167					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	14,167	25.6%	N/A	25.6%	N/A						
21	Cotton Creek PV Solar												
22	Solar		13,671					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	13,671	24.7%	N/A	24.7%	N/A						
24	Cypress Pond PV Solar												
25	Solar		16,219					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	16,219	29.3%	N/A	29.3%	N/A						
27	Dania Beach 7												
28	Gas		567,458				6,466	3,580,760	1,024,700	3,669,205	21,586,155	3.80	5.31
29	Plant Unit Info	1,101.0	567,458	69.3%	93.6%	75.5%	6,466			3,669,205	21,586,155	3.80	
30	Daniel 1												
31	Coal		8,221				17,117	8,277	17,000,006	140,715	523,409	6.37	63.23
32	Plant Unit Info	251.0	8,221	4.4%	93.6%	4.7%	17,117			140,715	523,409	6.37	
33	Daniel 2												
34	Coal		3,702				19,259	4,194	17,000,010	71,296	265,195	7.16	63.23
35	Plant Unit Info	251.0	3,702	2.0%	93.6%	2.1%	19,259			71,296	265,195	7.16	

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Desoto PV Solar												
2	Solar		4,154					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	25.0	4,154	22.3%	N/A	22.3%	N/A						
4	Discovery PV Solar												
5	Solar		12,772					N/A	N/A	N/A	N/A	N/A	N/A
6	Plant Unit Info	74.5	12,772	23.0%	N/A	23.0%	N/A						
7	Echo River PV Solar												
8	Solar		17,019					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	17,019	30.7%	N/A	30.7%	N/A						
10	Egret PV Solar												
11	Solar		14,632					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	74.5	14,632	26.4%	N/A	26.4%	N/A						
13	Elder Branch PV Solar												
14	Solar		15,190					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	15,190	27.4%	N/A	27.4%	N/A						
16	Etonia Creek PV Solar												
17	Solar		16,267					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	16,267	29.4%	N/A	29.4%	N/A						
19	Everglades PV Solar												
20	Solar		13,270					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	13,270	23.9%	N/A	23.9%	N/A						
22	First City PV Solar												
23	Solar		13,241					N/A	N/A	N/A	N/A	N/A	N/A
24	Plant Unit Info	74.5	13,241	23.9%	N/A	23.9%	N/A						
25	Flowers Creek PV Solar												
26	Solar		14,113					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	14,113	25.5%	N/A	25.5%	N/A						
28	Fort Drum PV Solar												
29	Solar		13,082					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	13,082	23.6%	N/A	23.6%	N/A						
31	Fort Myers 2												
32	Gas		783,932				7,064	5,404,050	1,024,700	5,537,530	33,439,018	4.27	5.71
33	Plant Unit Info	1,702.0	783,932	62.0%	93.8%	66.8%	7,064			5,537,530	33,439,018	4.27	
34	Fort Myers 3A												
35	Light Oil		487				11,468	958	5,830,003	5,588	99,839	20.49	104.16

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ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		4,072				11,467	45,567	1,024,700	46,692	2,817,053	69.19	5.71
2	Plant Unit Info	166.0	4,559	3.7%	93.7%	4.0%	11,467			52,280	2,916,891	63.98	
3	Fort Myers 3B												
4	Light Oil		193				11,455	380	5,830,045	2,216	39,592	20.47	104.16
5	Gas		3,454				11,455	38,606	1,024,700	39,560	2,777,127	80.41	5.71
6	Plant Unit Info	166.0	3,647	3.0%	93.7%	3.2%	11,455			41,776	2,816,719	77.23	
7	Fort Myers 3C												
8	Light Oil		764				10,702	1,402	5,830,016	8,171	145,988	19.12	104.16
9	Gas		16,731				10,702	174,737	1,024,700	179,053	3,559,157	21.27	5.74
10	Plant Unit Info	219.0	17,495	10.7%	93.7%	11.7%	10,702			187,224	3,705,145	21.18	
11	Fort Myers 3D												
12	Light Oil		543				10,577	985	5,830,015	5,740	102,554	18.90	104.16
13	Gas		18,902				10,577	195,104	1,024,700	199,923	3,676,885	19.45	5.74
14	Plant Unit Info	219.0	19,445	11.9%	93.7%	13.0%	10,577			205,663	3,779,439	19.44	
15	Fort Myers GT												
16	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
17	GCEC 4												
18	Gas		2,016				13,997	27,538	1,024,700	28,218	2,688,545	133.36	4.79
19	Plant Unit Info	75.0	2,016	3.6%	93.8%	3.9%	13,997			28,218	2,688,545	133.36	
20	GCEC 5												
21	Gas		9,120				12,735	113,342	1,024,700	116,142	3,098,987	33.98	4.78
22	Plant Unit Info	75.0	9,120	16.3%	93.8%	17.4%	12,735			116,142	3,098,987	33.98	
23	GCEC 6												
24	Gas		13,377				11,892	155,247	1,024,700	159,082	3,462,931	25.89	5.84
25	Plant Unit Info	315.0	13,377	5.7%	93.6%	6.1%	11,892			159,082	3,462,931	25.89	
26	GCEC 7												
27	Gas		73,602				10,982	788,778	1,024,700	808,261	7,152,650	9.72	5.83
28	Plant Unit Info	496.0	73,602	20.0%	93.6%	21.4%	10,982			808,261	7,152,650	9.72	
29	GCEC 8A												
30	Gas		27,256				11,304	300,671	1,024,700	308,098	4,306,411	15.80	5.82
31	Plant Unit Info	233.0	27,256	15.7%	93.8%	15.6%	11,304			308,098	4,306,411	15.80	
32	GCEC 8B												
33	Gas		24,323				11,411	270,860	1,024,700	277,550	4,138,951	17.02	5.84
34	Plant Unit Info	233.0	24,323	14.0%	93.8%	13.9%	11,411			277,550	4,138,951	17.02	
35	GCEC 8C												

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ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		19,234				11,185	209,944	1,024,700	215,130	3,777,986	19.64	5.82
2	Plant Unit Info	228.0	19,234	11.3%	93.8%	11.0%	11,185			215,130	3,777,986	19.64	
3	GCEC 8D												
4	Gas		17,575				11,035	189,262	1,024,700	193,937	3,655,246	20.80	5.80
5	Plant Unit Info	228.0	17,575	10.4%	93.8%	10.1%	11,035			193,937	3,655,246	20.80	
6	Ghost Orchid PV Solar												
7	Solar		12,834					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	12,834	23.2%	N/A	23.2%	N/A						
9	Grove PV Solar												
10	Solar		13,144					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	13,144	23.7%	N/A	23.7%	N/A						
12	Hammock PV Solar												
13	Solar		13,764					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	13,764	24.8%	N/A	24.8%	N/A						
15	Hibiscus PV Solar												
16	Solar		14,477					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	14,477	26.1%	N/A	26.1%	N/A						
18	Horizon PV Solar												
19	Solar		14,167					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	14,167	25.6%	N/A	25.6%	N/A						
21	Immokalee PV Solar												
22	Solar		13,330					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	13,330	24.1%	N/A	24.1%	N/A						
24	Indian River PV Solar												
25	Solar		14,415					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	14,415	26.0%	N/A	26.0%	N/A						
27	Interstate PV Solar												
28	Solar		13,578					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	13,578	24.5%	N/A	24.5%	N/A						
30	Lakeside PV Solar												
31	Solar		13,578					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	13,578	24.5%	N/A	24.5%	N/A						
33	Lauderdale 1-12												
34	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
35	Lauderdale 6A												

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Light Oil		1,603				11,099	3,051	5,830,009	17,788	310,654	19.38	101.82
2	Gas		7,363				11,099	79,756	1,024,700	81,726	2,980,626	40.48	5.31
3	Plant Unit Info	216.0	8,966	5.6%	93.7%	6.1%	11,099			99,514	3,291,280	36.71	
4	Lauderdale 6B												
5	Light Oil		1,773				11,421	3,472	5,830,007	20,244	353,546	19.95	101.82
6	Gas		7,210				11,421	80,365	1,024,700	82,350	2,983,862	41.38	5.31
7	Plant Unit Info	216.0	8,983	5.6%	93.7%	6.1%	11,421			102,594	3,337,408	37.15	
8	Lauderdale 6C												
9	Light Oil		1,884				12,348	3,990	5,830,002	23,262	406,253	21.56	101.82
10	Gas		3,333				12,348	40,163	1,024,700	41,155	2,770,204	83.11	5.31
11	Plant Unit Info	216.0	5,217	3.3%	93.7%	3.5%	12,348			64,417	3,176,457	60.89	
12	Lauderdale 6D												
13	Light Oil		454				11,155	869	5,830,025	5,066	88,474	19.48	101.82
14	Gas		5,636				11,155	61,352	1,024,700	62,867	2,882,812	51.15	5.31
15	Plant Unit Info	216.0	6,090	3.8%	93.7%	4.1%	11,155			67,933	2,971,286	48.79	
16	Lauderdale 6E												
17	Light Oil		618				11,462	1,214	5,829,984	7,079	123,629	20.02	101.82
18	Gas		6,665				11,462	74,555	1,024,700	76,397	2,952,987	44.30	5.31
19	Plant Unit Info	216.0	7,283	4.5%	93.7%	4.9%	11,462			83,476	3,076,616	42.24	
20	Loggerhead PV Solar												
21	Solar		14,105					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	14,105	25.5%	N/A	25.5%	N/A						
23	Magnolia Springs PV Solar												
24	Solar		14,632					N/A	N/A	N/A	N/A	N/A	N/A
25	Plant Unit Info	74.5	14,632	26.4%	N/A	26.4%	N/A						
26	Manatee 1												
27	Plant Unit Info	0	0	N/A	100.0%	N/A	N/A						
28	Manatee 2												
29	Plant Unit Info	0	0	N/A	100.0%	N/A	N/A						
30	Manatee 3												
31	Gas		669,647				6,806	4,447,608	1,024,700	4,557,464	26,017,439	3.89	5.27
32	Plant Unit Info	1,231.5	669,647	73.6%	93.9%	79.6%	6,806			4,557,464	26,017,439	3.89	
33	Manatee PV Solar												
34	Solar		13,826					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	13,826	24.9%	N/A	24.9%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Martin 3												
2	Gas		202,529				7,334	1,449,626	1,024,700	1,485,432	10,464,642	5.17	5.46
3	Plant Unit Info	459.0	202,529	59.3%	93.9%	63.8%	7,334			1,485,432	10,464,642	5.17	
4	Martin 4												
5	Gas		198,948				7,333	1,423,726	1,024,700	1,458,892	10,331,252	5.19	5.46
6	Plant Unit Info	459.0	198,948	58.3%	93.9%	62.7%	7,333			1,458,892	10,331,252	5.19	
7	Martin 8												
8	Gas		642,093				6,879	4,310,713	1,024,700	4,417,188	26,166,685	4.08	5.48
9	Plant Unit Info	1,227.0	642,093	70.9%	93.5%	76.7%	6,879			4,417,188	26,166,685	4.08	
10	Martin 8 Solar												
11	Solar		11,873					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	75.0	11,873	29.0%	96.4%	30.1%	N/A						
13	Miami-Dade PV Solar												
14	Solar		13,640					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	13,640	24.6%	N/A	24.6%	N/A						
16	Nassau PV Solar												
17	Solar		14,229					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	14,229	25.7%	N/A	25.7%	N/A						
19	Northern Preserve PV Solar												
20	Solar		11,780					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	11,780	21.3%	N/A	21.3%	N/A						
22	Okeechobee 1												
23	Gas		1,060,080				6,283	6,500,380	1,024,700	6,660,939	38,942,799	3.67	5.60
24	Plant Unit Info	1,570.0	1,060,080	90.8%	93.0%	100.0%	6,283			6,660,939	38,942,799	3.67	
25	Okeechobee PV Solar												
26	Solar		13,950					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	13,950	25.2%	N/A	25.2%	N/A						
28	Orange Blossom PV Solar												
29	Solar		13,826					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	13,826	24.9%	N/A	24.9%	N/A						
31	Palm Bay PV Solar												
32	Solar		13,919					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	13,919	25.1%	N/A	25.1%	N/A						
34	Pea Ridge												
35	Gas		0					0	0	0	0	0.00	0.00

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	12.0	0	N/A	N/A	N/A	N/A						
2	Pelican PV Solar												
3	Solar		13,826					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	13,826	24.9%	N/A	24.9%	N/A						
5	Perdido												
6	Gas		1,897				10,501	19,441	1,024,700	19,921	2,631,232	138.70	3.83
7	Plant Unit Info	3.0	1,897	N/A	N/A	N/A	10,501			19,921	2,631,232	138.70	
8	Pink Trail PV Solar												
9	Solar		13,250					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	13,250	23.9%	N/A	23.9%	N/A						
11	Pioneer Trail PV Solar												
12	Solar		14,012					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	14,012	25.3%	N/A	25.3%	N/A						
14	Port Everglades 5												
15	Light Oil		0				0	0	0	0	0	0.00	0.00
16	Gas		769,279				6,388	4,795,410	1,024,700	4,913,857	28,041,335	3.65	5.31
17	Plant Unit Info	1,179.0	769,279	82.5%	93.0%	90.2%	6,388			4,913,857	28,041,335	3.65	
18	Riviera 5												
19	Gas		644,296				6,651	4,182,212	1,024,700	4,285,513	25,966,793	4.03	5.60
20	Plant Unit Info	1,263.0	644,296	66.2%	93.4%	71.7%	6,651			4,285,513	25,966,793	4.03	
21	Rodeo PV Solar												
22	Solar		14,601					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	14,601	26.3%	N/A	26.3%	N/A						
24	Sabal Palm PV Solar												
25	Solar		13,609					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	13,609	24.6%	N/A	24.6%	N/A						
27	Sanford 4												
28	Gas		467,908				6,977	3,185,940	1,024,700	3,264,633	20,768,402	4.44	5.72
29	Plant Unit Info	1,139.0	467,908	55.4%	94.1%	59.8%	6,977			3,264,633	20,768,402	4.44	
30	Sanford 5												
31	Gas		466,517				6,967	3,171,686	1,024,700	3,250,027	20,693,414	4.44	5.72
32	Plant Unit Info	1,139.0	466,517	55.3%	94.1%	59.7%	6,967			3,250,027	20,693,414	4.44	
33	Saw Palmetto PV Solar												
34	Solar		16,486					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	16,486	29.7%	N/A	29.7%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Sawgrass PV Solar												
2	Solar		12,710					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	12,710	22.9%	N/A	22.9%	N/A						
4	Scherer 3												
5	Coal		70,249				11,085	45,805	17,000,000	778,693	2,702,931	3.85	59.01
6	Plant Unit Info	215.0	70,249	43.9%	93.7%	47.1%	11,085			778,693	2,702,931	3.85	
7	Shirer Branch PV Solar												
8	Solar		16,547					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	16,547	29.9%	N/A	29.9%	N/A						
10	Smith 3												
11	Gas		313,257				7,024	2,147,340	1,024,700	2,200,379	15,430,507	4.93	6.00
12	Plant Unit Info	644.0	313,257	65.4%	93.9%	70.6%	7,024			2,200,379	15,430,507	4.93	
13	Smith A												
14	Light Oil		0				0	0	0	0	0	0.00	0.00
15	Plant Unit Info	32.0	0	N/A	100.0%	N/A	N/A						
16	Southfork PV Solar												
17	Solar		16,802					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	16,802	30.3%	N/A	30.3%	N/A						
19	Space Coast PV Solar												
20	Solar		1,550					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	10.0	1,550	20.8%	N/A	20.8%	N/A						
22	St. Lucie 1												
23	Nuclear		711,588				10,560	7,514,303	1,000,000	7,514,303	3,452,071	0.49	0.46
24	Plant Unit Info	981.0	711,588	97.5%	97.5%	100.0%	10,560			7,514,303	3,452,071	0.49	
25	St. Lucie 2												
26	Nuclear		609,329				10,496	6,395,334	1,000,000	6,395,334	2,781,331	0.46	0.43
27	Plant Unit Info	840.0	609,329	97.5%	97.5%	100.0%	10,496			6,395,334	2,781,331	0.46	
28	Sundew PV Solar												
29	Solar		13,144					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	13,144	23.7%	N/A	23.7%	N/A						
31	Sunshine Gateway PV Solar												
32	Solar		13,423					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	13,423	24.2%	N/A	24.2%	N/A						
34	Sweetbay PV Solar												
35	Solar		12,617					N/A	N/A	N/A	N/A	N/A	N/A

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	74.5	12,617	22.8%	N/A	22.8%	N/A						
2	Trailside PV Solar												
3	Solar		14,911					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	14,911	26.9%	N/A	26.9%	N/A						
5	Turkey Point 3												
6	Nuclear		607,160				10,818	6,568,498	1,000,000	6,568,498	3,407,737	0.56	0.52
7	Plant Unit Info	837.0	607,160	97.5%	97.5%	100.0%	10,818			6,568,498	3,407,737	0.56	
8	Turkey Point 4												
9	Nuclear		612,238				10,729	6,568,514	1,000,000	6,568,514	3,290,825	0.54	0.50
10	Plant Unit Info	844.0	612,238	97.5%	97.5%	100.0%	10,729			6,568,514	3,290,825	0.54	
11	Turkey Point 5												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		537,959				6,930	3,638,275	1,024,700	3,728,140	21,891,891	4.07	5.31
14	Plant Unit Info	1,276.0	537,959	57.6%	93.9%	62.1%	6,930			3,728,140	21,891,891	4.07	
15	Twin Lakes PV Solar												
16	Solar		15,128					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	15,128	27.3%	N/A	27.3%	N/A						
18	Union Springs PV Solar												
19	Solar		14,601					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	14,601	26.3%	N/A	26.3%	N/A						
21	West County 1												
22	Gas		592,649				6,735	3,895,360	1,024,700	3,991,575	23,105,313	3.90	5.28
23	Plant Unit Info	1,223.0	592,649	65.1%	93.7%	71.0%	6,735			3,991,575	23,105,313	3.90	
24	West County 2												
25	Gas		814,474				6,575	5,225,688	1,024,700	5,354,762	30,122,991	3.70	5.28
26	Plant Unit Info	1,223.0	814,474	89.5%	93.7%	97.7%	6,575			5,354,762	30,122,991	3.70	
27	West County 3												
28	Gas		712,482				6,637	4,615,071	1,024,700	4,729,063	26,902,029	3.78	5.28
29	Plant Unit Info	1,228.0	712,482	78.0%	93.7%	86.1%	6,637			4,729,063	26,902,029	3.78	
30	Wild Azalea PV Solar												
31	Solar		17,021					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	17,021	30.7%	N/A	30.7%	N/A						
33	Wildflower PV Solar												
34	Solar		13,733					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	13,733	24.8%	N/A	24.8%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Willow PV Solar												
2	Solar		14,229					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	14,229	25.7%	N/A	25.7%	N/A						
4	_System Totals												
5	Plant Unit Info	32,249	13,759,714				7,113			97,875,022	481,249,779	3.50	N/A
6													
7													
8													
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10													
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FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Sep - 2023												
2	Anhinga PV Solar												
3	Solar		11,363					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	11,363	21.2%	N/A	21.2%	N/A						
5	Apalachee PV Solar												
6	Solar		14,207					N/A	N/A	N/A	N/A	N/A	N/A
7	Plant Unit Info	74.5	14,207	26.5%	N/A	26.5%	N/A						
8	Babcock Preserve PV Solar												
9	Solar		13,260					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	13,260	24.7%	N/A	24.7%	N/A						
11	Babcock Ranch PV Solar												
12	Solar		12,720					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	12,720	23.7%	N/A	23.7%	N/A						
14	Barefoot Bay PV Solar												
15	Solar		13,290					N/A	N/A	N/A	N/A	N/A	N/A
16	Plant Unit Info	74.5	13,290	24.8%	N/A	24.8%	N/A						
17	Blackwater River PV Solar												
18	Solar		12,467					N/A	N/A	N/A	N/A	N/A	N/A
19	Plant Unit Info	74.5	12,467	23.2%	N/A	23.2%	N/A						
20	Blue Cypress PV Solar												
21	Solar		12,870					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	12,870	24.0%	N/A	24.0%	N/A						
23	Blue Heron PV Solar												
24	Solar		12,720					N/A	N/A	N/A	N/A	N/A	N/A
25	Plant Unit Info	74.5	12,720	23.7%	N/A	23.7%	N/A						
26	Blue Indigo PV Solar												
27	Solar		15,210					N/A	N/A	N/A	N/A	N/A	N/A
28	Plant Unit Info	74.5	15,210	28.4%	N/A	28.4%	N/A						
29	Blue Springs PV Solar												
30	Solar		13,290					N/A	N/A	N/A	N/A	N/A	N/A
31	Plant Unit Info	74.5	13,290	24.8%	N/A	24.8%	N/A						
32	Bluefield Preserve PV Solar												
33	Solar		11,904					N/A	N/A	N/A	N/A	N/A	N/A
34	Plant Unit Info	74.5	11,904	22.2%	N/A	22.2%	N/A						
35	Cape Canaveral 3												

FLORIDA POWER & LIGHT COMPANY
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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		433,684				6,750	2,856,877	1,024,700	2,927,442	18,600,482	4.29	5.62
2	Plant Unit Info	1,308.0	433,684	46.1%	93.4%	49.9%	6,750			2,927,442	18,600,482	4.29	
3	Cattle Ranch PV Solar												
4	Solar		12,750					N/A	N/A	N/A	N/A	N/A	N/A
5	Plant Unit Info	74.5	12,750	23.8%	N/A	23.8%	N/A						
6	Cavendish PV Solar												
7	Solar		13,402					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	13,402	25.0%	N/A	25.0%	N/A						
9	Chautauqua PV Solar												
10	Solar		15,503					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	15,503	28.9%	N/A	28.9%	N/A						
12	Chipola River PV Solar												
13	Solar		13,919					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	13,919	26.0%	N/A	26.0%	N/A						
15	Citrus PV Solar												
16	Solar		12,990					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	12,990	24.2%	N/A	24.2%	N/A						
18	Coral Farms PV Solar												
19	Solar		12,780					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	12,780	23.8%	N/A	23.8%	N/A						
21	Cotton Creek PV Solar												
22	Solar		13,080					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	13,080	24.4%	N/A	24.4%	N/A						
24	Cypress Pond PV Solar												
25	Solar		15,181					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	15,181	28.3%	N/A	28.3%	N/A						
27	Dania Beach 7												
28	Gas		532,043				6,480	3,364,692	1,024,700	3,447,800	20,249,540	3.81	5.26
29	Plant Unit Info	1,101.0	532,043	67.1%	93.6%	73.2%	6,480			3,447,800	20,249,540	3.81	
30	Daniel 1												
31	Coal		4,707				15,913	4,406	16,999,995	74,903	278,602	5.92	63.23
32	Plant Unit Info	251.0	4,707	2.6%	93.6%	2.8%	15,913			74,903	278,602	5.92	
33	Daniel 2												
34	Coal		5,765				14,937	5,065	17,000,002	86,113	320,297	5.56	63.23
35	Plant Unit Info	251.0	5,765	3.2%	93.6%	3.4%	14,937			86,113	320,297	5.56	

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Desoto PV Solar												
2	Solar		3,690					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	25.0	3,690	20.5%	N/A	20.5%	N/A						
4	Discovery PV Solar												
5	Solar		11,550					N/A	N/A	N/A	N/A	N/A	N/A
6	Plant Unit Info	74.5	11,550	21.5%	N/A	21.5%	N/A						
7	Echo River PV Solar												
8	Solar		14,820					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	14,820	27.6%	N/A	27.6%	N/A						
10	Egret PV Solar												
11	Solar		12,510					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	74.5	12,510	23.3%	N/A	23.3%	N/A						
13	Elder Branch PV Solar												
14	Solar		13,650					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	13,650	25.5%	N/A	25.5%	N/A						
16	Etonia Creek PV Solar												
17	Solar		14,053					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	14,053	26.2%	N/A	26.2%	N/A						
19	Everglades PV Solar												
20	Solar		12,008					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	12,008	22.4%	N/A	22.4%	N/A						
22	First City PV Solar												
23	Solar		12,545					N/A	N/A	N/A	N/A	N/A	N/A
24	Plant Unit Info	74.5	12,545	23.4%	N/A	23.4%	N/A						
25	Flowers Creek PV Solar												
26	Solar		12,674					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	12,674	23.6%	N/A	23.6%	N/A						
28	Fort Drum PV Solar												
29	Solar		11,940					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	11,940	22.3%	N/A	22.3%	N/A						
31	Fort Myers 2												
32	Gas		713,883				7,056	4,915,796	1,024,700	5,037,216	30,258,425	4.24	5.64
33	Plant Unit Info	1,702.0	713,883	58.3%	77.7%	76.1%	7,056			5,037,216	30,258,425	4.24	
34	Fort Myers 3A												
35	Light Oil		0				0	0	0	0	0	0.00	0.00

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		4,103				11,453	45,859	1,024,700	46,992	2,810,744	68.50	5.62
2	Plant Unit Info	166.0	4,103	3.4%	93.7%	3.8%	11,453			46,992	2,810,744	68.50	
3	Fort Myers 3B												
4	Light Oil		0				0	0	0	0	0	0.00	0.00
5	Gas		1,342				11,563	15,143	1,024,700	15,517	2,638,841	196.63	5.66
6	Plant Unit Info	166.0	1,342	1.1%	93.7%	1.2%	11,563			15,517	2,638,841	196.63	
7	Fort Myers 3C												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Gas		11,367				10,585	117,416	1,024,700	120,316	3,211,410	28.25	5.61
10	Plant Unit Info	219.0	11,367	7.2%	93.7%	7.8%	10,585			120,316	3,211,410	28.25	
11	Fort Myers 3D												
12	Light Oil		163				10,607	296	5,830,036	1,724	30,802	18.95	104.16
13	Gas		10,796				10,607	111,753	1,024,700	114,513	3,176,374	29.42	5.58
14	Plant Unit Info	219.0	10,959	7.0%	93.7%	7.6%	10,607			116,237	3,207,176	29.27	
15	Fort Myers GT												
16	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
17	GCEC 4												
18	Gas		0					0	0	0	0	0.00	0.00
19	Plant Unit Info	75.0	0	N/A	93.8%	N/A	N/A						
20	GCEC 5												
21	Gas		2,299				13,246	29,718	1,024,700	30,452	2,692,268	117.11	4.68
22	Plant Unit Info	75.0	2,299	4.3%	93.8%	4.6%	13,246			30,452	2,692,268	117.11	
23	GCEC 6												
24	Gas		4,326				11,948	50,443	1,024,700	51,689	2,845,543	65.78	5.80
25	Plant Unit Info	315.0	4,326	1.9%	93.6%	2.1%	11,948			51,689	2,845,543	65.78	
26	GCEC 7												
27	Gas		27,847				11,401	309,840	1,024,700	317,493	4,345,524	15.61	5.78
28	Plant Unit Info	496.0	27,847	7.8%	93.6%	8.4%	11,401			317,493	4,345,524	15.61	
29	GCEC 8A												
30	Gas		18,210				11,746	208,737	1,024,700	213,893	3,764,155	20.67	5.80
31	Plant Unit Info	233.0	18,210	10.9%	93.8%	10.8%	11,746			213,893	3,764,155	20.67	
32	GCEC 8B												
33	Gas		17,288				12,005	202,533	1,024,700	207,536	3,723,744	21.54	5.78
34	Plant Unit Info	233.0	17,288	10.3%	93.8%	10.2%	12,005			207,536	3,723,744	21.54	
35	GCEC 8C												

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		11,099				11,302	122,413	1,024,700	125,437	3,257,814	29.35	5.76
2	Plant Unit Info	228.0	11,099	6.8%	93.8%	6.6%	11,302			125,437	3,257,814	29.35	
3	GCEC 8D												
4	Gas		12,909				11,351	142,993	1,024,700	146,525	3,377,691	26.17	5.77
5	Plant Unit Info	228.0	12,909	7.9%	93.8%	7.6%	11,351			146,525	3,377,691	26.17	
6	Ghost Orchid PV Solar												
7	Solar		12,000					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	12,000	22.4%	N/A	22.4%	N/A						
9	Grove PV Solar												
10	Solar		11,970					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	11,970	22.3%	N/A	22.3%	N/A						
12	Hammock PV Solar												
13	Solar		12,570					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	12,570	23.4%	N/A	23.4%	N/A						
15	Hibiscus PV Solar												
16	Solar		13,110					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	13,110	24.4%	N/A	24.4%	N/A						
18	Horizon PV Solar												
19	Solar		12,930					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	12,930	24.1%	N/A	24.1%	N/A						
21	Immokalee PV Solar												
22	Solar		12,360					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	12,360	23.0%	N/A	23.0%	N/A						
24	Indian River PV Solar												
25	Solar		12,900					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	12,900	24.1%	N/A	24.1%	N/A						
27	Interstate PV Solar												
28	Solar		12,450					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	12,450	23.2%	N/A	23.2%	N/A						
30	Lakeside PV Solar												
31	Solar		12,360					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	12,360	23.0%	N/A	23.0%	N/A						
33	Lauderdale 1-12												
34	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
35	Lauderdale 6A												

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Light Oil		0				0	0	0	0	0	0.00	0.00
2	Gas		4,980				10,591	51,471	1,024,700	52,742	2,823,790	56.70	5.26
3	Plant Unit Info	216.0	4,980	3.2%	93.7%	3.5%	10,591			52,742	2,823,790	56.70	
4	Lauderdale 6B												
5	Light Oil		31				10,999	58	5,829,596	338	5,903	19.21	101.81
6	Gas		2,716				11,000	29,159	1,024,700	29,879	2,706,456	99.64	5.26
7	Plant Unit Info	216.0	2,747	1.8%	93.7%	1.9%	11,000			30,217	2,712,359	98.74	
8	Lauderdale 6C												
9	Light Oil		28				11,016	53	5,830,355	310	5,414	19.24	101.82
10	Gas		3,621				11,016	38,927	1,024,700	39,889	2,757,828	76.17	5.26
11	Plant Unit Info	216.0	3,649	2.4%	93.7%	2.6%	11,016			40,199	2,763,242	75.73	
12	Lauderdale 6D												
13	Light Oil		97				10,732	178	5,830,051	1,036	18,093	18.74	101.82
14	Gas		3,778				10,732	39,575	1,024,700	40,552	2,761,229	73.08	5.26
15	Plant Unit Info	216.0	3,875	2.5%	93.7%	2.7%	10,732			41,588	2,779,322	71.72	
16	Lauderdale 6E												
17	Light Oil		91				11,336	178	5,830,051	1,036	18,093	19.80	101.82
18	Gas		3,346				11,335	37,010	1,024,700	37,924	2,747,741	82.13	5.26
19	Plant Unit Info	216.0	3,437	2.2%	93.7%	2.4%	11,335			38,960	2,765,834	80.47	
20	Loggerhead PV Solar												
21	Solar		12,990					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	12,990	24.2%	N/A	24.2%	N/A						
23	Magnolia Springs PV Solar												
24	Solar		12,570					N/A	N/A	N/A	N/A	N/A	N/A
25	Plant Unit Info	74.5	12,570	23.4%	N/A	23.4%	N/A						
26	Manatee 1												
27	Plant Unit Info	0	0	N/A	100.0%	N/A	N/A						
28	Manatee 2												
29	Plant Unit Info	0	0	N/A	100.0%	N/A	N/A						
30	Manatee 3												
31	Gas		625,915				6,822	4,166,908	1,024,700	4,269,831	24,205,468	3.87	5.20
32	Plant Unit Info	1,231.5	625,915	71.1%	93.9%	76.9%	6,822			4,269,831	24,205,468	3.87	
33	Manatee PV Solar												
34	Solar		13,320					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	13,320	24.8%	N/A	24.8%	N/A						

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Martin 3												
2	Gas		183,994				7,341	1,318,159	1,024,700	1,350,718	9,619,096	5.23	5.36
3	Plant Unit Info	459.0	183,994	55.7%	93.9%	59.9%	7,341			1,350,718	9,619,096	5.23	
4	Martin 4												
5	Gas		184,355				7,350	1,322,405	1,024,700	1,355,068	9,633,871	5.23	5.35
6	Plant Unit Info	459.0	184,355	55.8%	93.9%	60.0%	7,350			1,355,068	9,633,871	5.23	
7	Martin 8												
8	Gas		603,988				6,890	4,061,433	1,024,700	4,161,750	24,405,762	4.04	5.38
9	Plant Unit Info	1,227.0	603,988	68.9%	93.5%	74.6%	6,890			4,161,750	24,405,762	4.04	
10	Martin 8 Solar												
11	Solar		10,320					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	75.0	10,320	26.1%	96.4%	27.0%	N/A						
13	Miami-Dade PV Solar												
14	Solar		12,450					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	12,450	23.2%	N/A	23.2%	N/A						
16	Nassau PV Solar												
17	Solar		11,970					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	11,970	22.3%	N/A	22.3%	N/A						
19	Northern Preserve PV Solar												
20	Solar		11,010					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	11,010	20.5%	N/A	20.5%	N/A						
22	Okeechobee 1												
23	Gas		1,020,355				6,285	6,258,826	1,024,700	6,413,419	37,382,086	3.66	5.56
24	Plant Unit Info	1,570.0	1,020,355	90.3%	93.0%	99.5%	6,285			6,413,419	37,382,086	3.66	
25	Okeechobee PV Solar												
26	Solar		12,900					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	12,900	24.1%	N/A	24.1%	N/A						
28	Orange Blossom PV Solar												
29	Solar		12,510					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	12,510	23.3%	N/A	23.3%	N/A						
31	Palm Bay PV Solar												
32	Solar		12,630					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	12,630	23.6%	N/A	23.6%	N/A						
34	Pea Ridge												
35	Gas		0					0	0	0	0	0.00	0.00

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	12.0	0	N/A	N/A	N/A	N/A						
2	Pelican PV Solar												
3	Solar		12,570					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	12,570	23.4%	N/A	23.4%	N/A						
5	Perdido												
6	Gas		1,836				10,500	18,813	1,024,700	19,278	2,625,193	142.98	3.83
7	Plant Unit Info	3.0	1,836	N/A	N/A	N/A	10,500			19,278	2,625,193	142.98	
8	Pink Trail PV Solar												
9	Solar		12,194					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	12,194	22.7%	N/A	22.7%	N/A						
11	Pioneer Trail PV Solar												
12	Solar		12,630					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	12,630	23.6%	N/A	23.6%	N/A						
14	Port Everglades 5												
15	Light Oil		0				0	0	0	0	0	0.00	0.00
16	Gas		737,669				6,396	4,604,130	1,024,700	4,717,852	26,769,116	3.63	5.26
17	Plant Unit Info	1,179.0	737,669	81.7%	93.0%	89.4%	6,396			4,717,852	26,769,116	3.63	
18	Riviera 5												
19	Gas		608,516				6,660	3,955,003	1,024,700	4,052,692	24,561,826	4.04	5.56
20	Plant Unit Info	1,263.0	608,516	64.6%	93.4%	70.0%	6,660			4,052,692	24,561,826	4.04	
21	Rodeo PV Solar												
22	Solar		13,020					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	13,020	24.3%	N/A	24.3%	N/A						
24	Sabal Palm PV Solar												
25	Solar		12,510					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	12,510	23.3%	N/A	23.3%	N/A						
27	Sanford 4												
28	Gas		430,546				7,001	2,941,655	1,024,700	3,014,314	19,102,583	4.44	5.63
29	Plant Unit Info	1,139.0	430,546	52.7%	94.1%	56.9%	7,001			3,014,314	19,102,583	4.44	
30	Sanford 5												
31	Gas		409,010				6,961	2,778,585	1,024,700	2,847,216	18,198,821	4.45	5.63
32	Plant Unit Info	1,139.0	409,010	50.1%	80.8%	63.2%	6,961			2,847,216	18,198,821	4.45	
33	Saw Palmetto PV Solar												
34	Solar		15,305					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	15,305	28.5%	N/A	28.5%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Sawgrass PV Solar												
2	Solar		11,850					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	11,850	22.1%	N/A	22.1%	N/A						
4	Scherer 3												
5	Coal		51,243				11,306	34,081	17,000,000	579,377	2,015,167	3.93	59.13
6	Plant Unit Info	215.0	51,243	33.1%	93.7%	35.5%	11,306			579,377	2,015,167	3.93	
7	Shirer Branch PV Solar												
8	Solar		15,262					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	15,262	28.5%	N/A	28.5%	N/A						
10	Smith 3												
11	Gas		301,981				7,026	2,070,538	1,024,700	2,121,680	14,894,927	4.93	5.96
12	Plant Unit Info	644.0	301,981	65.1%	93.9%	70.4%	7,026			2,121,680	14,894,927	4.93	
13	Smith A												
14	Light Oil		0				0	0	0	0	0	0.00	0.00
15	Plant Unit Info	32.0	0	N/A	100.0%	N/A	N/A						
16	Southfork PV Solar												
17	Solar		14,670					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	14,670	27.4%	N/A	27.4%	N/A						
19	Space Coast PV Solar												
20	Solar		1,380					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	10.0	1,380	19.2%	N/A	19.2%	N/A						
22	St. Lucie 1												
23	Nuclear		688,634				10,560	7,271,906	1,000,000	7,271,906	3,340,713	0.49	0.46
24	Plant Unit Info	981.0	688,634	97.5%	97.5%	100.0%	10,560			7,271,906	3,340,713	0.49	
25	St. Lucie 2												
26	Nuclear		589,673				10,496	6,189,033	1,000,000	6,189,033	2,706,464	0.46	0.44
27	Plant Unit Info	840.0	589,673	97.5%	97.5%	100.0%	10,496			6,189,033	2,706,464	0.46	
28	Sundew PV Solar												
29	Solar		12,120					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	12,120	22.6%	N/A	22.6%	N/A						
31	Sunshine Gateway PV Solar												
32	Solar		12,690					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	12,690	23.7%	N/A	23.7%	N/A						
34	Sweetbay PV Solar												
35	Solar		11,370					N/A	N/A	N/A	N/A	N/A	N/A

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	74.5	11,370	21.2%	N/A	21.2%	N/A						
2	Trailside PV Solar												
3	Solar		12,630					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	12,630	23.6%	N/A	23.6%	N/A						
5	Turkey Point 3												
6	Nuclear		587,574				10,818	6,356,611	1,000,000	6,356,611	3,341,035	0.57	0.53
7	Plant Unit Info	837.0	587,574	97.5%	97.5%	100.0%	10,818			6,356,611	3,341,035	0.57	
8	Turkey Point 4												
9	Nuclear		572,738				10,729	6,144,739	1,000,000	6,144,739	3,078,514	0.54	0.50
10	Plant Unit Info	844.0	572,738	94.2%	94.2%	100.0%	10,729			6,144,739	3,078,514	0.54	
11	Turkey Point 5												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		505,696				6,959	3,434,390	1,024,700	3,519,219	20,615,742	4.08	5.26
14	Plant Unit Info	1,276.0	505,696	55.9%	93.9%	60.3%	6,959			3,519,219	20,615,742	4.08	
15	Twin Lakes PV Solar												
16	Solar		13,110					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	13,110	24.4%	N/A	24.4%	N/A						
18	Union Springs PV Solar												
19	Solar		12,600					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	12,600	23.5%	N/A	23.5%	N/A						
21	West County 1												
22	Gas		551,608				6,756	3,637,002	1,024,700	3,726,836	21,451,106	3.89	5.20
23	Plant Unit Info	1,223.0	551,608	62.6%	93.7%	68.3%	6,756			3,726,836	21,451,106	3.89	
24	West County 2												
25	Gas		759,363				6,592	4,885,354	1,024,700	5,006,022	27,939,770	3.68	5.20
26	Plant Unit Info	1,223.0	759,363	86.2%	93.7%	94.2%	6,592			5,006,022	27,939,770	3.68	
27	West County 3												
28	Gas		620,149				6,690	4,048,875	1,024,700	4,148,882	23,591,302	3.80	5.20
29	Plant Unit Info	1,228.0	620,149	70.1%	93.7%	77.4%	6,690			4,148,882	23,591,302	3.80	
30	Wild Azalea PV Solar												
31	Solar		15,355					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	15,355	28.6%	N/A	28.6%	N/A						
33	Wildflower PV Solar												
34	Solar		12,930					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	12,930	24.1%	N/A	24.1%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Willow PV Solar												
2	Solar		12,840					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	12,840	23.9%	N/A	23.9%	N/A						
4	_System Totals												
5	Plant Unit Info	32,249	12,710,064				7,115			90,435,710	438,905,378	3.45	N/A
6													
7													
8													
9													
10													
11													
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FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Oct - 2023												
2	Anhinga PV Solar												
3	Solar		10,602					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	10,602	19.1%	N/A	19.1%	N/A						
5	Apalachee PV Solar												
6	Solar		13,140					N/A	N/A	N/A	N/A	N/A	N/A
7	Plant Unit Info	74.5	13,140	23.7%	N/A	23.7%	N/A						
8	Babcock Preserve PV Solar												
9	Solar		13,950					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	13,950	25.2%	N/A	25.2%	N/A						
11	Babcock Ranch PV Solar												
12	Solar		13,516					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	13,516	24.4%	N/A	24.4%	N/A						
14	Barefoot Bay PV Solar												
15	Solar		13,547					N/A	N/A	N/A	N/A	N/A	N/A
16	Plant Unit Info	74.5	13,547	24.4%	N/A	24.4%	N/A						
17	Blackwater River PV Solar												
18	Solar		12,574					N/A	N/A	N/A	N/A	N/A	N/A
19	Plant Unit Info	74.5	12,574	22.7%	N/A	22.7%	N/A						
20	Blue Cypress PV Solar												
21	Solar		12,834					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	12,834	23.2%	N/A	23.2%	N/A						
23	Blue Heron PV Solar												
24	Solar		13,547					N/A	N/A	N/A	N/A	N/A	N/A
25	Plant Unit Info	74.5	13,547	24.4%	N/A	24.4%	N/A						
26	Blue Indigo PV Solar												
27	Solar		14,446					N/A	N/A	N/A	N/A	N/A	N/A
28	Plant Unit Info	74.5	14,446	26.1%	N/A	26.1%	N/A						
29	Blue Springs PV Solar												
30	Solar		12,524					N/A	N/A	N/A	N/A	N/A	N/A
31	Plant Unit Info	74.5	12,524	22.6%	N/A	22.6%	N/A						
32	Bluefield Preserve PV Solar												
33	Solar		12,086					N/A	N/A	N/A	N/A	N/A	N/A
34	Plant Unit Info	74.5	12,086	21.8%	N/A	21.8%	N/A						
35	Cape Canaveral 3												

FLORIDA POWER & LIGHT COMPANY
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		385,163				6,789	2,551,778	1,024,700	2,614,807	17,039,195	4.42	5.68
2	Plant Unit Info	1,308.0	385,163	39.6%	77.3%	52.0%	6,789			2,614,807	17,039,195	4.42	
3	Cattle Ranch PV Solar												
4	Solar		12,462					N/A	N/A	N/A	N/A	N/A	N/A
5	Plant Unit Info	74.5	12,462	22.5%	N/A	22.5%	N/A						
6	Cavendish PV Solar												
7	Solar		12,616					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	12,616	22.8%	N/A	22.8%	N/A						
9	Chautauqua PV Solar												
10	Solar		14,664					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	14,664	26.5%	N/A	26.5%	N/A						
12	Chipola River PV Solar												
13	Solar		13,175					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	13,175	23.8%	N/A	23.8%	N/A						
15	Citrus PV Solar												
16	Solar		13,578					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	13,578	24.5%	N/A	24.5%	N/A						
18	Coral Farms PV Solar												
19	Solar		13,175					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	13,175	23.8%	N/A	23.8%	N/A						
21	Cotton Creek PV Solar												
22	Solar		13,113					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	13,113	23.7%	N/A	23.7%	N/A						
24	Cypress Pond PV Solar												
25	Solar		14,584					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	14,584	26.3%	N/A	26.3%	N/A						
27	Dania Beach 7												
28	Gas		557,762				6,480	3,527,215	1,024,700	3,614,337	21,263,466	3.81	5.31
29	Plant Unit Info	1,101.0	557,762	68.1%	93.6%	74.2%	6,480			3,614,337	21,263,466	3.81	
30	Daniel 1												
31	Coal		5,878				14,263	4,932	16,999,998	83,836	311,875	5.31	63.24
32	Plant Unit Info	251.0	5,878	3.2%	93.6%	3.4%	14,263			83,836	311,875	5.31	
33	Daniel 2												
34	Coal											N/A	0.00
35	Plant Unit Info	251.0	0	N/A	93.6%	N/A	N/A						

FLORIDA POWER & LIGHT COMPANY
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Desoto PV Solar												
2	Solar		3,720					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	25.0	3,720	20.0%	N/A	20.0%	N/A						
4	Discovery PV Solar												
5	Solar		11,377					N/A	N/A	N/A	N/A	N/A	N/A
6	Plant Unit Info	74.5	11,377	20.5%	N/A	20.5%	N/A						
7	Echo River PV Solar												
8	Solar		14,477					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	14,477	26.1%	N/A	26.1%	N/A						
10	Egret PV Solar												
11	Solar		11,873					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	74.5	11,873	21.4%	N/A	21.4%	N/A						
13	Elder Branch PV Solar												
14	Solar		13,392					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	13,392	24.2%	N/A	24.2%	N/A						
16	Etonia Creek PV Solar												
17	Solar		13,467					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	13,467	24.3%	N/A	24.3%	N/A						
19	Everglades PV Solar												
20	Solar		12,384					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	12,384	22.3%	N/A	22.3%	N/A						
22	First City PV Solar												
23	Solar		12,426					N/A	N/A	N/A	N/A	N/A	N/A
24	Plant Unit Info	74.5	12,426	22.4%	N/A	22.4%	N/A						
25	Flowers Creek PV Solar												
26	Solar		11,762					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	11,762	21.2%	N/A	21.2%	N/A						
28	Fort Drum PV Solar												
29	Solar		11,842					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	11,842	21.4%	N/A	21.4%	N/A						
31	Fort Myers 2												
32	Gas		737,183				7,055	5,075,629	1,024,700	5,200,997	31,349,818	4.25	5.68
33	Plant Unit Info	1,703.0	737,183	58.3%	81.4%	72.5%	7,055			5,200,997	31,349,818	4.25	
34	Fort Myers 3A												
35	Light Oil		514				11,483	1,012	5,830,022	5,898	105,377	20.52	104.16

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		3,285				11,483	36,818	1,024,700	37,727	2,748,802	83.67	5.76
2	Plant Unit Info	166.0	3,799	3.1%	93.7%	3.4%	11,483			43,625	2,854,179	75.13	
3	Fort Myers 3B												
4	Light Oil		461				11,432	904	5,829,998	5,273	94,211	20.43	104.16
5	Gas		5,162				11,432	57,587	1,024,700	59,009	2,871,618	55.63	5.82
6	Plant Unit Info	166.0	5,623	4.6%	93.7%	5.0%	11,432			64,282	2,965,829	52.74	
7	Fort Myers 3C												
8	Light Oil		185				10,585	335	5,830,025	1,953	34,894	18.91	104.16
9	Gas		11,948				10,586	123,422	1,024,700	126,471	3,255,245	27.25	5.82
10	Plant Unit Info	219.0	12,132	7.5%	93.7%	8.1%	10,586			128,424	3,290,138	27.12	
11	Fort Myers 3D												
12	Light Oil		259				10,567	469	5,829,960	2,736	48,883	18.88	104.16
13	Gas		11,556				10,567	119,167	1,024,700	122,110	3,225,945	27.92	5.78
14	Plant Unit Info	219.0	11,815	7.3%	93.7%	7.9%	10,567			124,846	3,274,828	27.72	
15	Fort Myers GT												
16	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
17	GCEC 4												
18	Gas		2,016				13,997	27,537	1,024,700	28,217	2,666,865	132.28	4.73
19	Plant Unit Info	75.0	2,016	3.6%	93.8%	3.9%	13,997			28,217	2,666,865	132.28	
20	GCEC 5												
21	Gas		2,187				13,383	28,563	1,024,700	29,269	2,671,654	122.16	4.72
22	Plant Unit Info	75.0	2,187	3.9%	93.8%	4.2%	13,383			29,269	2,671,654	122.16	
23	GCEC 6												
24	Gas		12,492				12,023	146,570	1,024,700	150,190	3,370,190	26.98	5.69
25	Plant Unit Info	315.0	12,492	5.3%	93.6%	5.7%	12,023			150,190	3,370,190	26.98	
26	GCEC 7												
27	Gas		44,489				11,347	492,650	1,024,700	504,818	5,416,163	12.17	5.84
28	Plant Unit Info	496.0	44,489	12.1%	93.6%	13.0%	11,347			504,818	5,416,163	12.17	
29	GCEC 8A												
30	Gas		14,593				11,599	165,191	1,024,700	169,271	3,503,169	24.01	5.85
31	Plant Unit Info	233.0	14,593	8.4%	93.8%	8.4%	11,599			169,271	3,503,169	24.01	
32	GCEC 8B												
33	Gas		13,637				11,779	156,760	1,024,700	160,632	3,452,915	25.32	5.84
34	Plant Unit Info	233.0	13,637	7.9%	93.8%	7.8%	11,779			160,632	3,452,915	25.32	
35	GCEC 8C												

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		13,254				11,460	148,233	1,024,700	151,894	3,404,404	25.69	5.85
2	Plant Unit Info	228.0	13,254	7.8%	93.8%	7.6%	11,460			151,894	3,404,404	25.69	
3	GCEC 8D												
4	Gas		13,473				11,403	149,936	1,024,700	153,639	3,412,660	25.33	5.84
5	Plant Unit Info	228.0	13,473	7.9%	93.8%	7.7%	11,403			153,639	3,412,660	25.33	
6	Ghost Orchid PV Solar												
7	Solar		12,183					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	12,183	22.0%	N/A	22.0%	N/A						
9	Grove PV Solar												
10	Solar		11,842					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	11,842	21.4%	N/A	21.4%	N/A						
12	Hammock PV Solar												
13	Solar		13,361					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	13,361	24.1%	N/A	24.1%	N/A						
15	Hibiscus PV Solar												
16	Solar		13,020					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	13,020	23.5%	N/A	23.5%	N/A						
18	Horizon PV Solar												
19	Solar		13,330					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	13,330	24.1%	N/A	24.1%	N/A						
21	Immokalee PV Solar												
22	Solar		12,710					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	12,710	22.9%	N/A	22.9%	N/A						
24	Indian River PV Solar												
25	Solar		12,834					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	12,834	23.2%	N/A	23.2%	N/A						
27	Interstate PV Solar												
28	Solar		12,648					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	12,648	22.8%	N/A	22.8%	N/A						
30	Lakeside PV Solar												
31	Solar		12,400					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	12,400	22.4%	N/A	22.4%	N/A						
33	Lauderdale 1-12												
34	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
35	Lauderdale 6A												

FLORIDA POWER & LIGHT COMPANY
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Light Oil		546				11,198	1,050	5,830,007	6,119	112,284	20.55	106.98
2	Gas		4,237				11,198	46,296	1,024,700	47,440	2,782,544	65.68	5.31
3	Plant Unit Info	216.0	4,783	3.0%	93.7%	3.2%	11,198			53,559	2,894,827	60.52	
4	Lauderdale 6B												
5	Light Oil		1,721				11,245	3,319	5,830,004	19,352	355,109	20.64	106.98
6	Gas		5,592				11,245	61,369	1,024,700	62,885	2,862,572	51.19	5.31
7	Plant Unit Info	216.0	7,313	4.6%	93.7%	4.9%	11,245			82,237	3,217,681	44.00	
8	Lauderdale 6C												
9	Light Oil		1,177				11,172	2,256	5,829,994	13,152	241,339	20.50	106.98
10	Gas		2,480				11,172	27,035	1,024,700	27,703	2,680,275	108.09	5.31
11	Plant Unit Info	216.0	3,657	2.3%	93.7%	2.5%	11,172			40,855	2,921,614	79.89	
12	Lauderdale 6D												
13	Light Oil		484				11,041	916	5,830,022	5,341	98,007	20.26	106.98
14	Gas		5,008				11,041	53,965	1,024,700	55,298	2,823,263	56.37	5.31
15	Plant Unit Info	216.0	5,492	3.4%	93.7%	3.7%	11,041			60,639	2,921,270	53.19	
16	Lauderdale 6E												
17	Light Oil		605				11,386	1,181	5,829,976	6,888	126,395	20.89	106.98
18	Gas		3,701				11,386	41,125	1,024,700	42,141	2,755,085	74.44	5.31
19	Plant Unit Info	216.0	4,306	2.7%	93.7%	2.9%	11,386			49,029	2,881,480	66.92	
20	Loggerhead PV Solar												
21	Solar		12,896					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	12,896	23.3%	N/A	23.3%	N/A						
23	Magnolia Springs PV Solar												
24	Solar		11,904					N/A	N/A	N/A	N/A	N/A	N/A
25	Plant Unit Info	74.5	11,904	21.5%	N/A	21.5%	N/A						
26	Manatee 1												
27	Plant Unit Info	0	0	N/A	100.0%	N/A	N/A						
28	Manatee 2												
29	Plant Unit Info	0	0	N/A	100.0%	N/A	N/A						
30	Manatee 3												
31	Gas		640,813				6,820	4,264,927	1,024,700	4,370,271	24,805,506	3.87	5.22
32	Plant Unit Info	1,231.5	640,813	70.4%	93.9%	76.2%	6,820			4,370,271	24,805,506	3.87	
33	Manatee PV Solar												
34	Solar		14,012					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	14,012	25.3%	N/A	25.3%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Martin 3												
2	Gas		148,267				7,492	1,084,051	1,024,700	1,110,827	8,319,740	5.61	5.33
3	Plant Unit Info	459.0	148,267	43.4%	93.9%	46.7%	7,492			1,110,827	8,319,740	5.61	
4	Martin 4												
5	Gas		196,540				7,357	1,411,073	1,024,700	1,445,927	10,039,971	5.11	5.32
6	Plant Unit Info	459.0	196,540	57.6%	93.9%	61.9%	7,357			1,445,927	10,039,971	5.11	
7	Martin 8												
8	Gas		280,300				6,887	1,883,851	1,024,700	1,930,382	12,643,754	4.51	5.37
9	Plant Unit Info	1,227.0	280,300	30.9%	38.7%	82.4%	6,887			1,930,382	12,643,754	4.51	
10	Martin 8 Solar												
11	Solar		4,116					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	75.0	4,116	10.1%	41.5%	24.2%	N/A						
13	Miami-Dade PV Solar												
14	Solar		12,896					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	12,896	23.3%	N/A	23.3%	N/A						
16	Nassau PV Solar												
17	Solar		11,346					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	11,346	20.5%	N/A	20.5%	N/A						
19	Northern Preserve PV Solar												
20	Solar		11,129					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	11,129	20.1%	N/A	20.1%	N/A						
22	Okeechobee 1												
23	Gas		1,013,119				6,298	6,227,197	1,024,700	6,381,009	37,564,700	3.71	5.62
24	Plant Unit Info	1,570.0	1,013,119	86.7%	93.0%	95.6%	6,298			6,381,009	37,564,700	3.71	
25	Okeechobee PV Solar												
26	Solar		13,144					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	13,144	23.7%	N/A	23.7%	N/A						
28	Orange Blossom PV Solar												
29	Solar		12,369					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	12,369	22.3%	N/A	22.3%	N/A						
31	Palm Bay PV Solar												
32	Solar		12,462					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	12,462	22.5%	N/A	22.5%	N/A						
34	Pea Ridge												
35	Gas		0					0	0	0	0	0.00	0.00

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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	12.0	0	N/A	N/A	N/A	N/A						
2	Pelican PV Solar												
3	Solar		12,369					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	12,369	22.3%	N/A	22.3%	N/A						
5	Perdido												
6	Gas		1,897				10,501	19,441	1,024,700	19,921	2,611,209	137.65	3.83
7	Plant Unit Info	3.0	1,897	N/A	N/A	N/A	10,501			19,921	2,611,209	137.65	
8	Pink Trail PV Solar												
9	Solar		12,046					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	12,046	21.7%	N/A	21.7%	N/A						
11	Pioneer Trail PV Solar												
12	Solar		12,555					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	12,555	22.7%	N/A	22.7%	N/A						
14	Port Everglades 5												
15	Light Oil		0				0	0	0	0	0	0.00	0.00
16	Gas		766,970				6,389	4,782,272	1,024,700	4,900,394	27,925,446	3.64	5.31
17	Plant Unit Info	1,179.0	766,970	82.2%	93.0%	90.0%	6,389			4,900,394	27,925,446	3.64	
18	Riviera 5												
19	Gas		567,152				6,684	3,699,578	1,024,700	3,790,958	23,328,609	4.11	5.62
20	Plant Unit Info	1,263.0	567,152	58.3%	91.3%	64.6%	6,684			3,790,958	23,328,609	4.11	
21	Rodeo PV Solar												
22	Solar		12,803					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	12,803	23.1%	N/A	23.1%	N/A						
24	Sabal Palm PV Solar												
25	Solar		12,493					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	12,493	22.5%	N/A	22.5%	N/A						
27	Sanford 4												
28	Gas		364,908				7,031	2,503,678	1,024,700	2,565,519	16,911,205	4.63	5.74
29	Plant Unit Info	1,139.0	364,908	43.2%	94.1%	46.6%	7,031			2,565,519	16,911,205	4.63	
30	Sanford 5												
31	Gas		424,538				6,992	2,896,960	1,024,700	2,968,515	18,976,036	4.47	5.67
32	Plant Unit Info	1,143.0	424,538	50.3%	86.0%	59.5%	6,992			2,968,515	18,976,036	4.47	
33	Saw Palmetto PV Solar												
34	Solar		14,783					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	14,783	26.7%	N/A	26.7%	N/A						

FLORIDA POWER & LIGHT COMPANY
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Sawgrass PV Solar												
2	Solar		12,059					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	12,059	21.8%	N/A	21.8%	N/A						
4	Scherer 3												
5	Coal		45,479				11,311	30,260	17,000,002	514,426	1,793,257	3.94	59.26
6	Plant Unit Info	215.0	45,479	28.4%	93.7%	30.5%	11,311			514,426	1,793,257	3.94	
7	Shirer Branch PV Solar												
8	Solar		14,757					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	14,757	26.6%	N/A	26.6%	N/A						
10	Smith 3												
11	Gas		304,054				7,041	2,089,100	1,024,700	2,140,701	15,067,964	4.96	6.00
12	Plant Unit Info	644.0	304,054	63.5%	93.9%	68.6%	7,041			2,140,701	15,067,964	4.96	
13	Smith A												
14	Light Oil		0				0	0	0	0	0	0.00	0.00
15	Plant Unit Info	32.0	0	N/A	100.0%	N/A	N/A						
16	Southfork PV Solar												
17	Solar		14,694					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	14,694	26.5%	N/A	26.5%	N/A						
19	Space Coast PV Solar												
20	Solar		1,426					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	10.0	1,426	19.2%	N/A	19.2%	N/A						
22	St. Lucie 1												
23	Nuclear		711,588				10,560	7,514,303	1,000,000	7,514,303	3,452,822	0.49	0.46
24	Plant Unit Info	981.0	711,588	97.5%	97.5%	100.0%	10,560			7,514,303	3,452,822	0.49	
25	St. Lucie 2												
26	Nuclear		609,329				10,496	6,395,334	1,000,000	6,395,334	2,796,680	0.46	0.44
27	Plant Unit Info	840.0	609,329	97.5%	97.5%	100.0%	10,496			6,395,334	2,796,680	0.46	
28	Sundew PV Solar												
29	Solar		11,966					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	11,966	21.6%	N/A	21.6%	N/A						
31	Sunshine Gateway PV Solar												
32	Solar		13,051					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	13,051	23.6%	N/A	23.6%	N/A						
34	Sweetbay PV Solar												
35	Solar		11,439					N/A	N/A	N/A	N/A	N/A	N/A

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	74.5	11,439	20.6%	N/A	20.6%	N/A						
2	Trailside PV Solar												
3	Solar		11,780					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	11,780	21.3%	N/A	21.3%	N/A						
5	Turkey Point 3												
6	Nuclear		607,160				10,818	6,568,498	1,000,000	6,568,498	3,452,402	0.57	0.53
7	Plant Unit Info	837.0	607,160	97.5%	97.5%	100.0%	10,818			6,568,498	3,452,402	0.57	
8	Turkey Point 4												
9	Nuclear											N/A	0.00
10	Plant Unit Info	844.0	0	N/A	N/A	N/A	N/A						
11	Turkey Point 5												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		382,181				7,083	2,641,603	1,024,700	2,706,851	16,561,133	4.33	5.31
14	Plant Unit Info	1,280.0	382,181	40.9%	93.9%	44.1%	7,083			2,706,851	16,561,133	4.33	
15	Twin Lakes PV Solar												
16	Solar		12,617					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	12,617	22.8%	N/A	22.8%	N/A						
18	Union Springs PV Solar												
19	Solar		12,059					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	12,059	21.8%	N/A	21.8%	N/A						
21	West County 1												
22	Gas		609,499				6,719	3,996,301	1,024,700	4,095,010	23,403,176	3.84	5.22
23	Plant Unit Info	1,223.0	609,499	67.0%	93.7%	73.0%	6,719			4,095,010	23,403,176	3.84	
24	West County 2												
25	Gas		797,705				6,579	5,121,567	1,024,700	5,248,070	29,277,588	3.67	5.22
26	Plant Unit Info	1,223.0	797,705	87.7%	93.7%	95.7%	6,579			5,248,070	29,277,588	3.67	
27	West County 3												
28	Gas		682,954				6,652	4,433,327	1,024,700	4,542,830	25,683,888	3.76	5.22
29	Plant Unit Info	1,228.0	682,954	74.8%	93.7%	82.5%	6,652			4,542,830	25,683,888	3.76	
30	Wild Azalea PV Solar												
31	Solar		14,558					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	14,558	26.3%	N/A	26.3%	N/A						
33	Wildflower PV Solar												
34	Solar		13,547					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	13,547	24.4%	N/A	24.4%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Willow PV Solar												
2	Solar		12,679					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	12,679	22.9%	N/A	22.9%	N/A						
4	_System Totals												
5	Plant Unit Info	32,258	11,846,636				6,983			82,719,150	429,699,306	3.63	N/A
6													
7													
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FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Nov - 2023												
2	Anhinga PV Solar												
3	Solar		8,318					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	8,318	15.5%	N/A	15.5%	N/A						
5	Apalachee PV Solar												
6	Solar		10,270					N/A	N/A	N/A	N/A	N/A	N/A
7	Plant Unit Info	74.5	10,270	19.2%	N/A	19.2%	N/A						
8	Babcock Preserve PV Solar												
9	Solar		12,720					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	12,720	23.7%	N/A	23.7%	N/A						
11	Babcock Ranch PV Solar												
12	Solar		12,150					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	12,150	22.7%	N/A	22.7%	N/A						
14	Barefoot Bay PV Solar												
15	Solar		11,880					N/A	N/A	N/A	N/A	N/A	N/A
16	Plant Unit Info	74.5	11,880	22.2%	N/A	22.2%	N/A						
17	Blackwater River PV Solar												
18	Solar		10,527					N/A	N/A	N/A	N/A	N/A	N/A
19	Plant Unit Info	74.5	10,527	19.6%	N/A	19.6%	N/A						
20	Blue Cypress PV Solar												
21	Solar		11,340					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	11,340	21.1%	N/A	21.1%	N/A						
23	Blue Heron PV Solar												
24	Solar		12,630					N/A	N/A	N/A	N/A	N/A	N/A
25	Plant Unit Info	74.5	12,630	23.6%	N/A	23.6%	N/A						
26	Blue Indigo PV Solar												
27	Solar		11,250					N/A	N/A	N/A	N/A	N/A	N/A
28	Plant Unit Info	74.5	11,250	21.0%	N/A	21.0%	N/A						
29	Blue Springs PV Solar												
30	Solar		9,810					N/A	N/A	N/A	N/A	N/A	N/A
31	Plant Unit Info	74.5	9,810	18.3%	N/A	18.3%	N/A						
32	Bluefield Preserve PV Solar												
33	Solar		10,901					N/A	N/A	N/A	N/A	N/A	N/A
34	Plant Unit Info	74.5	10,901	20.3%	N/A	20.3%	N/A						
35	Cape Canaveral 3												

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
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ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		419,452				6,711	2,747,190	1,024,700	2,815,046	17,962,755	4.28	5.56
2	Plant Unit Info	1,326.0	419,452	43.9%	93.4%	47.6%	6,711			2,815,046	17,962,755	4.28	
3	Cattle Ranch PV Solar												
4	Solar		10,410					N/A	N/A	N/A	N/A	N/A	N/A
5	Plant Unit Info	74.5	10,410	19.4%	N/A	19.4%	N/A						
6	Cavendish PV Solar												
7	Solar		10,362					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	10,362	19.3%	N/A	19.3%	N/A						
9	Chautauqua PV Solar												
10	Solar		11,376					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	11,376	21.2%	N/A	21.2%	N/A						
12	Chipola River PV Solar												
13	Solar		10,384					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	10,384	19.4%	N/A	19.4%	N/A						
15	Citrus PV Solar												
16	Solar		12,030					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	12,030	22.4%	N/A	22.4%	N/A						
18	Coral Farms PV Solar												
19	Solar		11,670					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	11,670	21.8%	N/A	21.8%	N/A						
21	Cotton Creek PV Solar												
22	Solar		10,860					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	10,860	20.3%	N/A	20.3%	N/A						
24	Cypress Pond PV Solar												
25	Solar		11,306					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	11,306	21.1%	N/A	21.1%	N/A						
27	Dania Beach 7												
28	Gas		562,873				6,435	3,534,755	1,024,700	3,622,063	21,721,090	3.86	5.39
29	Plant Unit Info	1,136.0	562,873	68.8%	93.6%	75.0%	6,435			3,622,063	21,721,090	3.86	
30	Daniel 1												
31	Coal		7,152				15,468	6,508	16,999,998	110,628	411,534	5.75	63.24
32	Plant Unit Info	251.0	7,152	4.0%	93.6%	4.2%	15,468			110,628	411,534	5.75	
33	Daniel 2												
34	Coal											N/A	0.00
35	Plant Unit Info	251.0	0	N/A	93.6%	N/A	N/A						

FLORIDA POWER & LIGHT COMPANY
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ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Desoto PV Solar												
2	Solar		3,180					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	25.0	3,180	17.7%	N/A	17.7%	N/A						
4	Discovery PV Solar												
5	Solar		9,510					N/A	N/A	N/A	N/A	N/A	N/A
6	Plant Unit Info	74.5	9,510	17.7%	N/A	17.7%	N/A						
7	Echo River PV Solar												
8	Solar		11,790					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	11,790	22.0%	N/A	22.0%	N/A						
10	Egret PV Solar												
11	Solar		9,480					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	74.5	9,480	17.7%	N/A	17.7%	N/A						
13	Elder Branch PV Solar												
14	Solar		11,280					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	11,280	21.0%	N/A	21.0%	N/A						
16	Etonia Creek PV Solar												
17	Solar		10,768					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	10,768	20.1%	N/A	20.1%	N/A						
19	Everglades PV Solar												
20	Solar		11,237					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	11,237	21.0%	N/A	21.0%	N/A						
22	First City PV Solar												
23	Solar		10,222					N/A	N/A	N/A	N/A	N/A	N/A
24	Plant Unit Info	74.5	10,222	19.1%	N/A	19.1%	N/A						
25	Flowers Creek PV Solar												
26	Solar		9,112					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	9,112	17.0%	N/A	17.0%	N/A						
28	Fort Drum PV Solar												
29	Solar		10,230					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	10,230	19.1%	N/A	19.1%	N/A						
31	Fort Myers 2												
32	Gas		722,447				7,042	4,964,908	1,024,700	5,087,541	30,221,990	4.18	5.55
33	Plant Unit Info	1,744.0	722,447	57.7%	84.9%	68.8%	7,042			5,087,541	30,221,990	4.18	
34	Fort Myers 3A												
35	Light Oil		0				0	0	0	0	0	0.00	0.00

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		1,743				10,865	18,482	1,024,700	18,938	2,789,567	160.04	5.87
2	Plant Unit Info	193.0	1,743	1.3%	93.7%	1.4%	10,865			18,938	2,789,567	160.04	
3	Fort Myers 3B												
4	Light Oil		0				0	0	0	0	0	0.00	0.00
5	Gas		2,615				10,863	27,722	1,024,700	28,407	2,844,805	108.79	5.91
6	Plant Unit Info	193.0	2,615	1.9%	93.7%	2.1%	10,863			28,407	2,844,805	108.79	
7	Fort Myers 3C												
8	Light Oil		313				10,698	574	5,829,995	3,347	59,800	19.11	104.16
9	Gas		3,681				10,698	38,433	1,024,700	39,382	2,905,976	78.94	5.85
10	Plant Unit Info	221.0	3,994	2.5%	93.7%	2.7%	10,698			42,729	2,965,775	74.26	
11	Fort Myers 3D												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		4,065				10,576	41,956	1,024,700	42,992	2,926,863	72.00	5.86
14	Plant Unit Info	221.0	4,065	2.6%	93.7%	2.8%	10,576			42,992	2,926,863	72.00	
15	Fort Myers GT												
16	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
17	GCEC 4												
18	Gas		0					0	0	0	0	0.00	0.00
19	Plant Unit Info	75.0	0	N/A	93.8%	N/A	N/A						
20	GCEC 5												
21	Gas		0					0	0	0	0	0.00	0.00
22	Plant Unit Info	75.0	0	N/A	93.8%	N/A	N/A						
23	GCEC 6												
24	Gas		0					0	0	0	0	0.00	0.00
25	Plant Unit Info	315.0	0	N/A	93.6%	N/A	N/A						
26	GCEC 7												
27	Gas		17,780				11,236	194,963	1,024,700	199,779	3,819,594	21.48	5.84
28	Plant Unit Info	496.0	17,780	5.0%	93.6%	5.4%	11,236			199,779	3,819,594	21.48	
29	GCEC 8A												
30	Gas		8,680				12,150	102,919	1,024,700	105,461	3,282,510	37.82	5.84
31	Plant Unit Info	224.0	8,680	5.4%	93.8%	5.1%	12,150			105,461	3,282,510	37.82	
32	GCEC 8B												
33	Gas		8,429				12,217	100,495	1,024,700	102,977	3,268,236	38.77	5.84
34	Plant Unit Info	224.0	8,429	5.2%	93.8%	5.0%	12,217			102,977	3,268,236	38.77	
35	GCEC 8C												

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		3,476				11,136	37,774	1,024,700	38,707	2,902,275	83.49	5.86
2	Plant Unit Info	220.0	3,476	2.2%	93.8%	2.1%	11,136			38,707	2,902,275	83.49	
3	GCEC 8D												
4	Gas		3,956				11,469	44,279	1,024,700	45,373	2,938,125	74.27	5.81
5	Plant Unit Info	220.0	3,956	2.5%	93.8%	2.4%	11,469			45,373	2,938,125	74.27	
6	Ghost Orchid PV Solar												
7	Solar		11,040					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	11,040	20.6%	N/A	20.6%	N/A						
9	Grove PV Solar												
10	Solar		10,470					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	10,470	19.5%	N/A	19.5%	N/A						
12	Hammock PV Solar												
13	Solar		12,120					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	12,120	22.6%	N/A	22.6%	N/A						
15	Hibiscus PV Solar												
16	Solar		11,820					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	11,820	22.0%	N/A	22.0%	N/A						
18	Horizon PV Solar												
19	Solar		11,760					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	11,760	21.9%	N/A	21.9%	N/A						
21	Immokalee PV Solar												
22	Solar		11,640					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	11,640	21.7%	N/A	21.7%	N/A						
24	Indian River PV Solar												
25	Solar		11,340					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	11,340	21.1%	N/A	21.1%	N/A						
27	Interstate PV Solar												
28	Solar		11,100					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	11,100	20.7%	N/A	20.7%	N/A						
30	Lakeside PV Solar												
31	Solar		10,710					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	10,710	20.0%	N/A	20.0%	N/A						
33	Lauderdale 1-12												
34	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
35	Lauderdale 6A												

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Light Oil		0				0	0	0	0	0	0.00	0.00
2	Gas		894				11,200	9,772	1,024,700	10,013	2,733,701	305.78	5.39
3	Plant Unit Info	218.0	894	0.6%	93.7%	0.6%	11,200			10,013	2,733,701	305.78	
4	Lauderdale 6B												
5	Light Oil		0				0	0	0	0	0	0.00	0.00
6	Gas		894				11,200	9,772	1,024,700	10,013	2,733,701	305.78	5.39
7	Plant Unit Info	218.0	894	0.6%	93.7%	0.6%	11,200			10,013	2,733,701	305.78	
8	Lauderdale 6C												
9	Light Oil		52				10,902	97	5,829,968	563	10,331	20.01	106.98
10	Gas		1,848				10,902	19,664	1,024,700	20,150	2,786,998	150.78	5.39
11	Plant Unit Info	218.0	1,900	1.2%	93.7%	1.3%	10,902			20,713	2,797,329	147.23	
12	Lauderdale 6D												
13	Light Oil		0				0	0	0	0	0	0.00	0.00
14	Gas		0					0	0	0	0	0.00	0.00
15	Plant Unit Info	218.0	0	N/A	93.7%	N/A	N/A						
16	Lauderdale 6E												
17	Light Oil		0				0	0	0	0	0	0.00	0.00
18	Gas		947				10,907	10,080	1,024,700	10,329	2,735,360	288.84	5.39
19	Plant Unit Info	218.0	947	0.6%	93.7%	0.7%	10,907			10,329	2,735,360	288.84	
20	Loggerhead PV Solar												
21	Solar		11,580					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	11,580	21.6%	N/A	21.6%	N/A						
23	Magnolia Springs PV Solar												
24	Solar		9,420					N/A	N/A	N/A	N/A	N/A	N/A
25	Plant Unit Info	74.5	9,420	17.6%	N/A	17.6%	N/A						
26	Manatee 1												
27	Plant Unit Info	797.0	0	N/A	100.0%	N/A	N/A						
28	Manatee 2												
29	Plant Unit Info	797.0	0	N/A	100.0%	N/A	N/A						
30	Manatee 3												
31	Gas		255,341				6,774	1,688,073	1,024,700	1,729,768	12,083,799	4.73	5.57
32	Plant Unit Info	1,265.0	255,341	28.3%	33.9%	86.6%	6,774			1,729,768	12,083,799	4.73	
33	Manatee PV Solar												
34	Solar		12,450					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	12,450	23.2%	N/A	23.2%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Martin 3												
2	Gas		38,565				7,739	291,272	1,024,700	298,466	4,322,695	11.21	5.64
3	Plant Unit Info	487.0	38,565	11.0%	93.9%	11.8%	7,739			298,466	4,322,695	11.21	
4	Martin 4												
5	Gas		35,880				7,939	277,978	1,024,700	284,844	4,248,019	11.84	5.64
6	Plant Unit Info	487.0	35,880	10.2%	93.9%	11.0%	7,939			284,844	4,248,019	11.84	
7	Martin 8												
8	Gas		344,659				6,890	2,317,512	1,024,700	2,374,755	15,613,632	4.53	5.58
9	Plant Unit Info	1,276.0	344,659	38.1%	53.5%	72.5%	6,890			2,374,755	15,613,632	4.53	
10	Martin 8 Solar												
11	Solar		3,906					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	75.0	3,906	9.9%	56.4%	17.5%	N/A						
13	Miami-Dade PV Solar												
14	Solar		12,120					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	12,120	22.6%	N/A	22.6%	N/A						
16	Nassau PV Solar												
17	Solar		9,000					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	9,000	16.8%	N/A	16.8%	N/A						
19	Northern Preserve PV Solar												
20	Solar		9,720					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	9,720	18.1%	N/A	18.1%	N/A						
22	Okeechobee 1												
23	Gas		712,953				6,405	4,456,526	1,024,700	4,566,602	29,260,368	4.10	5.96
24	Plant Unit Info	1,607.0	712,953	61.6%	93.0%	67.9%	6,405			4,566,602	29,260,368	4.10	
25	Okeechobee PV Solar												
26	Solar		11,640					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	11,640	21.7%	N/A	21.7%	N/A						
28	Orange Blossom PV Solar												
29	Solar		10,590					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	10,590	19.7%	N/A	19.7%	N/A						
31	Palm Bay PV Solar												
32	Solar		10,590					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	10,590	19.7%	N/A	19.7%	N/A						
34	Pea Ridge												
35	Gas		0					0	0	0	0	0.00	0.00

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	13.5	0	N/A	N/A	N/A	N/A						
2	Pelican PV Solar												
3	Solar		10,590					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	10,590	19.7%	N/A	19.7%	N/A						
5	Perdido												
6	Gas		1,836				10,500	18,813	1,024,700	19,278	2,753,135	149.95	3.83
7	Plant Unit Info	3.0	1,836	N/A	N/A	N/A	10,500			19,278	2,753,135	149.95	
8	Pink Trail PV Solar												
9	Solar		10,601					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	10,601	19.8%	N/A	19.8%	N/A						
11	Pioneer Trail PV Solar												
12	Solar		11,220					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	11,220	20.9%	N/A	20.9%	N/A						
14	Port Everglades 5												
15	Light Oil		0				0	0	0	0	0	0.00	0.00
16	Gas		638,887				6,417	4,001,048	1,024,700	4,099,874	24,231,142	3.79	5.39
17	Plant Unit Info	1,208.0	638,887	69.2%	75.2%	94.0%	6,417			4,099,874	24,231,142	3.79	
18	Riviera 5												
19	Gas		338,030				6,730	2,220,251	1,024,700	2,275,091	15,889,529	4.70	5.95
20	Plant Unit Info	1,281.0	338,030	35.4%	60.1%	60.0%	6,730			2,275,091	15,889,529	4.70	
21	Rodeo PV Solar												
22	Solar		10,650					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	10,650	19.9%	N/A	19.9%	N/A						
24	Sabal Palm PV Solar												
25	Solar		10,980					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	10,980	20.5%	N/A	20.5%	N/A						
27	Sanford 4												
28	Gas		155,940				7,188	1,093,910	1,024,700	1,120,930	8,859,790	5.68	5.65
29	Plant Unit Info	1,190.0	155,940	18.4%	94.1%	19.8%	7,188			1,120,930	8,859,790	5.68	
30	Sanford 5												
31	Gas		407,388				6,971	2,771,496	1,024,700	2,839,952	18,069,827	4.44	5.55
32	Plant Unit Info	1,188.0	407,388	48.0%	94.1%	51.8%	6,971			2,839,952	18,069,827	4.44	
33	Saw Palmetto PV Solar												
34	Solar		11,678					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	11,678	21.8%	N/A	21.8%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Sawgrass PV Solar												
2	Solar		10,950					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	10,950	20.4%	N/A	20.4%	N/A						
4	Scherer 3												
5	Coal		45,077				11,716	31,066	17,000,001	528,121	1,844,232	4.09	59.37
6	Plant Unit Info	215.0	45,077	29.1%	93.7%	31.2%	11,716			528,121	1,844,232	4.09	
7	Shirer Branch PV Solar												
8	Solar		11,659					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	11,659	21.7%	N/A	21.7%	N/A						
10	Smith 3												
11	Gas		173,187				7,029	1,187,945	1,024,700	1,217,287	9,786,845	5.65	5.98
12	Plant Unit Info	634.0	173,187	37.9%	48.9%	79.8%	7,029			1,217,287	9,786,845	5.65	
13	Smith A												
14	Light Oil		0				0	0	0	0	0	0.00	0.00
15	Plant Unit Info	36.0	0	N/A	100.0%	N/A	N/A						
16	Southfork PV Solar												
17	Solar		12,150					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	12,150	22.7%	N/A	22.7%	N/A						
19	Space Coast PV Solar												
20	Solar		1,260					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	10.0	1,260	17.5%	N/A	17.5%	N/A						
22	St. Lucie 1												
23	Nuclear		704,107				10,328	7,272,230	1,000,000	7,272,230	3,341,590	0.47	0.46
24	Plant Unit Info	1,003.0	704,107	97.5%	97.5%	100.0%	10,328			7,272,230	3,341,590	0.47	
25	St. Lucie 2												
26	Nuclear		603,745				10,257	6,192,435	1,000,000	6,192,435	2,707,952	0.45	0.44
27	Plant Unit Info	860.0	603,745	97.5%	97.5%	100.0%	10,257			6,192,435	2,707,952	0.45	
28	Sundew PV Solar												
29	Solar		10,560					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	10,560	19.7%	N/A	19.7%	N/A						
31	Sunshine Gateway PV Solar												
32	Solar		11,340					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	11,340	21.1%	N/A	21.1%	N/A						
34	Sweetbay PV Solar												
35	Solar		10,080					N/A	N/A	N/A	N/A	N/A	N/A

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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	74.5	10,080	18.8%	N/A	18.8%	N/A						
2	Trailside PV Solar												
3	Solar		9,360					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	9,360	17.5%	N/A	17.5%	N/A						
5	Turkey Point 3												
6	Nuclear		603,018				10,541	6,356,594	1,000,000	6,356,594	3,341,026	0.55	0.53
7	Plant Unit Info	859.0	603,018	97.5%	97.5%	100.0%	10,541			6,356,594	3,341,026	0.55	
8	Turkey Point 4												
9	Nuclear		486,346				10,456	5,085,278	1,000,000	5,085,278	2,759,272	0.57	0.54
10	Plant Unit Info	866.0	486,346	77.5%	77.5%	100.0%	10,456			5,085,278	2,759,272	0.57	
11	Turkey Point 5												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		155,024				7,440	1,125,532	1,024,700	1,153,333	8,742,086	5.64	5.39
14	Plant Unit Info	1,310.0	155,024	16.6%	93.9%	17.9%	7,440			1,153,333	8,742,086	5.64	
15	Twin Lakes PV Solar												
16	Solar		10,020					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	10,020	18.7%	N/A	18.7%	N/A						
18	Union Springs PV Solar												
19	Solar		9,540					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	9,540	17.8%	N/A	17.8%	N/A						
21	West County 1												
22	Gas		593,357				6,682	3,869,057	1,024,700	3,964,623	24,257,012	4.09	5.58
23	Plant Unit Info	1,248.0	593,357	66.0%	93.7%	71.9%	6,682			3,964,623	24,257,012	4.09	
24	West County 2												
25	Gas		693,287				6,612	4,473,746	1,024,700	4,584,248	27,624,768	3.98	5.58
26	Plant Unit Info	1,248.0	693,287	77.2%	89.3%	88.5%	6,612			4,584,248	27,624,768	3.98	
27	West County 3												
28	Gas		651,294				6,650	4,226,662	1,024,700	4,331,061	26,246,028	4.03	5.58
29	Plant Unit Info	1,254.0	651,294	72.1%	93.7%	79.7%	6,650			4,331,061	26,246,028	4.03	
30	Wild Azalea PV Solar												
31	Solar		11,482					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	11,482	21.4%	N/A	21.4%	N/A						
33	Wildflower PV Solar												
34	Solar		12,000					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	12,000	22.4%	N/A	22.4%	N/A						

FLORIDA POWER & LIGHT COMPANY
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Willow PV Solar												
2	Solar		10,590					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	10,590	19.7%	N/A	19.7%	N/A						
4	_System Totals												
5	Plant Unit Info	34,486	10,115,948				7,177			72,606,479	355,037,954	3.51	N/A
6													
7													
8													
9													
10													
11													
12													
13													
14													
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SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Dec - 2023												
2	Anhinga PV Solar												
3	Solar		7,076					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	7,076	12.8%	N/A	12.8%	N/A						
5	Apalachee PV Solar												
6	Solar		8,077					N/A	N/A	N/A	N/A	N/A	N/A
7	Plant Unit Info	74.5	8,077	14.6%	N/A	14.6%	N/A						
8	Babcock Preserve PV Solar												
9	Solar		12,059					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	12,059	21.8%	N/A	21.8%	N/A						
11	Babcock Ranch PV Solar												
12	Solar		11,408					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	11,408	20.6%	N/A	20.6%	N/A						
14	Barefoot Bay PV Solar												
15	Solar		11,160					N/A	N/A	N/A	N/A	N/A	N/A
16	Plant Unit Info	74.5	11,160	20.1%	N/A	20.1%	N/A						
17	Blackwater River PV Solar												
18	Solar		8,583					N/A	N/A	N/A	N/A	N/A	N/A
19	Plant Unit Info	74.5	8,583	15.5%	N/A	15.5%	N/A						
20	Blue Cypress PV Solar												
21	Solar		10,881					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	10,881	19.6%	N/A	19.6%	N/A						
23	Blue Heron PV Solar												
24	Solar		12,090					N/A	N/A	N/A	N/A	N/A	N/A
25	Plant Unit Info	74.5	12,090	21.8%	N/A	21.8%	N/A						
26	Blue Indigo PV Solar												
27	Solar		8,928					N/A	N/A	N/A	N/A	N/A	N/A
28	Plant Unit Info	74.5	8,928	16.1%	N/A	16.1%	N/A						
29	Blue Springs PV Solar												
30	Solar		7,781					N/A	N/A	N/A	N/A	N/A	N/A
31	Plant Unit Info	74.5	7,781	14.0%	N/A	14.0%	N/A						
32	Bluefield Preserve PV Solar												
33	Solar		10,157					N/A	N/A	N/A	N/A	N/A	N/A
34	Plant Unit Info	74.5	10,157	18.3%	N/A	18.3%	N/A						
35	Cape Canaveral 3												

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
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SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		362,786				6,764	2,394,602	1,024,700	2,453,749	17,732,111	4.89	5.83
2	Plant Unit Info	1,326.0	362,786	36.8%	93.4%	39.8%	6,764			2,453,749	17,732,111	4.89	
3	Cattle Ranch PV Solar												
4	Solar		9,145					N/A	N/A	N/A	N/A	N/A	N/A
5	Plant Unit Info	74.5	9,145	16.5%	N/A	16.5%	N/A						
6	Cavendish PV Solar												
7	Solar		9,105					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	9,105	16.4%	N/A	16.4%	N/A						
9	Chautauqua PV Solar												
10	Solar		9,091					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	9,091	16.4%	N/A	16.4%	N/A						
12	Chipola River PV Solar												
13	Solar		8,195					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	8,195	14.8%	N/A	14.8%	N/A						
15	Citrus PV Solar												
16	Solar		11,129					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	11,129	20.1%	N/A	20.1%	N/A						
18	Coral Farms PV Solar												
19	Solar		10,664					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	10,664	19.2%	N/A	19.2%	N/A						
21	Cotton Creek PV Solar												
22	Solar		8,835					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	8,835	15.9%	N/A	15.9%	N/A						
24	Cypress Pond PV Solar												
25	Solar		9,056					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	9,056	16.3%	N/A	16.3%	N/A						
27	Dania Beach 7												
28	Gas		571,174				6,432	3,585,263	1,024,700	3,673,819	24,092,540	4.22	5.67
29	Plant Unit Info	1,136.0	571,174	67.6%	93.6%	73.6%	6,432			3,673,819	24,092,540	4.22	
30	Daniel 1												
31	Coal											N/A	0.00
32	Plant Unit Info	251.0	0	N/A	93.6%	N/A	N/A						
33	Daniel 2												
34	Coal											N/A	0.00
35	Plant Unit Info	251.0	0	N/A	93.6%	N/A	N/A						

FLORIDA POWER & LIGHT COMPANY
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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Desoto PV Solar												
2	Solar		2,790					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	25.0	2,790	15.0%	N/A	15.0%	N/A						
4	Discovery PV Solar												
5	Solar		8,618					N/A	N/A	N/A	N/A	N/A	N/A
6	Plant Unit Info	74.5	8,618	15.6%	N/A	15.6%	N/A						
7	Echo River PV Solar												
8	Solar		9,734					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	9,734	17.6%	N/A	17.6%	N/A						
10	Egret PV Solar												
11	Solar		7,936					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	74.5	7,936	14.3%	N/A	14.3%	N/A						
13	Elder Branch PV Solar												
14	Solar		9,579					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	9,579	17.3%	N/A	17.3%	N/A						
16	Etonia Creek PV Solar												
17	Solar		9,327					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	9,327	16.8%	N/A	16.8%	N/A						
19	Everglades PV Solar												
20	Solar		10,749					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	10,749	19.4%	N/A	19.4%	N/A						
22	First City PV Solar												
23	Solar		8,291					N/A	N/A	N/A	N/A	N/A	N/A
24	Plant Unit Info	74.5	8,291	15.0%	N/A	15.0%	N/A						
25	Flowers Creek PV Solar												
26	Solar		7,224					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	7,224	13.0%	N/A	13.0%	N/A						
28	Fort Drum PV Solar												
29	Solar		9,393					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	9,393	17.0%	N/A	17.0%	N/A						
31	Fort Myers 2												
32	Gas		721,359				7,026	4,945,818	1,024,700	5,067,980	32,664,689	4.53	5.84
33	Plant Unit Info	1,745.0	721,359	55.7%	86.3%	65.4%	7,026			5,067,980	32,664,689	4.53	
34	Fort Myers 3A												
35	Light Oil		0				0	0	0	0	0	0.00	0.00

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		0					0	0	0	0	0.00	0.00
2	Plant Unit Info	193.0	0	N/A	93.7%	N/A	N/A						
3	Fort Myers 3B												
4	Light Oil		0				0	0	0	0	0	0.00	0.00
5	Gas		0					0	0	0	0	0.00	0.00
6	Plant Unit Info	193.0	0	N/A	93.7%	N/A	N/A						
7	Fort Myers 3C												
8	Light Oil		0				0	0	0	0	0	0.00	0.00
9	Gas		0					0	0	0	0	0.00	0.00
10	Plant Unit Info	221.0	0	N/A	93.7%	N/A	N/A						
11	Fort Myers 3D												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		0					0	0	0	0	0.00	0.00
14	Plant Unit Info	221.0	0	N/A	93.7%	N/A	N/A						
15	Fort Myers GT												
16	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
17	GCEC 4												
18	Gas		0					0	0	0	0	0.00	0.00
19	Plant Unit Info	75.0	0	N/A	93.8%	N/A	N/A						
20	GCEC 5												
21	Gas		0					0	0	0	0	0.00	0.00
22	Plant Unit Info	75.0	0	N/A	93.8%	N/A	N/A						
23	GCEC 6												
24	Gas		0					0	0	0	0	0.00	0.00
25	Plant Unit Info	315.0	0	N/A	93.6%	N/A	N/A						
26	GCEC 7												
27	Gas		0					0	0	0	0	0.00	0.00
28	Plant Unit Info	496.0	0	N/A	93.6%	N/A	N/A						
29	GCEC 8A												
30	Gas		2,506				12,226	29,899	1,024,700	30,638	3,950,386	157.64	6.08
31	Plant Unit Info	224.0	2,506	1.5%	93.8%	1.4%	12,226			30,638	3,950,386	157.64	
32	GCEC 8B												
33	Gas		2,693				12,801	33,642	1,024,700	34,473	3,973,644	147.55	6.09
34	Plant Unit Info	224.0	2,693	1.6%	93.8%	1.6%	12,801			34,473	3,973,644	147.55	
35	GCEC 8C												

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ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Gas		1,364				12,067	16,063	1,024,700	16,460	3,866,577	283.47	6.09
2	Plant Unit Info	220.0	1,364	0.8%	93.8%	0.8%	12,067			16,460	3,866,577	283.47	
3	GCEC 8D												
4	Gas		643				12,336	7,741	1,024,700	7,932	3,815,892	593.45	6.09
5	Plant Unit Info	220.0	643	0.4%	93.8%	0.4%	12,336			7,932	3,815,892	593.45	
6	Ghost Orchid PV Solar												
7	Solar		10,230					N/A	N/A	N/A	N/A	N/A	N/A
8	Plant Unit Info	74.5	10,230	18.5%	N/A	18.5%	N/A						
9	Grove PV Solar												
10	Solar		9,703					N/A	N/A	N/A	N/A	N/A	N/A
11	Plant Unit Info	74.5	9,703	17.5%	N/A	17.5%	N/A						
12	Hammock PV Solar												
13	Solar		11,470					N/A	N/A	N/A	N/A	N/A	N/A
14	Plant Unit Info	74.5	11,470	20.7%	N/A	20.7%	N/A						
15	Hibiscus PV Solar												
16	Solar		11,377					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	11,377	20.5%	N/A	20.5%	N/A						
18	Horizon PV Solar												
19	Solar		10,695					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	10,695	19.3%	N/A	19.3%	N/A						
21	Immokalee PV Solar												
22	Solar		10,664					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	10,664	19.2%	N/A	19.2%	N/A						
24	Indian River PV Solar												
25	Solar		10,788					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	10,788	19.5%	N/A	19.5%	N/A						
27	Interstate PV Solar												
28	Solar		10,509					N/A	N/A	N/A	N/A	N/A	N/A
29	Plant Unit Info	74.5	10,509	19.0%	N/A	19.0%	N/A						
30	Lakeside PV Solar												
31	Solar		10,137					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	10,137	18.3%	N/A	18.3%	N/A						
33	Lauderdale 1-12												
34	Plant Unit Info	0	0	N/A	97.7%	N/A	N/A						
35	Lauderdale 6A												

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Light Oil		0				0	0	0	0	0	0.00	0.00
2	Gas		0					0	0	0	0	0.00	0.00
3	Plant Unit Info	218.0	0	N/A	93.7%	N/A	N/A						
4	Lauderdale 6B												
5	Light Oil		0				0	0	0	0	0	0.00	0.00
6	Gas		0					0	0	0	0	0.00	0.00
7	Plant Unit Info	218.0	0	N/A	93.7%	N/A	N/A						
8	Lauderdale 6C												
9	Light Oil		0				0	0	0	0	0	0.00	0.00
10	Gas		0					0	0	0	0	0.00	0.00
11	Plant Unit Info	218.0	0	N/A	93.7%	N/A	N/A						
12	Lauderdale 6D												
13	Light Oil		0				0	0	0	0	0	0.00	0.00
14	Gas		0					0	0	0	0	0.00	0.00
15	Plant Unit Info	218.0	0	N/A	93.7%	N/A	N/A						
16	Lauderdale 6E												
17	Light Oil		0				0	0	0	0	0	0.00	0.00
18	Gas		0					0	0	0	0	0.00	0.00
19	Plant Unit Info	218.0	0	N/A	93.7%	N/A	N/A						
20	Loggerhead PV Solar												
21	Solar		11,191					N/A	N/A	N/A	N/A	N/A	N/A
22	Plant Unit Info	74.5	11,191	20.2%	N/A	20.2%	N/A						
23	Magnolia Springs PV Solar												
24	Solar		8,153					N/A	N/A	N/A	N/A	N/A	N/A
25	Plant Unit Info	74.5	8,153	14.7%	N/A	14.7%	N/A						
26	Manatee 1												
27	Plant Unit Info	797.0	0	N/A	100.0%	N/A	N/A						
28	Manatee 2												
29	Plant Unit Info	797.0	0	N/A	100.0%	N/A	N/A						
30	Manatee 3												
31	Gas		303,161				6,847	2,025,691	1,024,700	2,075,726	15,666,204	5.17	5.87
32	Plant Unit Info	1,265.0	303,161	32.5%	48.7%	68.4%	6,847			2,075,726	15,666,204	5.17	
33	Manatee PV Solar												
34	Solar		11,377					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	11,377	20.5%	N/A	20.5%	N/A						

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Martin 3												
2	Gas		179,055				7,313	1,277,781	1,024,700	1,309,342	11,283,096	6.30	5.88
3	Plant Unit Info	487.0	179,055	49.4%	93.9%	53.1%	7,313			1,309,342	11,283,096	6.30	
4	Martin 4												
5	Gas		37,871				7,618	281,546	1,024,700	288,500	5,422,344	14.32	5.87
6	Plant Unit Info	487.0	37,871	10.5%	93.9%	11.2%	7,618			288,500	5,422,344	14.32	
7	Martin 8												
8	Gas		395,927				6,920	2,673,632	1,024,700	2,739,671	19,484,997	4.92	5.88
9	Plant Unit Info	1,276.0	395,927	42.3%	93.5%	45.8%	6,920			2,739,671	19,484,997	4.92	
10	Martin 8 Solar												
11	Solar		5,425					N/A	N/A	N/A	N/A	N/A	N/A
12	Plant Unit Info	75.0	5,425	13.3%	96.4%	13.8%	N/A						
13	Miami-Dade PV Solar												
14	Solar		11,532					N/A	N/A	N/A	N/A	N/A	N/A
15	Plant Unit Info	74.5	11,532	20.8%	N/A	20.8%	N/A						
16	Nassau PV Solar												
17	Solar		7,440					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	7,440	13.4%	N/A	13.4%	N/A						
19	Northern Preserve PV Solar												
20	Solar		8,463					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	74.5	8,463	15.3%	N/A	15.3%	N/A						
22	Okeechobee 1												
23	Gas		680,696				6,437	4,276,317	1,024,700	4,381,942	30,420,810	4.47	6.23
24	Plant Unit Info	1,607.0	680,696	56.9%	93.0%	62.7%	6,437			4,381,942	30,420,810	4.47	
25	Okeechobee PV Solar												
26	Solar		10,819					N/A	N/A	N/A	N/A	N/A	N/A
27	Plant Unit Info	74.5	10,819	19.5%	N/A	19.5%	N/A						
28	Orange Blossom PV Solar												
29	Solar		9,920					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	9,920	17.9%	N/A	17.9%	N/A						
31	Palm Bay PV Solar												
32	Solar		9,858					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	9,858	17.8%	N/A	17.8%	N/A						
34	Pea Ridge												
35	Gas		0					0	0	0	0	0.00	0.00

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	13.5	0	N/A	N/A	N/A	N/A						
2	Pelican PV Solar												
3	Solar		9,920					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	9,920	17.9%	N/A	17.9%	N/A						
5	Perdido												
6	Gas		1,897				10,501	19,441	1,024,700	19,921	3,843,227	202.59	3.83
7	Plant Unit Info	3.0	1,897	N/A	N/A	N/A	10,501			19,921	3,843,227	202.59	
8	Pink Trail PV Solar												
9	Solar		9,955					N/A	N/A	N/A	N/A	N/A	N/A
10	Plant Unit Info	74.5	9,955	18.0%	N/A	18.0%	N/A						
11	Pioneer Trail PV Solar												
12	Solar		10,385					N/A	N/A	N/A	N/A	N/A	N/A
13	Plant Unit Info	74.5	10,385	18.7%	N/A	18.7%	N/A						
14	Port Everglades 5												
15	Light Oil		0				0	0	0	0	0	0.00	0.00
16	Gas		568,795				6,450	3,580,213	1,024,700	3,668,644	24,062,400	4.23	5.67
17	Plant Unit Info	1,208.0	568,795	59.6%	77.9%	78.1%	6,450			3,668,644	24,062,400	4.23	
18	Riviera 5												
19	Gas		365,068				6,745	2,403,074	1,024,700	2,462,430	18,732,066	5.13	6.23
20	Plant Unit Info	1,281.0	365,068	37.0%	84.8%	44.2%	6,745			2,462,430	18,732,066	5.13	
21	Rodeo PV Solar												
22	Solar		9,331					N/A	N/A	N/A	N/A	N/A	N/A
23	Plant Unit Info	74.5	9,331	16.8%	N/A	16.8%	N/A						
24	Sabal Palm PV Solar												
25	Solar		10,230					N/A	N/A	N/A	N/A	N/A	N/A
26	Plant Unit Info	74.5	10,230	18.5%	N/A	18.5%	N/A						
27	Sanford 4												
28	Gas		71,842				7,489	525,046	1,024,700	538,015	6,855,019	9.54	5.88
29	Plant Unit Info	1,190.0	71,842	8.2%	94.1%	8.8%	7,489			538,015	6,855,019	9.54	
30	Sanford 5												
31	Gas		390,521				6,988	2,663,037	1,024,700	2,728,814	19,318,856	4.95	5.84
32	Plant Unit Info	1,188.0	390,521	44.5%	94.1%	48.0%	6,988			2,728,814	19,318,856	4.95	
33	Saw Palmetto PV Solar												
34	Solar		9,419					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	9,419	17.0%	N/A	17.0%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Sawgrass PV Solar												
2	Solar		10,137					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	10,137	18.3%	N/A	18.3%	N/A						
4	Scherer 3												
5	Coal		33,529				11,960	23,589	17,000,003	401,018	1,402,347	4.18	59.45
6	Plant Unit Info	215.0	33,529	21.0%	93.7%	22.5%	11,960			401,018	1,402,347	4.18	
7	Shirer Branch PV Solar												
8	Solar		9,391					N/A	N/A	N/A	N/A	N/A	N/A
9	Plant Unit Info	74.5	9,391	16.9%	N/A	16.9%	N/A						
10	Smith 3												
11	Gas		302,156				7,010	2,066,932	1,024,700	2,117,985	16,668,966	5.52	6.24
12	Plant Unit Info	634.0	302,156	64.1%	93.9%	69.2%	7,010			2,117,985	16,668,966	5.52	
13	Smith A												
14	Light Oil		0				0	0	0	0	0	0.00	0.00
15	Plant Unit Info	36.0	0	N/A	100.0%	N/A	N/A						
16	Southfork PV Solar												
17	Solar		10,881					N/A	N/A	N/A	N/A	N/A	N/A
18	Plant Unit Info	74.5	10,881	19.6%	N/A	19.6%	N/A						
19	Space Coast PV Solar												
20	Solar		1,147					N/A	N/A	N/A	N/A	N/A	N/A
21	Plant Unit Info	10.0	1,147	15.4%	N/A	15.4%	N/A						
22	St. Lucie 1												
23	Nuclear		727,577				10,328	7,514,638	1,000,000	7,514,638	3,452,976	0.47	0.46
24	Plant Unit Info	1,003.0	727,577	97.5%	97.5%	100.0%	10,328			7,514,638	3,452,976	0.47	
25	St. Lucie 2												
26	Nuclear		623,870				10,257	6,398,850	1,000,000	6,398,850	2,798,217	0.45	0.44
27	Plant Unit Info	860.0	623,870	97.5%	97.5%	100.0%	10,257			6,398,850	2,798,217	0.45	
28	Sundew PV Solar												
29	Solar		9,858					N/A	N/A	N/A	N/A	N/A	N/A
30	Plant Unit Info	74.5	9,858	17.8%	N/A	17.8%	N/A						
31	Sunshine Gateway PV Solar												
32	Solar		9,610					N/A	N/A	N/A	N/A	N/A	N/A
33	Plant Unit Info	74.5	9,610	17.3%	N/A	17.3%	N/A						
34	Sweetbay PV Solar												
35	Solar		9,610					N/A	N/A	N/A	N/A	N/A	N/A

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Plant Unit Info	74.5	9,610	17.3%	N/A	17.3%	N/A						
2	Trailside PV Solar												
3	Solar		8,184					N/A	N/A	N/A	N/A	N/A	N/A
4	Plant Unit Info	74.5	8,184	14.8%	N/A	14.8%	N/A						
5	Turkey Point 3												
6	Nuclear		623,119				10,541	6,568,480	1,000,000	6,568,480	3,452,393	0.55	0.53
7	Plant Unit Info	859.0	623,119	97.5%	97.5%	100.0%	10,541			6,568,480	3,452,393	0.55	
8	Turkey Point 4												
9	Nuclear		628,196				10,456	6,568,485	1,000,000	6,568,485	3,564,060	0.57	0.54
10	Plant Unit Info	866.0	628,196	97.5%	97.5%	100.0%	10,456			6,568,485	3,564,060	0.57	
11	Turkey Point 5												
12	Light Oil		0				0	0	0	0	0	0.00	0.00
13	Gas		451,321				6,947	3,059,687	1,024,700	3,135,261	21,113,450	4.68	5.67
14	Plant Unit Info	1,310.0	451,321	46.9%	93.9%	50.5%	6,947			3,135,261	21,113,450	4.68	
15	Twin Lakes PV Solar												
16	Solar		8,711					N/A	N/A	N/A	N/A	N/A	N/A
17	Plant Unit Info	74.5	8,711	15.7%	N/A	15.7%	N/A						
18	Union Springs PV Solar												
19	Solar		8,091					N/A	N/A	N/A	N/A	N/A	N/A
20	Plant Unit Info	74.5	8,091	14.6%	N/A	14.6%	N/A						
21	West County 1												
22	Gas		460,995				6,790	3,054,600	1,024,700	3,130,049	21,694,962	4.71	5.87
23	Plant Unit Info	1,248.0	460,995	49.7%	93.7%	54.1%	6,790			3,130,049	21,694,962	4.71	
24	West County 2												
25	Gas		600,864				6,647	3,897,659	1,024,700	3,993,931	26,650,518	4.44	5.87
26	Plant Unit Info	1,248.0	600,864	64.7%	83.0%	80.0%	6,647			3,993,931	26,650,518	4.44	
27	West County 3												
28	Gas		552,451				6,718	3,621,696	1,024,700	3,711,152	25,029,728	4.53	5.87
29	Plant Unit Info	1,254.0	552,451	59.2%	93.7%	65.4%	6,718			3,711,152	25,029,728	4.53	
30	Wild Azalea PV Solar												
31	Solar		9,218					N/A	N/A	N/A	N/A	N/A	N/A
32	Plant Unit Info	74.5	9,218	16.6%	N/A	16.6%	N/A						
33	Wildflower PV Solar												
34	Solar		11,067					N/A	N/A	N/A	N/A	N/A	N/A
35	Plant Unit Info	74.5	11,067	20.0%	N/A	20.0%	N/A						

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
SYSTEM NET GENERATION AND FUEL COST

SCHEDULE: E4

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.		Net Capability (MW)	Net Generation (MWH)	Capacity Factor	Equivalent Availability Factor	Net Output Factor	Avg Net Heat Rate (BTU/KWH)	Fuel Burned (Units)	Fuel Heat Value (BTU/Unit)	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost per KWH (cents/KWH)	Cost of Fuel ($/Unit)
1	Willow PV Solar												
2	Solar		9,176					N/A	N/A	N/A	N/A	N/A	N/A
3	Plant Unit Info	74.5	9,176	16.6%	N/A	16.6%	N/A						
4	_System Totals												
5	Plant Unit Info	34,487	10,292,569				7,290			75,037,905	371,012,474	3.60	N/A
6													
7	Note: Totals may not add due to rounding												
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FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
INVENTORY PROJECTION

SCHEDULE: E5

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Line No.		Jan - 2023	Feb - 2023	Mar - 2023	Apr - 2023	May - 2023	Jun - 2023	Jul - 2023	Aug - 2023	Sep - 2023	Oct - 2023	Nov - 2023	Dec - 2023	2023
1	**#6 Heavy Oil (BBLS)**													
2	Purchases													
3	Units	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Unit Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
5	Amount	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Burned													
7	Units	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Unit Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9	Amount	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Ending Inventory													
11	Units	500,260	500,260	500,260	500,260	500,260	500,260	500,260	500,260	500,260	500,260	500,260	500,260	500,260
12	Unit Cost	74.9652	74.9652	74.9652	74.9652	74.9652	74.9652	74.9652	74.9652	74.9652	74.9652	74.9652	74.9652	74.9652
13	Amount	$37,502,072	$37,502,072	$37,502,072	$37,502,072	$37,502,072	$37,502,072	$37,502,072	$37,502,072	$37,502,072	$37,502,072	$37,502,072	$37,502,072	$37,502,072
14														
15	**#2 Light Oil (BBLS)**													
16	Purchases													
17	Units	0	0	0	0	0	0	0	0	0	32,154	0	0	32,154
18	Unit Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	136.6867	0.0000	0.0000	136.6867
19	Amount	-	-	-	-	-	-	-	-	-	$4,395,024	-	-	$4,395,024
20	Burned													
21	Units	0	0	0	0	0	2,043	12,449	16,321	762	11,443	671	0	43,689
22	Unit Cost	0.0000	0.0000	0.0000	0.0000	0.0000	103.0146	102.3969	102.3520	102.7272	106.3105	104.5680	0.0000	103.4731
23	Amount	-	-	-	-	-	$210,483	$1,274,726	$1,670,530	$78,305	$1,216,498	$70,131	-	$4,520,672
24	Ending Inventory													
25	Units	1,552,850	1,552,850	1,552,850	1,552,850	1,552,850	1,550,807	1,538,358	1,522,037	1,521,275	1,541,986	1,541,315	1,541,315	1,541,315
26	Unit Cost	105.0122	105.0122	105.0122	105.0122	105.0122	105.0149	105.0361	105.0648	105.0660	105.7161	105.7166	105.7166	105.7166
27	Amount	$163,068,307	$163,068,307	$163,068,307	$163,068,307	$163,068,307	$162,857,825	$161,583,098	$159,912,568	$159,834,263	$163,012,789	$162,942,659	$162,942,659	$162,942,659
28														
29	**Coal**													
30	Purchases													
31	Units	758,503	758,503	758,503	758,503	758,503	758,503	758,503	758,503	758,503	758,503	758,503	758,503	9,102,036
32	Unit Cost	3.5249	3.5249	3.5249	3.4901	3.4901	3.4901	3.5111	3.5111	3.5111	3.5241	3.5241	3.5241	3.5126
33	Amount	$2,673,648	$2,673,648	$2,673,648	$2,647,252	$2,647,252	$2,647,252	$2,663,181	$2,663,181	$2,663,181	$2,673,042	$2,673,042	$2,673,042	$31,971,371
34	Burned													
35	Units	1,559,721	1,408,780	1,493,677	295,521	144,212	644,035	754,459	990,704	740,393	598,262	638,749	401,018	9,669,531
36	Unit Cost	3.3572	3.3854	3.4128	3.4316	3.4439	3.4523	3.4626	3.5243	3.5306	3.5187	3.5315	3.4970	3.4457
37	Amount	$5,236,355	$4,769,318	$5,097,651	$1,014,101	$496,657	$2,223,381	$2,612,390	$3,491,535	$2,614,067	$2,105,132	$2,255,766	$1,402,347	$33,318,699
38	Ending Inventory													
39	Units	6,296,900	5,646,623	4,911,449	5,374,431	5,988,722	6,103,190	6,107,234	5,875,033	5,893,143	6,053,384	6,173,138	6,530,623	6,530,623
40	Unit Cost	3.4166	3.4389	3.4601	3.4659	3.4695	3.4739	3.4799	3.4764	3.4741	3.4759	3.4761	3.4804	3.4804
41	Amount	$21,513,824	$19,418,155	$16,994,153	$18,627,305	$20,777,900	$21,201,772	$21,252,563	$20,424,209	$20,473,323	$21,041,232	$21,458,508	$22,729,203	$22,729,203
42														
43	**Gas (MCF)**													
44	Burned													
45	Units	44,104,615	40,954,905	43,541,293	48,882,770	55,455,804	62,321,827	67,857,040	68,061,397	62,192,431	60,091,773	45,922,985	46,439,381	645,826,221
46	Unit Cost	10.6884	10.3292	9.1185	7.1871	6.9017	6.7866	6.7860	6.8050	6.8135	6.9340	7.4159	7.6733	7.6018
47	Amount	$471,408,226	$423,030,168	$397,032,362	$351,326,878	$382,739,688	$422,952,779	$460,476,018	$463,155,750	$423,746,281	$416,675,772	$340,562,218	$356,342,480	$4,909,448,617

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
INVENTORY PROJECTION

SCHEDULE: E5

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Line No.		Jan - 2023	Feb - 2023	Mar - 2023	Apr - 2023	May - 2023	Jun - 2023	Jul - 2023	Aug - 2023	Sep - 2023	Oct - 2023	Nov - 2023	Dec - 2023	2023
48														
49	**Nuclear (Other)**													
50	Burned													
51	Units	27,050,453	22,162,108	22,715,748	21,300,774	24,715,893	26,174,176	27,046,650	27,046,650	25,962,289	20,478,136	24,906,537	27,050,453	296,609,866
52	Unit Cost	0.4700	0.4742	0.4782	0.4659	0.4743	0.4781	0.4781	0.4781	0.4802	0.4738	0.4878	0.4905	0.4777
53	Amount	$12,714,789	$10,508,439	$10,862,260	$9,923,253	$11,722,767	$12,514,804	$12,931,964	$12,931,964	$12,466,726	$9,701,904	$12,149,839	$13,267,647	$141,696,356
54														
55														
56	Note: Totals may not add due to rounding													

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
POWER SOLD PURCHASED POWER

SCHEDULE: E6

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Line No.	Power Sold To	Type & Schedule	Total KWH Sold (000)	KWH from Own Generation (000)	Fuel Cost (cents/KWH)	Total Cost (cents/KWH)	Total $ for Fuel Adj	Total Cost ($)	Gain from Off System Sales ($)
1	Jan - 2023								
2	Off System	OS	342,860	342,860	5.438	6.955	18,646,320	23,846,114	3,999,783
3	St Lucie Reliability Sales	St. L.	54,190	54,190	0.486	0.486	263,606	263,606	
4	Subtotal Jan - 2023		397,050	397,050	4.763	6.072	18,909,926	24,109,719	3,999,783
5									
6	Feb - 2023								
7	Off System	OS	332,920	332,920	5.212	6.488	17,353,101	21,600,892	3,082,572
8	St Lucie Reliability Sales	St. L.	48,946	48,946	0.486	0.486	238,095	238,095	
9	Subtotal Feb - 2023		381,866	381,866	4.607	5.719	17,591,196	21,838,988	3,082,572
10									
11	Mar - 2023								
12	Off System	OS	209,560	209,560	4.375	5.452	9,167,791	11,425,081	1,544,786
13	St Lucie Reliability Sales	St. L.	54,190	54,190	0.486	0.486	263,606	263,606	
14	Subtotal Mar - 2023		263,750	263,750	3.576	4.432	9,431,397	11,688,687	1,544,786
15									
16	Apr - 2023								
17	Off System	OS	190,800	190,800	3.527	4.739	6,728,601	9,042,778	1,665,457
18	St Lucie Reliability Sales	St. L.	51,287	51,287	0.508	0.508	260,507	260,507	
19	Subtotal Apr - 2023		242,087	242,087	2.887	3.843	6,989,108	9,303,285	1,665,457
20									
21	May - 2023								
22	Off System	OS	170,810	170,810	3.501	5.029	5,980,207	8,590,009	1,913,789
23	St Lucie Reliability Sales	St. L.	52,997	52,997	0.512	0.512	271,429	271,429	
24	Subtotal May - 2023		223,807	223,807	2.793	3.959	6,251,636	8,861,437	1,913,789
25									
26	Jun - 2023								
27	Off System	OS	165,000	165,000	4.033	5.549	6,654,003	9,155,649	1,829,396
28	St Lucie Reliability Sales	St. L.	51,287	51,287	0.512	0.512	262,673	262,673	
29	Subtotal Jun - 2023		216,287	216,287	3.198	4.355	6,916,676	9,418,322	1,829,396
30									
31	Jul - 2023								
32	Off System	OS	176,390	176,390	4.194	5.915	7,397,983	10,433,002	2,199,739
33	St Lucie Reliability Sales	St. L.	52,997	52,997	0.512	0.512	271,429	271,429	
34	Subtotal Jul - 2023		229,387	229,387	3.343	4.667	7,669,412	10,704,431	2,199,739

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
POWER SOLD PURCHASED POWER

SCHEDULE: E6

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Line No.	Power Sold To	Type & Schedule	Total KWH Sold (000)	KWH from Own Generation (000)	Fuel Cost (cents/KWH)	Total Cost (cents/KWH)	Total $ for Fuel Adj	Total Cost ($)	Gain from Off System Sales ($)
35									
36	Aug - 2023								
37	Off System	OS	171,120	171,120	4.500	6.199	7,700,149	10,606,953	2,082,064
38	St Lucie Reliability Sales	St. L.	52,997	52,997	0.512	0.512	271,429	271,429	
39	Subtotal Aug - 2023		224,117	224,117	3.557	4.854	7,971,578	10,878,382	2,082,064
40									
41	Sep - 2023								
42	Off System	OS	161,700	161,700	3.851	5.405	6,227,106	8,740,602	1,707,596
43	St Lucie Reliability Sales	St. L.	51,287	51,287	0.512	0.512	262,673	262,673	
44	Subtotal Sep - 2023		212,987	212,987	3.047	4.227	6,489,779	9,003,275	1,707,596
45									
46	Oct - 2023								
47	Off System	OS	137,020	137,020	4.150	5.424	5,686,556	7,431,376	1,539,290
48	St Lucie Reliability Sales	St. L.	52,997	52,997	0.512	0.512	271,429	271,429	
49	Subtotal Oct - 2023		190,017	190,017	3.136	4.054	5,957,985	7,702,805	1,539,290
50									
51	Nov - 2023								
52	Off System	OS	246,000	246,000	3.589	4.764	8,828,847	11,720,432	2,301,185
53	St Lucie Reliability Sales	St. L.	52,442	52,442	0.491	0.491	257,269	257,269	
54	Subtotal Nov - 2023		298,442	298,442	3.045	4.013	9,086,116	11,977,701	2,301,185
55									
56	Dec - 2023								
57	Off System	OS	252,650	252,650	3.670	4.904	9,273,300	12,390,323	2,434,869
58	St Lucie Reliability Sales	St. L.	54,190	54,190	0.491	0.491	265,844	265,844	
59	Subtotal Dec - 2023		306,840	306,840	3.109	4.125	9,539,144	12,656,168	2,434,869
60									
61	2023								
62	Off System	OS	2,556,830	2,556,830	4.288	5.670	109,643,964	144,983,212	26,300,527
63	St Lucie Reliability Sales	St. L.	629,806	629,806	0.502	0.502	3,159,988	3,159,988	
64	Subtotal 2023		3,186,636	3,186,636	3.540	4.649	112,803,952	148,143,200	26,300,527
65									
66									
67	Note: Totals may not add due to rounding								

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
PURCHASED POWER
(EXCLUSIVE OF ECONOMY ENERGY PURCHASES)

SCHEDULE: E7

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)
Line No.	Estimated Power Purchases	KWH Purchased (000)	KWH for Firm	Fuel Cost (cents/KWH)	Total $ for Fuel Adj
1	Jan - 2023				
2	Central Alabama	370,472	370,472	6.812	25,236,056
3	Chelco	80	80	10.845	8,676
4	King Fisher (I and II)	71,424	71,424	4.798	3,426,673
5	Solid Waste Authority 40MW	30,660	30,660	5.436	1,666,657
6	Solid Waste Authority 70MW	53,196	53,196	6.109	3,249,818
7	St Lucie Reliablity Purchases	54,566	54,566	0.452	246,822
8	Subtotal Jan - 2023	580,398	580,398	5.830	33,834,702
9					
10	Feb - 2023				
11	Central Alabama	302,077	302,077	6.686	20,195,441
12	Chelco	80	80	10.845	8,676
13	King Fisher (I and II)	49,700	49,700	4.697	2,334,180
14	Solid Waste Authority 40MW	28,325	28,325	5.254	1,488,057
15	Solid Waste Authority 70MW	50,440	50,440	6.009	3,030,884
16	St Lucie Reliablity Purchases	17,866	17,866	0.452	80,815
17	Subtotal Feb - 2023	448,488	448,488	6.051	27,138,053
18					
19	Mar - 2023				
20	Central Alabama	287,870	287,870	6.094	17,541,762
21	Chelco	80	80	10.845	8,676
22	King Fisher (I and II)	104,284	104,284	4.871	5,079,936
23	Solid Waste Authority 40MW	22,871	22,871	4.263	975,041
24	Solid Waste Authority 70MW	54,959	54,959	5.464	3,003,094
25	St Lucie Reliablity Purchases	5,372	5,372	0.457	24,576
26	Subtotal Mar - 2023	475,436	475,436	5.602	26,633,085
27					
28	Apr - 2023				
29	Central Alabama	218,500	218,500	4.528	9,893,513
30	Chelco	84	84	10.845	9,110
31	King Fisher (I and II)	112,230	112,230	4.884	5,481,327
32	Solid Waste Authority 40MW	33,322	33,322	3.367	1,121,953
33	Solid Waste Authority 70MW	45,619	45,619	4.971	2,267,856
34	St Lucie Reliablity Purchases	51,604	51,604	0.479	246,984
35	Subtotal Apr - 2023	461,359	461,359	4.123	19,020,743
36					

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
PURCHASED POWER
(EXCLUSIVE OF ECONOMY ENERGY PURCHASES)

SCHEDULE: E7

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)
Line No.	Estimated Power Purchases	KWH Purchased (000)	KWH for Firm	Fuel Cost (cents/KWH)	Total $ for Fuel Adj
37	May - 2023				
38	Central Alabama	252,969	252,969	4.227	10,692,151
39	Chelco	84	84	10.845	9,110
40	King Fisher (I and II)	79,205	79,205	4.820	3,817,779
41	Solid Waste Authority 40MW	27,543	27,543	3.292	906,795
42	Solid Waste Authority 70MW	43,985	43,985	4.930	2,168,547
43	St Lucie Reliablity Purchases	53,324	53,324	0.479	255,217
44	Subtotal May - 2023	457,110	457,110	3.905	17,849,599
45					
46	Jun - 2023				
47	Chelco	84	84	10.845	9,110
48	King Fisher (I and II)	97,800	97,800	4.863	4,755,600
49	Solid Waste Authority 40MW	32,832	32,832	3.539	1,162,024
50	Solid Waste Authority 70MW	34,157	34,157	5.066	1,730,389
51	St Lucie Reliablity Purchases	51,604	51,604	0.479	246,984
52	Subtotal Jun - 2023	216,477	216,477	3.651	7,904,107
53					
54	Jul - 2023				
55	Chelco	84	84	10.845	9,110
56	King Fisher (I and II)	75,206	75,206	4.811	3,618,409
57	Solid Waste Authority 40MW	30,549	30,549	3.870	1,182,247
58	Solid Waste Authority 70MW	45,696	45,696	5.248	2,398,118
59	St Lucie Reliablity Purchases	53,324	53,324	0.479	255,217
60	Subtotal Jul - 2023	204,859	204,859	3.643	7,463,101
61					
62	Aug - 2023				
63	Chelco	84	84	10.845	9,110
64	King Fisher (I and II)	79,422	79,422	4.825	3,831,882
65	Solid Waste Authority 40MW	30,511	30,511	3.996	1,219,159
66	Solid Waste Authority 70MW	45,689	45,689	5.317	2,429,313
67	St Lucie Reliablity Purchases	53,324	53,324	0.479	255,217
68	Subtotal Aug - 2023	209,030	209,030	3.705	7,744,682
69					
70	Sep - 2023				
71	Chelco	80	80	10.845	8,676
72	King Fisher (I and II)	85,680	85,680	4.838	4,145,023
73	Solid Waste Authority 40MW	26,863	26,863	3.666	984,908
74	Solid Waste Authority 70MW	40,853	40,853	5.136	2,098,163
75	St Lucie Reliablity Purchases	51,604	51,604	0.482	248,609

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
PURCHASED POWER
(EXCLUSIVE OF ECONOMY ENERGY PURCHASES)

SCHEDULE: E7

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)
Line No.	Estimated Power Purchases	KWH Purchased (000)	KWH for Firm	Fuel Cost (cents/KWH)	Total $ for Fuel Adj
76	Subtotal Sep - 2023	205,080	205,080	3.650	7,485,379
77					
78	Oct - 2023				
79	Chelco	80	80	10.845	8,676
80	King Fisher (I and II)	89,621	89,621	4.849	4,345,304
81	Solid Waste Authority 40MW	30,489	30,489	3.567	1,087,583
82	Solid Waste Authority 70MW	36,248	36,248	5.081	1,841,859
83	St Lucie Reliablity Purchases	53,324	53,324	0.482	256,896
84	Subtotal Oct - 2023	209,762	209,762	3.595	7,540,318
85					
86	Nov - 2023				
87	Chelco	80	80	10.845	8,676
88	King Fisher (I and II)	111,750	111,750	4.884	5,458,130
89	Solid Waste Authority 40MW	18,612	18,612	3.589	667,969
90	Solid Waste Authority 70MW	49,853	49,853	5.093	2,539,154
91	St Lucie Reliablity Purchases	52,806	52,806	0.461	243,193
92	Subtotal Nov - 2023	233,101	233,101	3.825	8,917,122
93					
94	Dec - 2023				
95	Chelco	80	80	10.845	8,676
96	King Fisher (I and II)	74,958	74,958	4.808	3,604,115
97	Solid Waste Authority 40MW	32,520	32,520	3.692	1,200,682
98	Solid Waste Authority 70MW	46,679	46,679	5.150	2,403,973
99	St Lucie Reliablity Purchases	54,566	54,566	0.461	251,299
100	Subtotal Dec - 2023	208,803	208,803	3.577	7,468,745
101					
102	2023				
103	Central Alabama	1,431,888	1,431,888	5.836	83,558,923
104	Chelco	980	980	10.845	106,282
105	King Fisher (I and II)	1,031,280	1,031,280	4.838	49,898,358
106	Solid Waste Authority 40MW	345,097	345,097	3.959	13,663,074
107	Solid Waste Authority 70MW	547,374	547,374	5.327	29,161,168
108	St Lucie Reliablity Purchases	553,284	553,284	0.472	2,611,829
109	Subtotal 2023	3,909,903	3,909,903	4.578	178,999,635
110					
111					
112	Note: Totals may not add due to rounding				

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
ENERGY PAYMENTS TO QUALIFYING FACILITIES

SCHEDULE: E8

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)
Line No.	Estimated Payments	Total KWH Purchased (000)	KWH for Firm (000)	Fuel Cost (cents/KWH)	Total $ for Fuel Adj
1	Jan - 2023				
2	Qualifying Facilities	50,208	50,208	5.765	2,894,339
3	Subtotal Jan - 2023	50,208	50,208	5.765	2,894,339
4					
5	Feb - 2023				
6	Qualifying Facilities	49,263	49,263	5.693	2,804,698
7	Subtotal Feb - 2023	49,263	49,263	5.693	2,804,698
8					
9	Mar - 2023				
10	Qualifying Facilities	57,780	57,780	5.175	2,990,387
11	Subtotal Mar - 2023	57,780	57,780	5.175	2,990,387
12					
13	Apr - 2023				
14	Qualifying Facilities	57,399	57,399	4.607	2,644,554
15	Subtotal Apr - 2023	57,399	57,399	4.607	2,644,554
16					
17	May - 2023				
18	Qualifying Facilities	66,973	66,973	4.539	3,039,974
19	Subtotal May - 2023	66,973	66,973	4.539	3,039,974
20					
21	Jun - 2023				
22	Qualifying Facilities	68,241	68,241	4.531	3,091,972
23	Subtotal Jun - 2023	68,241	68,241	4.531	3,091,972
24					
25	Jul - 2023				
26	Qualifying Facilities	64,826	64,826	4.743	3,074,825
27	Subtotal Jul - 2023	64,826	64,826	4.743	3,074,825
28					
29	Aug - 2023				
30	Qualifying Facilities	60,846	60,846	4.881	2,969,727
31	Subtotal Aug - 2023	60,846	60,846	4.881	2,969,727
32					
33	Sep - 2023				
34	Qualifying Facilities	57,463	57,463	4.632	2,661,445
35	Subtotal Sep - 2023	57,463	57,463	4.632	2,661,445
36					
37	Oct - 2023				
38	Qualifying Facilities	56,912	56,912	4.617	2,627,664
39	Subtotal Oct - 2023	56,912	56,912	4.617	2,627,664
40					

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
ENERGY PAYMENTS TO QUALIFYING FACILITIES

SCHEDULE: E8

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)
Line No.	Estimated Payments	Total KWH Purchased (000)	KWH for Firm (000)	Fuel Cost (cents/KWH)	Total $ for Fuel Adj
41	Nov - 2023				
42	Qualifying Facilities	50,670	50,670	4.606	2,333,651
43	Subtotal Nov - 2023	50,670	50,670	4.606	2,333,651
44					
45	Dec - 2023				
46	Qualifying Facilities	48,276	48,276	4.538	2,190,838
47	Subtotal Dec - 2023	48,276	48,276	4.538	2,190,838
48					
49	2023				
50	Qualifying Facilities	688,856	688,856	4.838	33,324,075
51	Subtotal 2023	688,856	688,856	4.838	33,324,075
52					
53					
54	Note: Totals may not add due to rounding				

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES

SCHEDULE: E9

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Line No.	Estimated Purchases	Type	Total KWH Purchase (000)	Transaction Cost (cents/kWh)	Total $ for Fuel Adj	Cost if Generated (cents/kWh)	Cost if Generated ($)	Fuel Savings ($)
1	Jan - 2023							
2	Economy	OS						
3	Subtotal Jan - 2023							
4								
5	Feb - 2023							
6	Economy	OS						
7	Subtotal Feb - 2023							
8								
9	Mar - 2023							
10	Economy	OS	38,440	5.500	2,114,200	6.333	2,434,213	320,013
11	Subtotal Mar - 2023		38,440	5.500	2,114,200	6.333	2,434,213	320,013
12								
13	Apr - 2023							
14	Economy	OS	19,650	4.000	786,000	5.170	1,015,835	229,835
15	Subtotal Apr - 2023		19,650	4.000	786,000	5.170	1,015,835	229,835
16								
17	May - 2023							
18	Economy	OS	77,810	4.100	3,190,210	4.785	3,723,565	533,355
19	Subtotal May - 2023		77,810	4.100	3,190,210	4.785	3,723,565	533,355
20								
21	Jun - 2023							
22	Economy	OS	54,300	4.900	2,660,700	5.795	3,146,859	486,159
23	Subtotal Jun - 2023		54,300	4.900	2,660,700	5.795	3,146,859	486,159
24								
25	Jul - 2023							
26	Economy	OS	31,000	5.000	1,550,000	6.645	2,060,066	510,066
27	Subtotal Jul - 2023		31,000	5.000	1,550,000	6.645	2,060,066	510,066
28								
29	Aug - 2023							
30	Economy	OS	31,000	5.000	1,550,000	7.047	2,184,454	634,454
31	Subtotal Aug - 2023		31,000	5.000	1,550,000	7.047	2,184,454	634,454
32								
33	Sep - 2023							
34	Economy	OS	27,000	4.900	1,323,000	5.924	1,599,360	276,360
35	Subtotal Sep - 2023		27,000	4.900	1,323,000	5.924	1,599,360	276,360
36								
37	Oct - 2023							
38	Economy	OS	35,650	4.800	1,711,200	5.625	2,005,173	293,973
39	Subtotal Oct - 2023		35,650	4.800	1,711,200	5.625	2,005,173	293,973
40								
41	Nov - 2023							
42	Economy	OS						
43	Subtotal Nov - 2023							
44								

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES

SCHEDULE: E9

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Line No.	Estimated Purchases	Type	Total KWH Purchase (000)	Transaction Cost (cents/kWh)	Total $ for Fuel Adj	Cost if Generated (cents/kWh)	Cost if Generated ($)	Fuel Savings ($)
45	Dec - 2023							
46	Economy	OS						
47	Subtotal Dec - 2023							
48								
49	2023							
50	Economy	OS	314,850	4.728	14,885,310	5.771	18,169,525	3,284,215
51	Subtotal 2023		314,850	4.728	14,885,310	5.771	18,169,525	3,284,215
52								
53								
54	Note: Totals may not add due to rounding							

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
RESIDENTIAL BILL COMPARISON

SCHEDULE: E10

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

	FPL	PROPOSED JAN - DEC	DIFFERENCE	
	2022	2023	$	%
BASE	$75.82	$80.73	$4.91	6.5%
FUEL COST RECOVERY	$34.87	$37.45	$2.58	7.4%
ENERGY CONSERVATION COST RECOVERY	$1.34	$1.22	($0.12)	-9.0%
CAPACITY COST RECOVERY	$2.39	$2.12	($0.27)	-11.3%
ENVIRONMENTAL COST RECOVERY	$2.99	$3.12	$0.13	4.3%
STORM PROTECTION PLAN COST RECOVERY	$2.14	$3.82	$1.68	78.5%
TRANSITION RIDER	($1.98)	($1.58)	$0.40	-20.2%
SUBTOTAL	$117.57	$126.88	$9.31	7.9%
GROSS RECEIPTS TAX/RAF	$3.10	$3.35	$0.25	8.1%
TOTAL	**$120.67**	**$130.23**	**$9.56**	**7.9%**

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
RESIDENTIAL BILL COMPARISON

SCHEDULE: E10

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

	NWFL	PROPOSED JAN - DEC	DIFFERENCE	
	2022	2023	$	%
BASE	$75.82	$80.73	$4.91	6.5%
FUEL COST RECOVERY	$34.87	$37.45	$2.58	7.4%
ENERGY CONSERVATION COST RECOVERY	$1.34	$1.22	($0.12)	-9.0%
CAPACITY COST RECOVERY	$2.39	$2.12	($0.27)	-11.3%
ENVIRONMENTAL COST RECOVERY	$2.99	$3.12	$0.13	4.3%
STORM PROTECTION PLAN COST RECOVERY	$2.14	$3.82	$1.68	78.5%
STORM RESTORATION SURCHARGE	$11.00	$11.00	$0.00	0.0%
TRANSITION RIDER	$21.06	$16.85	($4.21)	-20.0%
SUBTOTAL	$151.61	$156.31	$4.70	3.1%
GROSS RECEIPTS TAX/RAF	$4.00	$4.12	$0.12	3.0%
TOTAL	**$155.61**	**$160.43**	**$4.82**	**3.1%**

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE

SCHEDULE: H1

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

	2020	2021	2022	2023	% Diff 2021 vs 2020	% Diff 2022 vs 2021	% Diff 2023 vs 2022
Fuel Cost of System Net Generation ($)							
Heavy Oil	6,864,055	10,240,212	79		49.2%	(100.0%)	(100.0%)
Light Oil	9,375,421	16,482,110	20,262,731	4,520,672	75.8%	22.9%	(77.7%)
Coal	133,045,384	123,299,779	80,055,769	33,318,699	(7.3%)	(35.1%)	(58.4%)
Gas	2,430,185,751	3,709,377,323	5,611,368,724	4,909,448,617	52.6%	51.3%	(12.5%)
Nuclear	148,402,742	150,856,989	147,569,890	141,696,356	1.7%	(2.2%)	(4.0%)
Subtotal Fuel Cost of System Net Generation ($)	2,727,873,353	4,010,256,412	5,859,257,194	5,088,984,344	47.0%	46.1%	(13.1%)
System Net Generation (MWh)							
Heavy Oil	53,062	75,395	(10,306)	0	42.1%	(113.7%)	(100.0%)
Light Oil	65,629	93,943	196,748	22,548	43.1%	109.4%	(88.5%)
Coal	3,702,345	3,853,882	2,121,698	870,305	4.1%	(44.9%)	(59.0%)
Gas	100,719,913	97,442,324	98,843,192	97,332,424	(3.3%)	1.4%	(1.5%)
Nuclear	28,220,906	28,341,567	29,098,949	28,150,853	0.4%	2.7%	(3.3%)
Solar	3,912,922	5,899,707	7,658,874	9,936,143	50.8%	29.8%	29.7%
Subtotal System Net Generation (MWh)	136,674,777	135,706,818	137,909,155	136,312,273	(0.7%)	1.6%	(1.2%)
Units of Fuel Burned (Unit)							
Heavy Oil	94,056	138,551	1		47.3%	(100.0%)	(100.0%)
Light Oil	97,681	189,235	250,323	43,689	93.7%	32.3%	(82.5%)
Coal	2,200,633	2,166,262	1,374,018	568,796	(1.6%)	(36.6%)	(58.6%)
Gas	695,859,263	679,855,775	666,867,994	645,826,221	(2.3%)	(1.9%)	(3.2%)
Nuclear	306,991,995	305,493,510	309,874,804	296,609,866	(0.5%)	1.4%	(4.3%)
BTU Burned (MMBTU)							
Heavy Oil	595,280	876,873	6		47.3%	(100.0%)	(100.0%)
Light Oil	569,799	1,102,997	5,666,031	254,709	93.6%	413.7%	(95.5%)
Coal	42,888,272	43,319,232	24,307,379	9,669,531	1.0%	(43.9%)	(60.2%)
Gas	713,527,171	696,754,755	682,372,501	661,778,129	(2.4%)	(2.1%)	(3.0%)
Nuclear	306,991,995	305,493,510	309,874,804	296,609,866	(0.5%)	1.4%	(4.3%)
Subtotal BTU Burned (MMBTU)	1,064,572,517	1,047,547,366	1,022,220,721	968,312,235	(1.6%)	(2.4%)	(5.3%)
Generation Mix (%)							
Heavy Oil	0.04%	0.06%	(0.01%)	0%			
Light Oil	0.05%	0.07%	0.14%	0.02%			
Coal	2.71%	2.84%	1.54%	0.64%			
Gas	73.69%	71.80%	71.67%	71.40%			
Nuclear	20.65%	20.88%	21.10%	20.65%			
Solar	2.86%	4.35%	5.55%	7.29%			
Subtotal Generation Mix (%)							
Fuel Cost per Unit ($/Unit)							
Heavy Oil	72.9784	73.9092	87.8222		1.3%	18.8%	(100.0%)
Light Oil	95.9800	87.0988	80.9464	103.4731	(9.3%)	(7.1%)	27.8%
Coal	60.4578	56.9182	58.2640	58.5776	(5.9%)	2.4%	0.5%
Gas	3.4924	5.4561	8.4145	7.6018	56.2%	54.2%	(9.7%)
Nuclear	0.4834	0.4938	0.4762	0.4777	2.2%	(3.6%)	0.3%
Fuel Cost per MMBTU ($/MMBTU)							
Heavy Oil	11.5308	11.6781	13.8762		1.3%	18.8%	(100.0%)
Light Oil	16.4539	14.9430	3.5762	17.7484	(9.2%)	(76.1%)	396.3%
Coal	3.1021	2.8463	3.2935	3.4457	(8.2%)	15.7%	4.6%
Gas	3.4059	5.3238	8.2233	7.4186	56.3%	54.5%	(9.8%)
Nuclear	0.4834	0.4938	0.4762	0.4777	2.2%	(3.6%)	0.3%
Subtotal Fuel Cost per MMBTU ($/MMBTU)	3	4	6	5	49.4%	49.7%	(8.3%)

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE

SCHEDULE: H1

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

	2020	2021	2022	2023	% Diff 2021 vs 2020	% Diff 2022 vs 2021	% Diff 2023 vs 2022
BTU Burned per KWH (BTU/KWH)							
Heavy Oil	11,218.6639	11,630.4144	(0.5527)		3.7%	(100.0%)	(100.0%)
Light Oil	8,682.1727	11,741.1029	28,798.4645	11,296.3513	35.2%	145.3%	(60.8%)
Coal	11,584.0821	11,240.4148	11,456.5682	11,110.5084	(3.0%)	1.9%	(3.0%)
Gas	7,084.2711	7,150.4325	6,903.5862	6,799.1539	0.9%	(3.5%)	(1.5%)
Nuclear	10,878.1764	10,778.9915	10,649.0033	10,536.4432	(0.9%)	(1.2%)	(1.1%)
Subtotal BTU Burned per KWH (BTU/KWH)	7,789	7,719	7,412	7,104	(0.9%)	(4.0%)	(4.2%)
Generated Fuel Cost per KWH (cents/KWH)							
Heavy Oil	12.9360	13.5821	(0.0008)		5.0%	(100.0%)	(100.0%)
Light Oil	14.2856	17.5448	10.2988	20.0492	22.8%	(41.3%)	94.7%
Coal	3.5935	3.1994	3.7732	3.8284	(11.0%)	17.9%	1.5%
Gas	2.4128	3.8067	5.6770	5.0440	57.8%	49.1%	(11.2%)
Nuclear	0.5259	0.5323	0.5071	0.5033	1.2%	(4.7%)	(0.7%)
Subtotal Generated Fuel Cost per KWH (cents/KWH)	1.9959	2.9551	4.2486	3.7333	48.1%	43.8%	(12.1%)

FLORIDA POWER & LIGHT COMPANY

~~Forty-Ninth~~Fifty Revised Sheet No. 10.101
Cancels Forty-Ninth ~~Forty-Eighth~~ Revised Sheet No. 10.101

(Continued from Sheet No. 10.100)

ESTIMATED AS-AVAILABLE AVOIDED ENERGY COST

FPL will provide its most recent non-binding estimate of future AS-Available avoided cost projections within thirty days of a written request. In addition, As-Available Energy cost payments will include 0.01367¢/kWh for variable operation and maintenance expenses.

DELIVERY VOLTAGE ADJUSTMENT

The Company's actual hourly As-Available Energy costs shall be adjusted according to the delivery voltage by the following multipliers:

Delivery Voltage	Adjustment Factor
Transmission Voltage Delivery	1.0000
Primary Voltage Delivery	1.~~01090~~0108
Secondary Voltage Delivery	1.~~0321~~0313

PROJECTED ANNUAL GENERATION MIX AND FUEL PRICES

FPL's projected annual generation mix may be found on Schedules 5, 6.1 and 6.2 in FPL's Ten Year Site Plan.

(Continued on Sheet No. 10.102)

Issued by: Tiffany Cohen, Senior Director, Regulatory Rates, Cost of Service and Systems
Effective: ~~**January 1, 2022**~~

Fifty Revised Sheet No. 10.101
FLORIDA POWER & LIGHT COMPANY **Cancels Forty-Ninth Revised Sheet No. 10.101**

(Continued from Sheet No. 10.100)

ESTIMATED AS-AVAILABLE AVOIDED ENERGY COST

FPL will provide its most recent non-binding estimate of future AS-Available avoided cost projections within thirty days of a written request. In addition, As-Available Energy cost payments will include 0.01367¢/kWh for variable operation and maintenance expenses.

DELIVERY VOLTAGE ADJUSTMENT

The Company's actual hourly As-Available Energy costs shall be adjusted according to the delivery voltage by the following multipliers:

Delivery Voltage	Adjustment Factor
Transmission Voltage Delivery	1.0000
Primary Voltage Delivery	1.0108
Secondary Voltage Delivery	1.0313

PROJECTED ANNUAL GENERATION MIX AND FUEL PRICES

FPL's projected annual generation mix may be found on Schedules 5, 6.1 and 6.2 in FPL's Ten Year Site Plan.

(Continued on Sheet No. 10.102)

Issued by: Tiffany Cohen, Senior Director, Regulatory Rates, Cost of Service and Systems
Effective:

FLORIDA POWER & LIGHT COMPANY

~~Forty-Second~~Forty-Third Revised Sheet No. 10.103
Cancels Forty-Second ~~Forty-First~~ Revised Sheet No. 10.103

(Continued from Sheet No. 10.102)

B. Interconnection Charge for Non-Variable Utility Expenses:

The Qualifying Facility shall bear the cost required for interconnection, including the metering. The Qualifying Facility shall have the option of (i) payment in full for the interconnection costs upon completion of the interconnection facilities (including the time value of money during the construction) and providing a surety bond, letter of credit or comparable assurance of payment acceptable to the Company adequate to cover the interconnection costs, (ii) payment of monthly invoices from the Company for actual costs progressively incurred by the Company in installing the interconnection facilities, or (iii) upon a showing of credit worthiness, making equal monthly installment payments over a period no longer than thirty-six (36) months toward the full cost of interconnection. In the latter case, the Company shall assess interest at the rate then prevailing for the thirty (30) days highest grade commercial paper rate, such rate to be specified by the Company thirty (30) days prior to the date of each installment payment by the Qualifying Facility.

C. Interconnection Charge for Variable Utility Expenses:

The Qualifying Facility shall be billed monthly for the cost of variable utility expenses associated with the operation and maintenance of the interconnection facilities. These include (a) the Company's inspections of the interconnection facilities and (b) maintenance of any equipment beyond that which would be required to provide normal electric service to the Qualifying Facility if no sales to the Company were involved.

In lieu of payments for actual charges, the Qualifying Facility may pay a monthly charge equal to a percentage of the installed cost of the interconnection facilities necessary for the sale of energy to the Company. The applicable percentages are as follows:

Equipment Type	Charge
Metering Equipment	0.~~013~~038%
Distribution Equipment	0.~~180~~117%
Transmission Equipment	0.~~067~~061%

D. Taxes and Assessments

The Qualifying Facility shall be billed monthly an amount equal to any taxes, assessments or other impositions, for which the Company is liable as a result of its purchases of As-Available Energy produced by the Qualifying Facility. In the event the Company receives a tax benefit as a result of its purchases of As-Available Energy produced by the Qualifying Facility, the Qualifying Facility shall be entitled to a refund in an amount equal to such benefit.

TERMS OF SERVICE

(1) It shall be the Qualifying Facility's responsibility to inform the Company of any change in the Qualifying Facility's electric generation capability.

(Continue on Sheet No. 10.104)

Issued by: Tiffany Cohen, Senior Director, Regulatory Rates, Cost of Service and Systems
Effective: ~~January 1, 2022~~

FLORIDA POWER & LIGHT COMPANY

Forty-Third Revised Sheet No. 10.103
Cancels Forty-Second Revised Sheet No. 10.103

(Continued from Sheet No. 10.102)

B. Interconnection Charge for Non-Variable Utility Expenses:

The Qualifying Facility shall bear the cost required for interconnection, including the metering. The Qualifying Facility shall have the option of (i) payment in full for the interconnection costs upon completion of the interconnection facilities (including the time value of money during the construction) and providing a surety bond, letter of credit or comparable assurance of payment acceptable to the Company adequate to cover the interconnection costs, (ii) payment of monthly invoices from the Company for actual costs progressively incurred by the Company in installing the interconnection facilities, or (iii) upon a showing of credit worthiness, making equal monthly installment payments over a period no longer than thirty-six (36) months toward the full cost of interconnection. In the latter case, the Company shall assess interest at the rate then prevailing for the thirty (30) days highest grade commercial paper rate, such rate to be specified by the Company thirty (30) days prior to the date of each installment payment by the Qualifying Facility.

C. Interconnection Charge for Variable Utility Expenses:

The Qualifying Facility shall be billed monthly for the cost of variable utility expenses associated with the operation and maintenance of the interconnection facilities. These include (a) the Company's inspections of the interconnection facilities and (b) maintenance of any equipment beyond that which would be required to provide normal electric service to the Qualifying Facility if no sales to the Company were involved.

In lieu of payments for actual charges, the Qualifying Facility may pay a monthly charge equal to a percentage of the installed cost of the interconnection facilities necessary for the sale of energy to the Company. The applicable percentages are as follows:

Equipment Type	Charge
Metering Equipment	0.038%
Distribution Equipment	0.117%
Transmission Equipment	0.061%

D. Taxes and Assessments

The Qualifying Facility shall be billed monthly an amount equal to any taxes, assessments or other impositions, for which the Company is liable as a result of its purchases of As-Available Energy produced by the Qualifying Facility. In the event the Company receives a tax benefit as a result of its purchases of As-Available Energy produced by the Qualifying Facility, the Qualifying Facility shall be entitled to a refund in an amount equal to such benefit.

TERMS OF SERVICE

(1) It shall be the Qualifying Facility's responsibility to inform the Company of any change in the Qualifying Facility's electric generation capability.

(Continue on Sheet No. 10.104)

Issued by: Tiffany Cohen, Senior Director, Regulatory Rates, Cost of Service and Systems
Effective:

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 21
PARTY: RBD-8
DESCRIPTION: 2023 CCR Projections Confidential DN 02217-2022

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
PROJECTION FILING
PROJECTED CAPACITY COSTS

FOR THE ESTIMATED PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Line No.		Jan - 2023	Feb - 2023	Mar - 2023	Apr - 2023	May - 2023	Jun - 2023	Jul - 2023	Aug - 2023	Sep - 2023	Oct - 2023	Nov - 2023	Dec - 2023	Total
1	**Base**													
2	Payments to Non-cogenerators	$7,676,600	$7,676,600	$7,676,600	$7,676,600	$7,676,600	$1,460,400	$1,460,400	$1,460,400	$1,460,400	$1,460,400	$1,460,400	$1,460,400	$48,605,800
3	Payments to Co-generators	$129,115	$129,115	$129,115	$129,115	$129,115	$129,115	$129,115	$129,115	$129,115	$129,115	$129,115	$129,115	$1,549,380
4	Transmission of Electricity by Others	$1,023,054	$1,014,605	$909,749	$731,623	$566,418	-	-	-	-	-	-	$189,488	$4,434,937
5	Transmission Revenues from Capacity Sales	($1,200,010)	($1,165,220)	($712,504)	($648,720)	($696,013)	($672,250)	($835,280)	($824,740)	($805,900)	($205,530)	($590,400)	($682,155)	($9,038,722)
6	Incremental Plant Security Costs O&M	$2,049,207	$1,886,799	$2,917,411	$2,305,801	$2,153,513	$2,383,414	$2,372,804	$2,315,829	$2,312,192	$2,292,907	$2,656,667	$2,868,600	$28,515,144
7	Incremental Plant Security Costs Capital	$394,843	$378,980	$379,790	$380,872	$384,603	$389,724	$392,139	$393,105	$393,997	$405,464	$417,087	$418,204	$4,728,808
8	Incremental Nuclear NRC Compliance Costs O&M	$51,800	$51,800	$51,800	$51,800	$51,800	$51,800	$51,800	$51,800	$51,800	$51,800	$51,800	$51,800	$621,600
9	Incremental Nuclear NRC Compliance Costs Capital	$856,944	$854,970	$852,932	$850,898	$838,855	$826,885	$825,013	$823,146	$821,272	$819,402	$817,535	$815,672	$10,003,524
10	Cedar Bay Transaction - Regulatory Asset - Amortization and Return	$8,327,825	$8,295,400	$8,262,976	$8,230,551	$8,198,127	$8,165,702	$8,133,277	$8,100,853	$8,068,428	$8,036,004	$8,003,579	$7,971,154	$97,793,877
11	Cedar Bay Transaction - Regulatory Liability - Amortization and Return	($70,848)	($70,424)	($69,999)	($69,574)	($69,150)	($68,725)	($68,300)	($67,875)	($67,451)	($67,026)	($66,601)	($66,177)	($822,150)
12	Indiantown Transaction - Regulatory Asset - Amortization and Return	$5,216,018	$5,186,850	$5,157,682	$5,128,514	$5,099,346	$5,070,178	$5,041,010	$5,011,842	$4,982,674	$4,953,506	$4,924,338	$4,895,170	$60,667,127
13	COVID-19 Regulatory Asset Revenue Requirements	$395,604	$394,373	$393,142	$391,910	$390,679	$389,447	$388,216	$386,985	$385,753	$384,522	$383,291	$382,059	$4,665,981
14	Subtotal Base	$24,850,151	$24,633,849	$25,948,694	$25,159,390	$24,723,893	$18,125,691	$17,890,195	$17,780,460	$17,732,281	$18,260,564	$18,186,810	$18,433,331	$251,725,306
15														
16	**General**													
17	Incremental Plant Security Costs Capital	$0	($0)	($0)	$0	($0)	$0	($0)	($0)	($0)	($0)	($0)	($0)	$0
18	Subtotal General	$0	($0)	($0)	$0	($0)	$0	($0)	($0)	($0)	($0)	($0)	($0)	$0
19														
20	**Intermediate**													
21	Incremental Plant Security Costs O&M	$208,517	$111,447	$304,318	$144,368	$138,485	$390,994	$192,143	$211,098	$135,242	$117,037	$114,075	$152,378	$2,220,101
22	Incremental Plant Security Costs Capital	$66,812	$66,824	$71,622	$77,262	$79,174	$82,149	$84,272	$84,602	$84,750	$84,782	$84,742	$84,655	$951,646
23	Subtotal Intermediate	$275,329	$178,271	$375,939	$221,630	$217,659	$473,143	$276,415	$295,700	$219,992	$201,819	$198,817	$237,033	$3,171,748
24														
25	**Peaking**													
26	Incremental Plant Security Costs O&M	$21,553	$20,649	$29,497	$31,261	$22,083	$29,189	$21,202	$29,646	$21,220	$21,592	$29,111	$21,141	$298,145
27	Incremental Plant Security Costs Capital	$4,918	$4,910	$4,902	$4,895	$4,887	$4,879	$4,871	$4,864	$4,856	$4,848	$4,840	$4,833	$58,503
28	Subtotal Peaking	$26,471	$25,559	$34,400	$36,156	$26,970	$34,068	$26,073	$34,510	$26,076	$26,440	$33,952	$25,973	$356,648
29														
30	**Solar**													
31	Incremental Plant Security Costs O&M	$13,322	$13,322	$13,322	$13,322	$13,322	$13,322	$13,322	$13,322	$13,322	$13,322	$13,322	$13,282	$159,824
32	Incremental Plant Security Costs Capital	$5,384	$5,358	$5,331	$5,305	$5,278	$5,251	$5,225	$5,198	$5,171	$5,145	$5,118	$5,092	$62,856
33	Subtotal Solar	$18,706	$18,680	$18,653	$18,627	$18,600	$18,573	$18,547	$18,520	$18,493	$18,467	$18,440	$18,374	$222,680
34														
35	Total	$25,170,658	$24,856,358	$26,377,686	$25,435,802	$24,987,122	$18,651,477	$18,211,229	$18,129,189	$17,996,842	$18,507,289	$18,438,018	$18,714,711	$255,476,382
36														
37	Totals may not add due to rounding													

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
PROJECTION FILING
JURISDICTIONALIZED CAPACITY COSTS

FOR THE ESTIMATED PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Line No.	Line	Jan - 2023	Feb - 2023	Mar - 2023	Apr - 2023	May - 2023	Jun - 2023	Jul - 2023	Aug - 2023	Sep - 2023	Oct - 2023	Nov - 2023	Dec - 2023	Total
1														
2	Total Capacity Costs	$25,170,658	$24,856,358	$26,377,686	$25,435,802	$24,987,122	$18,651,477	$18,211,229	$18,129,189	$17,996,842	$18,507,289	$18,438,018	$18,714,711	$255,476,382
3														
4	Total Base Capacity Costs	$24,850,151	$24,633,849	$25,948,694	$25,159,390	$24,723,893	$18,125,691	$17,890,195	$17,780,460	$17,732,281	$18,260,564	$18,186,810	$18,433,331	$251,725,306
5	Base Jurisdictional Factor	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%
6	Total Base Jurisdictionalized Capacity Costs	$23,868,024	$23,660,270	$24,923,149	$24,165,040	$23,746,755	$17,409,328	$17,183,138	$17,077,740	$17,031,466	$17,538,870	$17,468,031	$17,704,809	$241,776,619
7														
8	Total General Capacity Costs	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9	General Jurisdictional Factor	96.7270%	96.7270%	96.7270%	96.7270%	96.7270%	96.7270%	96.7270%	96.7270%	96.7270%	96.7270%	96.7270%	96.7270%	96.7270%
10	Total General Jurisdictionalized Capacity Costs	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
11														
12	Total Intermediate Capacity Costs	$275,329	$178,271	$375,939	$221,630	$217,659	$473,143	$276,415	$295,700	$219,992	$201,819	$198,817	$237,033	$3,171,748
13	Intermediate Jurisdictional Factor	95.4028%	95.4028%	95.4028%	95.4028%	95.4028%	95.4028%	95.4028%	95.4028%	95.4028%	95.4028%	95.4028%	95.4028%	95.4028%
14	Total Intermediate Jurisdictionalized Capacity Costs	$262,672	$170,076	$358,657	$211,441	$207,653	$451,392	$263,708	$282,106	$209,878	$192,541	$189,677	$226,136	$3,025,936
15														
16	Total Peaking Capacity Costs	$26,471	$25,559	$34,400	$36,156	$26,970	$34,068	$26,073	$34,510	$26,076	$26,440	$33,952	$25,973	$356,648
17	Peaking Jurisdictional Factor	95.3285%	95.3285%	95.3285%	95.3285%	95.3285%	95.3285%	95.3285%	95.3285%	95.3285%	95.3285%	95.3285%	95.3285%	95.3285%
18	Total Peaking Jurisdictionalized Capacity Costs	$25,235	$24,365	$32,793	$34,467	$25,710	$32,477	$24,855	$32,898	$24,858	$25,205	$32,366	$24,760	$339,987
19														
20	Total Solar Capacity Costs	$18,706	$18,680	$18,653	$18,627	$18,600	$18,573	$18,547	$18,520	$18,493	$18,467	$18,440	$18,374	$222,680
21	Solar Jurisdictional Factor	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%
22	Total Solar Jurisdictionalized Capacity Costs	$17,967	$17,941	$17,916	$17,890	$17,865	$17,839	$17,814	$17,788	$17,763	$17,737	$17,711	$17,647	$213,879
23														
24	Total Transmission Capacity Costs	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Transmission Jurisdictional Factor	89.9282%	89.9282%	89.9282%	89.9282%	89.9282%	89.9282%	89.9282%	89.9282%	89.9282%	89.9282%	89.9282%	89.9282%	89.9282%
26	Total Transmission Jurisdictionalized Capacity Costs	-	-	-	-	-	-	-	-	-	-	-	-	-
27														
28	Jurisdictionalized Capacity Costs	$24,173,897	$23,872,652	$25,332,515	$24,428,839	$23,997,983	$17,911,036	$17,489,515	$17,410,532	$17,283,965	$17,774,353	$17,707,784	$17,973,352	$245,356,422
29														
30														
31	FINAL TRUE-UP -- (Over)/Under Recovery													$303,310
32	ACT/EST TRUE-UP -- (Over)/Under Recovery													$2,922,069
33	Total Recoverable Capacity Costs													$248,581,801
34														
35	Totals may not add due to rounding													

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
PROJECTION FILING
CALCULATION OF ENERGY RATE DEMAND ALLOCATION % BY RATE CLASS

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Line No.	Rate Class Summary - Non-Fuel	Avg 12 CP Load Factor at Meter (%) [1]	Projected Sales at Meter (kWh) [2]	Projected Avg 12 CP at Meter (kW) [3]	Demand Loss Expansion Factor [4]	Energy Loss Expansion Factor [5]	Projected Sales at Generation (kWh) [6]	Projected Avg 12 CP at Generation (kW) [7]	Percentage of Sales at Generation (%) [8]	Percentage of Demand at Generation (%) [9]
1	RS1/RTR1	62.23%	67,365,434,409	12,357,622	1.063418	1.048268	70,617,026,550	13,141,315	54.37806%	57.63206%
2	GS1/GST1	59.72%	8,667,484,321	1,656,697	1.063418	1.048268	9,085,846,114	1,761,761	6.99648%	7.72631%
3	GSD1/GSDT1/HLFT1/GSD1-EV	70.61%	28,841,712,908	4,662,954	1.063320	1.048191	30,231,638,177	4,958,214	23.27962%	21.74456%
4	OS2	105.96%	11,010,633	1,186	1.035396	1.027335	11,311,609	1,228	0.00871%	0.00539%
5	GSLD1/GSLDT1/CS1/CST1/HLFT2/GSLD1-EV	69.95%	9,826,789,195	1,603,610	1.061779	1.047066	10,289,295,124	1,702,679	7.92319%	7.46721%
6	GSLD2/GSLDT2/CS2/CST2/HLFT3	81.33%	3,517,753,660	493,774	1.051350	1.039240	3,655,789,726	519,129	2.81511%	2.27667%
7	GSLD3/GSLDT3/CS3/CST3	83.96%	862,621,863	117,286	1.020846	1.016408	876,775,671	119,731	0.67515%	0.52509%
8	SST1T	62.47%	56,043,565	10,242	1.020846	1.016408	56,963,122	10,455	0.04386%	0.04585%
9	SST1D1/SST1D2/SST1D3	162.99%	2,057,529	144	1.035396	1.027335	2,113,772	149	0.00163%	0.00065%
10	CILC D/CILC G	85.40%	2,612,109,368	349,179	1.052055	1.039895	2,716,319,849	367,356	2.09168%	1.61106%
11	CILC T	92.90%	1,553,730,914	190,926	1.020846	1.016408	1,579,224,366	194,906	1.21607%	0.85477%
12	MET	75.17%	72,462,371	11,005	1.035396	1.027335	74,443,130	11,394	0.05732%	0.04997%
13	OL1/SL1/SL1M/PL1/OSI/II/LT1	43,484.58%	522,592,572	137	1.063418	1.048268	547,817,050	146	0.42184%	0.00064%
14	SL2/SL2M/GSCU1	100.72%	113,062,169	12,815	1.063418	1.048268	118,519,449	13,627	0.09126%	0.05976%
15	Total		124,024,865,477	21,467,576			129,863,083,709		100.00000%	100.00000%
16										

17 [1] Calculated: Col(4)/8760 hours / Col(5)

18 [2] Projected kwh sales for the period January 2023 through December 2023.

19 [3] AVG 12 CP load factor based on 2019 load research data and 2023 projections.

20 [4] Based on 2023 demand losses.

21 [5] Based on 2023 energy losses.

22 [6] Col(4) * Col(7)

23 [7] Col(5) * Col(6)

24 [8] Col(8) / Total for Col(8)

25 [9] Col(9) / Total for Col(9)

26

27 Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
PROJECTION FILING
CALCULATION OF CAPACITY PAYMENT RECOVERY FACTOR

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.	Rate Schedule	Percentage of Sales at Generation (%)	Percentage of Demand at Generation (%)	Energy Related Cost ($)	Demand Related Cost ($)	Total Capacity Costs ($)	Projected Sales at Meter (kwh)	Billing KW Load Factor (%)	Projected Billed KW at Meter (KW)	Capacity Recovery Factor ($/KW)	Capacity Recovery Factor ($/kwh)	RDC ($/KW)	SDD ($/KW)
1	RS1/RTR1	54.378061%	57.632062%	10,397,997	132,242,600	142,640,597	67,365,434,409				0.00212		
2	GS1/GST1	6.996481%	7.726313%	1,337,845	17,728,808	19,066,653	8,667,484,321				0.00220		
3	GSD1/GSDT1/HLFT1/GSD1-EV	23.279624%	21.744558%	4,451,455	49,895,090	54,346,544	28,841,712,908	52.633660%	75,064,504	0.72			
4	OS2	0.008710%	0.005386%	1,666	12,359	14,025	11,010,633				0.00127		
5	GSLD1/GSLDT1/CS1/CST1/HLFT2/GSLD1-EV	7.923187%	7.467205%	1,515,046	17,134,258	18,649,305	9,826,789,195	57.652918%	23,348,957	0.80			
6	GSLD2/GSLDT2/CS2/CST2/HLFT3	2.815111%	2.276673%	538,296	5,224,057	5,762,353	3,517,753,660	66.863714%	7,206,959	0.80			
7	GSLD3/GSLDT3/CS3/CST3	0.675154%	0.525086%	129,101	1,204,863	1,333,964	862,621,863	64.456167%	1,833,298	0.73			
8	SST1T	0.043864%	0.045853%	8,388	105,215	113,602	56,043,565	12.101605%	634,395			0.09	0.04
9	SST1D1/SST1D2/SST1D3	0.001628%	0.000654%	311	1,502	1,813	2,057,529	2.665607%	105,737			0.09	0.04
10	CILC D/CILC G	2.091680%	1.611061%	399,964	3,696,743	4,096,707	2,612,109,368	71.023370%	5,038,105	0.81			
11	CILC T	1.216069%	0.854773%	232,533	1,961,364	2,193,896	1,553,730,914	76.608188%	2,778,291	0.79			
12	MET	0.057324%	0.049970%	10,961	114,662	125,623	72,462,371	54.260811%	182,938	0.69			
13	OL1/SL1/SL1M/PL1/OSI/II/LT1	0.421842%	0.000640%	80,663	1,468	82,131	522,592,572				0.00016		
14	SL2/SL2M/GSCU1	0.091265%	0.059764%	17,451	137,134	154,585	113,062,169				0.00137		
15	Total			19,121,677	229,460,123	248,581,801	124,024,865,477		116,193,185				
16													
17	(1) Obtained from Page 3, Col(10)												
18	(2) Obtained from Page 3, Col(11)												
19	(3) (Total Capacity Costs/13) * Col(3)												
20	(4) (Total Capacity Costs/13 * 12) * Col(4)												
21	(5) Col(5) + Col(6)												
22	(6) Projected kwh sales for the period January 2023 through December 2023.												
23	(7) (kWh sales / 8760 hours)/(avg customer NCP)												
24	(8) Col(8) / (Col(9) *730)												
25	(9) Col(7) / Col(10)												
26	(10) Col(7) / Col(8)												
27	(11) RDC = Reservation Demand Charge - (Total Col 7)/(Page 3 Total Col 9)(.10)(Page 3 Col 6)/12 Months												
28	(12) SDD = Sum of Daily Demand Charge - (Total Col 7)/(Page 3 Total Col 9)/(21 on-peak days)(Page 3 Col 6)/12 Months												
29													
30	Note: There are currently no customers taking service on Schedules ISST1(D) and ISST1(T). Should any customer begin taking service on these schedules during the period, they will be billed using the applicable SST1 factor.												
31													
32	Totals may not add due to rounding												

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
PROJECTION FILING
Return on Capital Investments, Depreciation and Taxes

FOR THE ESTIMATED PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

	Beginning of Period	Jan - 2023	Feb - 2023	Mar - 2023	Apr - 2023	May - 2023	Jun - 2023	Jul - 2023	Aug - 2023	Sep - 2023	Oct - 2023	Nov - 2023	Dec - 2023	Total
202-INCREMENTAL SECURITY														
Base														
1. Investments														
a. Expenditures		$20,854	$20,854	$120,854	$120,854	$1,644,683	$491,200	$100,000	$100,000	$100,000	$3,080,700	$100,000	$100,000	$6,000,000
b. Additions to Plants		$661,868	$591,449	$539,751	$493,733	$620,172	$606,003	$550,416	$500,935	$456,890	$745,131	$674,260	$611,174	$7,051,781
c. Retirements		($1,963,944)	-	-	-	($327,658)	-	-	-	-	-	-	-	($2,291,601)
d. Cost of Removal		-	-	-	-	-	-	-	-	-	-	-	-	-
e. Salvage		-	-	-	-	-	-	-	-	-	-	-	-	-
f. Transfer Adjustments/Other		-	-	-	-	-	-	-	-	-	-	-	-	-
														-
2. Plant-In-Service/Depreciation Base	$42,207,768	$40,905,692	$41,497,141	$42,036,892	$42,530,624	$42,823,138	$43,429,142	$43,979,558	$44,480,492	$44,937,382	$45,682,513	$46,356,773	$46,967,947	
3. Less: Accumulated Depreciation	$6,068,568	$4,201,904	$4,283,800	$4,366,587	$4,450,193	$4,204,290	$4,284,279	$4,365,181	$4,446,920	$4,529,426	$4,612,882	$4,697,450	$4,783,032	
4. CWIP - Non Interest Bearing	$6,547,844	$5,906,830	$5,336,235	$4,917,338	$4,544,459	$5,568,971	$5,454,168	$5,003,752	$4,602,818	$4,245,928	$6,581,497	$6,007,237	$5,496,063	
5. Net Investment (Lines 2 - 3 + 4)	$42,687,044	$42,610,618	$42,549,576	$42,587,643	$42,624,891	$44,187,820	$44,599,031	$44,618,128	$44,636,390	$44,653,884	$47,651,129	$47,666,560	$47,680,979	
6. Average Net Investment		$42,648,831	$42,580,097	$42,568,609	$42,606,267	$43,406,356	$44,393,425	$44,608,580	$44,627,259	$44,645,137	$46,152,506	$47,658,844	$47,673,769	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes [1]		$251,106	$250,701	$250,633	$250,855	$255,566	$261,377	$262,644	$262,754	$262,859	$271,734	$280,603	$280,691	$3,141,525
b. Debt Component (Line 6 x debt rate) [2]		$46,457	$46,382	$46,370	$46,411	$47,283	$48,358	$48,592	$48,612	$48,632	$50,274	$51,915	$51,931	$581,217
8. Investment Expenses														
a. Depreciation		$97,280	$81,897	$82,787	$83,605	$81,755	$79,989	$80,903	$81,739	$82,506	$83,456	$84,568	$85,582	$1,006,065
b. Amortization		-	-	-	-	-	-	-	-	-	-	-	-	-
c. Dismantlements		-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other		-	-	-	-	-	-	-	-	-	-	-	-	-
9. Total System Recoverable Expenses (Lines 7 & 8)		$394,843	$378,980	$379,790	$380,872	$384,603	$389,724	$392,139	$393,105	$393,997	$405,464	$417,087	$418,204	$4,728,808

[1] The Equity Component for the period has been grossed up for taxes. The approved ROE is 10.6%. See Schedule 8P.

[2] The Debt Component for the period is based on the Forecasted Surveillance Report. See Schedule 8P.

Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
PROJECTION FILING
JURISDICTIONALIZED CAPACITY COSTS

FOR THE ESTIMATED PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Line No.	Line	Jan - 2023	Feb - 2023	Mar - 2023	Apr - 2023	May - 2023	Jun - 2023	Jul - 2023	Aug - 2023	Sep - 2023	Oct - 2023	Nov - 2023	Dec - 2023	Total
1														
2	Total Capacity Costs	$25,170,658	$24,856,358	$26,377,686	$25,435,802	$24,987,122	$18,651,477	$18,211,229	$18,129,189	$17,996,842	$18,507,289	$18,438,018	$18,714,711	$255,476,382
3														
4	Total Base Capacity Costs	$24,850,151	$24,633,849	$25,948,694	$25,159,390	$24,723,893	$18,125,691	$17,890,195	$17,780,460	$17,732,281	$18,260,564	$18,186,810	$18,433,331	$251,725,306
5	Base Jurisdictional Factor	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%
6	Total Base Jurisdictionalized Capacity Costs	$23,868,024	$23,660,270	$24,923,149	$24,165,040	$23,746,755	$17,409,328	$17,183,138	$17,077,740	$17,031,466	$17,538,870	$17,468,031	$17,704,809	$241,776,619
7														
8	Total General Capacity Costs	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9	General Jurisdictional Factor	96.7270%	96.7270%	96.7270%	96.7270%	96.7270%	96.7270%	96.7270%	96.7270%	96.7270%	96.7270%	96.7270%	96.7270%	96.7270%
10	Total General Jurisdictionalized Capacity Costs	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
11														
12	Total Intermediate Capacity Costs	$275,329	$178,271	$375,939	$221,630	$217,659	$473,143	$276,415	$295,700	$219,992	$201,819	$198,817	$237,033	$3,171,748
13	Intermediate Jurisdictional Factor	95.4028%	95.4028%	95.4028%	95.4028%	95.4028%	95.4028%	95.4028%	95.4028%	95.4028%	95.4028%	95.4028%	95.4028%	95.4028%
14	Total Intermediate Jurisdictionalized Capacity Costs	$262,672	$170,076	$358,657	$211,441	$207,653	$451,392	$263,708	$282,106	$209,878	$192,541	$189,677	$226,136	$3,025,936
15														
16	Total Peaking Capacity Costs	$26,471	$25,559	$34,400	$36,156	$26,970	$34,068	$26,073	$34,510	$26,076	$26,440	$33,952	$25,973	$356,648
17	Peaking Jurisdictional Factor	95.3285%	95.3285%	95.3285%	95.3285%	95.3285%	95.3285%	95.3285%	95.3285%	95.3285%	95.3285%	95.3285%	95.3285%	95.3285%
18	Total Peaking Jurisdictionalized Capacity Costs	$25,235	$24,365	$32,793	$34,467	$25,710	$32,477	$24,855	$32,898	$24,858	$25,205	$32,366	$24,760	$339,987
19														
20	Total Solar Capacity Costs	$18,706	$18,680	$18,653	$18,627	$18,600	$18,573	$18,547	$18,520	$18,493	$18,467	$18,440	$18,374	$222,680
21	Solar Jurisdictional Factor	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%	96.0478%
22	Total Solar Jurisdictionalized Capacity Costs	$17,967	$17,941	$17,916	$17,890	$17,865	$17,839	$17,814	$17,788	$17,763	$17,737	$17,711	$17,647	$213,879
23														
24	Total Transmission Capacity Costs	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Transmission Jurisdictional Factor	89.9282%	89.9282%	89.9282%	89.9282%	89.9282%	89.9282%	89.9282%	89.9282%	89.9282%	89.9282%	89.9282%	89.9282%	89.9282%
26	Total Transmission Jurisdictionalized Capacity Costs	-	-	-	-	-	-	-	-	-	-	-	-	-
27														
28	Jurisdictionalized Capacity Costs	$24,173,897	$23,872,652	$25,332,515	$24,428,839	$23,997,983	$17,911,036	$17,489,515	$17,410,532	$17,283,965	$17,774,353	$17,707,784	$17,973,352	$245,356,422
29														
30														
31	FINAL TRUE-UP -- (Over)/Under Recovery													$303,310
32	ACT/EST TRUE-UP -- (Over)/Under Recovery													$2,922,069
33	Total Recoverable Capacity Costs													$248,581,801
34														
35	Totals may not add due to rounding													

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
PROJECTION FILING
CALCULATION OF ENERGY RATE DEMAND ALLOCATION % BY RATE CLASS

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Line No.	Rate Class Summary - Non-Fuel	Avg 12 CP Load Factor at Meter (%) [1]	Projected Sales at Meter (kWh) [2]	Projected Avg 12 CP at Meter (kW) [3]	Demand Loss Expansion Factor [4]	Energy Loss Expansion Factor [5]	Projected Sales at Generation (kWh) [6]	Projected Avg 12 CP at Generation (kW) [7]	Percentage of Sales at Generation (%) [8]	Percentage of Demand at Generation (%) [9]
1	RS1/RTR1	62.23%	67,365,434,409	12,357,622	1.063418	1.048268	70,617,026,550	13,141,315	54.37806%	57.63206%
2	GS1/GST1	59.72%	8,667,484,321	1,656,697	1.063418	1.048268	9,085,846,114	1,761,761	6.99648%	7.72631%
3	GSD1/GSDT1/HLFT1/GSD1-EV	70.61%	28,841,712,908	4,662,954	1.063320	1.048191	30,231,638,177	4,958,214	23.27962%	21.74456%
4	OS2	105.96%	11,010,633	1,186	1.035396	1.027335	11,311,609	1,228	0.00871%	0.00539%
5	GSLD1/GSLDT1/CS1/CST1/HLFT2/GSLD1-EV	69.95%	9,826,789,195	1,603,610	1.061779	1.047066	10,289,295,124	1,702,679	7.92319%	7.46721%
6	GSLD2/GSLDT2/CS2/CST2/HLFT3	81.33%	3,517,753,660	493,774	1.051350	1.039240	3,655,789,726	519,129	2.81511%	2.27667%
7	GSLD3/GSLDT3/CS3/CST3	83.96%	862,621,863	117,286	1.020846	1.016408	876,775,671	119,731	0.67515%	0.52509%
8	SST1T	62.47%	56,043,565	10,242	1.020846	1.016408	56,963,122	10,455	0.04386%	0.04585%
9	SST1D1/SST1D2/SST1D3	162.99%	2,057,529	144	1.035396	1.027335	2,113,772	149	0.00163%	0.00065%
10	CILC D/CILC G	85.40%	2,612,109,368	349,179	1.052055	1.039895	2,716,319,849	367,356	2.09168%	1.61106%
11	CILC T	92.90%	1,553,730,914	190,926	1.020846	1.016408	1,579,224,366	194,906	1.21607%	0.85477%
12	MET	75.17%	72,462,371	11,005	1.035396	1.027335	74,443,130	11,394	0.05732%	0.04997%
13	OL1/SL1/SL1M/PL1/OSI/II/LT1	43,484.58%	522,592,572	137	1.063418	1.048268	547,817,050	146	0.42184%	0.00064%
14	SL2/SL2M/GSCU1	100.72%	113,062,169	12,815	1.063418	1.048268	118,519,449	13,627	0.09126%	0.05976%
15	Total		124,024,865,477	21,467,576			129,863,083,709		100.00000%	100.00000%
16										

17 [1] Calculated: Col(4)/8760 hours / Col(5)

18 [2] Projected kwh sales for the period January 2023 through December 2023.

19 [3] AVG 12 CP load factor based on 2019 load research data and 2023 projections.

20 [4] Based on 2023 demand losses.

21 [5] Based on 2023 energy losses.

22 [6] Col(4) * Col(7)

23 [7] Col(5) * Col(6)

24 [8] Col(8) / Total for Col(8)

25 [9] Col(9) / Total for Col(9)

26

27 Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
PROJECTION FILING
CALCULATION OF CAPACITY PAYMENT RECOVERY FACTOR

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.	Rate Schedule	Percentage of Sales at Generation (%)	Percentage of Demand at Generation (%)	Energy Related Cost ($)	Demand Related Cost ($)	Total Capacity Costs ($)	Projected Sales at Meter (kwh)	Billing KW Load Factor (%)	Projected Billed KW at Meter (KW)	Capacity Recovery Factor ($/KW)	Capacity Recovery Factor ($/kwh)	RDC ($/KW)	SDD ($/KW)
1	RS1/RTR1	54.378061%	57.632062%	10,397,997	132,242,600	142,640,597	67,365,434,409				0.00212		
2	GS1/GST1	6.996481%	7.726313%	1,337,845	17,728,808	19,066,653	8,667,484,321				0.00220		
3	GSD1/GSDT1/HLFT1/GSD1-EV	23.279624%	21.744558%	4,451,455	49,895,090	54,346,544	28,841,712,908	52.633660%	75,064,504	0.72			
4	OS2	0.008710%	0.005386%	1,666	12,359	14,025	11,010,633				0.00127		
5	GSLD1/GSLDT1/CS1/CST1/HLFT2/GSLD1-EV	7.923187%	7.467205%	1,515,046	17,134,258	18,649,305	9,826,789,195	57.652918%	23,348,957	0.80			
6	GSLD2/GSLDT2/CS2/CST2/HLFT3	2.815111%	2.276673%	538,296	5,224,057	5,762,353	3,517,753,660	66.863714%	7,206,959	0.80			
7	GSLD3/GSLDT3/CS3/CST3	0.675154%	0.525086%	129,101	1,204,863	1,333,964	862,621,863	64.456167%	1,833,298	0.73			
8	SST1T	0.043864%	0.045853%	8,388	105,215	113,602	56,043,565	12.101605%	634,395			0.09	0.04
9	SST1D1/SST1D2/SST1D3	0.001628%	0.000654%	311	1,502	1,813	2,057,529	2.665607%	105,737			0.09	0.04
10	CILC D/CILC G	2.091680%	1.611061%	399,964	3,696,743	4,096,707	2,612,109,368	71.023370%	5,038,105	0.81			
11	CILC T	1.216069%	0.854773%	232,533	1,961,364	2,193,896	1,553,730,914	76.608188%	2,778,291	0.79			
12	MET	0.057324%	0.049970%	10,961	114,662	125,623	72,462,371	54.260811%	182,938	0.69			
13	OL1/SL1/SL1M/PL1/OSI/II/LT1	0.421842%	0.000640%	80,663	1,468	82,131	522,592,572				0.00016		
14	SL2/SL2M/GSCU1	0.091265%	0.059764%	17,451	137,134	154,585	113,062,169				0.00137		
15	Total			19,121,677	229,460,123	248,581,801	124,024,865,477		116,193,185				
16													
17	(1) Obtained from Page 3, Col(10)												
18	(2) Obtained from Page 3, Col(11)												
19	(3) (Total Capacity Costs/13) * Col(3)												
20	(4) (Total Capacity Costs/13 * 12) * Col(4)												
21	(5) Col(5) + Col(6)												
22	(6) Projected kwh sales for the period January 2023 through December 2023.												
23	(7) (kWh sales / 8760 hours)/(avg customer NCP)												
24	(8) Col(8) / (Col(9) *730)												
25	(9) Col(7) / Col(10)												
26	(10) Col(7) / Col(8)												
27	(11) RDC = Reservation Demand Charge - (Total Col 7)/(Page 3 Total Col 9)(.10)(Page 3 Col 6)/12 Months												
28	(12) SDD = Sum of Daily Demand Charge - (Total Col 7)/(Page 3 Total Col 9)/(21 on-peak days)(Page 3 Col 6)/12 Months												
29													
30	Note: There are currently no customers taking service on Schedules ISST1(D) and ISST1(T). Should any customer begin taking service on these schedules during the period, they will be billed using the applicable SST1 factor.												
31													
32	Totals may not add due to rounding												

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
PROJECTION FILING
Return on Capital Investments, Depreciation and Taxes

FOR THE ESTIMATED PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

	Beginning of Period	Jan - 2023	Feb - 2023	Mar - 2023	Apr - 2023	May - 2023	Jun - 2023	Jul - 2023	Aug - 2023	Sep - 2023	Oct - 2023	Nov - 2023	Dec - 2023	Total
202-INCREMENTAL SECURITY														
Base														
1. Investments														
a. Expenditures		$20,854	$20,854	$120,854	$120,854	$1,644,683	$491,200	$100,000	$100,000	$100,000	$3,080,700	$100,000	$100,000	$6,000,000
b. Additions to Plants		$661,868	$591,449	$539,751	$493,733	$620,172	$606,003	$550,416	$500,935	$456,890	$745,131	$674,260	$611,174	$7,051,781
c. Retirements		($1,963,944)	-	-	-	($327,658)	-	-	-	-	-	-	-	($2,291,601)
d. Cost of Removal		-	-	-	-	-	-	-	-	-	-	-	-	-
e. Salvage		-	-	-	-	-	-	-	-	-	-	-	-	-
f. Transfer Adjustments/Other		-	-	-	-	-	-	-	-	-	-	-	-	-
														-
2. Plant-In-Service/Depreciation Base	$42,207,768	$40,905,692	$41,497,141	$42,036,892	$42,530,624	$42,823,138	$43,429,142	$43,979,558	$44,480,492	$44,937,382	$45,682,513	$46,356,773	$46,967,947	
3. Less: Accumulated Depreciation	$6,068,568	$4,201,904	$4,283,800	$4,366,587	$4,450,193	$4,204,290	$4,284,279	$4,365,181	$4,446,920	$4,529,426	$4,612,882	$4,697,450	$4,783,032	
4. CWIP - Non Interest Bearing	$6,547,844	$5,906,830	$5,336,235	$4,917,338	$4,544,459	$5,568,971	$5,454,168	$5,003,752	$4,602,818	$4,245,928	$6,581,497	$6,007,237	$5,496,063	
5. Net Investment (Lines 2 - 3 + 4)	$42,687,044	$42,610,618	$42,549,576	$42,587,643	$42,624,891	$44,187,820	$44,599,031	$44,618,128	$44,636,390	$44,653,884	$47,651,129	$47,666,560	$47,680,979	
6. Average Net Investment		$42,648,831	$42,580,097	$42,568,609	$42,606,267	$43,406,356	$44,393,425	$44,608,580	$44,627,259	$44,645,137	$46,152,506	$47,658,844	$47,673,769	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes [1]		$251,106	$250,701	$250,633	$250,855	$255,566	$261,377	$262,644	$262,754	$262,859	$271,734	$280,603	$280,691	$3,141,525
b. Debt Component (Line 6 x debt rate) [2]		$46,457	$46,382	$46,370	$46,411	$47,283	$48,358	$48,592	$48,612	$48,632	$50,274	$51,915	$51,931	$581,217
8. Investment Expenses														
a. Depreciation		$97,280	$81,897	$82,787	$83,605	$81,755	$79,989	$80,903	$81,739	$82,506	$83,456	$84,568	$85,582	$1,006,065
b. Amortization		-	-	-	-	-	-	-	-	-	-	-	-	-
c. Dismantlements		-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other		-	-	-	-	-	-	-	-	-	-	-	-	-
9. Total System Recoverable Expenses (Lines 7 & 8)		$394,843	$378,980	$379,790	$380,872	$384,603	$389,724	$392,139	$393,105	$393,997	$405,464	$417,087	$418,204	$4,728,808

[1] The Equity Component for the period has been grossed up for taxes. The approved ROE is 10.6%. See Schedule 8P.

[2] The Debt Component for the period is based on the Forecasted Surveillance Report. See Schedule 8P.

Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
PROJECTION FILING
Return on Capital Investments, Depreciation and Taxes

FOR THE ESTIMATED PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

Line	Beginning of Period	Jan - 2023	Feb - 2023	Mar - 2023	Apr - 2023	May - 2023	Jun - 2023	Jul - 2023	Aug - 2023	Sep - 2023	Oct - 2023	Nov - 2023	Dec - 2023	Total
202-INCREMENTAL SECURITY														
Intermediate														
1. Investments														
a. Expenditures		-	-	$1,194,644	$117,218	$208,333	$430,555	-	-	-	-	-	-	$1,950,751
b. Additions to Plants		$47,066	$36,416	$477,566	$346,237	$297,629	$350,160	$220,396	$139,003	$87,885	$55,731	$35,468	$22,668	$2,116,225
c. Retirements		($614)	($614)	($614)	($614)	($614)	($614)	($614)	($614)	($614)	($614)	($614)	($614)	($7,368)
d. Cost of Removal		-	-	-	-	-	-	-	-	-	-	-	-	-
e. Salvage		-	-	-	-	-	-	-	-	-	-	-	-	-
f. Transfer Adjustments/Other		-	-	-	-	-	-	-	-	-	-	-	-	-
														-
2. Plant-In-Service/Depreciation Base	$7,710,288	$7,756,740	$7,792,542	$8,269,494	$8,615,117	$8,912,132	$9,261,678	$9,481,460	$9,619,849	$9,707,120	$9,762,237	$9,797,090	$9,819,144	
3. Less: Accumulated Depreciation	$930,995	$948,250	$965,641	$983,791	$1,003,140	$1,023,407	$1,044,569	$1,066,508	$1,088,935	$1,111,671	$1,134,604	$1,157,661	$1,180,797	
4. CWIP - Non Interest Bearing	$244,629	$197,563	$161,147	$878,226	$649,207	$559,911	$640,307	$419,911	$280,908	$193,023	$137,292	$101,824	$79,156	
5. Net Investment (Lines 2 - 3 + 4)	$7,023,922	$7,006,054	$6,988,048	$8,163,929	$8,261,184	$8,448,636	$8,857,415	$8,834,863	$8,811,822	$8,788,471	$8,764,925	$8,741,254	$8,717,503	
6. Average Net Investment		$7,014,988	$6,997,051	$7,575,989	$8,212,557	$8,354,910	$8,653,026	$8,846,139	$8,823,342	$8,800,146	$8,776,698	$8,753,089	$8,729,378	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes [1]		$41,302	$41,197	$44,606	$48,353	$49,192	$50,947	$52,084	$51,950	$51,813	$51,675	$51,536	$51,396	$586,051
b. Debt Component (Line 6 x debt rate) [2]		$7,641	$7,622	$8,253	$8,946	$9,101	$9,426	$9,636	$9,611	$9,586	$9,560	$9,535	$9,509	$108,426
8. Investment Expenses														
a. Depreciation		$17,868	$18,006	$18,764	$19,963	$20,881	$21,776	$22,552	$23,041	$23,351	$23,546	$23,671	$23,750	$257,170
b. Amortization		-	-	-	-	-	-	-	-	-	-	-	-	-
c. Dismantlements		-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other		-	-	-	-	-	-	-	-	-	-	-	-	-
9. Total System Recoverable Expenses (Lines 7 & 8)		$66,812	$66,824	$71,622	$77,262	$79,174	$82,149	$84,272	$84,602	$84,750	$84,782	$84,742	$84,655	$951,646

[1] The Equity Component for the period has been grossed up for taxes. The approved ROE is 10.6%. See Schedule 8P.

[2] The Debt Component for the period is based on the Forecasted Surveillance Report. See Schedule 8P.

Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
PROJECTION FILING
Return on Capital Investments, Depreciation and Taxes

FOR THE ESTIMATED PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

Line	Beginning of Period	Jan - 2023	Feb - 2023	Mar - 2023	Apr - 2023	May - 2023	Jun - 2023	Jul - 2023	Aug - 2023	Sep - 2023	Oct - 2023	Nov - 2023	Dec - 2023	2023
202-INCREMENTAL SECURITY														
Peaking														
1. Investments														
a. Expenditures		-	-	-	-	-	-	-	-	-	-	-	-	-
b. Additions to Plants		-	-	-	-	-	-	-	-	-	-	-	-	-
c. Retirements		-	-	-	-	-	-	-	-	-	-	-	-	-
d. Cost of Removal		-	-	-	-	-	-	-	-	-	-	-	-	-
e. Salvage		-	-	-	-	-	-	-	-	-	-	-	-	-
f. Transfer Adjustments/Other		-	-	-	-	-	-	-	-	-	-	-	-	-
														-
2. Plant-In-Service/Depreciation Base	$724,529	$724,529	$724,529	$724,529	$724,529	$724,529	$724,529	$724,529	$724,529	$724,529	$724,529	$724,529	$724,529	
3. Less: Accumulated Depreciation	$141,385	$142,494	$143,603	$144,712	$145,821	$146,930	$148,039	$149,148	$150,257	$151,366	$152,475	$153,584	$154,693	
4. CWIP - Non Interest Bearing	($36,696)	($36,696)	($36,696)	($36,696)	($36,696)	($36,696)	($36,696)	($36,696)	($36,696)	($36,696)	($36,696)	($36,696)	($36,696)	
5. Net Investment (Lines 2 - 3 + 4)	$546,448	$545,339	$544,230	$543,121	$542,012	$540,903	$539,794	$538,685	$537,576	$536,467	$535,357	$534,248	$533,139	
6. Average Net Investment		$545,894	$544,784	$543,675	$542,566	$541,457	$540,348	$539,239	$538,130	$537,021	$535,912	$534,803	$533,694	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes [1]		$3,214	$3,208	$3,201	$3,194	$3,188	$3,181	$3,175	$3,168	$3,162	$3,155	$3,149	$3,142	$38,138
b. Debt Component (Line 6 x debt rate) [2]		$595	$593	$592	$591	$590	$589	$587	$586	$585	$584	$583	$581	$7,056
8. Investment Expenses														
a. Depreciation		$1,109	$1,109	$1,109	$1,109	$1,109	$1,109	$1,109	$1,109	$1,109	$1,109	$1,109	$1,109	$13,309
b. Amortization		-	-	-	-	-	-	-	-	-	-	-	-	-
c. Dismantlements		-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other		-	-	-	-	-	-	-	-	-	-	-	-	-
9. Total System Recoverable Expenses (Lines 7 & 8)		$4,918	$4,910	$4,902	$4,895	$4,887	$4,879	$4,871	$4,864	$4,856	$4,848	$4,840	$4,833	$58,503

[1] The Equity Component for the period has been grossed up for taxes. The approved ROE is 10.6%. See Schedule 8P.

[2] The Debt Component for the period is based on the Forecasted Surveillance Report. See Schedule 8P.

Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
PROJECTION FILING
Return on Capital Investments, Depreciation and Taxes

FOR THE ESTIMATED PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

Line	Beginning of Period	Jan - 2023	Feb - 2023	Mar - 2023	Apr - 2023	May - 2023	Jun - 2023	Jul - 2023	Aug - 2023	Sep - 2023	Oct - 2023	Nov - 2023	Dec - 2023	Total
203-INCREMENTAL SECURITY - SOLAR														
Solar														
1. Investments														
a. Expenditures		-	-	-	-	-	-	-	-	-	-	-	-	-
b. Additions to Plants		-	-	-	-	-	-	-	-	-	-	-	-	-
c. Retirements		-	-	-	-	-	-	-	-	-	-	-	-	-
d. Cost of Removal		-	-	-	-	-	-	-	-	-	-	-	-	-
e. Salvage		-	-	-	-	-	-	-	-	-	-	-	-	-
f. Transfer Adjustments/Other		-	-	-	-	-	-	-	-	-	-	-	-	-
														-
2. Plant-In-Service/Depreciation Base	$329,524	$329,524	$329,524	$329,524	$329,524	$329,524	$329,524	$329,524	$329,524	$329,524	$329,524	$329,524	$329,524	
3. Less: Accumulated Depreciation	$101,891	$105,701	$109,510	$113,320	$117,129	$120,938	$124,747	$128,557	$132,366	$136,175	$139,984	$143,793	$147,602	
4. CWIP - Non Interest Bearing	-	-	-	-	-	-	-	-	-	-	-	-	-	
5. Net Investment (Lines 2 - 3 + 4)	$227,633	$223,823	$220,014	$216,205	$212,395	$208,586	$204,777	$200,968	$197,158	$193,349	$189,540	$185,731	$181,922	
6. Average Net Investment		$225,728	$221,919	$218,109	$214,300	$210,491	$206,682	$202,872	$199,063	$195,254	$191,445	$187,636	$183,827	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes [1][3]		$1,329	$1,307	$1,284	$1,262	$1,239	$1,217	$1,194	$1,172	$1,150	$1,127	$1,105	$1,082	$14,468
b. Debt Component (Line 6 x debt rate) [2][3]		$246	$242	$238	$233	$229	$225	$221	$217	$213	$209	$204	$200	$2,677
8. Investment Expenses														
a. Depreciation		$3,809	$3,809	$3,809	$3,809	$3,809	$3,809	$3,809	$3,809	$3,809	$3,809	$3,809	$3,809	$45,711
b. Amortization		-	-	-	-	-	-	-	-	-	-	-	-	-
c. Dismantlements		-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other		-	-	-	-	-	-	-	-	-	-	-	-	-
9. Total System Recoverable Expenses (Lines 7 & 8)		$5,384	$5,358	$5,331	$5,305	$5,278	$5,251	$5,225	$5,198	$5,171	$5,145	$5,118	$5,092	$62,856

[1] The Equity Component for the period has been grossed up for taxes. The approved ROE is 10.6%. See Schedule 8P.

[2] The Debt Component for the period is based on the Forecasted Surveillance Report. See Schedule 8P.

[3] Per Order No. PSC-2020-0165-PAA-EU, WACC is based on the December 2021 ESR, approved ROE midpoint, and the proration formula adjustment to accumulated deferred federal income taxes.

Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
PROJECTION FILING
Return on Capital Investments, Depreciation and Taxes

FOR THE ESTIMATED PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

Line	Beginning of Period	Jan - 2023	Feb - 2023	Mar - 2023	Apr - 2023	May - 2023	Jun - 2023	Jul - 2023	Aug - 2023	Sep - 2023	Oct - 2023	Nov - 2023	Dec - 2023	Total
201-FUKUSHIMA														
Base														
1. Investments														
a. Expenditures		-	-	-	-	-	-	-	-	-	-	-	-	-
b. Additions to Plants		$23	$21	$18	$16	$15	$13	$12	$10	$9	$8	$7	$6	$159
c. Retirements		($208,794)	($220,086)	($220,086)	($220,086)	($1,908,048)	($220,086)	($218,136)	($219,761)	($219,761)	($219,761)	($219,761)	($219,761)	($4,314,122)
d. Cost of Removal		-	-	-	-	-	-	-	-	-	-	-	-	-
e. Salvage		-	-	-	-	-	-	-	-	-	-	-	-	-
f. Transfer Adjustments/Other		-	-	-	-	-	-	-	-	-	-	-	-	-
														-
2. Plant-In-Service/Depreciation Base	$101,547,848	$101,339,077	$101,119,013	$100,898,946	$100,678,876	$98,770,843	$98,550,771	$98,332,647	$98,112,897	$97,893,145	$97,673,393	$97,453,640	$97,233,886	
3. Less: Accumulated Depreciation	$10,669,312	$10,684,180	$10,687,341	$10,690,020	$10,692,218	$8,995,925	$8,977,064	$8,959,684	$8,940,211	$8,920,259	$8,899,830	$8,878,924	$8,857,539	
4. CWIP - Non Interest Bearing	($214)	($237)	($258)	($276)	($293)	($307)	($320)	($332)	($342)	($351)	($359)	($367)	($373)	
5. Net Investment (Lines 2 - 3 + 4)	$90,878,322	$90,654,661	$90,431,414	$90,208,649	$89,986,366	$89,774,611	$89,573,386	$89,372,631	$89,172,344	$88,972,535	$88,773,203	$88,574,349	$88,375,973	
6. Average Net Investment		$90,766,491	$90,543,038	$90,320,032	$90,097,507	$89,880,489	$89,673,999	$89,473,009	$89,272,487	$89,072,439	$88,872,869	$88,673,776	$88,475,161	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes [1]		$534,410	$533,095	$531,782	$530,472	$529,194	$527,978	$526,795	$525,614	$524,436	$523,261	$522,089	$520,920	$6,330,046
b. Debt Component (Line 6 x debt rate) [2]		$98,872	$98,629	$98,386	$98,143	$97,907	$97,682	$97,463	$97,245	$97,027	$96,809	$96,592	$96,376	$1,171,130
8. Investment Expenses														
a. Depreciation		$223,661	$223,247	$222,765	$222,283	$211,754	$201,225	$200,755	$200,287	$199,809	$199,331	$198,854	$198,376	$2,502,349
b. Amortization		-	-	-	-	-	-	-	-	-	-	-	-	-
c. Dismantlements		-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other		-	-	-	-	-	-	-	-	-	-	-	-	-
9. Total System Recoverable Expenses (Lines 7 & 8)		$856,944	$854,970	$852,932	$850,898	$838,855	$826,885	$825,013	$823,146	$821,272	$819,402	$817,535	$815,672	$10,003,524

[1] The Equity Component for the period has been grossed up for taxes. The approved ROE is 10.6%. See Schedule 8P.

[2] The Debt Component for the period is based on the Forecasted Surveillance Report. See Schedule 8P.

Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
PROJECTION FILING
Cedar Bay Transaction - Regulatory Asset Related to the Loss of the PPA and Income Tax Gross-Up

FOR THE ESTIMATED PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

Line No.	Line	Beginning of Period	Jan - 2023	Feb - 2023	Mar - 2023	Apr - 2023	May - 2023	Jun - 2023	Jul - 2023	Aug - 2023	Sep - 2023	Oct - 2023	Nov - 2023	Dec - 2023	Total
1	Regulatory Asset Loss of PPA [1]		$111,535,725	$106,888,403	$102,241,081	$97,593,759	$92,946,437	$88,299,115	$83,651,793	$79,004,471	$74,357,149	$69,709,827	$65,062,505	$60,415,183	
2															
3	Regulatory Asset - Loss of PPA Amort		$4,647,322	$4,647,322	$4,647,322	$4,647,322	$4,647,322	$4,647,322	$4,647,322	$4,647,322	$4,647,322	$4,647,322	$4,647,322	$4,647,322	$55,767,864
4															
5	Unamortized Regulatory Asset - Loss of PPA	$111,535,725	$106,888,403	$102,241,081	$97,593,759	$92,946,437	$88,299,115	$83,651,793	$79,004,471	$74,357,149	$69,709,827	$65,062,505	$60,415,183	$55,767,861	
6															
7	Average Unamortized Regulatory Asset - Loss of PPA		$109,212,064	$104,564,742	$99,917,420	$95,270,098	$90,622,776	$85,975,454	$81,328,132	$76,680,810	$72,033,488	$67,386,166	$62,738,844	$58,091,522	
8															
9	Regulatory Asset - Income Tax Gross Up [1]		$70,044,601	$67,126,076	$64,207,551	$61,289,026	$58,370,501	$55,451,976	$52,533,451	$49,614,926	$46,696,401	$43,777,876	$40,859,351	$37,940,826	
10															
11	Regulatory Asset Amortization - Income Tax Gross-Up		$2,918,525	$2,918,525	$2,918,525	$2,918,525	$2,918,525	$2,918,525	$2,918,525	$2,918,525	$2,918,525	$2,918,525	$2,918,525	$2,918,525	$35,022,300
12															
13	Unamortized Regulatory Asset - Income Tax Gross Up	$70,044,601	$67,126,076	$64,207,551	$61,289,026	$58,370,501	$55,451,976	$52,533,451	$49,614,926	$46,696,401	$43,777,876	$40,859,351	$37,940,826	$35,022,301	
14															
15	Return on Unamortized Regulatory Asset - Loss of PPA only														
16	Equity Component		$480,042	$459,614	$439,187	$418,760	$398,332	$377,905	$357,478	$337,051	$316,623	$296,196	$275,769	$255,341	$4,412,297
17															
18	Equity Comp. grossed up for taxes [2]		$643,013	$615,651	$588,289	$560,927	$533,564	$506,202	$478,840	$451,477	$424,115	$396,753	$369,391	$342,028	$5,910,250
19															
20	Debt Component [3]		$118,965	$113,902	$108,840	$103,778	$98,715	$93,653	$88,591	$83,528	$78,466	$73,404	$68,341	$63,279	$1,093,463
21															
22	Total Return Requirements (Line 18 + 20)		$761,978	$729,553	$697,129	$664,704	$632,280	$599,855	$567,430	$535,006	$502,581	$470,157	$437,732	$405,307	$7,003,713
23	Total Recoverable Costs (Line 3 + 11 + 22)		$8,327,825	$8,295,400	$8,262,976	$8,230,551	$8,198,127	$8,165,702	$8,133,277	$8,100,853	$8,068,428	$8,036,004	$8,003,579	$7,971,154	$97,793,877
24															
25															

26 [1] Recovery of the Cedar Bay Transaction is based on the settlement agreement approved by the FPSC in Docket No. 150075-EI, Order No. PSC-15-0401-AS-EI.

27 [2] The Equity Component for the period has been grossed up for taxes. The approved ROE is 10.6%. See Schedule 8P.

28 [3] The Debt Component for the period is based on the Forecasted Surveillance Report. See Schedule 8P.

29

30 Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
PROJECTION FILING
Cedar Bay Transaction - Regulatory Liability - Book/Tax Timing Difference Associated to Plant Asset

FOR THE ESTIMATED PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

Line No.	Line	Beginning of Period	Jan - 2023	Feb - 2023	Mar - 2023	Apr - 2023	May - 2023	Jun - 2023	Jul - 2023	Aug - 2023	Sep - 2023	Oct - 2023	Nov - 2023	Dec - 2023	Total
1	Regulatory Liability - Book/Tax Timing Difference [1]		($1,460,869)	($1,400,001)	($1,339,133)	($1,278,265)	($1,217,397)	($1,156,529)	($1,095,661)	($1,034,793)	($973,925)	($913,057)	($852,189)	($791,321)	
2															-
3	Regulatory Liability Amortization		$60,868	$60,868	$60,868	$60,868	$60,868	$60,868	$60,868	$60,868	$60,868	$60,868	$60,868	$60,868	$730,416
4															
5	Unamortized Regulatory Liability - Book/Tax Timing Diff	($1,460,869)	($1,400,001)	($1,339,133)	($1,278,265)	($1,217,397)	($1,156,529)	($1,095,661)	($1,034,793)	($973,925)	($913,057)	($852,189)	($791,321)	($730,453)	
6															
7	Average Unamortized Regulatory Liability - Book/Tax Timing Difference		($1,430,435)	($1,369,567)	($1,308,699)	($1,247,831)	($1,186,963)	($1,126,095)	($1,065,227)	($1,004,359)	($943,491)	($882,623)	($821,755)	($760,887)	
8															
9	Return on Unamortized Regulatory Asset - Loss of PPA only														
10	Equity Component		($6,287)	($6,020)	($5,752)	($5,485)	($5,217)	($4,950)	($4,682)	($4,415)	($4,147)	($3,880)	($3,612)	($3,344)	($57,792)
11															
12	Equity Comp. grossed up for taxes [2]		($8,422)	($8,064)	($7,705)	($7,347)	($6,989)	($6,630)	($6,272)	($5,913)	($5,555)	($5,197)	($4,838)	($4,480)	($77,412)
13															
14	Debt Component [3]		($1,558)	($1,492)	($1,426)	($1,359)	($1,293)	($1,227)	($1,160)	($1,094)	($1,028)	($961)	($895)	($829)	($14,322)
15															
16	Total Return Requirements (Line 12 + 14)		($9,980)	($9,556)	($9,131)	($8,706)	($8,282)	($7,857)	($7,432)	($7,007)	($6,583)	($6,158)	($5,733)	($5,309)	($91,734)
17	Total Recoverable Costs (Line 16 - 3)		($70,848)	($70,424)	($69,999)	($69,574)	($69,150)	($68,725)	($68,300)	($67,875)	($67,451)	($67,026)	($66,601)	($66,177)	($822,150)
18															

19 [1] Recovery of the Cedar Bay Transaction is based on the settlement agreement approved by the FPSC in Docket No. 150075-EI, Order No. PSC-15-0401-AS-EI.

20 [2] The Equity Component for the period has been grossed up for taxes. The approved ROE is 10.6%. See Schedule 8P.

21 [3] The Debt Component for the period is based on the Forecasted Surveillance Report. See Schedule 8P.

22

23 Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
PROJECTION FILING
Indiantown Transaction - Regulatory Asset Related to the Loss of the PPA and Income Tax Gross-Up

FOR THE ESTIMATED PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

Line No.	Line	Beginning of Period	Jan - 2023	Feb - 2023	Mar - 2023	Apr - 2023	May - 2023	Jun - 2023	Jul - 2023	Aug - 2023	Sep - 2023	Oct - 2023	Nov - 2023	Dec - 2023	Total
1	Regulatory Asset Loss of PPA [1]		$150,499,999	$146,319,444	$142,138,888	$137,958,332	$133,777,777	$129,597,221	$125,416,666	$121,236,110	$117,055,555	$112,874,999	$108,694,444	$104,513,888	
2															
3	Regulatory Asset - Loss of PPA Amort		$4,180,556	$4,180,556	$4,180,556	$4,180,556	$4,180,556	$4,180,556	$4,180,556	$4,180,556	$4,180,556	$4,180,556	$4,180,556	$4,180,556	$50,166,667
4															
5	Unamortized Regulatory Asset - Loss of PPA	$150,499,999	$146,319,444	$142,138,888	$137,958,332	$133,777,777	$129,597,221	$125,416,666	$121,236,110	$117,055,555	$112,874,999	$108,694,444	$104,513,888	$100,333,332	
6															
7	Average Unamortized Regulatory Asset - Loss of PPA		$148,409,721	$144,229,166	$140,048,610	$135,868,055	$131,687,499	$127,506,944	$123,326,388	$119,145,832	$114,965,277	$110,784,721	$106,604,166	$102,423,610	
8															
9	Return on Unamortized Regulatory Asset - Loss of PPA only														
10	Equity Component		$652,335	$633,959	$615,584	$597,208	$578,832	$560,457	$542,081	$523,706	$505,330	$486,954	$468,579	$450,203	$6,615,227
11															
12	Equity Comp. grossed up for taxes [2]		$873,799	$849,185	$824,571	$799,957	$775,343	$750,729	$726,115	$701,501	$676,887	$652,273	$627,659	$603,045	$8,861,064
13															
14	Debt Component [3]		$161,663	$157,109	$152,555	$148,001	$143,447	$138,893	$134,339	$129,786	$125,232	$120,678	$116,124	$111,570	$1,639,396
15															
16	Total Return Requirements (Line 12 + 14)		$1,035,462	$1,006,294	$977,126	$947,958	$918,790	$889,622	$860,454	$831,286	$802,119	$772,951	$743,783	$714,615	$10,500,461
17	Total Recoverable Costs (Line 3 + 16)		$5,216,018	$5,186,850	$5,157,682	$5,128,514	$5,099,346	$5,070,178	$5,041,010	$5,011,842	$4,982,674	$4,953,506	$4,924,338	$4,895,170	$60,667,127
18															
19															

20 [1] Recovery of the Indiantown Transaction is based on the settlement agreement approved by the FPSC in Docket No. 160154-EI, Order No. PSC-16-0506-FOF-EI.

21 [2] The Equity Component for the period has been grossed up for taxes. The approved ROE is 10.6%. See Schedule 8P.

22 [3] The Debt Component for the period is based on the Forecasted Surveillance Report. See Schedule 8P.

23

24 Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
PROJECTION FILING
COVID 19 Regulatory Asset Recoverable Expenses

FOR THE ESTIMATED PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

Line	Beginning of Period	Jan - 2023	Feb - 2023	Mar - 2023	Apr - 2023	May - 2023	Jun - 2023	Jul - 2023	Aug - 2023	Sep - 2023	Oct - 2023	Nov - 2023	Dec - 2023	Total
COVID-19 Regulatory Asset														
1. Regulatory Asset Balance [1]	$8,800,000	$8,800,000	$8,433,333	$8,066,666	$7,699,999	$7,333,332	$6,966,665	$6,599,998	$6,233,331	$5,866,664	$5,499,997	$5,133,330	$4,766,663	
2. Less: Amortization		($366,667)	($366,667)	($366,667)	($366,667)	($366,667)	($366,667)	($366,667)	($366,667)	($366,667)	($366,667)	($366,667)	($366,667)	($4,400,004)
3. Net Regulatory Asset Balance (Lines 1+2)	$8,800,000	$8,433,333	$8,066,666	$7,699,999	$7,333,332	$6,966,665	$6,599,998	$6,233,331	$5,866,664	$5,499,997	$5,133,330	$4,766,663	$4,399,996	
4. Average Net Regulatory Asset Balance		$8,616,666	$8,249,999	$7,883,332	$7,516,665	$7,149,998	$6,783,331	$6,416,664	$6,049,997	$5,683,330	$5,316,663	$4,949,996	$4,583,329	
5. Return on Average Net Regulatory Asset Balance														
a. Equity Component (Line 4 x equity rate grossed up for taxes)		-	-	-	-	-	-	-	-	-	-	-	-	-
b. Debt Component (Line 4 x debt rate) [2]		$28,937	$27,706	$26,475	$25,243	$24,012	$22,780	$21,549	$20,318	$19,086	$17,855	$16,624	$15,392	$265,977
6. Amortization Expense														
a. Recoverable Costs		$366,667	$366,667	$366,667	$366,667	$366,667	$366,667	$366,667	$366,667	$366,667	$366,667	$366,667	$366,667	$4,400,004
b. Other		-	-	-	-	-	-	-	-	-	-	-	-	-
7. Total System Recoverable Expenses (Lines 5 + 6)		$395,604	$394,373	$393,142	$391,910	$390,679	$389,447	$388,216	$386,985	$385,753	$384,522	$383,291	$382,059	$4,665,981

[1] Recovery of the COVID-19 asset is based on the settlement agreement approved by the FPSC in Docket No. 200200151.

[2] The embedded long-term debt component is 4.03% based on FPL's most recent financial forecast.

Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
COST RECOVERY CLAUSES
2023 PROJECTION FILING WACC @10.60%

CAPITAL STRUCTURE AND COST RATES [a]

	Adjusted Retail	Ratio	Midpoint Cost Rates	Weighted Cost	Pre-Tax Weighted Cost
Long term debt	$17,889,540,987	29.804%	4.03%	1.2016%	1.20%
Short term debt	$1,826,982,290	3.044%	1.87%	0.0568%	0.06%
Preferred stock	$0	0.000%	0.00%	0.0000%	0.00%
Customer Deposits	$463,632,483	0.772%	2.16%	0.0167%	0.02%
Common Equity [b]	$29,092,977,978	48.468%	10.60%	5.1376%	6.88%
Deferred Income Tax	$9,499,290,453	15.826%	0.00%	0.0000%	0.00%
Investment Tax Credits					
Zero cost	$0	0.000%	0.00%	0.0000%	0.00%
Weighted cost	$1,252,308,273	2.086%	8.10%	0.1690%	0.22%
TOTAL	$60,024,732,465	100.00%		6.58%	8.37%

CALCULATION OF THE WEIGHTED COST FOR CONVERTIBLE INVESTMENT TAX CREDITS (C-ITC) [c]

	Adjusted Retail	Ratio	Cost Rate	Weighted Cost	Pre-Tax Cost
Long term debt	$17,889,540,987	38.08%	4.032%	1.535%	1.535%
Preferred Stock	$0	0.00%	0.000%	0.000%	0.000%
Common Equity	$29,092,977,978	61.92%	10.600%	6.564%	8.792%
TOTAL	$46,982,518,965	100.00%		8.099%	10.327%

RATIO

DEBT COMPONENTS	
Long term debt	1.2016%
Short term debt	0.0568%
Customer Deposits	0.0167%
Tax credits weighted	0.0320%
TOTAL DEBT	**1.3071%**

EQUITY COMPONENTS:	
PREFERRED STOCK	0.0000%
COMMON EQUITY	5.1376%
TAX CREDITS -WEIGHTED	0.1369%
TOTAL EQUITY	**5.2746%**
TOTAL	6.5817%
PRE-TAX EQUITY	7.0653%
PRE-TAX TOTAL	8.3724%

Note:
(a) Capital structure includes a deferred income tax proration adjustment consistent with FPSC Order No. PSC-2020-0165-PAA-EU, Docket No. 20200118-EU.
(b) Cost rate for common equity represents FPL's mid-point return on equity approved by the FPSC in Order No. PSC-2021-0446-S-EI, Docket No. 20210015-EI.
(c) This capital structure applies only to Convertible Investment Tax Credit (C-ITC)

Florida Power & Light Company
Schedule E12 - Capacity Costs
Page 1 of 2

2023 Projection

Contract	Capacity MW	Term Start	Term End	Contract Type
Broward South - 1991 Agreement	3.5	1/1/1993	12/31/2026	QF

QF = Qualifying Facility

2023 Capacity in Dollars

	January	February	March	April	May	June	July	August	September	October	November	December	Year-to-date
BS-NEG '91	$129,115	$129,115	$129,115	$129,115	$129,115	$129,115	$129,115	$129,115	$129,115	$129,115	$129,115	$129,115	$1,549,380
Total	$129,115	$129,115	$129,115	$129,115	$129,115	$129,115	$129,115	$129,115	$129,115	$129,115	$129,115	$129,115	$1,549,380

Florida Power & Light Company
Schedule E12 - Capacity Costs **CONFIDENTIAL**
Page 2 of 2

2023 Projection

Contract	Counterparty	Identification	Contract Start Date	Contract End Date
1	Solid Waste Authority (40MW)	Other Entity	January 1, 2012	April 1, 2032
2	Solid Waste Authority (70MW)	Other Entity	July 16, 2016	May 31, 2034
3	Central Alabama / Shell	Other Entity	November 2, 2009	May 31, 2023

2023 Capacity in MW

Contract	January	February	March	April	May	June	July	August	September	October	November	December
1	40	40	40	40	40	40	40	40	40	40	40	40
2	70	70	70	70	70	70	70	70	70	70	70	70
3	885	885	885	885	885							
Total	995	995	995	995	995	110	110	110	110	110	110	110

2023 Capacity in Dollars

Contract	January	February	March	April	May	June	July	August	September	October	November	December
1												
2												
3												
Total	7,676,600	7,676,600	7,676,600	7,676,600	7,676,600	1,460,400	1,460,400	1,460,400	1,460,400	1,460,400	1,460,400	1,460,400

Total Capacity Payments to Non-Cogenerators for 2023 (1)	48,605,800

(1) Total short-term capacity payments do not include payments for the Solid Waste Authority - 70 MW unit. Capacity costs for this unit were recovered through the Energy Conservation Cost Recovery Clause in 2014, consistent with Commission Order No. PSC-11-0293-FOF-EU issued in Docket No. 110018-EU on July 6, 2011.

(2) Exhibit RBD-8 page 1, line 2

2023 FORECAST - SEPARATION FACTORS

	SUMMARY
DEMAND	
E101 - Transmission	0.899282
E102 - Non-Stratified Production	0.960478
E103INT - Intermediate Strata Production	0.954028
E103PEAK - Peaking Strata Production	0.953285
E104 - Distribution	1.000000
ENERGY	
FPL201 - Total Sales	0.943988
FPL202 - Non-Stratified Sales	0.958159
FPL203INT - Intermediate Strata Sales	0.945063
FPL203PEAK - Peaking Strata Sales	0.957054
GENERAL PLANT	
I900 - LABOR	0.967270

FLORIDA POWER & LIGHT COMPANY
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
E101-TRANSMISSION: 12CPDemand
December 2023 - FORECAST (Oct 2021 LF)

RATE CLASS	12 CP - KW	VOLTAGE LEVEL % - DEMAND			LOSS EXPANSION FACTORS			12 CP @ GENERATION - KW				% OF TOTAL	
	@ METER	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TOTAL	SYSTEM	RETAIL
CILC-1D	333,524	0.0000	0.4237	0.5763	1.0208	1.0354	1.0634	0	146,312	204,404	350,716	1.3832%	1.5381%
CILC-1G	15,655	0.0000	0.0180	0.9820	1.0208	1.0354	1.0634	0	291	16,348	16,640	0.0656%	0.0730%
CILC-1T	190,926	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	194,906	0	0	194,906	0.7687%	0.8548%
GS(T)-1	1,656,697	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	1,761,761	1,761,761	6.9481%	7.7263%
GSCU-1	6,933	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	7,373	7,373	0.0291%	0.0323%
GSD(T)-1	4,662,954	0.0000	0.0035	0.9965	1.0208	1.0354	1.0634	0	16,789	4,941,425	4,958,214	19.5545%	21.7446%
GSLD(T)-1	1,603,610	0.0000	0.0585	0.9415	1.0208	1.0354	1.0634	0	97,114	1,605,565	1,702,679	6.7151%	7.4672%
GSLD(T)-2	493,774	0.0000	0.4306	0.5694	1.0208	1.0354	1.0634	0	220,168	298,961	519,129	2.0474%	2.2767%
GSLD(T)-3	117,286	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	119,731	0	0	119,731	0.4722%	0.5251%
MET	11,005	0.0000	1.0000	0.0000	1.0208	1.0354	1.0634	0	11,394	0	11,394	0.0449%	0.0500%
OL-1	0	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	0.0000%
OS-2	1,186	0.0000	1.0000	0.0000	1.0208	1.0354	1.0634	0	1,228	0	1,228	0.0048%	0.0054%
RS(T)-1	12,357,622	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	13,141,315	13,141,315	51.8275%	57.6321%
SL-1	0	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	0.0000%
SL-1M	137	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	146	146	0.0006%	0.0006%
SL-2	4,458	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	4,741	4,741	0.0187%	0.0208%
SL-2M	1,423	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	1,513	1,513	0.0060%	0.0066%
SST-DST	144	0.0000	1.0000	0.0000	1.0208	1.0354	1.0634	0	149	0	149	0.0006%	0.0007%
SST-TST	10,242	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	10,455	0	0	10,455	0.0412%	0.0459%
TOTAL RETAIL	21,467,576							325,092	493,446	21,983,553	22,802,091	89.9282%	
ALACHUA (INT)	11,412	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	11,650	0	0	11,650	0.0459%	
BLOUNTSOWN	6,326	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	6,458	0	0	6,458	0.0255%	
FKEC	125,155	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	127,764	0	0	127,764	0.5039%	
FPUC (INT)	12,896	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	13,164	0	0	13,164	0.0519%	
FPUC (PEAK)	9,114	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	9,304	0	0	9,304	0.0367%	
G - FPU (INT)	30,367	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	31,000	0	0	31,000	0.1223%	
G - FPU (PEAK)	20,144	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	20,564	0	0	20,564	0.0811%	
HOMESTEAD	4,082	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	4,167	0	0	4,167	0.0164%	
HOMESTEAD (INT)	8,326	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	8,500	0	0	8,500	0.0335%	
JEA (INT)	32,653	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	33,333	0	0	33,333	0.1315%	
LCEC	773,742	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	789,871	0	0	789,871	3.1151%	
MOORE HAVEN	571	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	583	0	0	583	0.0023%	
NEW SMRYNA BCH	7,347	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	7,500	0	0	7,500	0.0296%	
NEW SMYRNA BCH (INT)	8,979	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	9,167	0	0	9,167	0.0362%	
NEW SMRYNA BCH (PEAK)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
QUINCY	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
QUINCY (INT)	3,102	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	3,167	0	0	3,167	0.0125%	
SEMINOLE (INT)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
WAUCHULA	1,878	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	1,917	0	0	1,917	0.0076%	
TRANS-SERV	1,445,544	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	1,475,678	0	0	1,475,678	5.8199%	
TOTAL WHOLESALE	2,501,637							2,553,787	0	0	2,553,787	10.0718%	
TOTAL FPL	23,969,214							2,878,879	493,446	21,983,553	25,355,878	100.0000%	
JURIS SEPARATION FACTOR													0.899282

FLORIDA POWER & LIGHT COMPANY
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
E102 - NON-STRATIFIED PRODUCTION: 12CP Demand
December 2023 - FORECAST (Oct 2021 LF)

RATE CLASS	12 CP - KW			VOLTAGE LEVEL % - DEMAND			LOSS EXPANSION FACTORS			12 CP @ GENERATION - KW				% OF TOTAL	
	@ METER	ADJ	ADJUSTED	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TOTAL	SYSTEM	RETAIL
CILC-1D	333,524	0	333,524	0.0000	0.4237	0.5763	1.0208	1.0354	1.0634	0	146,312	204,404	350,716	1.4773%	1.5381%
CILC-1G	15,655	0	15,655	0.0000	0.0180	0.9820	1.0208	1.0354	1.0634	0	291	16,348	16,640	0.0701%	0.0730%
CILC-1T	190,926	0	190,926	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	194,906	0	0	194,906	0.8210%	0.8548%
GS(T)-1	1,656,697	0	1,656,697	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	1,761,761	1,761,761	7.4210%	7.7263%
GSCU-1	6,933	0	6,933	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	7,373	7,373	0.0311%	0.0323%
GSD(T)-1	4,662,954	0	4,662,954	0.0000	0.0035	0.9965	1.0208	1.0354	1.0634	0	16,789	4,941,425	4,958,214	20.8852%	21.7446%
GSLD(T)-1	1,603,610	0	1,603,610	0.0000	0.0585	0.9415	1.0208	1.0354	1.0634	0	97,114	1,605,565	1,702,679	7.1721%	7.4672%
GSLD(T)-2	493,774	0	493,774	0.0000	0.4306	0.5694	1.0208	1.0354	1.0634	0	220,168	298,961	519,129	2.1867%	2.2767%
GSLD(T)-3	117,286	0	117,286	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	119,731	0	0	119,731	0.5043%	0.5251%
MET	11,005	0	11,005	0.0000	1.0000	0.0000	1.0208	1.0354	1.0634	0	11,394	0	11,394	0.0480%	0.0500%
OL-1	0	0	0	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	0.0000%
OS-2	1,186	0	1,186	0.0000	1.0000	0.0000	1.0208	1.0354	1.0634	0	1,228	0	1,228	0.0052%	0.0054%
RS(T)-1	12,357,622	0	12,357,622	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	13,141,315	13,141,315	55.3543%	57.6321%
SL-1	0	0	0	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	0.0000%
SL-1M	137	0	137	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	146	146	0.0006%	0.0006%
SL-2	4,458	0	4,458	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	4,741	4,741	0.0200%	0.0208%
SL-2M	1,423	0	1,423	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	1,513	1,513	0.0064%	0.0066%
SST-DST	144	0	144	0.0000	1.0000	0.0000	1.0208	1.0354	1.0634	0	149	0	149	0.0006%	0.0007%
SST-TST	10,242	0	10,242	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	10,455	0	0	10,455	0.0440%	0.0459%
TOTAL RETAIL	21,467,576	0	21,467,576							325,092	493,446	21,983,553	22,802,091	96.0478%	100.0000%
ALACHUA (INT)	11,412	(11,412)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
BLOUNTSOWN	6,326	0	6,326	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	6,458	0	0	6,458	0.0272%	
FKEC	125,155	0	125,155	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	127,764	0	0	127,764	0.5382%	
FPUC (INT)	12,896	(12,896)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
FPUC (PEAK)	9,114	(9,114)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
G - FPU (INT)	30,367	(30,367)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
G - FPU (PEAK)	20,144	(20,144)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
HOMESTEAD	4,082	0	4,082	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	4,167	0	0	4,167	0.0176%	
HOMESTEAD (INT)	8,326	(8,326)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
JEA (INT)	32,653	(32,653)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
LCEC	773,742	0	773,742	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	789,871	0	0	789,871	3.3271%	
MOORE HAVEN	571	0	571	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	583	0	0	583	0.0025%	
NEW SMRYNA BCH	7,347	0	7,347	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	7,500	0	0	7,500	0.0316%	
NEW SMYRNA BCH (INT)	8,979	(8,979)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
NEW SMRYNA BCH (PEAK)	0	0	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
QUINCY	0	0	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
QUINCY (INT)	3,102	(3,102)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
SEMINOLE (INT)	0	0	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
WAUCHULA	1,878	0	1,878	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	1,917	0	0	1,917	0.0081%	
WINTER PARK	0	0	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
TOTAL WHOLESALE	1,056,094	(136,993)	919,100							938,260	0	0	938,260	3.9522%	
TOTAL FPL	22,523,670	(136,993)	22,386,677							1,263,352	493,446	21,983,553	23,740,351	100.0000%	
JURIS SEPARATION FACTOR														0.960478	

FLORIDA POWER & LIGHT COMPANY
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
E103INT - INTERMEDIATE STRATA PRODUCTION (CONTRACT ADJUSTED): 12CP Demand
December 2023 - FORECAST (Oct 2021 LF)

RATE CLASS	12 CP - KW			VOLTAGE LEVEL % - DEMAND			LOSS EXPANSION FACTORS			12 CP @ GENERATION - KW					% OF TOTAL	
	@ METER	ADJ	ADJUSTED	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TOTAL	ADJUSTED	SYSTEM	RETAIL
CILC-1D	333,524	0	333,524	0.0000	0.4237	0.5763	1.0208	1.0354	1.0634	0	146,312	204,404	350,716	350,716	1.4674%	1.5381%
CILC-1G	15,655	0	15,655	0.0000	0.0180	0.9820	1.0208	1.0354	1.0634	0	291	16,348	16,640	16,640	0.0696%	0.0730%
CILC-1T	190,926	0	190,926	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	194,906	0	0	194,906	194,906	0.8155%	0.8548%
GS(T)-1	1,656,697	0	1,656,697	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	1,761,761	1,761,761	1,761,761	7.3711%	7.7263%
GSCU-1	6,933	0	6,933	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	7,373	7,373	7,373	0.0308%	0.0323%
GSD(T)-1	4,662,954	0	4,662,954	0.0000	0.0035	0.9965	1.0208	1.0354	1.0634	0	16,789	4,941,425	4,958,214	4,958,214	20.7449%	21.7446%
GSLD(T)-1	1,603,610	0	1,603,610	0.0000	0.0585	0.9415	1.0208	1.0354	1.0634	0	97,114	1,605,565	1,702,679	1,702,679	7.1239%	7.4672%
GSLD(T)-2	493,774	0	493,774	0.0000	0.4306	0.5694	1.0208	1.0354	1.0634	0	220,168	298,961	519,129	519,129	2.1720%	2.2767%
GSLD(T)-3	117,286	0	117,286	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	119,731	0	0	119,731	119,731	0.5009%	0.5251%
MET	11,005	0	11,005	0.0000	1.0000	0.0000	1.0208	1.0354	1.0634	0	11,394	0	11,394	11,394	0.0477%	0.0500%
OL-1	0	0	0	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	0.0000%
OS-2	1,186	0	1,186	0.0000	1.0000	0.0000	1.0208	1.0354	1.0634	0	1,228	0	1,228	1,228	0.0051%	0.0054%
RS(T)-1	12,357,622	0	12,357,622	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	13,141,315	13,141,315	13,141,315	54.9826%	57.6321%
SL-1	0	0	0	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	0.0000%
SL-1M	137	0	137	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	146	146	146	0.0006%	0.0006%
SL-2	4,458	0	4,458	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	4,741	4,741	4,741	0.0198%	0.0208%
SL-2M	1,423	0	1,423	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	1,513	1,513	1,513	0.0063%	0.0066%
SST-DST	144	0	144	0.0000	1.0000	0.0000	1.0208	1.0354	1.0634	0	149	0	149	149	0.0006%	0.0007%
SST-TST	10,242	0	10,242	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	10,455	0	0	10,455	10,455	0.0437%	0.0459%
TOTAL RETAIL	21,467,576	0	21,467,576							325,092	493,446	21,983,553	22,802,091	22,802,091	95.4028%	100.0000%
ALACHUA (INT)	11,412	0	11,412	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	11,650	0	0	11,650	**17,003**	0.0711%	
BLOUNTSOWN	6,326	0	6,326	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	6,458	0	0	6,458	6,458	0.0270%	
FKEC	125,155	0	125,155	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	127,764	0	0	127,764	127,764	0.5346%	
FPUC (INT)	12,896	0	12,896	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	13,164	0	0	13,164	**19,213**	0.0804%	
FPUC (PEAK)	9,114	(9,114)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
G - FPU (INT)	30,367	0	30,367	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	31,000	0	0	31,000	**45,243**	0.1893%	
G - FPU (PEAK)	20,144	(20,144)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
HOMESTEAD	4,082	0	4,082	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	4,167	0	0	4,167	4,167	0.0174%	
HOMESTEAD (INT)	8,326	0	8,326	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	8,500	0	0	8,500	**12,405**	0.0519%	
JEA (INT)	32,653	0	32,653	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	33,333	0	0	33,333	**48,648**	0.2035%	
LCEC	773,742	0	773,742	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	789,871	0	0	789,871	789,871	3.3048%	
MOORE HAVEN	571	0	571	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	583	0	0	583	583	0.0024%	
NEW SMRYNA BCH	7,347	0	7,347	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	7,500	0	0	7,500	7,500	0.0314%	
NEW SMYRNA BCH (INT)	8,979	0	8,979	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	9,167	0	0	9,167	**13,378**	0.0560%	
NEW SMRYNA BCH (PEAK)	0	0	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
QUINCY	0	0	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
QUINCY (INT)	3,102	0	3,102	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	3,167	0	0	3,167	**4,622**	0.0193%	
SEMINOLE (INT)	0	0	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
WAUCHULA	1,878	0	1,878	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	1,917	0	0	1,917	1,917	0.0080%	
WINTER PARK	0	0	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
TOTAL WHOLESALE	1,056,094	(29,258)	1,026,836							1,048,241	0	0	1,048,241	1,098,772	4.5972%	
TOTAL FPL	22,523,670	(29,258)	22,494,412							1,373,334	493,446	21,983,553	23,850,333	23,900,863	100.0000%	

JURIS SEPARATION FACTOR **0.954028**

*CONTRACT ADJUSTMENTS ON FOLLOWING PAGE

FLORIDA POWER & LIGHT COMPANY
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
E103INT - INTERMEDIATE STRATA PRODUCTION (CONTRACT ADJUSTED): 12CP Demand
December 2023 - FORECAST (Oct 2021 LF)

RATE CLASS	12 CP - KW			VOLTAGE LEVEL % - DEMAND			LOSS EXPANSION FACTORS			12 CP @ GENERATION - KW					% OF TOTAL	
	@ METER	ADJ	ADJUSTED	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TOTAL	ADJUSTED	SYSTEM	RETAIL

Contract Adjusted 12CP @ Generation -	Line No.	Source/Formula	ALACHUA (INT) Amount	FPUC (INT) Amount	G - FPU (INT) Amount	HOMESTEAD (INT) Amount	JEA (INT) Amount	NSB (INT) Amount	QUINCY (INT) Amount
1) Contract Wholesale Customer 12 CP	1	LF * Load Factor	11,650	13,164	31,000	8,500	33,333	9,167	3,167
2) Intermediate System Capacity Net of Reserve Margin	2								
Intermediate Summer Capacity	3	2020-2029 TYSP	19,652,000	19,652,000	19,652,000	19,652,000	19,652,000	19,652,000	19,652,000
Divide By: System Capacity Including Reserve Margin (Calculation)	4		120.0%	120.0%	120.0%	120.0%	120.0%	120.0%	120.0%
Intermediate System Capacity Net of Reserve Margin	5	L3 / L4	16,376,667	16,376,667	16,376,667	16,376,667	16,376,667	16,376,667	16,376,667
Contract Wholesale Customer Contribution to Intermediate System Capacity Net of Reserve Margin	6	L1 / L5	0.000711	0.000804	0.001893	0.000519	0.002035	0.000560	0.000193
3) Contract Adjusted 12CP @ Generation	7								
Total System 12CP Excluding All Stratified Contracts	8		23,740,351	23,740,351	23,740,351	23,740,351	23,740,351	23,740,351	23,740,351
Contribution (Excl Interm Stratified Contracts) to Other Production System Capacity Net of Reserve Margin	9	1 - Sum L6	0.99328	0.99328	0.99328	0.99328	0.99328	0.99328	0.99328
Total System 12CP Including Intermediate Stratified Contracts	10	L8 / L9	23,900,863	23,900,863	23,900,863	23,900,863	23,900,863	23,900,863	23,900,863
Contract Adjusted 12CP @ Generation	11	L6 * L11	17,003	19,213	45,243	12,405	48,648	13,378	4,622

FLORIDA POWER & LIGHT COMPANY
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
E103PK - PEAKING STRATA PRODUCTION (CONTRACT ADJUSTED): 12CP Demand
December 2023 - FORECAST (Oct 2021 LF)

RATE CLASS	12 CP - KW			VOLTAGE LEVEL % - DEMAND			LOSS EXPANSION FACTORS			12 CP @ GENERATION - KW					% OF TOTAL	
	@ METER	ADJ	ADJUSTED	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TOTAL	ADJUSTED	SYSTEM	RETAIL
CILC-1D	333,524	0	333,524	0.0000	0.4237	0.5763	1.0208	1.0354	1.0634	0	146,312	204,404	350,716	350,716	1.4662%	1.5381%
CILC-1G	15,655	0	15,655	0.0000	0.0180	0.9820	1.0208	1.0354	1.0634	0	291	16,348	16,640	16,640	0.0696%	0.0730%
CILC-1T	190,926	0	190,926	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	194,906	0	0	194,906	194,906	0.8148%	0.8548%
GS(T)-1	1,656,697	0	1,656,697	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	1,761,761	1,761,761	1,761,761	7.3654%	7.7263%
GSCU-1	6,933	0	6,933	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	7,373	7,373	7,373	0.0308%	0.0323%
GSD(T)-1	4,662,954	0	4,662,954	0.0000	0.0035	0.9965	1.0208	1.0354	1.0634	0	16,789	4,941,425	4,958,214	4,958,214	20.7288%	21.7446%
GSLD(T)-1	1,603,610	0	1,603,610	0.0000	0.0585	0.9415	1.0208	1.0354	1.0634	0	97,114	1,605,565	1,702,679	1,702,679	7.1184%	7.4672%
GSLD(T)-2	493,774	0	493,774	0.0000	0.4306	0.5694	1.0208	1.0354	1.0634	0	220,168	298,961	519,129	519,129	2.1703%	2.2767%
GSLD(T)-3	117,286	0	117,286	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	119,731	0	0	119,731	119,731	0.5006%	0.5251%
MET	11,005	0	11,005	0.0000	1.0000	0.0000	1.0208	1.0354	1.0634	0	11,394	0	11,394	11,394	0.0476%	0.0500%
OL-1	0	0	0	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	0.0000%
OS-2	1,186	0	1,186	0.0000	1.0000	0.0000	1.0208	1.0354	1.0634	0	1,228	0	1,228	1,228	0.0051%	0.0054%
RS(T)-1	12,357,622	0	12,357,622	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	13,141,315	13,141,315	13,141,315	54.9398%	57.6321%
SL-1	0	0	0	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	0.0000%
SL-1M	137	0	137	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	146	146	146	0.0006%	0.0006%
SL-2	4,458	0	4,458	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	4,741	4,741	4,741	0.0198%	0.0208%
SL-2M	1,423	0	1,423	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	1,513	1,513	1,513	0.0063%	0.0066%
SST-DST	144	0	144	0.0000	1.0000	0.0000	1.0208	1.0354	1.0634	0	149	0	149	149	0.0006%	0.0007%
SST-TST	10,242	0	10,242	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	10,455	0	0	10,455	10,455	0.0437%	0.0459%
TOTAL RETAIL	21,467,576	0	21,467,576							325,092	493,446	21,983,553	22,802,091	22,802,091	95.3285%	100.0000%
ALACHUA (INT)	11,412	(11,412)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
BLOUNTSOWN	6,326	0	6,326	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	6,458	0	0	6,458	6,458	0.0270%	
FKEC	125,155	0	125,155	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	127,764	0	0	127,764	127,764	0.5341%	
FPUC (INT)	12,896	(12,896)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
FPUC (PEAK)	9,114	0	9,114	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	9,304	0	0	9,304	**55,803**	0.2333%	
G - FPU (INT)	30,367	(30,367)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
G - FPU (PEAK)	20,144	0	20,144	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	20,564	0	0	20,564	**123,345**	0.5157%	
HOMESTEAD	4,082	0	4,082	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	4,167	0	0	4,167	4,167	0.0174%	
HOMESTEAD (INT)	8,326	(8,326)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
JEA (INT)	32,653	(32,653)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
LCEC	773,742	0	773,742	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	789,871	0	0	789,871	789,871	3.3022%	
MOORE HAVEN	571	0	571	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	583	0	0	583	583	0.0024%	
NEW SMRYNA BCH	7,347	0	7,347	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	7,500	0	0	7,500	7,500	0.0314%	
NEW SMYRNA BCH (INT)	8,979	(8,979)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
NEW SMRYNA BCH (PEAK)	0	0	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
QUINCY	0	0	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
QUINCY (INT)	3,102	(3,102)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
SEMINOLE (INT)	0	0	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
WAUCHULA	1,878	0	1,878	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	1,917	0	0	1,917	1,917	0.0080%	
WINTER PARK	0	0	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
TOTAL WHOLESALE	1,056,094	(107,735)	948,358							968,128	0	0	968,128	1,117,408	4.6715%	
TOTAL FPL	22,523,670	(107,735)	22,415,935							1,293,220	493,446	21,983,553	23,770,219	23,919,499	100.0000%	

JURIS SEPARATION FACTOR **0.953285**

***CONTRACT ADJUSTMENTS ON FOLLOWING PAGE**

FLORIDA POWER & LIGHT COMPANY
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
E103PK - PEAKING STRATA PRODUCTION (CONTRACT ADJUSTED): 12CP Demand
December 2023 - FORECAST (Oct 2021 LF)

RATE CLASS	12 CP - KW			VOLTAGE LEVEL % - DEMAND			LOSS EXPANSION FACTORS			12 CP @ GENERATION - KW					% OF TOTAL	
	@ METER	ADJ	ADJUSTED	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TOTAL	ADJUSTED	SYSTEM	RETAIL

Contract Adjusted 12CP @ Generation -	Line No.	Source/Formula	FPUC (PEAK) Amount	G - FPU (PEAK) Amount
1) Contract Wholesale Customer 12 CP	1	Load Forecast * Loss Factor	9,304	20,564
2) Peaking System Capacity Net of Reserve Margin	2			
Peaking Summer Capacity	3	2020-2029 TYSP	4,785,500	4,785,500
Divide By: System Capacity Including Reserve Margin (Calculation)	4		120.0%	120.0%
Peaking System Capacity Net of Reserve Margin	5	L3 / L4	3,987,917	3,987,917
Contract Wholesale Customer Contribution to Intermediate System Capacity Net of Reserve Margin	6	L1 / L5	0.00233	0.00516
3) Contract Adjusted 12CP @ Generation	7			
Total System 12CP Excluding All Stratified Contracts	8		23,740,351	23,740,351
Contribution (Excluding Peaking Stratified Contracts) to Other Production System Capacity Net of Reserve Margin	9	1 - Sum L6	0.99251	0.99251
Total System 12CP Including Intermediate Stratified Contracts	10	L8 / L9	23,919,499	23,919,499
Contract Adjusted 12CP @ Generation	11	L6 * L11	55,803	123,345

FLORIDA POWER & LIGHT COMPANY
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
E101-TRANSMISSION: 12CPDemand
December 2023 - FORECAST (Oct 2021 LF)

RATE CLASS	12 CP - KW	VOLTAGE LEVEL % - DEMAND			LOSS EXPANSION FACTORS			12 CP @ GENERATION - KW				% OF TOTAL	
	@ METER	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TOTAL	SYSTEM	RETAIL
CILC-1D	333,524	0.0000	0.4237	0.5763	1.0208	1.0354	1.0634	0	146,312	204,404	350,716	1.3832%	1.5381%
CILC-1G	15,655	0.0000	0.0180	0.9820	1.0208	1.0354	1.0634	0	291	16,348	16,640	0.0656%	0.0730%
CILC-1T	190,926	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	194,906	0	0	194,906	0.7687%	0.8548%
GS(T)-1	1,656,697	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	1,761,761	1,761,761	6.9481%	7.7263%
GSCU-1	6,933	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	7,373	7,373	0.0291%	0.0323%
GSD(T)-1	4,662,954	0.0000	0.0035	0.9965	1.0208	1.0354	1.0634	0	16,789	4,941,425	4,958,214	19.5545%	21.7446%
GSLD(T)-1	1,603,610	0.0000	0.0585	0.9415	1.0208	1.0354	1.0634	0	97,114	1,605,565	1,702,679	6.7151%	7.4672%
GSLD(T)-2	493,774	0.0000	0.4306	0.5694	1.0208	1.0354	1.0634	0	220,168	298,961	519,129	2.0474%	2.2767%
GSLD(T)-3	117,286	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	119,731	0	0	119,731	0.4722%	0.5251%
MET	11,005	0.0000	1.0000	0.0000	1.0208	1.0354	1.0634	0	11,394	0	11,394	0.0449%	0.0500%
OL-1	0	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	0.0000%
OS-2	1,186	0.0000	1.0000	0.0000	1.0208	1.0354	1.0634	0	1,228	0	1,228	0.0048%	0.0054%
RS(T)-1	12,357,622	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	13,141,315	13,141,315	51.8275%	57.6321%
SL-1	0	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	0.0000%
SL-1M	137	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	146	146	0.0006%	0.0006%
SL-2	4,458	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	4,741	4,741	0.0187%	0.0208%
SL-2M	1,423	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	1,513	1,513	0.0060%	0.0066%
SST-DST	144	0.0000	1.0000	0.0000	1.0208	1.0354	1.0634	0	149	0	149	0.0006%	0.0007%
SST-TST	10,242	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	10,455	0	0	10,455	0.0412%	0.0459%
TOTAL RETAIL	21,467,576							325,092	493,446	21,983,553	22,802,091	89.9282%	
ALACHUA (INT)	11,412	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	11,650	0	0	11,650	0.0459%	
BLOUNTSOWN	6,326	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	6,458	0	0	6,458	0.0255%	
FKEC	125,155	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	127,764	0	0	127,764	0.5039%	
FPUC (INT)	12,896	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	13,164	0	0	13,164	0.0519%	
FPUC (PEAK)	9,114	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	9,304	0	0	9,304	0.0367%	
G - FPU (INT)	30,367	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	31,000	0	0	31,000	0.1223%	
G - FPU (PEAK)	20,144	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	20,564	0	0	20,564	0.0811%	
HOMESTEAD	4,082	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	4,167	0	0	4,167	0.0164%	
HOMESTEAD (INT)	8,326	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	8,500	0	0	8,500	0.0335%	
JEA (INT)	32,653	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	33,333	0	0	33,333	0.1315%	
LCEC	773,742	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	789,871	0	0	789,871	3.1151%	
MOORE HAVEN	571	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	583	0	0	583	0.0023%	
NEW SMRYNA BCH	7,347	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	7,500	0	0	7,500	0.0296%	
NEW SMYRNA BCH (INT)	8,979	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	9,167	0	0	9,167	0.0362%	
NEW SMRYNA BCH (PEAK)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
QUINCY	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
QUINCY (INT)	3,102	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	3,167	0	0	3,167	0.0125%	
SEMINOLE (INT)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
WAUCHULA	1,878	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	1,917	0	0	1,917	0.0076%	
TRANS-SERV	1,445,544	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	1,475,678	0	0	1,475,678	5.8199%	
TOTAL WHOLESALE	2,501,637							2,553,787	0	0	2,553,787	10.0718%	
TOTAL FPL	23,969,214							2,878,879	493,446	21,983,553	25,355,878	100.0000%	
JURIS SEPARATION FACTOR													0.899282

FLORIDA POWER & LIGHT COMPANY
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
E102 - NON-STRATIFIED PRODUCTION: 12CP Demand
December 2023 - FORECAST (Oct 2021 LF)

RATE CLASS	12 CP - KW			VOLTAGE LEVEL % - DEMAND			LOSS EXPANSION FACTORS			12 CP @ GENERATION - KW				% OF TOTAL	
	@ METER	ADJ	ADJUSTED	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TOTAL	SYSTEM	RETAIL
CILC-1D	333,524	0	333,524	0.0000	0.4237	0.5763	1.0208	1.0354	1.0634	0	146,312	204,404	350,716	1.4773%	1.5381%
CILC-1G	15,655	0	15,655	0.0000	0.0180	0.9820	1.0208	1.0354	1.0634	0	291	16,348	16,640	0.0701%	0.0730%
CILC-1T	190,926	0	190,926	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	194,906	0	0	194,906	0.8210%	0.8548%
GS(T)-1	1,656,697	0	1,656,697	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	1,761,761	1,761,761	7.4210%	7.7263%
GSCU-1	6,933	0	6,933	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	7,373	7,373	0.0311%	0.0323%
GSD(T)-1	4,662,954	0	4,662,954	0.0000	0.0035	0.9965	1.0208	1.0354	1.0634	0	16,789	4,941,425	4,958,214	20.8852%	21.7446%
GSLD(T)-1	1,603,610	0	1,603,610	0.0000	0.0585	0.9415	1.0208	1.0354	1.0634	0	97,114	1,605,565	1,702,679	7.1721%	7.4672%
GSLD(T)-2	493,774	0	493,774	0.0000	0.4306	0.5694	1.0208	1.0354	1.0634	0	220,168	298,961	519,129	2.1867%	2.2767%
GSLD(T)-3	117,286	0	117,286	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	119,731	0	0	119,731	0.5043%	0.5251%
MET	11,005	0	11,005	0.0000	1.0000	0.0000	1.0208	1.0354	1.0634	0	11,394	0	11,394	0.0480%	0.0500%
OL-1	0	0	0	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	0.0000%
OS-2	1,186	0	1,186	0.0000	1.0000	0.0000	1.0208	1.0354	1.0634	0	1,228	0	1,228	0.0052%	0.0054%
RS(T)-1	12,357,622	0	12,357,622	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	13,141,315	13,141,315	55.3543%	57.6321%
SL-1	0	0	0	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	0.0000%
SL-1M	137	0	137	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	146	146	0.0006%	0.0006%
SL-2	4,458	0	4,458	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	4,741	4,741	0.0200%	0.0208%
SL-2M	1,423	0	1,423	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	1,513	1,513	0.0064%	0.0066%
SST-DST	144	0	144	0.0000	1.0000	0.0000	1.0208	1.0354	1.0634	0	149	0	149	0.0006%	0.0007%
SST-TST	10,242	0	10,242	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	10,455	0	0	10,455	0.0440%	0.0459%
TOTAL RETAIL	21,467,576	0	21,467,576							325,092	493,446	21,983,553	22,802,091	96.0478%	100.0000%
ALACHUA (INT)	11,412	(11,412)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
BLOUNTSOWN	6,326	0	6,326	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	6,458	0	0	6,458	0.0272%	
FKEC	125,155	0	125,155	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	127,764	0	0	127,764	0.5382%	
FPUC (INT)	12,896	(12,896)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
FPUC (PEAK)	9,114	(9,114)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
G - FPU (INT)	30,367	(30,367)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
G - FPU (PEAK)	20,144	(20,144)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
HOMESTEAD	4,082	0	4,082	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	4,167	0	0	4,167	0.0176%	
HOMESTEAD (INT)	8,326	(8,326)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
JEA (INT)	32,653	(32,653)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
LCEC	773,742	0	773,742	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	789,871	0	0	789,871	3.3271%	
MOORE HAVEN	571	0	571	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	583	0	0	583	0.0025%	
NEW SMRYNA BCH	7,347	0	7,347	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	7,500	0	0	7,500	0.0316%	
NEW SMYRNA BCH (INT)	8,979	(8,979)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
NEW SMRYNA BCH (PEAK)	0	0	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
QUINCY	0	0	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
QUINCY (INT)	3,102	(3,102)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
SEMINOLE (INT)	0	0	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
WAUCHULA	1,878	0	1,878	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	1,917	0	0	1,917	0.0081%	
WINTER PARK	0	0	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0.0000%	
TOTAL WHOLESALE	1,056,094	(136,993)	919,100							938,260	0	0	938,260	3.9522%	
TOTAL FPL	22,523,670	(136,993)	22,386,677							1,263,352	493,446	21,983,553	23,740,351	100.0000%	
JURIS SEPARATION FACTOR														0.960478	

FLORIDA POWER & LIGHT COMPANY
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
E103INT - INTERMEDIATE STRATA PRODUCTION (CONTRACT ADJUSTED): 12CP Demand
December 2023 - FORECAST (Oct 2021 LF)

RATE CLASS	12 CP - KW			VOLTAGE LEVEL % - DEMAND			LOSS EXPANSION FACTORS			12 CP @ GENERATION - KW					% OF TOTAL	
	@ METER	ADJ	ADJUSTED	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TOTAL	ADJUSTED	SYSTEM	RETAIL
CILC-1D	333,524	0	333,524	0.0000	0.4237	0.5763	1.0208	1.0354	1.0634	0	146,312	204,404	350,716	350,716	1.4674%	1.5381%
CILC-1G	15,655	0	15,655	0.0000	0.0180	0.9820	1.0208	1.0354	1.0634	0	291	16,348	16,640	16,640	0.0696%	0.0730%
CILC-1T	190,926	0	190,926	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	194,906	0	0	194,906	194,906	0.8155%	0.8548%
GS(T)-1	1,656,697	0	1,656,697	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	1,761,761	1,761,761	1,761,761	7.3711%	7.7263%
GSCU-1	6,933	0	6,933	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	7,373	7,373	7,373	0.0308%	0.0323%
GSD(T)-1	4,662,954	0	4,662,954	0.0000	0.0035	0.9965	1.0208	1.0354	1.0634	0	16,789	4,941,425	4,958,214	4,958,214	20.7449%	21.7446%
GSLD(T)-1	1,603,610	0	1,603,610	0.0000	0.0585	0.9415	1.0208	1.0354	1.0634	0	97,114	1,605,565	1,702,679	1,702,679	7.1239%	7.4672%
GSLD(T)-2	493,774	0	493,774	0.0000	0.4306	0.5694	1.0208	1.0354	1.0634	0	220,168	298,961	519,129	519,129	2.1720%	2.2767%
GSLD(T)-3	117,286	0	117,286	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	119,731	0	0	119,731	119,731	0.5009%	0.5251%
MET	11,005	0	11,005	0.0000	1.0000	0.0000	1.0208	1.0354	1.0634	0	11,394	0	11,394	11,394	0.0477%	0.0500%
OL-1	0	0	0	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	0.0000%
OS-2	1,186	0	1,186	0.0000	1.0000	0.0000	1.0208	1.0354	1.0634	0	1,228	0	1,228	1,228	0.0051%	0.0054%
RS(T)-1	12,357,622	0	12,357,622	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	13,141,315	13,141,315	13,141,315	54.9826%	57.6321%
SL-1	0	0	0	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	0.0000%
SL-1M	137	0	137	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	146	146	146	0.0006%	0.0006%
SL-2	4,458	0	4,458	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	4,741	4,741	4,741	0.0198%	0.0208%
SL-2M	1,423	0	1,423	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	1,513	1,513	1,513	0.0063%	0.0066%
SST-DST	144	0	144	0.0000	1.0000	0.0000	1.0208	1.0354	1.0634	0	149	0	149	149	0.0006%	0.0007%
SST-TST	10,242	0	10,242	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	10,455	0	0	10,455	10,455	0.0437%	0.0459%
TOTAL RETAIL	21,467,576	0	21,467,576							325,092	493,446	21,983,553	22,802,091	22,802,091	95.4028%	100.0000%
ALACHUA (INT)	11,412	0	11,412	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	11,650	0	0	11,650	**17,003**	0.0711%	
BLOUNTSOWN	6,326	0	6,326	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	6,458	0	0	6,458	6,458	0.0270%	
FKEC	125,155	0	125,155	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	127,764	0	0	127,764	127,764	0.5346%	
FPUC (INT)	12,896	0	12,896	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	13,164	0	0	13,164	**19,213**	0.0804%	
FPUC (PEAK)	9,114	(9,114)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
G - FPU (INT)	30,367	0	30,367	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	31,000	0	0	31,000	**45,243**	0.1893%	
G - FPU (PEAK)	20,144	(20,144)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
HOMESTEAD	4,082	0	4,082	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	4,167	0	0	4,167	4,167	0.0174%	
HOMESTEAD (INT)	8,326	0	8,326	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	8,500	0	0	8,500	**12,405**	0.0519%	
JEA (INT)	32,653	0	32,653	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	33,333	0	0	33,333	**48,648**	0.2035%	
LCEC	773,742	0	773,742	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	789,871	0	0	789,871	789,871	3.3048%	
MOORE HAVEN	571	0	571	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	583	0	0	583	583	0.0024%	
NEW SMRYNA BCH	7,347	0	7,347	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	7,500	0	0	7,500	7,500	0.0314%	
NEW SMYRNA BCH (INT)	8,979	0	8,979	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	9,167	0	0	9,167	**13,378**	0.0560%	
NEW SMRYNA BCH (PEAK)	0	0	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
QUINCY	0	0	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
QUINCY (INT)	3,102	0	3,102	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	3,167	0	0	3,167	**4,622**	0.0193%	
SEMINOLE (INT)	0	0	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
WAUCHULA	1,878	0	1,878	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	1,917	0	0	1,917	1,917	0.0080%	
WINTER PARK	0	0	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
TOTAL WHOLESALE	1,056,094	(29,258)	1,026,836							1,048,241	0	0	1,048,241	1,098,772	4.5972%	
TOTAL FPL	22,523,670	(29,258)	22,494,412							1,373,334	493,446	21,983,553	23,850,333	23,900,863	100.0000%	
JURIS SEPARATION FACTOR															**0.954028**	

*CONTRACT ADJUSTMENTS ON FOLLOWING PAGE

FLORIDA POWER & LIGHT COMPANY
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
E103INT - INTERMEDIATE STRATA PRODUCTION (CONTRACT ADJUSTED): 12CP Demand
December 2023 - FORECAST (Oct 2021 LF)

RATE CLASS	12 CP - KW			VOLTAGE LEVEL % - DEMAND			LOSS EXPANSION FACTORS			12 CP @ GENERATION - KW					% OF TOTAL	
	@ METER	ADJ	ADJUSTED	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TOTAL	ADJUSTED	SYSTEM	RETAIL

Contract Adjusted 12CP @ Generation -	Line No.	Source/Formula	ALACHUA (INT) Amount	FPUC (INT) Amount	G - FPU (INT) Amount	HOMESTEAD (INT) Amount	JEA (INT) Amount	NSB (INT) Amount	QUINCY (INT) Amount
1) Contract Wholesale Customer 12 CP	1	LF * Load Factor	11,650	13,164	31,000	8,500	33,333	9,167	3,167
2) Intermediate System Capacity Net of Reserve Margin	2								
Intermediate Summer Capacity	3	2020-2029 TYSP	19,652,000	19,652,000	19,652,000	19,652,000	19,652,000	19,652,000	19,652,000
Divide By: System Capacity Including Reserve Margin (Calculation)	4		120.0%	120.0%	120.0%	120.0%	120.0%	120.0%	120.0%
Intermediate System Capacity Net of Reserve Margin	5	L3 / L4	16,376,667	16,376,667	16,376,667	16,376,667	16,376,667	16,376,667	16,376,667
Contract Wholesale Customer Contribution to Intermediate System Capacity Net of Reserve Margin	6	L1 / L5	0.000711	0.000804	0.001893	0.000519	0.002035	0.000560	0.000193
3) Contract Adjusted 12CP @ Generation	7								
Total System 12CP Excluding All Stratified Contracts	8		23,740,351	23,740,351	23,740,351	23,740,351	23,740,351	23,740,351	23,740,351
Contribution (Excl Interm Stratified Contracts) to Other Production System Capacity Net of Reserve Margin	9	1 - Sum L6	0.99328	0.99328	0.99328	0.99328	0.99328	0.99328	0.99328
Total System 12CP Including Intermediate Stratified Contracts	10	L8 / L9	23,900,863	23,900,863	23,900,863	23,900,863	23,900,863	23,900,863	23,900,863
Contract Adjusted 12CP @ Generation	11	L6 * L11	17,003	19,213	45,243	12,405	48,648	13,378	4,622

FLORIDA POWER & LIGHT COMPANY
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
E103PK - PEAKING STRATA PRODUCTION (CONTRACT ADJUSTED): 12CP Demand
December 2023 - FORECAST (Oct 2021 LF)

RATE CLASS	12 CP - KW			VOLTAGE LEVEL % - DEMAND			LOSS EXPANSION FACTORS			12 CP @ GENERATION - KW					% OF TOTAL	
	@ METER	ADJ	ADJUSTED	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TOTAL	ADJUSTED	SYSTEM	RETAIL
CILC-1D	333,524	0	333,524	0.0000	0.4237	0.5763	1.0208	1.0354	1.0634	0	146,312	204,404	350,716	350,716	1.4662%	1.5381%
CILC-1G	15,655	0	15,655	0.0000	0.0180	0.9820	1.0208	1.0354	1.0634	0	291	16,348	16,640	16,640	0.0696%	0.0730%
CILC-1T	190,926	0	190,926	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	194,906	0	0	194,906	194,906	0.8148%	0.8548%
GS(T)-1	1,656,697	0	1,656,697	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	1,761,761	1,761,761	1,761,761	7.3654%	7.7263%
GSCU-1	6,933	0	6,933	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	7,373	7,373	7,373	0.0308%	0.0323%
GSD(T)-1	4,662,954	0	4,662,954	0.0000	0.0035	0.9965	1.0208	1.0354	1.0634	0	16,789	4,941,425	4,958,214	4,958,214	20.7288%	21.7446%
GSLD(T)-1	1,603,610	0	1,603,610	0.0000	0.0585	0.9415	1.0208	1.0354	1.0634	0	97,114	1,605,565	1,702,679	1,702,679	7.1184%	7.4672%
GSLD(T)-2	493,774	0	493,774	0.0000	0.4306	0.5694	1.0208	1.0354	1.0634	0	220,168	298,961	519,129	519,129	2.1703%	2.2767%
GSLD(T)-3	117,286	0	117,286	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	119,731	0	0	119,731	119,731	0.5006%	0.5251%
MET	11,005	0	11,005	0.0000	1.0000	0.0000	1.0208	1.0354	1.0634	0	11,394	0	11,394	11,394	0.0476%	0.0500%
OL-1	0	0	0	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	0.0000%
OS-2	1,186	0	1,186	0.0000	1.0000	0.0000	1.0208	1.0354	1.0634	0	1,228	0	1,228	1,228	0.0051%	0.0054%
RS(T)-1	12,357,622	0	12,357,622	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	13,141,315	13,141,315	13,141,315	54.9398%	57.6321%
SL-1	0	0	0	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	0.0000%
SL-1M	137	0	137	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	146	146	146	0.0006%	0.0006%
SL-2	4,458	0	4,458	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	4,741	4,741	4,741	0.0198%	0.0208%
SL-2M	1,423	0	1,423	0.0000	0.0000	1.0000	1.0208	1.0354	1.0634	0	0	1,513	1,513	1,513	0.0063%	0.0066%
SST-DST	144	0	144	0.0000	1.0000	0.0000	1.0208	1.0354	1.0634	0	149	0	149	149	0.0006%	0.0007%
SST-TST	10,242	0	10,242	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	10,455	0	0	10,455	10,455	0.0437%	0.0459%
TOTAL RETAIL	21,467,576	0	21,467,576							325,092	493,446	21,983,553	22,802,091	22,802,091	95.3285%	100.0000%
ALACHUA (INT)	11,412	(11,412)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
BLOUNTSOWN	6,326	0	6,326	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	6,458	0	0	6,458	6,458	0.0270%	
FKEC	125,155	0	125,155	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	127,764	0	0	127,764	127,764	0.5341%	
FPUC (INT)	12,896	(12,896)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
FPUC (PEAK)	9,114	0	9,114	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	9,304	0	0	9,304	**55,803**	0.2333%	
G - FPU (INT)	30,367	(30,367)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
G - FPU (PEAK)	20,144	0	20,144	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	20,564	0	0	20,564	**123,345**	0.5157%	
HOMESTEAD	4,082	0	4,082	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	4,167	0	0	4,167	4,167	0.0174%	
HOMESTEAD (INT)	8,326	(8,326)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
JEA (INT)	32,653	(32,653)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
LCEC	773,742	0	773,742	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	789,871	0	0	789,871	789,871	3.3022%	
MOORE HAVEN	571	0	571	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	583	0	0	583	583	0.0024%	
NEW SMRYNA BCH	7,347	0	7,347	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	7,500	0	0	7,500	7,500	0.0314%	
NEW SMYRNA BCH (INT)	8,979	(8,979)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
NEW SMRYNA BCH (PEAK)	0	0	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
QUINCY	0	0	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
QUINCY (INT)	3,102	(3,102)	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
SEMINOLE (INT)	0	0	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
WAUCHULA	1,878	0	1,878	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	1,917	0	0	1,917	1,917	0.0080%	
WINTER PARK	0	0	0	1.0000	0.0000	0.0000	1.0208	1.0354	1.0634	0	0	0	0	0	0.0000%	
TOTAL WHOLESALE	1,056,094	(107,735)	948,358							968,128	0	0	968,128	1,117,408	4.6715%	
TOTAL FPL	22,523,670	(107,735)	22,415,935							1,293,220	493,446	21,983,553	23,770,219	23,919,499	100.0000%	

JURIS SEPARATION FACTOR **0.953285**

***CONTRACT ADJUSTMENTS ON FOLLOWING PAGE**

FLORIDA POWER & LIGHT COMPANY
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
E103PK - PEAKING STRATA PRODUCTION (CONTRACT ADJUSTED): 12CP Demand
December 2023 - FORECAST (Oct 2021 LF)

RATE CLASS	12 CP - KW			VOLTAGE LEVEL % - DEMAND			LOSS EXPANSION FACTORS			12 CP @ GENERATION - KW					% OF TOTAL	
	@ METER	ADJ	ADJUSTED	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TOTAL	ADJUSTED	SYSTEM	RETAIL

Contract Adjusted 12CP @ Generation -	Line No.	Source/Formula	FPUC (PEAK) Amount	G - FPU (PEAK) Amount
1) Contract Wholesale Customer 12 CP	1	Load Forecast * Loss Factor	9,304	20,564
2) Peaking System Capacity Net of Reserve Margin	2			
Peaking Summer Capacity	3	2020-2029 TYSP	4,785,500	4,785,500
Divide By: System Capacity Including Reserve Margin (Calculation)	4		120.0%	120.0%
Peaking System Capacity Net of Reserve Margin	5	L3 / L4	3,987,917	3,987,917
Contract Wholesale Customer Contribution to Intermediate System Capacity Net of Reserve Margin	6	L1 / L5	0.00233	0.00516
3) Contract Adjusted 12CP @ Generation	7			
Total System 12CP Excluding All Stratified Contracts	8		23,740,351	23,740,351
Contribution (Excluding Peaking Stratified Contracts) to Other Production System Capacity Net of Reserve Margin	9	1 - Sum L6	0.99251	0.99251
Total System 12CP Including Intermediate Stratified Contracts	10	L8 / L9	23,919,499	23,919,499
Contract Adjusted 12CP @ Generation	11	L6 * L11	55,803	123,345

FLORIDA POWER & LIGHT COMPANY
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
E104 - DISTRIBUTION: Group Non-Coincident Peak (GNCP) Demand
December 2023 - FORECAST (Oct 2021 LF)

RATE CLASS	MAX GNCP	VOLTAGE LEVEL % - DEMAND		LOSS EXPANSION FACTORS		MAX GNCP @ GENERATION			% OF TOTAL	
	@ METER	PRIMARY	SECOND	PRIMARY	SECOND	PRIMARY	SECOND	TOTAL	SYSTEM	RETAIL
CILC-1D	362,817	0.4237	0.5763	1.0354	1.0634	159,162	222,356	381,518	1.3905%	1.3905%
CILC-1G	16,999	0.0180	0.9820	1.0354	1.0634	316	17,752	18,068	0.0659%	0.0659%
CILC-1T	222,769	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	0.0000%
GS(T)-1	1,890,908	0.0000	1.0000	1.0354	1.0634	0	2,010,825	2,010,825	7.3287%	7.3287%
GSCU-1	7,885	0.0000	1.0000	1.0354	1.0634	0	8,385	8,385	0.0306%	0.0306%
GSD(T)-1	5,161,167	0.0035	0.9965	1.0354	1.0634	18,583	5,469,391	5,487,974	20.0017%	20.0017%
GSLD(T)-1	1,855,992	0.0585	0.9415	1.0354	1.0634	112,398	1,858,256	1,970,653	7.1823%	7.1823%
GSLD(T)-2	535,052	0.4306	0.5694	1.0354	1.0634	238,574	323,953	562,527	2.0502%	2.0502%
GSLD(T)-3	153,178	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	0.0000%
MET	13,182	1.0000	0.0000	1.0354	1.0634	13,648	0	13,648	0.0497%	0.0497%
OL-1	23,635	0.0000	1.0000	1.0354	1.0634	0	25,134	25,134	0.0916%	0.0916%
OS-2	8,141	1.0000	0.0000	1.0354	1.0634	8,429	0	8,429	0.0307%	0.0307%
RS(T)-1	15,781,681	0.0000	1.0000	1.0354	1.0634	0	16,782,521	16,782,521	61.1663%	61.1663%
SL-1	109,288	0.0000	1.0000	1.0354	1.0634	0	116,219	116,219	0.4236%	0.4236%
SL-1M	9,161	0.0000	1.0000	1.0354	1.0634	0	9,742	9,742	0.0355%	0.0355%
SL-2	6,366	0.0000	1.0000	1.0354	1.0634	0	6,770	6,770	0.0247%	0.0247%
SL-2M	3,204	0.0000	1.0000	1.0354	1.0634	0	3,407	3,407	0.0124%	0.0124%
SST-DST	30,624	1.0000	0.0000	1.0354	1.0634	31,708	0	31,708	0.1156%	0.1156%
SST-TST	41,408	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	0.0000%
TOTAL RETAIL	26,233,458					582,818	26,854,711	27,437,529	100.0000%	100.0000%
ALACHUA (INT)	13,975	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
BLOUNTSOWN	7,099	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
FKEC	144,414	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
FPUC (INT)	13,715	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
FPUC (PEAK)	29,045	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
G - FPU (INT)	30,368	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
G - FPU (PEAK)	30,569	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
HOMESTEAD	24,490	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
HOMESTEAD (INT)	49,960	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
JEA (INT)	195,917	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
LCEC	875,645	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
MOORE HAVEN	3,919	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
NEW SMRYNA BCH	44,082	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
NEW SMYRNA BCH (INT)	19,593	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
NEW SMRYNA BCH (PEAK)	0	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
QUINCY	0	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
QUINCY (INT)	18,613	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
SEMINOLE (INT)	0	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
WAUCHULA	13,715	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
WINTER PARK	0	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
TOTAL WHOLESALE	1,515,118					0	0	0	0.0000%	
TOTAL FPL	27,748,576					582,818	26,854,711	27,437,529	100.0000%	
JURIS SEPARATION FACTOR									1.000000	

FLORIDA POWER & LIGHT COMPANY
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
E104 - DISTRIBUTION: Group Non-Coincident Peak (GNCP) Demand
December 2023 - FORECAST (Oct 2021 LF)

RATE CLASS	MAX GNCP	VOLTAGE LEVEL % - DEMAND		LOSS EXPANSION FACTORS		MAX GNCP @ GENERATION			% OF TOTAL	
	@ METER	PRIMARY	SECOND	PRIMARY	SECOND	PRIMARY	SECOND	TOTAL	SYSTEM	RETAIL
CILC-1D	362,817	0.4237	0.5763	1.0354	1.0634	159,162	222,356	381,518	1.3905%	1.3905%
CILC-1G	16,999	0.0180	0.9820	1.0354	1.0634	316	17,752	18,068	0.0659%	0.0659%
CILC-1T	222,769	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	0.0000%
GS(T)-1	1,890,908	0.0000	1.0000	1.0354	1.0634	0	2,010,825	2,010,825	7.3287%	7.3287%
GSCU-1	7,885	0.0000	1.0000	1.0354	1.0634	0	8,385	8,385	0.0306%	0.0306%
GSD(T)-1	5,161,167	0.0035	0.9965	1.0354	1.0634	18,583	5,469,391	5,487,974	20.0017%	20.0017%
GSLD(T)-1	1,855,992	0.0585	0.9415	1.0354	1.0634	112,398	1,858,256	1,970,653	7.1823%	7.1823%
GSLD(T)-2	535,052	0.4306	0.5694	1.0354	1.0634	238,574	323,953	562,527	2.0502%	2.0502%
GSLD(T)-3	153,178	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	0.0000%
MET	13,182	1.0000	0.0000	1.0354	1.0634	13,648	0	13,648	0.0497%	0.0497%
OL-1	23,635	0.0000	1.0000	1.0354	1.0634	0	25,134	25,134	0.0916%	0.0916%
OS-2	8,141	1.0000	0.0000	1.0354	1.0634	8,429	0	8,429	0.0307%	0.0307%
RS(T)-1	15,781,681	0.0000	1.0000	1.0354	1.0634	0	16,782,521	16,782,521	61.1663%	61.1663%
SL-1	109,288	0.0000	1.0000	1.0354	1.0634	0	116,219	116,219	0.4236%	0.4236%
SL-1M	9,161	0.0000	1.0000	1.0354	1.0634	0	9,742	9,742	0.0355%	0.0355%
SL-2	6,366	0.0000	1.0000	1.0354	1.0634	0	6,770	6,770	0.0247%	0.0247%
SL-2M	3,204	0.0000	1.0000	1.0354	1.0634	0	3,407	3,407	0.0124%	0.0124%
SST-DST	30,624	1.0000	0.0000	1.0354	1.0634	31,708	0	31,708	0.1156%	0.1156%
SST-TST	41,408	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	0.0000%
TOTAL RETAIL	26,233,458					582,818	26,854,711	27,437,529	100.0000%	100.0000%
ALACHUA (INT)	13,975	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
BLOUNTSOWN	7,099	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
FKEC	144,414	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
FPUC (INT)	13,715	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
FPUC (PEAK)	29,045	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
G - FPU (INT)	30,368	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
G - FPU (PEAK)	30,569	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
HOMESTEAD	24,490	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
HOMESTEAD (INT)	49,960	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
JEA (INT)	195,917	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
LCEC	875,645	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
MOORE HAVEN	3,919	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
NEW SMRYNA BCH	44,082	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
NEW SMYRNA BCH (INT)	19,593	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
NEW SMRYNA BCH (PEAK)	0	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
QUINCY	0	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
QUINCY (INT)	18,613	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
SEMINOLE (INT)	0	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
WAUCHULA	13,715	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
WINTER PARK	0	0.0000	0.0000	1.0354	1.0634	0	0	0	0.0000%	
TOTAL WHOLESALE	1,515,118					0	0	0	0.0000%	
TOTAL FPL	27,748,576					582,818	26,854,711	27,437,529	100.0000%	
JURIS SEPARATION FACTOR									1.000000	

FLORIDA POWER & LIGHT COMPANY
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
E201 - TOTAL SALES: Total Annual Energy
December 2023 - FORECAST (Oct 2021 LF)

RATE CLASS	MWH SALES	VOLTAGE LEVEL %			LOSS EXPANSION FACTORS			MWH SALES @ GENERATION				% OF TOTAL	
	@ METER	TRANS	PRIMARY	SECONDARY	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TOTAL	SYSTEM	RETAIL
CILC-1D	2,500,602	0.0000	0.4171	0.5829	1.0164	1.0273	1.0483	0	1,071,406	1,528,064	2,599,470	1.8896%	2.0017%
CILC-1G	111,507	0.0000	0.0170	0.9830	1.0164	1.0273	1.0483	0	1,952	114,898	116,850	0.0849%	0.0900%
CILC-1T	1,553,731	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	1,579,224	0	0	1,579,224	1.1480%	1.2161%
GS(T)-1	8,667,484	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	9,085,846	9,085,846	6.6046%	6.9965%
GSCU-1	57,982	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	60,781	60,781	0.0442%	0.0468%
GSD(T)-1	28,841,713	0.0000	0.0037	0.9963	1.0164	1.0273	1.0483	0	108,235	30,123,403	30,231,638	21.9757%	23.2796%
GSLD(T)-1	9,826,789	0.0000	0.0574	0.9426	1.0164	1.0273	1.0483	0	579,759	9,709,537	10,289,295	7.4794%	7.9232%
GSLD(T)-2	3,517,754	0.0000	0.4313	0.5687	1.0164	1.0273	1.0483	0	1,558,636	2,097,154	3,655,790	2.6574%	2.8151%
GSLD(T)-3	862,622	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	876,776	0	0	876,776	0.6373%	0.6752%
MET	72,462	0.0000	1.0000	0.0000	1.0164	1.0273	1.0483	0	74,443	0	74,443	0.0541%	0.0573%
OL-1	88,618	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	92,896	92,896	0.0675%	0.0715%
OS-2	11,011	0.0000	1.0000	0.0000	1.0164	1.0273	1.0483	0	11,312	0	11,312	0.0082%	0.0087%
RS(T)-1	67,365,434	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	70,617,027	70,617,027	51.3322%	54.3781%
SL-1	401,611	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	420,995	420,995	0.3060%	0.3242%
SL-1M	32,364	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	33,926	33,926	0.0247%	0.0261%
SL-2	37,681	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	39,500	39,500	0.0287%	0.0304%
SL-2M	17,399	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	18,239	18,239	0.0133%	0.0140%
SST-DST	2,058	0.0000	1.0000	0.0000	1.0164	1.0273	1.0483	0	2,114	0	2,114	0.0015%	0.0016%
SST-TST	56,044	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	56,963	0	0	56,963	0.0414%	0.0439%
TOTAL RETAIL	124,024,865							2,512,963	3,407,856	123,942,265	129,863,084	94.3988%	100.0000%
ALACHUA (INT)	67,382	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	68,487	0	0	68,487	0.0498%	
BLOUNTSOWN	34,579	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	35,146	0	0	35,146	0.0255%	
FKEC	788,915	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	801,860	0	0	801,860	0.5829%	
FPUC (INT)	101,728	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	103,398	0	0	103,398	0.0752%	
FPUC (PEAK)	53,455	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	54,332	0	0	54,332	0.0395%	
G - FPU (INT)	181,040	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	184,010	0	0	184,010	0.1338%	
G - FPU (PEAK)	100,523	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	102,172	0	0	102,172	0.0743%	
HOMESTEAD	32,810	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	33,349	0	0	33,349	0.0242%	
HOMESTEAD (INT)	237,348	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	241,242	0	0	241,242	0.1754%	
JEA (INT)	1,160,000	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	1,179,033	0	0	1,179,033	0.8571%	
LCEC	4,404,135	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	4,476,398	0	0	4,476,398	3.2539%	
MOORE HAVEN	16,445	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	16,715	0	0	16,715	0.0122%	
NEW SMRYNA BCH	236,909	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	240,796	0	0	240,796	0.1750%	
NEW SMYRNA BCH (INT)	3,287	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	3,341	0	0	3,341	0.0024%	
NEW SMRYNA BCH (PEAK)	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
QUINCY	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
QUINCY (INT)	97,098	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	98,691	0	0	98,691	0.0717%	
SEMINOLE (INT)	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
WAUCHULA	65,481	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	66,555	0	0	66,555	0.0484%	
WINTER PARK	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
TOTAL WHOLESALE	7,581,134							7,705,525	0	0	7,705,525	5.6012%	
TOTAL FPL	131,606,000							10,218,488	3,407,856	123,942,265	137,568,608	100.0000%	
JURIS SEPARATION FACTOR												0.943988	

FLORIDA POWER & LIGHT COMPANY
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
E202 - NON-STRATIFIED SALES: Total Annual Energy
December 2023 - FORECAST (Oct 2021 LF)

RATE CLASS	MWH SALES			VOLTAGE LEVEL %			LOSS EXPANSION FACTORS			MWH SALES @ GENERATION				% OF TOTAL	
	@ METER	ADJ	ADJUSTED	TRANS	PRIMARY	SECONDARY	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TOTAL	SYSTEM	RETAIL
CILC-1D	2,500,602	0	2,500,602	0.0000	0.4171	0.5829	1.0164	1.0273	1.0483	0	1,071,406	1,528,064	2,599,470	1.9179%	2.0017%
CILC-1G	111,507	0	111,507	0.0000	0.0170	0.9830	1.0164	1.0273	1.0483	0	1,952	114,898	116,850	0.0862%	0.0900%
CILC-1T	1,553,731	0	1,553,731	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	1,579,224	0	0	1,579,224	1.1652%	1.2161%
GS(T)-1	8,667,484	0	8,667,484	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	9,085,846	9,085,846	6.7037%	6.9965%
GSCU-1	57,982	0	57,982	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	60,781	60,781	0.0448%	0.0468%
GSD(T)-1	28,841,713	0	28,841,713	0.0000	0.0037	0.9963	1.0164	1.0273	1.0483	0	108,235	30,123,403	30,231,638	22.3056%	23.2796%
GSLD(T)-1	9,826,789	0	9,826,789	0.0000	0.0574	0.9426	1.0164	1.0273	1.0483	0	579,759	9,709,537	10,289,295	7.5917%	7.9232%
GSLD(T)-2	3,517,754	0	3,517,754	0.0000	0.4313	0.5687	1.0164	1.0273	1.0483	0	1,558,636	2,097,154	3,655,790	2.6973%	2.8151%
GSLD(T)-3	862,622	0	862,622	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	876,776	0	0	876,776	0.6469%	0.6752%
MET	72,462	0	72,462	0.0000	1.0000	0.0000	1.0164	1.0273	1.0483	0	74,443	0	74,443	0.0549%	0.0573%
OL-1	88,618	0	88,618	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	92,896	92,896	0.0685%	0.0715%
OS-2	11,011	0	11,011	0.0000	1.0000	0.0000	1.0164	1.0273	1.0483	0	11,312	0	11,312	0.0083%	0.0087%
RS(T)-1	67,365,434	0	67,365,434	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	70,617,027	70,617,027	52.1029%	54.3781%
SL-1	401,611	0	401,611	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	420,995	420,995	0.3106%	0.3242%
SL-1M	32,364	0	32,364	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	33,926	33,926	0.0250%	0.0261%
SL-2	37,681	0	37,681	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	39,500	39,500	0.0291%	0.0304%
SL-2M	17,399	0	17,399	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	18,239	18,239	0.0135%	0.0140%
SST-DST	2,058	0	2,058	0.0000	1.0000	0.0000	1.0164	1.0273	1.0483	0	2,114	0	2,114	0.0016%	0.0016%
SST-TST	56,044	0	56,044	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	56,963	0	0	56,963	0.0420%	0.0439%
TOTAL RETAIL	124,024,865	0	124,024,865							2,512,963	3,407,856	123,942,265	129,863,084	95.8159%	100.0000%
ALACHUA (INT)	67,382	(67,382)	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
BLOUNTSOWN	34,579	0	34,579	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	35,146	0	0	35,146	0.0259%	
FKEC	788,915	0	788,915	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	801,860	0	0	801,860	0.5916%	
FPUC (INT)	101,728	(101,728)	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
FPUC (PEAK)	53,455	(53,455)	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
G - FPU (INT)	181,040	(181,040)	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
G - FPU (PEAK)	100,523	(100,523)	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
HOMESTEAD	32,810	0	32,810	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	33,349	0	0	33,349	0.0246%	
HOMESTEAD (INT)	237,348	(237,348)	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
JEA (INT)	1,160,000	(1,160,000)	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
LCEC	4,404,135	0	4,404,135	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	4,476,398	0	0	4,476,398	3.3028%	
MOORE HAVEN	16,445	0	16,445	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	16,715	0	0	16,715	0.0123%	
NEW SMRYNA BCH	236,909	0	236,909	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	240,796	0	0	240,796	0.1777%	
NEW SMRYNA BCH (PEAK)	0	0	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
NEW SMYRNA BCH (INT)	3,287	(3,287)	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
QUINCY	0	0	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
QUINCY (INT)	97,098	(97,098)	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
SEMINOLE (INT)	0	0	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
WAUCHULA	65,481	0	65,481	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	66,555	0	0	66,555	0.0491%	
WINTER PARK	0	0	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
TOTAL WHOLESALE	7,581,134	(2,001,860)	5,579,274							5,670,818	0	0	5,670,818	4.1841%	
TOTAL FPL	131,606,000	(2,001,860)	129,604,140							8,183,782	3,407,856	123,942,265	135,533,902	100.0000%	
JURIS SEPARATION FACTOR														0.958159	

FLORIDA POWER & LIGHT COMPANY
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
E203INT - INTERMEDIATE STRATA SALES (CONTRACT ADJUSTED): Total Annual Energy
December 2023 - FORECAST (Oct 2021 LF)

RATE CLASS	MWH SALES			VOLTAGE LEVEL %			LOSS EXPANSION FACTORS			MWH SALES @ GENERATION				% OF TOTAL	
	@ METER	ADJ	ADJUSTED	TRANS	PRIMARY	SECONDARY	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TOTAL	SYSTEM	RETAIL
CILC-1D	2,500,602	0	2,500,602	0.0000	0.4171	0.5829	1.0164	1.0273	1.0483	0	1,071,406	1,528,064	2,599,470	1.8917%	2.0017%
CILC-1G	111,507	0	111,507	0.0000	0.0170	0.9830	1.0164	1.0273	1.0483	0	1,952	114,898	116,850	0.0850%	0.0900%
CILC-1T	1,553,731	0	1,553,731	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	1,579,224	0	0	1,579,224	1.1493%	1.2161%
GS(T)-1	8,667,484	0	8,667,484	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	9,085,846	9,085,846	6.6121%	6.9965%
GSCU-1	57,982	0	57,982	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	60,781	60,781	0.0442%	0.0468%
GSD(T)-1	28,841,713	0	28,841,713	0.0000	0.0037	0.9963	1.0164	1.0273	1.0483	0	108,235	30,123,403	30,231,638	22.0007%	23.2796%
GSLD(T)-1	9,826,789	0	9,826,789	0.0000	0.0574	0.9426	1.0164	1.0273	1.0483	0	579,759	9,709,537	10,289,295	7.4879%	7.9232%
GSLD(T)-2	3,517,754	0	3,517,754	0.0000	0.4313	0.5687	1.0164	1.0273	1.0483	0	1,558,636	2,097,154	3,655,790	2.6605%	2.8151%
GSLD(T)-3	862,622	0	862,622	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	876,776	0	0	876,776	0.6381%	0.6752%
MET	72,462	0	72,462	0.0000	1.0000	0.0000	1.0164	1.0273	1.0483	0	74,443	0	74,443	0.0542%	0.0573%
OL-1	88,618	0	88,618	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	92,896	92,896	0.0676%	0.0715%
OS-2	11,011	0	11,011	0.0000	1.0000	0.0000	1.0164	1.0273	1.0483	0	11,312	0	11,312	0.0082%	0.0087%
RS(T)-1	67,365,434	0	67,365,434	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	70,617,027	70,617,027	51.3907%	54.3781%
SL-1	401,611	0	401,611	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	420,995	420,995	0.3064%	0.3242%
SL-1M	32,364	0	32,364	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	33,926	33,926	0.0247%	0.0261%
SL-2	37,681	0	37,681	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	39,500	39,500	0.0287%	0.0304%
SL-2M	17,399	0	17,399	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	18,239	18,239	0.0133%	0.0140%
SST-DST	2,058	0	2,058	0.0000	1.0000	0.0000	1.0164	1.0273	1.0483	0	2,114	0	2,114	0.0015%	0.0016%
SST-TST	56,044	0	56,044	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	56,963	0	0	56,963	0.0415%	0.0439%
TOTAL RETAIL	124,024,865	0	124,024,865							2,512,963	3,407,856	123,942,265	129,863,084	94.5063%	100.0000%
ALACHUA (INT)	67,382	0	67,382	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	68,487	0	0	68,487	0.0498%	
BLOUNTSOWN	34,579	0	34,579	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	35,146	0	0	35,146	0.0256%	
FKEC	788,915	0	788,915	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	801,860	0	0	801,860	0.5835%	
FPUC (INT)	101,728	0	101,728	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	103,398	0	0	103,398	0.0752%	
FPUC (PEAK)	53,455	(53,455)	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
G - FPU (INT)	181,040	0	181,040	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	184,010	0	0	184,010	0.1339%	
G - FPU (PEAK)	100,523	(100,523)	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
HOMESTEAD	32,810	0	32,810	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	33,349	0	0	33,349	0.0243%	
HOMESTEAD (INT)	237,348	0	237,348	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	241,242	0	0	241,242	0.1756%	
JEA (INT)	1,160,000	0	1,160,000	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	1,179,033	0	0	1,179,033	0.8580%	
LCEC	4,404,135	0	4,404,135	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	4,476,398	0	0	4,476,398	3.2576%	
MOORE HAVEN	16,445	0	16,445	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	16,715	0	0	16,715	0.0122%	
NEW SMRYNA BCH	236,909	0	236,909	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	240,796	0	0	240,796	0.1752%	
NEW SMYRNA BCH (INT)	3,287	0	3,287	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	3,341	0	0	3,341	0.0024%	
NEW SMRYNA BCH (PEAK)	0	0	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
QUINCY	0	0	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
QUINCY (INT)	97,098	0	97,098	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	98,691	0	0	98,691	0.0718%	
SEMINOLE (INT)	0	0	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
WAUCHULA	65,481	0	65,481	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	66,555	0	0	66,555	0.0484%	
WINTER PARK	0	0	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
TOTAL WHOLESALE	7,581,134	(153,977)	7,427,157							7,549,021	0	0	7,549,021	5.4937%	
TOTAL FPL	131,606,000	(153,977)	131,452,022							10,061,984	3,407,856	123,942,265	137,412,105	100.0000%	
JURIS SEPARATION FACTOR														0.945063	

FLORIDA POWER & LIGHT COMPANY
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
E203PK - PEAKING STRATA SALES (CONTRACT ADJUSTED): Total Annual Energy
December 2023 - FORECAST (Oct 2021 LF)

RATE CLASS	MWH SALES			VOLTAGE LEVEL %			LOSS EXPANSION FACTORS			MWH SALES @ GENERATION				% OF TOTAL	
	@ METER	ADJ	ADJUSTED	TRANS	PRIMARY	SECONDARY	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TOTAL	SYSTEM	RETAIL
CILC-1D	2,500,602	0	2,500,602	0.0000	0.4171	0.5829	1.0164	1.0273	1.0483	0	1,071,406	1,528,064	2,599,470	1.9157%	2.0017%
CILC-1G	111,507	0	111,507	0.0000	0.0170	0.9830	1.0164	1.0273	1.0483	0	1,952	114,898	116,850	0.0861%	0.0900%
CILC-1T	1,553,731	0	1,553,731	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	1,579,224	0	0	1,579,224	1.1638%	1.2161%
GS(T)-1	8,667,484	0	8,667,484	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	9,085,846	9,085,846	6.6960%	6.9965%
GSCU-1	57,982	0	57,982	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	60,781	60,781	0.0448%	0.0468%
GSD(T)-1	28,841,713	0	28,841,713	0.0000	0.0037	0.9963	1.0164	1.0273	1.0483	0	108,235	30,123,403	30,231,638	22.2799%	23.2796%
GSLD(T)-1	9,826,789	0	9,826,789	0.0000	0.0574	0.9426	1.0164	1.0273	1.0483	0	579,759	9,709,537	10,289,295	7.5829%	7.9232%
GSLD(T)-2	3,517,754	0	3,517,754	0.0000	0.4313	0.5687	1.0164	1.0273	1.0483	0	1,558,636	2,097,154	3,655,790	2.6942%	2.8151%
GSLD(T)-3	862,622	0	862,622	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	876,776	0	0	876,776	0.6462%	0.6752%
MET	72,462	0	72,462	0.0000	1.0000	0.0000	1.0164	1.0273	1.0483	0	74,443	0	74,443	0.0549%	0.0573%
OL-1	88,618	0	88,618	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	92,896	92,896	0.0685%	0.0715%
OS-2	11,011	0	11,011	0.0000	1.0000	0.0000	1.0164	1.0273	1.0483	0	11,312	0	11,312	0.0083%	0.0087%
RS(T)-1	67,365,434	0	67,365,434	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	70,617,027	70,617,027	52.0428%	54.3781%
SL-1	401,611	0	401,611	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	420,995	420,995	0.3103%	0.3242%
SL-1M	32,364	0	32,364	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	33,926	33,926	0.0250%	0.0261%
SL-2	37,681	0	37,681	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	39,500	39,500	0.0291%	0.0304%
SL-2M	17,399	0	17,399	0.0000	0.0000	1.0000	1.0164	1.0273	1.0483	0	0	18,239	18,239	0.0134%	0.0140%
SST-DST	2,058	0	2,058	0.0000	1.0000	0.0000	1.0164	1.0273	1.0483	0	2,114	0	2,114	0.0016%	0.0016%
SST-TST	56,044	0	56,044	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	56,963	0	0	56,963	0.0420%	0.0439%
TOTAL RETAIL	124,024,865	0	124,024,865							2,512,963	3,407,856	123,942,265	129,863,084	95.7054%	100.0000%
ALACHUA (INT)	67,382	(67,382)	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
BLOUNTSOWN	34,579	0	34,579	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	35,146	0	0	35,146	0.0259%	
FKEC	788,915	0	788,915	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	801,860	0	0	801,860	0.5909%	
FPUC (INT)	101,728	(101,728)	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
FPUC (PEAK)	53,455	0	53,455	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	54,332	0	0	54,332	0.0400%	
G - FPU (INT)	181,040	(181,040)	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
G - FPU (PEAK)	100,523	0	100,523	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	102,172	0	0	102,172	0.0753%	
HOMESTEAD	32,810	0	32,810	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	33,349	0	0	33,349	0.0246%	
HOMESTEAD (INT)	237,348	(237,348)	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
JEA (INT)	1,160,000	(1,160,000)	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
LCEC	4,404,135	0	4,404,135	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	4,476,398	0	0	4,476,398	3.2990%	
MOORE HAVEN	16,445	0	16,445	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	16,715	0	0	16,715	0.0123%	
NEW SMRYNA BCH	236,909	0	236,909	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	240,796	0	0	240,796	0.1775%	
NEW SMYRNA BCH (INT)	3,287	(3,287)	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
NEW SMRYNA BCH (PEAK)	0	0	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
QUINCY	0	0	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
QUINCY (INT)	97,098	(97,098)	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
SEMINOLE (INT)	0	0	0	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	0	0	0	0	0.0000%	
WAUCHULA	65,481	0	65,481	1.0000	0.0000	0.0000	1.0164	1.0273	1.0483	66,555	0	0	66,555	0.0490%	
TOTAL WHOLESALE	7,581,134	(1,847,883)	5,733,252							5,827,322	0	0	5,827,322	4.2946%	
TOTAL FPL	131,606,000	(1,847,883)	129,758,117							8,340,285	3,407,856	123,942,265	135,690,406	100.0000%	
JURISDICTIONAL SEPARATION F/															0.957054

FLORIDA POWER & LIGHT COMPANY
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
SEP - Internal Factors Based on External Factors
December 2023 - FORECAST (Oct 2021 LF)

SEP - INTERNAL FACTORS BASED ON EXTERNAL FACTORS	ALLOCATOR	COMPANY PER BOOKS	SEPARATION FACTOR	JURISDICTONAL	INTERNAL SEPARATION FACTOR
I900-LABOR-EXC-A&G					
L_INC100000 - STEAM O&M PAY - OPERAT SUPERV & ENG	BLENDED	(400,355)	0.941850	(377,075)	
L_INC101210 - STEAM O&M PAY - FUEL - NON RECOVERABLE OIL	BLENDED	134,365	0.951188	127,806	
L_INC102000 - STEAM O&M PAY - STEAM EXPENSES	BLENDED	2,006,780	0.960335	1,927,181	
L_INC105000 - STEAM O&M PAY - ELECTRIC EXPENSES	BLENDED	1,524,170	0.960312	1,463,679	
L_INC106000 - STEAM O&M PAY - MISC STEAM POWER EXPENSES	BLENDED	5,378,439	0.957966	5,152,361	
L_INC110000 - STEAM O&M PAY - MAINT SUPERV & ENG	BLENDED	(187,867)	0.907402	(170,471)	
L_INC111000 - STEAM O&M PAY - MAINT OF STRUCTURES	BLENDED	1,441,393	0.959752	1,383,380	
L_INC112000 - STEAM O&M PAY - MAINT OF BOILER PLANT	BLENDED	2,595,849	0.957105	2,484,499	
L_INC113000 - STEAM O&M PAY - MAINT OF ELECTRIC PLANT	BLENDED	1,354,314	0.953926	1,291,915	
L_INC114000 - STEAM O&M PAY - MAINT OF MISC STEAM PLT	BLENDED	(14,996)	0.958141	(14,369)	
L_INC117000 - NUCLEAR O&M PAY - OPER SUPERV & ENG	E102NS	41,443,619	0.960478	39,805,695	
L_INC119000 - NUCLEAR O&M PAY - COOLANTS AND WATER	E102NS	3,573,102	0.960478	3,431,887	
L_INC120000 - NUCLEAR O&M PAY - STEAM EXPENSES	E102NS	37,232,440	0.960478	35,760,949	
L_INC123000 - NUCLEAR O&M PAY - ELECTRIC EXP	E102NS	258	0.960478	248	
L_INC124000 - NUCLEAR O&M PAY - MISC NUCLEAR POWER EXP	E102NS	23,882,087	0.960478	22,938,225	
L_INC128000 - NUCLEAR O&M PAY - MAINT SUPERVISION & ENGINEERING	E202NS	271,921,746	0.958159	260,544,380	
L_INC129000 - NUCLEAR O&M PAY - MAINT OF STRUCTURES	E102NS	51,563	0.960478	49,525	
L_INC130000 - NUCLEAR O&M PAY - MAINT OF REACTOR PLANT	E202NS	4,812	0.958159	4,611	
L_INC131000 - NUCLEAR O&M PAY - MAINT OF ELECTRIC PLANT	E202NS	55,067	0.958159	52,763	
L_INC132000 - NUCLEAR O&M PAY - MAINT OF MISC NUCLEAR PLANT	E202NS	952	0.958159	912	
L_INC146000 - OTH PWR O&M PAY - OPERAT SUPERV & ENG	BLENDED	9,264,485	0.955254	8,849,936	
L_INC147200 - OTH PWR O&M PAY - FUEL N- RECOV EMISSIONS FEE	BLENDED	3,539,863	0.944008	3,341,660	
L_INC148000 - OTH PWR O&M PAY- GENERATION EXPENSES	BLENDED	9,718,032	0.954980	9,280,528	
L_INC149000 - OTH PWR O&M PAY - MISC OTHER POWER GENERATION EXPENSES	BLENDED	16,277,533	0.955664	15,555,853	
L_INC151000 - OTH PWR O&M PAY - MAINT SUPERV & ENG	BLENDED	4,439,030	0.951083	4,221,884	
L_INC152000 - OTH PWR O&M PAY - MAINT OF STRUCTURES	BLENDED	21,747,251	0.954061	20,748,197	
L_INC153000 - OTH PWR O&M PAY - MAINT GENERATING & ELECTRIC PLANT	BLENDED	17,335,583	0.946035	16,400,067	
L_INC154000 - OTH PWR O&M PAY - MAINT MISC OTHER PWR GENERAT	BLENDED	3,293,269	0.946220	3,116,156	
L_INC156000 - OTH PWR O&M PAY - SYSTEM CONTROL & LOAD DISPATCH	I340	247,859	0.955793	236,902	
L_INC157000 - OTH PWR O&M PAY - OTHER EXPENSES LOC 955	I340	1,614,809	0.955793	1,543,423	
L_INC260010 - TRANS O&M PAY - OPERATION SUPERV & ENGINEERING	E101	(3,260,294)	0.899282	(2,931,924)	
L_INC261000 - TRANS O&M PAY - LOAD DISPATCHING	E101	3,803,330	0.899282	3,420,267	
L_INC262000 - TRANS O&M PAY - STATION EXPENSES	E101	991,548	0.899282	891,681	
L_INC263000 - TRANS O&M PAY - OVERHEAD LINE EXPENSES	E101	72,090	0.899282	64,829	
L_INC266000 - TRANS O&M PAY - MISC TRANSMISSION EXPENSES	E101	5,726,938	0.899282	5,150,134	
L_INC268010 - TRANS O&M PAY - MAINT SUPERV & ENG	E101	1,276,483	0.899282	1,147,919	
L_INC269000 - TRANS O&M PAY - MAINT OF STRUCTURES	E101	3,215,362	0.899282	2,891,518	
L_INC270000 - TRANS O&M PAY - MAINT OF STATION EQ	E101	1,587,725	0.899282	1,427,813	
L_INC271000 - TRANS O&M PAY - MAINT OF OVERHEAD LINES	E101	24,066	0.899282	21,642	
L_INC272000 - TRANS O&M PAY - MAINT UNDERGROUND LINES	E101	19,903	0.899282	17,898	
L_INC380000 - DIST O&M PAY - OPERATION SUPERVISION AND ENGINEERING	E104	17,722,110	1.000000	17,722,110	
L_INC381000 - DIST O&M PAY - LOAD DISPATCHING	E104	4,441,712	1.000000	4,441,712	
L_INC382000 - DIST O&M PAY - SUBSTATION EXPENSES	E104	1,056,465	1.000000	1,056,465	

FLORIDA POWER & LIGHT COMPANY
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
SEP - Internal Factors Based on External Factors
December 2023 - FORECAST (Oct 2021 LF)

SEP - INTERNAL FACTORS BASED ON EXTERNAL FACTORS	ALLOCATOR	COMPANY PER BOOKS	SEPARATION FACTOR	JURISDICTONAL	INTERNAL SEPARATION FACTOR
L_INC383000 - DIST O&M PAY - OVERHEAD LINE EXPENSES	I365T	4,176,076	1.000000	4,176,076	
L_INC384000 - DIST O&M PAY - UNDERGROUND LINE EXP	I367T	1,302,577	1.000000	1,302,577	
L_INC385000 - DIST O&M PAY - STREET LIGHTING AND SIGNAL SYSTEM EXPENSES	E508	366,485	1.000000	366,485	
L_INC386000 - DIST O&M PAY - METER EXPENSES	E325	(10,287,460)	0.996132	(10,247,668)	
L_INC387000 - DIST O&M PAY - CUSTOMER INSTALLATIONS EXP	E309	1,006,393	1.000000	1,006,393	
L_INC388000 - DIST O&M PAY - MISC DISTRIBUTION EXPENSES	E104	25,553,062	1.000000	25,553,062	
L_INC390000 - DIST O&M PAY - MAINT SUPERV & ENG	E104	17,264,834	1.000000	17,264,834	
L_INC392000 - DIST O&M PAY - MAINT OF STATION EQ	E104	3,260,173	1.000000	3,260,173	
L_INC393000 - DIST O&M PAY - MAINT OF OVERHEAD LINES	I365T	10,010,303	1.000000	10,010,303	
L_INC394000 - DIST O&M PAY - MAINT UNDERGROUND LINES	I367T	11,019,299	1.000000	11,019,299	
L_INC395000 - DIST O&M PAY - MAINT OF LINE TRANSFORMERS	E104	2,590	1.000000	2,590	
L_INC396000 - DIST O&M PAY - MAINT OF STREET LIGHTING & SIGNAL SYSTEMS	E508	3,753,624	1.000000	3,753,624	
L_INC397000 - DIST O&M PAY - MAINT OF METERS	E325	4,432,515	0.996132	4,415,370	
L_INC398000 - DIST O&M PAY - MAINT OF MISC DISTRI PLT	E104	28,203	1.000000	28,203	
L_INC401000 - CUST ACCT O&M PAY - SUPERVISION	I540	4,527,311	1.000000	4,527,309	
L_INC402000 - CUST ACCT O&M PAY - METER READING EXP	E330	19,339,342	0.999995	19,339,244	
L_INC403000 - CUST ACCT O&M PAY - CUST REC & COLLECT	E356	41,892,229	1.000000	41,892,229	
L_INC407000 - CUST SERV & INFO PAY - SUPERVISION	E356	(436,684)	1.000000	(436,684)	
L_INC408000 - CUST SERV & INFO PAY - CUST ASSIST EXP	E356	1,763,050	1.000000	1,763,050	
L_INC410000 - CUST SERV & INFO PAY - MISC CUST SERV & INF	E356	5,834,072	1.000000	5,834,072	
L_INC516000 - MISC AND SELLING EXPENSES	E356	682,560	1.000000	682,560	
Total I900-LABOR-EXC-A&G		661,643,442		639,987,870	**0.967270**

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 22
PARTY: GJY-1
DESCRIPTION: 2021 Asset Optimization Program Results Confidential DN. 02217-2022

TOTAL GAINS SCHEDULE
Actual for the Period of: January 2021 through December 2021

TABLE 1

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Month	Wholesale Sales Gains ($)	Wholesale Purchases Savings ($)	Asset Optimization Gains ($)	Total Monthly Gains ($) (2)+(3)+(4)	**Threshold 1** Gains ≤ $30M ($)	**Threshold 2** $30M > Gains ≤ $40M ($)	**Threshold 3** $40M > Gains ≤ $100M ($)	**Threshold 4** Gains > $100M ($)
January	1,854,570	0	1,947,460	3,802,030	3,802,030	0	0	0
February	4,388,528	86,709	3,538,289	8,013,527	8,013,527	0	0	0
March	1,431,569	152,223	1,672,584	3,256,376	3,256,376	0	0	0
April	1,982,810	377,674	1,307,323	3,667,807	3,667,807	0	0	0
May	2,258,530	627,347	1,532,932	4,418,810	4,418,810	0	0	0
June	2,655,774	182,963	1,343,725	4,182,462	4,182,462	0	0	0
July	4,719,775	82,351	1,408,097	6,210,223	2,658,989	3,551,234	0	0
August	3,061,222	276,921	1,277,984	4,616,127	0	4,616,127	0	0
September	3,255,865	393,017	1,295,767	4,944,649	0	1,832,639	3,112,010	0
October	3,122,682	434,498	1,360,304	4,917,484	0	0	4,917,484	0
November	5,297,617	0	1,619,148	6,916,765	0	0	6,916,765	0
December	6,091,624	14,160	2,040,463	8,146,247	0	0	8,146,247	0
Total	**40,120,566**	**2,627,863**	**20,344,077**	**63,092,506**	**30,000,000**	**10,000,000**	**23,092,506**	**0**

TABLE 2

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Month	**Threshold 1** Gains ≤ $30M 100% Customer Benefit ($)	**Threshold 2** $30M > Gains ≤ $40M 100% Customer Benefit ($)	**Threshold 3** $40M > Gains ≤ $100M 40% Customer Benefit ($)	**Threshold 3** $40M > Gains ≤ $100M 60% FPL Benefit ($)	**Threshold 4** Gains > $100M 50% Customer Benefit ($)	**Threshold 4** Gains > $100M 50% FPL Benefit ($)	**Total** Customer Benefits ($)	**Total** FPL Benefits ($)
January	3,802,030	0	0	0	0	0	3,802,030	0
February	8,013,527	0	0	0	0	0	8,013,527	0
March	3,256,376	0	0	0	0	0	3,256,376	0
April	3,667,807	0	0	0	0	0	3,667,807	0
May	4,418,810	0	0	0	0	0	4,418,810	0
June	4,182,462	0	0	0	0	0	4,182,462	0
July	2,658,989	3,551,234	0	0	0	0	6,210,223	0
August	0	4,616,127	0	0	0	0	4,616,127	0
September	0	1,832,639	1,244,804	1,867,206	0	0	3,077,443	1,867,206
October	0	0	1,966,994	2,950,490	0	0	1,966,994	2,950,490
November	0	0	2,766,706	4,150,059	0	0	2,766,706	4,150,059
December	0	0	3,258,499	4,887,748	0	0	3,258,499	4,887,748
Total	**30,000,000**	**10,000,000**	**9,237,003**	**13,855,504**	**0**	**0**	**49,237,003**	**13,855,504**

WHOLESALE POWER DETAIL
Actual for the Period of: January 2021 through December 2021

Wholesale Sales - Table 1

(1) Month	(2) Total Wholesale Sales (MWh)	(3) OS Gross Gains ($)	(4) Third-Party Transmission Costs ($)	(5) Variable Power Plant O&M Costs ($)	(6) Power Option Premiums ($)	(7) Total Net Wholesale Sales Gains ($)
	Schedule A6	Schedule A6	Schedule A6	Schedule A6	*CCRC	(3)+(4)+(5)+(6)
January	171,002	1,039,604	381,453	(111,151)	544,664	1,854,570
February	250,356	4,412,077	(383,741)	(162,731)	522,923	4,388,528
March	175,554	1,385,402	(5,042)	(114,110)	165,319	1,431,569
April	240,053	1,948,740	(8,736)	(156,034)	198,840	1,982,810
May	169,552	1,689,592	(19,663)	(110,209)	698,810	2,258,530
June	258,073	2,498,511	0	(167,747)	325,010	2,655,774
July	379,897	4,716,567	(21,784)	(246,933)	271,925	4,719,775
August	216,251	2,974,866	(23,331)	(140,563)	250,250	3,061,222
September	290,690	3,184,369	(306)	(188,949)	260,750	3,255,865
October	222,772	2,936,893	(371)	(144,802)	330,962	3,122,682
November	391,696	5,563,938	(11,719)	(254,602)	0	5,297,617
December	471,023	6,751,354	(353,564)	(306,165)	0	6,091,624
Total	**3,236,919**	**39,101,913**	**(446,803)**	**(2,103,997)**	**3,569,453**	**40,120,566**

Wholesale Purchases - Table 2

(1) Month	(2) Total Wholesale Purchases (MWh)	(3) OS Savings ($)	(4) Capacity Purchases (MWh)	(5) Net Capacity Purchases Savings ($)	(6) Total Wholesale Purchases Savings ($)
	Schedule A9	Schedule A9	Schedule A7/A12		(3) + (5)
January	0	0	0	0	0
February	5,095	86,709	0	0	86,709
March	6,097	152,223	0	0	152,223
April	12,796	377,674	0	0	377,674
May	199,769	627,347	0	0	627,347
June	121,569	182,963	0	0	182,963
July	2,735	82,351	0	0	82,351
August	16,665	276,921	0	0	276,921
September	12,668	393,017	0	0	393,017
October	15,648	434,498	0	0	434,498
November	0	0	0	0	0
December	1,500	14,160	0	0	14,160
Total	**394,542**	**2,627,863**	**0**	**0**	**2,627,863**

ASSET OPTIMIZATION DETAIL
Actual for the Period of: January 2021 through December 2021

(1) Month	(2) Natural Gas Delivered City-Gate Sales ($)	(3) Natural Gas Production Area Sales ($)	(4) Natural Gas Capacity Release Firm Transport ($)	(5) Natural Gas Option Premiums ($)	(6) Natural Gas Storage Optimization ($)	(7) Natural Gas AMA Gains ($)	(8) OBA Service Gains ($)	(9) Total Asset Optimization Gains ($)
January	[redacted]							1,947,460
February								3,538,289
March								1,672,584
April								1,307,323
May								1,532,932
June								1,343,725
July								1,408,097
August								1,277,984
September								1,295,767
October								1,360,304
November								1,619,148
December								2,040,463
Total	**1,719,251**	**539,441**	**3,614,328**	**7,783,771**	**2,392,644**	**4,246,643**	**48,000**	**20,344,077**

Docket No. 20220001-EI
Asset Optimization Detail
Exhibit GJY-1, Page 3 of 4

INCREMENTAL OPTIMIZATION COSTS
Actual for the Period of: January 2021 through December 2021

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Month	Personnel Expenses ($)	Other Expenses* ($)	Wholesale Sales (MWh)	Wholesale Purchases (MWh)	Wholesale Sales VOM ($)	Wholesale Purchases VOM ($)	Net VOM ($)	Total Incremental O&M Expenses ($)
	Schedule A2						Schedule A2	(2) + (3) + (8)
January	38,881	0	171,002	0	111,151	0	111,151	150,032
February	37,697	0	250,356	5,095	162,731	3,312	159,419	197,116
March	43,269	0	175,554	6,097	114,110	3,963	110,147	153,416
April	41,219	0	240,053	12,796	156,034	8,317	147,717	188,936
May	39,477	0	169,552	199,769	110,209	129,850	(19,641)	19,836
June	43,655	0	258,073	121,569	167,747	79,020	88,727	132,382
July	41,798	0	379,897	2,735	246,933	1,778	245,155	286,953
August	41,016	0	216,251	16,665	140,563	10,832	129,731	170,747
September	44,125	0	290,690	12,668	188,949	8,234	180,715	224,840
October	39,529	0	222,772	15,648	144,802	10,171	134,631	174,160
November	41,271	0	391,696	0	254,602	0	254,602	295,873
December	44,035	0	471,023	1,500	306,165	975	305,190	349,225
Total	**495,972**	**0**	**3,236,919**	**394,542**	**2,103,997**	**256,452**	**1,847,545**	**2,343,517**

*Includes software and hardware expenses

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 23
PARTY: GJY-2
DESCRIPTION: 2023 Risk Management Plan Confidential DN. 05046-2022

FUEL COST RECOVERY

FLORIDA POWER & LIGHT COMPANY

2023 RISK MANAGEMENT PLAN

DOCKET NO. 20220001-EI
FPL WITNESS: GERARD J. YUPP
EXHIBIT GJY-2
JULY 27, 2022

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Florida Power & Light Company
2023 Risk Management Plan

Overall Quantitative and Qualitative Risk Management Objectives (TFB-4, Item 1)

FPL's risk management objectives are to effectively execute a well-disciplined fuel procurement strategy to achieve the goal of securing adequate and reliable fuel supply to meet generation requirements, while minimizing overall fuel costs for FPL's customers.

Fuel Procurement Risks (TFB-4, Item 3)

FPL encounters several potential risks when executing its fuel procurement strategy. These risks are grouped into four categories as detailed below:

Market Risk

Market Risk is the risk of changes in economic fair value due to fluctuations in market prices, volatility, correlation, and interest rates. Market risk has a direct impact on any open or unhedged energy positions.

Limits ("Limits") are set by the President and Chief Executive Officer ("CEO") of NextEra Energy ("NEE") and delegated to the Exposure Management Committee ("EMC"). The EMC establishes a forum for discussion of NEE's energy risk profile and operations and develops guidelines required for an appropriate risk management control infrastructure, which includes implementation and monitoring of compliance with the NextEra Energy, Inc. Risk and Credit Exposure Management Policy ("Policy"), which is Attachment 1 to this Risk Management Plan. The EMC has in turn delegated limits to FPL Energy Marketing and Trading ("EMT") for specific portfolios.

Limits (collectively referred to as "Limits") are generally expressed in terms of:

- Maximum portfolio tenor; and
- Open (un-hedged) positions (where appropriate)

The FPL procurement program Limits will be managed in accordance with established corporate guidance. During the ordinary course of business, EMT management will have regard to these NEE Limits, such that pre-approval will be obtained before committing to transactions or contracts which might otherwise cause them to be breached. Adherence to Limits is monitored by the Risk Management Department.

Credit Risk

Credit risk management includes appropriate creditworthiness review and monitoring processes, the request for collateral if deemed necessary, and the inclusion of contractual risk mitigation terms and conditions whenever possible.

Such credit risk mitigations include collateral threshold amounts, cross default amounts, payment netting, and set-off agreements. Credit Limits are typically established for trading transactions and are designed to manage counterparty credit risk; and set appropriate levels at which to trigger communication concerning risk and strategy.

During the ordinary course of business, EMT management adheres to these credit limits, such that pre-approval is obtained before committing to transactions or contracts which might otherwise cause the credit limits to be breached. Adherence to limits is monitored by the Risk Management Department, as well as dealmakers.

Liquidity Risk

Transacting Liquidity: The availability of market participants willing to transact or having credit quality to transact will have an impact on the utility's ability to execute risk management strategies.

Short-Term Funding Liquidity: Changes in underlying market parameters may impact movements of cash in relation to business activities. Positions that are balanced for fair value purposes, but unbalanced for cash flow purposes, may give rise to large swings in cash balances. Risk Management assists the Finance Department by analyzing and monitoring the sufficiency of the allocated portions of the corporate facilities as they relate to EMT liquidity requirements.

Operational Risk

Operating risk is the physical risk associated with maintaining and operating generation assets. The potential risks that FPL encounters with its physical fuel procurement are fuel supply and transportation availability, product quality, delivery timing, weather, environmental, and supplier failure to deliver.

There is also operational risk specific to the wholesale trading activities, relating to inaccurate records of assets and transactions ("Administrative Operational Risk"). Certain personnel are authorized to transact on behalf of FPL and in so doing, can obligate the entity "instantaneously." FPL maintains sufficient controls to ensure that information relating to commitments, obligations and assets are captured accurately, completely and on a timely basis.

Fuel Procurement Oversight/Policies and Procedures (TFB-4, Items 4 through 9)

FPL provides its fuel procurement activities with independent oversight.

The President of FPL is responsible for authorizing all fuel procurement activities. Changes in strategies and any deviations from the program are approved by the President of FPL or his designee prior to execution. Program activity is included in the Monthly Operations Performance Review ("MOPR") chaired by the CEO of NEE. In addition, the EMC reviews performance and current procurement activities on a monthly basis.

The utility is supported by an independent middle office Risk Management department that provides oversight of fuel procurement activities. FPL has formal Policy and Procedures documents, signed by all employees, which include controls specifically related to fuel procurement. The Risk Management department ensures that the approved execution strategies are followed for each program. Daily and monthly reports are generated and reviewed by the Risk Management department and distributed to various groups, including executive management. Credit reviews are performed by the Risk Management department and included in the reporting mentioned above. Execution strategies must be approved prior to the execution of any transactions and documented as a Planned Position Strategy ("PPS"). All transactions are to be addressed within these strategy documents and may be modified from time to time.

Policy and Procedures

Attachment 2 to this Risk Management Plan is FPL's latest Risk and Credit Exposure Management Procedures Manual ("Procedures"). NEE updates the Policy and Procedures as necessary. For details that are not covered in this document, please refer to the Policy and Procedures. NEE and FPL consider their Policy and Procedures to be confidential.

The NEE corporate risk Policy delineates individual and group transaction limits and authorizations for all fuel procurement activities. The Policy sets out the NEE approach to energy risk and the management of risk, as follows:

- Identification and definition;
- Quantification and measurements;
- Reporting;
- Authority to transact; and
- Ownership and roles and responsibilities.

The Procedures Manual provides guidance that will promote efficient and accurate processing of transactions, effective preparation and distribution of information relating to trading and marketing activities, and efficient monitoring of the portfolio of risks, all within a well-controlled environment.

FPL's deal execution and capture functions coordinate activities across relevant departments, personnel, and systems. This framework of activity properly links the responsibilities of personnel and provides a sufficient medium to resolve issues.

The Procedures clearly list authorized trading personnel, trading limits, tenors, and acceptable instruments. Access to the data entry privileges in the deal capture system is limited to only those individuals who are formally granted permissions to enter trades. All transactions are entered and managed through a centralized deal capture system that supports routine reporting, settlements, and review. Transaction record editing is managed through acceptable authorizations and processes. Credit information is available to traders on a timely basis through daily

reporting produced by the Risk Management department. Auditable records of all transactions are maintained and subject to review on a regular basis.

Deal Execution Details

FPL traders receive daily credit reports and credit watch lists from the Risk Management department to ensure that FPL does not enter into a trade with an unauthorized counterparty. FPL traders then select counterparties from this list to transact with as the procurement program is executed.

FPL traders generally execute trades with counterparties offering the best price for a given instrument. However, in a case where two or more counterparties are offering similar pricing, the traders will attempt to execute trades with the counterparty that has the least amount of credit exposure with FPL. This is done primarily to allow FPL to spread its risk among as many counterparties as possible, but also affords the advantage of preventing the inadvertent telegraphing of FPL's commercial intentions to the market, thus helping to ensure favorable pricing for FPL's

Reporting System for Fuel Procurement Activities (TFB-4, Items 13 and 14)

FPL reporting systems comprehensively identify, measure, and monitor all forms of risk associated with fuel procurement activities.

FPL's philosophy on reporting is that it should be timely, consistent, flexible, and transparent. Timely and consistent reporting of risk information is critical to the effective management of risk. The utility has sufficient systems capability for identifying, measuring, and monitoring all types of risk associated with fuel procurement activities. These systems include: deal capture, current and historical pricing database, deal information, valuation models, and a reporting system that utilizes the information in the trade capture system and the database.

Specifically, several reports are available at FPL to monitor risk:

Daily Management Report

For each business day there is a formal report produced in hard copy or electronically, for distribution to business and desk heads and members of the EMC. This report details the current Mark to Market (spot and forward), unrealized Mark to Market changes, and VaR. This report is published only after proper and thorough discussion between Risk Management and desk heads, if necessary for clarification, and resolution of any issues raised.

Credit Exposure Reporting

For each business day there is a formal report produced in hard copy or electronically, for distribution to business and desk heads and members of the EMC. This report details:

- Allowable deal types by counterparty
- Restrictions on counterparties

EMC Update

The Vice President of Risk and Credit Exposure Management provides a formal update to the EMC on a monthly basis. The agenda for the update will be agreed in advance with the EMC Chairman, but at a minimum contains the following items:

- Summary and explanation of significant changes in market risk and fair value;
- Summary and explanation of significant changes in credit risk;
- Exceptions to Risk Management Policy; and
- Minutes of previous EMC update for approval.

NextEra Energy, Inc.
Risk and Credit Exposure Management Policy

APPROVED BY THE EMC ON:

Last approved on January 25, 2022

Last Updated December 2021

(See EMC Emails noting approval. Please contact Risk Management at 561-304-6028)

REDACTED VERSION OF CONFIDENTIAL DOCUMENTS
[Pages 2 through 26]

NextEra Energy, Inc., Risk and Credit Exposure Management Policy

Energy Marketing & Trading

A division of

Florida Power & Light Company

Risk and Credit Exposure Management

Procedures Manual

Last Revision: April 2022

REDACTED VERSION OF CONFIDENTIAL DOCUMENTS
[Pages 2 through 60]

FPL Risk and Credit Exposure Management Procedures Manual

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 24
PARTY: GJY-3
DESCRIPTION: 2023 Projected Dispatch Costs and Availability

Florida Power & Light Company
Projected Dispatch Costs and Projected Availability of Natural Gas
January 2023 Through December 2023

Light Oil	January	February	March	April	May	June	July	August	September	October	November	December
Ultra-Low Sulfur Distillate ($/Bbl)	154.40	151.85	148.87	145.89	143.79	142.15	140.87	139.61	138.09	136.69	135.54	134.65
Ultra-Low Sulfur Distillate ($/MMBtu)	26.48	26.05	25.54	25.02	24.66	24.38	24.16	23.95	23.69	23.45	23.25	23.10
Coal	**January**	**February**	**March**	**April**	**May**	**June**	**July**	**August**	**September**	**October**	**November**	**December**
Scherer ($/MMBtu)	3.52	3.52	3.52	3.49	3.49	3.49	3.51	3.51	3.51	3.52	3.52	3.52
Daniel ($/MMBtu)	3.75	3.75	3.75	3.70	3.70	3.70	3.72	3.72	3.72	3.73	3.73	3.73
Natural Gas Dispatch Price	**January**	**February**	**March**	**April**	**May**	**June**	**July**	**August**	**September**	**October**	**November**	**December**
Firm FGT ($/MMBtu)	8.85	8.42	7.36	5.53	5.41	5.44	5.50	5.53	5.48	5.54	5.54	5.80
Firm Gulfstream ($/MMBtu)	8.53	8.14	6.93	5.04	4.92	4.99	5.03	5.09	4.99	4.99	5.47	5.76
Firm Sabal Trail/FSC ($/MMBtu)	8.81	8.50	6.99	5.47	5.35	5.39	5.46	5.47	5.44	5.49	5.82	6.08
Firm Gulf South ($/MMBtu)	7.73	7.38	6.17	4.73	4.60	4.68	4.71	4.79	4.66	4.64	4.79	5.14
Natural Gas Transportation	**January**	**February**	**March**	**April**	**May**	**June**	**July**	**August**	**September**	**October**	**November**	**December**
Delivery Transportation												
Firm FGT (MMBtu/Day)	1,237,000	1,237,000	1,237,000	1,326,000	1,361,000	1,361,000	1,361,000	1,361,000	1,361,000	1,326,000	1,237,000	1,237,000
Firm FGT Western Division (MMBtu/Day)	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Firm Gulfstream (MMBtu/Day)	695,000	695,000	695,000	695,000	695,000	695,000	695,000	695,000	695,000	695,000	695,000	695,000
Firm Sabal Trail/FSC (MMBtu/Day)	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000
Firm Gulf South (MMBtu/Day)	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
Total Firm Delivery Availability (MMBtu/Day)	**2,662,000**	**2,662,000**	**2,662,000**	**2,751,000**	**2,786,000**	**2,786,000**	**2,786,000**	**2,786,000**	**2,786,000**	**2,751,000**	**2,662,000**	**2,662,000**
Upstream Transportation												
Firm SESH (MMBtu/Day)	280,000	280,000	280,000	280,000	280,000	280,000	280,000	280,000	280,000	280,000	180,000	180,000
Firm Transco (MMBtu/Day)	121,500	121,500	121,500	121,500	121,500	121,500	121,500	121,500	121,500	121,500	121,500	121,500
Firm MEP/Destin (MMBtu/Day)	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	-	-
Firm Gulf South (MMBtu/Day)	200,000	200,000	200,000	345,000	345,000	345,000	345,000	345,000	345,000	345,000	200,000	200,000
Total Upstream Availability (MMBtu/Day)	**676,500**	**676,500**	**676,500**	**821,500**	**821,500**	**821,500**	**821,500**	**821,500**	**821,500**	**821,500**	**501,500**	**501,500**

FLORIDA POWER & LIGHT
PROJECTED UNIT AVAILABILITIES & OUTAGE SCHEDULES
PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

Plant/Unit	Forced Outage Factor (%)	Maintenance Outage Factor (%)	Planned Outage Factor (%)	Overhaul Date	Overhaul Date	Overhaul Date	Overhaul Date	Overhaul Date
Cape Canaveral 3	1.1	5.5	1.4	10/01/23 - 10/15/23				
Dania Beach 7	0.9	5.5	10.0	04/19/23 - 05/18/23	04/19/23 - 05/18/23	04/19/23 - 05/31/23		
Daniel 1	0.9	5.5	0.0	NONE				
Daniel 2	0.9	5.5	0.0	NONE				
Fort Myers 2	0.7	5.5	5.3	11/15/23 - 12/14/23	09/18/23 - 10/13/23	09/15/23 - 10/10/23	05/06/23 - 05/12/23	03/24/23 - 04/18/23
Fort Myers 3A	0.8	5.5	0.0	NONE				
Fort Myers 3B	0.8	5.5	0.0	NONE				
Fort Myers 3C	0.8	5.5	0.0	NONE				
Fort Myers 3D	0.8	5.0	0.0	NONE				
Ft. Myers GTs	0.8	5.5	0.0	NONE				
GCEC 4	0.7	5.5	8.2	04/18/23 - 05/17/23				
GCEC 5	0.7	5.5	8.2	04/18/23 - 05/17/23				
GCEC 6	0.8	5.1	20.5	03/04/23 - 05/17/23				
GCEC 7	0.9	5.5	0.0	NONE				
GCEC 8A	0.7	5.5	0.0	NONE				
GCEC 8B	0.7	5.5	0.0	NONE				
GCEC 8C	0.7	5.5	0.0	NONE				
GCEC 8D	0.7	5.5	0.0	NONE				
Lauderdale 6A	0.8	5.5	0.0	NONE				
Lauderdale 6B	0.8	5.5	5.8	01/09/23 - 01/29/23				
Lauderdale 6C	0.8	5.5	0.0	NONE				
Lauderdale 6D	0.8	5.5	0.0	NONE				
Lauderdale 6E	0.8	5.5	0.0	NONE				
Lauderdale GTs	0.8	5.5	0.0	NONE				
Manatee 3	0.6	5.5	8.8	11/13/23 - 12/14/23	11/13/23 - 12/14/23	11/13/23 - 12/14/23	11/13/23 - 12/14/23	11/13/23 - 12/14/23
Martin 3	0.6	5.5	0.0	NONE				
Martin 4	0.6	5.5	1.9	03/01/23 - 03/07/23				
Martin 8	1.0	5.5	11.6	10/15/23 - 11/12/23	10/15/23 - 11/12/23	04/05/23 - 05/01/23	04/02/23 - 04/28/23	10/15/23 - 11/12/23
Okeechobee 1	1.5	5.5	3.4	02/15/23 - 03/23/23				
Port Everglades 5	1.5	5.5	12.1	03/08/23 - 04/08/23	03/08/23 - 04/14/23	03/08/23 - 04/08/23	11/15/23 - 12/14/23	
Riviera 5	1.1	5.5	3.7	10/30/23 - 12/08/23				
Sanford 4	0.4	5.5	4.2	03/23/23 - 04/02/23	03/10/23 - 04/07/23	10/20/23 - 10/29/23		
Sanford 5	0.4	5.5	3.8	09/15/23 - 10/10/23	03/13/23 - 04/10/23			
Scherer 3	0.8	5.5	0.0	NONE				
Smith 3	0.6	5.5	8.9	03/01/23 - 03/19/23	11/01/23 - 11/09/23	11/15/23 - 11/23/23		
St. Lucie 1	1.3	1.3	0.0	NONE				
St. Lucie 2	1.3	1.3	8.8	02/18/23 - 03/22/23				
Turkey Point 3	1.3	1.3	9.3	04/08/23 - 05/12/23				
Turkey Point 4	1.1	1.1	10.4	09/30/23 - 11/07/23				
Turkey Point 5	0.6	5.5	7.3	05/16/23 - 06/10/23	05/13/23 - 06/07/23	02/11/23 - 03/10/23	02/08/23 - 03/05/23	
West County 1	0.8	5.5	8.1	03/01/23 - 04/22/23	01/16/23 - 01/20/23	01/16/23 - 01/27/23		
West County 2	0.8	5.5	6.0	12/04/23 - 12/10/23	11/27/23 - 12/03/23	04/28/23 - 06/18/23		
West County 3	0.7	5.0	19.7	02/15/23 - 04/27/23	02/15/23 - 04/27/23	02/15/23 - 04/27/23	02/15/23 - 04/27/23	

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 25
PARTY: CRR-1
DESCRIPTION: Generating Performance Incentive Factor Performance Results for January 2021 through December 2021 –...

GENERATING PERFORMANCE INCENTIVE FACTOR

JANUARY THROUGH DECEMBER, 2021

CRR-1
DOCKET NO. 20220001-EI
FPL Witness: Charles R. Rote
Exhibit No.: _____
Pages 1 - 21
March 16, 2022

FLORIDA POWER & LIGHT COMPANY

JANUARY THROUGH DECEMBER, 2021

INDEX OF MANUAL PAGES	TITLES
6.203.001	Index of Manual Pages
6.203.002	GPIF Reward/(Penalty) Table (Actual)
6.203.003	GPIF Calculation of Maximum Allowed Incentive Dollars (Actual)
6.203.004	Derivation of System Actual GPIF Points
6.203.005	Actual Equivalent Availability and Adjustments Summary
6.203.006	EAF Adjustment Documentation
6.203.007	Adjustments to Average Net Operating Heat Rates and Adjustments Summary
6.203.008 - 6.203.020	GPIF Units Points Tables
6.203.021	Planned Outages Schedule (Actual)

GENERATING PERFORMANCE INCENTIVE FACTOR

REWARD/PENALTY TABLE (ACTUAL)

FLORIDA POWER & LIGHT COMPANY
JANUARY THROUGH DECEMBER, 2021

GENERATNG PERFORMANCE INCENTIVE POINTS (GPIF)		FUEL SAVINGS/(LOSS) ($000)			GENERATING PERFORMANCE INCENTIVE FACTOR ($000)		
+ 10		41,028			20,514		
+ 9		36,925			18,463		
+ 8		32,822			16,411		
+ 7		28,720			14,360		
+ 6		24,617			12,308		
+ 5		20,514			10,257		
+ 4	<--------- 3.9738	16,411	<---------	16,307.675	8,206	<--------	8,151.853
+ 3		12,308			6,154		
+ 2		8,206			4,103		
+ 1		4,103			2,051		
0		0			0		
- 1		(4,103)			(2,051)		
- 2		(8,206)			(4,103)		
- 3		(12,308)			(6,154)		
- 4		(16,411)			(8,206)		
- 5		(20,514)			(10,257)		
- 6		(24,617)			(12,308)		
- 7		(28,720)			(14,360)		
- 8		(32,822)			(16,411)		
- 9		(36,925)			(18,463)		
- 10		(41,028)			(20,514)		

GENERATING PERFORMANCE INCENTIVE FACTOR

CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS

ACTUAL

FLORIDA POWER & LIGHT COMPANY
JANUARY THROUGH DECEMBER, 2021

LINE 1	BEGINNING OF PERIOD BALANCE OF COMMON EQUITY END OF MONTH BALANCE OF COMMON EQUITY		$ 23,746,365,744	
LINE 2	MONTH OF January	2021	$ 24,020,172,757	
LINE 3	MONTH OF February	2021	$ 25,230,610,347	
LINE 4	MONTH OF March	2021	$ 25,466,846,897	
LINE 5	MONTH OF April	2021	$ 25,702,508,320	
LINE 6	MONTH OF May	2021	$ 25,979,014,892	
LINE 7	MONTH OF June	2021	$ 25,945,833,804	
LINE 8	MONTH OF July	2021	$ 26,251,719,928	
LINE 9	MONTH OF August	2021	$ 27,229,238,341	
LINE 10	MONTH OF September	2021	$ 27,446,668,660	
LINE 11	MONTH OF October	2021	$ 27,666,054,531	
LINE 12	MONTH OF November	2021	$ 27,906,338,011	
LINE 13	MONTH OF December	2021	$ 28,006,429,557	
LINE 14	AVERAGE COMMON EQUITY FOR THE PERIOD (SUMMATION OF LINE1 THROUGH LINE 13 DIVIDED BY 13)		$ 26,199,830,907	
LINE 15	25 BASIS POINTS		0.0025	
LINE 16	REVENUE EXPANSION FACTOR		74.6550%	
LINE 17	MAXIMUM ALLOWED INCENTIVE DOLLARS (LINE 14 TIMES LINE 15 DIVIDED BY LINE 16)		$ 87,736,357	
LINE 18	JURISDICTIONAL SALES		112,176,529,000	KWH
LINE 19	TOTAL SALES		118,956,685,000	KWH
LINE 20	JURISDICTIONAL SEPARATION FACTOR (LINE 18 DIVIDED BY LINE 19)		94.30%	
LINE 21	MAXIMUM ALLOWED JURISDICTIONAL INCENTIVE DOLLARS (LINE 17 TIMES LINE 20)		$ 82,735,385	
LINE 22	INCENTIVE CAP (50 PERCENT OF PROJECTED FUEL SAVINGS AT 10 GPIF·POINT LEVEL FROM SHEET NO. 3.515)		$ 20,514,000	
LINE 23	MAXIMUM ALLOWED GPIF REWARD (AT 10 GPIF-POINT LEVEL) (THE LESSER OF LINE 21 AND LINE 22)		$ 20,514,000	

Note: Line 22 and 23 are as approved by Commission order PSC-13-0665-FOF-EI dated 12/18/13 effective 1/1/14.

JANUARY THROUGH DECEMBER, 2021

DERIVATION OF SYSTEM ACTUAL GPIF POINTS

PLANT/UNIT	PERFORMANCE INDICATOR	WEIGHTING FACTOR %	UNIT POINTS	WEIGHTED UNIT POINTS
Cape Canaveral 3	EAF	1.05	-10.00	-.1050
Cape Canaveral 3	ANOHR	3.85	0.00	.0000
Sanford 5	EAF	0.51	8.40	.0428
Sanford 5	ANOHR	5.26	7.94	.4176
Ft. Myers 2	EAF	0.70	-0.80	-.0056
Ft. Myers 2	ANOHR	7.98	0.00	.0000
Port Everglades 5	EAF	2.31	10.00	.2310
Port Everglades 5	ANOHR	6.23	0.00	.0000
Riviera 5	EAF	1.25	10.00	.1250
Riviera 5	ANOHR	4.43	0.00	.0000
St. Lucie 1	EAF	9.28	10.00	.9280
St. Lucie 1	ANOHR	0.88	0.00	.0000
St. Lucie 2	EAF	6.86	10.00	.6860
St. Lucie 2	ANOHR	0.65	0.00	.0000
Turkey Point 3	EAF	6.75	-4.00	-.2700
Turkey Point 3	ANOHR	2.02	10.00	.2020
Turkey Point 4	EAF	6.86	10.00	.6860
Turkey Point 4	ANOHR	1.57	10.00	.1570
Turkey Point 5	EAF	0.48	-5.67	-.0272
Turkey Point 5	ANOHR	2.89	3.26	.0942
West County 1	EAF	1.42	-8.00	-.1136
West County 1	ANOHR	7.37	9.77	.7200
West County 2	EAF	1.57	10.00	.1570
West County 2	ANOHR	8.71	0.00	.0000
West County 3	EAF	1.52	3.20	.0486
West County 3	ANOHR	7.60	0.00	.0000
GPIF System Total:		100.00		3.9738

ACTUAL EQUIVALENT AVAILABILITY AND ADJUSTMENTS

JANUARY THROUGH DECEMBER, 2021

1	2	3	4	5	6	7	8	9			
	ACTUAL										
UNIT	FOF	MOF	POF	EAF	PLANNED OUTAGE ADJ TO EAF (1)	ADJUSTED ACTUAL EAF	TARGET EAF	POINTS FROM TABLES	ORIGINAL PLANNED OUTAGE DATES	ACTUAL OUTAGE DATES	ACTUAL FUEL SAVINGS/ (LOSS) ($000)
Cape Canaveral 3	3.3	8.8	2.9	85.1	0.1	85.2	90.1	-10.00	02/16/21 - 02/25/21; 11/15/21 - 11/24/21 11/29/21 - 12/08/21	1/13/21-1/31/21	(430.0)
Sanford 5	0.5	3.3	3.3	92.9	-0.4	92.5	90.4	8.40	03/20/21 - 04/02/21	3/14/21-3/25/21	175.6
Ft. Myers 2	0.6	4.9	7.7	86.8	4.2	91.0	91.2	-0.80	02/27/21 - 03/05/21; 10/23/21 - 10/29/21 10/31/21 - 11/13/21; 11/07/21 - 11/13/21 11/15/21 - 11/21/21	2/25-3/12/21 & 10/17-10/28/21; 10/29-11/18/21 2/25-3/12/21 & 10/29-11/18/21; 2/25-3/12/21 10/29-11/18/21; 2/25-3/12/21 & 10/29-11/18/21 2/25-3/12/21 & 10/29-11/18/21	(23.0)
Port Everglades 5	0.8	4.1	6.7	88.4	1.1	89.5	84.0	10.00	03/22/21 - 04/10/21	3/21-4/13/21 3/19-4/15/21; 3/20-4/13/21	949.0
Riviera 5	1.2	2.8	13.2	82.9	5.2	88.1	84.6	10.00	04/03/21 - 04/30/21	3/26-5/3/21 2/22-3/24/21; 3/26-5/4/21 3/26-5/2/21	512.0
St. Lucie 1	1.8	0.0	9.6	88.6	0.3	88.9	80.6	10.00	04/10/21 - 05/14/21	4/8-4/10/21; 4/10-5/14/21; 5/17-5/19/21	3,807.0
St. Lucie 2	1.1	0.0	9.4	89.5	-0.2	89.3	84.0	10.00	08/28/21 - 10/02/21	8/26-8/28/21; 8/28-9/30/21 9/30-10/1/21 & 10/4/21	2,815.0
Turkey Point 3	7.5	0.0	8.5	84.0	0.5	84.5	85.7	-4.00	10/09/21 - 11/07/21	10/7-10/9/21; 10/9-11/7/21; 11/20-11/24/21	(1,107.6)
Turkey Point 4	0.5	0.0	0.0	99.5	0.0	99.5	93.6	10.00	NONE	NONE	2,816.0
Turkey Point 5	0.8	8.5	8.9	81.9	-3.0	78.9	80.6	-5.67	03/01/21 - 03/21/21; 11/09/21 - 11/21/21 11/12/21 - 11/24/21; 11/29/21 - 12/08/21 12/02/21 - 12/14/21	3/1-3/22/21 & 11/11-12/10/21 3/1-3/20/21; 3/1-3/20/21 & 11/28-12/17/21 3/1-3/20/21	(110.0)
West County 1	0.7	7.3	5.9	86.1	2.9	89.0	91.0	-8.00	10/01/21 - 10/10/21	1/1-1/3/21 & 10/15-10/29/21 1/1-1/8/21 & 10/3-11/2/21 10/16-10/28/21	(464.8)
West County 2	0.3	3.4	5.3	91.0	2.5	93.5	89.7	10.00	03/08/21 - 03/17/21	3/21-4/7/21; 3/3-3/22/21 3/21-4/9/21; 3/21-4/3/21	643.0
West County 3	0.7	6.0	11.5	81.8	2.2	84.0	83.2	3.20	02/15/21 - 04/05/21; 10/26/21 - 12/14/21	4/3-5/24/21; 11/29-12/23/21 10/26-12/20/21; 12/3-12/13/21	199.0
											9,781.162

(1) EQUIVALENT AVAILABILITY ADJUSTMENT DUE TO PLANNED OUTAGE ACTUAL DURATION VERSUS TARGET DURATION
SEE 6.203.006 FOR FORMULAS AND CALCULATION DATA

EQUIVALENT AVAILABILITY ADJUSTMENTS
JANUARY THROUGH DECEMBER, 2021

	ACTUAL				TARGETS		ADJUSTED ACTUAL
PLANT / UNIT	PH	EFOH	EMOH	EPOH	POF%	EPOH	EAF%
Cape Canaveral 3	8760	287.8	767.7	250.7	2.7	240.0	85.2
Sanford 5	8760	41.5	288.1	288.7	3.8	336.0	92.5
Ft. Myers 2	8760	54.1	427.1	675.2	3.2	276.7	91.0
Port Everglades 5	8760	70.4	359.6	587.5	5.5	480.0	89.5
Riviera 5	8760	102.7	241.8	1152.0	7.7	672.0	88.1
St. Lucie 1	8760	153.8	0.0	840.8	9.3	816.0	88.9
St. Lucie 2	8760	95.3	0.0	827.0	9.6	840.0	89.3
Turkey Point 3	8760	658.2	0.0	743.9	7.9	696.0	84.5
Turkey Point 4	8760	47.8	0.0	0.0	0.0	0.0	99.5
Turkey Point 5	8760	71.2	742.1	775.6	10.9	0.0	78.9
West County 1	8760	63.0	638.0	513.5	2.7	240.0	89.0
West County 2	8760	22.2	302.2	465.4	2.7	240.0	93.5
West County 3	8760	60.8	525.5	1010.5	9.1	800.0	84.0

$$\text{ADJ. ACTUAL EAF\%} = 100\% - POF_T - \frac{(EFOH_A + EMOH_A) \times \frac{PH - EPOH_T}{PH - EPOH_A}}{PH} \times 100\%$$

ADJUSTMENTS TO AVERAGE NET OPERATING HEAT RATES & ADJUSTMENTS SUMMARY

JANUARY THROUGH DECEMBER, 2021

1	2					3	4	5	6	7	8	9	
						ACTUAL		TARGET [2]	ADJUST.[3]		ADJUST.[5]	GPIF[6]	ACTUAL
UNIT		HEAT RATE [1] FORMULA				NOF %	ANOHR BTU/KWH	ANOHR AT ACTUAL NOF BTU/KWH	TO ANOHR BTU/KWH	TARGET [4] ANOHR BTU/KWH	ACTUAL ANOHR BTU/KWH	POINTS FROM TABLE	FUEL SAV./(LOSS) $000
Cape Canaveral 3	ANOHR=	-3.14 x	NOF +	6,830		53.3	6,720	6,663	57	6,640	6,697	0.00	0.0
Sanford 5	ANOHR=	-7.37 x	NOF +	7,731		56.1	7,162	7,318	-156	7,372	7,216	7.94	1713.5
Ft. Myers 2	ANOHR=	-2.94 x	NOF +	7,344		65.5	7,131	7,151	-20	7,189	7,169	0.00	0.0
Port Everglades 5	ANOHR=	-6.56 x	NOF +	7,158		69.3	6,687	6,703	-16	6,566	6,550	0.00	0.0
Riviera 5	ANOHR=	-7.61 x	NOF +	7,072		55.3	6,647	6,651	-4	6,545	6,541	0.00	0.0
St. Lucie 1	ANOHR=	-35.09 x	NOF +	13,878		100.7	10,335	10,344	-9	10,422	10,413	0.00	0.0
St. Lucie 2	ANOHR=	-32.80 x	NOF +	13,528		101.6	10,206	10,196	10	10,297	10,307	0.00	0.0
Turkey Point 3	ANOHR=	-149.29 x	NOF +	25,954		99.6	10,511	11,085	-574	11,234	10,660	10.00	828.0
Turkey Point 4	ANOHR=	-33.51 x	NOF +	14,199		102.7	10,346	10,758	-412	10,888	10,476	10.00	643.0
Turkey Point 5	ANOHR=	-12.88 x	NOF +	7,972		57.4	7,144	7,233	-89	7,350	7,261	3.26	386.6
West County 1	ANOHR=	-6.57 x	NOF +	7,578		68.1	6,971	7,131	-160	7,098	6,938	9.77	2955.4
West County 2	ANOHR=	-7.77 x	NOF +	7,497		69.2	6,928	6,959	-31	6,882	6,851	0.00	0.0
West County 3	ANOHR=	-6.90 x	NOF +	7,430		64.5	6,995	6,985	10	6,919	6,929	0.00	0.0

6,526.513

1) THESE FORMULAS ARE AS APPROVED BY THE COMMISSION IN THE PROJECTION FILING AND ARE BASED ON MONTHLY ACTUAL DATA
2) CALCULATED FROM ANOHR FORMULA IN COLUMN 2 USING ACTUAL NOF IN COLUMN 3
3) ADJUSTMENT TO ANOHR=ACTUAL ANOHR - TARGET ANOHR AT ACTUAL NOF (COLUMN 6 = COLUMN 4 - COLUMN 5).
4) AT TARGET NOF AS APPROVED BY THE COMMISSION IN PROJECTED DATA.
5) AT TARGET NOF, ADJUSTED ACTUAL ANOHR = TARGET ANOHR + ADJUSTMENTS (COLUMN 8 = COLUMN 7 + COLUMN 6).
6) OBTAINED FROM THE GPIF POINT TABLES USING THE COMMISSION APPROVED TARGETS.

GENERATING PERFORMANCE INCENTIVE POINTS TABLES
FLORIDA POWER & LIGHT COMPANY
PERIOD OF JANUARY THROUGH DECEMBER, 2021

UNIT: Cape Canaveral 3

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) ($000)		ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) ($000)		ADJUSTED ACTUAL AVG. HEAT RATES	
+10	430.0		92.6	+10	1,581.0		6,556	
+9	387.0		92.4	+9	1,422.9		6,557	
+8	344.0		92.1	+8	1,264.8		6,558	
+7	301.0		91.9	+7	1,106.7		6,559	
+6	258.0		91.6	+6	948.6		6,560	
+5	215.0		91.4	+5	790.5		6,561	
+4	172.0		91.1	+4	632.4		6,561	
+3	129.0		90.9	+3	474.3		6,562	
+2	86.0		90.6	+2	316.2		6,563	
+1	43.0		90.4	+1	158.1		6,564	
					0		6,565	
0	0		90.1	0	0	<- Fuel Sav/(Loss)	6,640	<- Adj. Act. HR=6.697
					0		6,715	
-1	(43.0)		89.9	-1	(158.1)		6,716	
-2	(86.0)		89.6	-2	(316.2)		6,717	
-3	(129.0)		89.4	-3	(474.3)		6,718	
-4	(172.0)		89.1	-4	(632.4)		6,719	
-5	(215.0)		88.9	-5	(790.5)		6,720	
-6	(258.0)		88.6	-6	(948.6)		6,720	
-7	(301.0)		88.4	-7	(1,106.7)		6,721	
-8	(344.0)		88.1	-8	(1,264.8)		6,722	
-9	(387.0)		87.9	-9	(1,422.9)		6,723	
-10	(430.0)	<- Fuel Sav/(Loss) (430.0)	87.6	-10	(1,581.0)		6,724	<- Adj. Act. EAF= 85.2
	WEIGHTING FACTOR =	1.05			WEIGHTING FACTOR =	3.85		

GENERATING PERFORMANCE INCENTIVE POINTS TABLES
FLORIDA POWER & LIGHT COMPANY
PERIOD OF JANUARY THROUGH DECEMBER, 2021

UNIT: Sanford 5

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) ($000)		ADJUSTED ACTUAL EQUIVALENT AVAILABILITY		AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) ($000)		ADJUSTED ACTUAL AVG. HEAT RATES	
+10	209.0		92.9		+10	2,158.0		7,195	
+9	188.1		92.7		+9	1,942.2		7,205	
+8	167.2	<- Fuel Sav/(Loss) 175.6	92.4	<- Adj. Act. EAF= 92.5	+8	1,726.4	<- Fuel Sav/(Loss) 1,713.5	7,215	<- Adj. Act. HR=7,216
+7	146.3		92.2		+7	1,510.6		7,226	
+6	125.4		91.9		+6	1,294.8		7,236	
+5	104.5		91.7		+5	1,079.0		7,246	
+4	83.6		91.4		+4	863.2		7,256	
+3	62.7		91.2		+3	647.4		7,266	
+2	41.8		90.9		+2	431.6		7,277	
+1	20.9		90.7		+1	215.8		7,287	
						0		7,297	
0	0		90.4		0	0		7,372	
						0		7,447	
-1	(20.9)		90.2		-1	(215.8)		7,457	
-2	(41.8)		89.9		-2	(431.6)		7,467	
-3	(62.7)		89.7		-3	(647.4)		7,478	
-4	(83.6)		89.4		-4	(863.2)		7,488	
-5	(104.5)		89.2		-5	(1,079.0)		7,498	
-6	(125.4)		88.9		-6	(1,294.8)		7,508	
-7	(146.3)		88.7		-7	(1,510.6)		7,518	
-8	(167.2)		88.4		-8	(1,726.4)		7,529	
-9	(188.1)		88.2		-9	(1,942.2)		7,539	
-10	(209.0)		87.9		-10	(2,158.0)		7,549	
	WEIGHTING FACTOR =	0.51				WEIGHTING FACTOR =	5.26		

GENERATING PERFORMANCE INCENTIVE POINTS TABLES
FLORIDA POWER & LIGHT COMPANY
PERIOD OF JANUARY THROUGH DECEMBER, 2021

UNIT: Ft. Myers 2

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) ($000)		ADJUSTED ACTUAL EQUIVALENT AVAILABILITY		AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) ($000)		ADJUSTED ACTUAL AVG. HEAT RATES	
+10	288.0		93.7		+10	3,276.0		7,035	
+9	259.2		93.5		+9	2,948.4		7,043	
+8	230.4		93.2		+8	2,620.8		7,051	
+7	201.6		93.0		+7	2,293.2		7,059	
+6	172.8		92.7		+6	1,965.6		7,067	
+5	144.0		92.5		+5	1,638.0		7,075	
+4	115.2		92.2		+4	1,310.4		7,082	
+3	86.4		92.0		+3	982.8		7,090	
+2	57.6		91.7		+2	655.2		7,098	
+1	28.8		91.5		+1	327.6		7,106	
						0	<- Fuel Sav/(Loss)	7,114	<- Adj. Act. HR=7,169
0	0		91.2		0	0		7,189	
						0		7,264	
-1	(28.8)	<- Fuel Sav/(Loss) (23.0)	91.0	<- Adj. Act. EAF= 91.0	-1	(327.6)		7,272	
-2	(57.6)		90.7		-2	(655.2)		7,280	
-3	(86.4)		90.5		-3	(982.8)		7,288	
-4	(115.2)		90.2		-4	(1,310.4)		7,296	
-5	(144.0)		90.0		-5	(1,638.0)		7,304	
-6	(172.8)		89.7		-6	(1,965.6)		7,311	
-7	(201.6)		89.5		-7	(2,293.2)		7,319	
-8	(230.4)		89.2		-8	(2,620.8)		7,327	
-9	(259.2)		89.0		-9	(2,948.4)		7,335	
-10	(288.0)		88.7		-10	(3,276.0)		7,343	
	WEIGHTING FACTOR =		0.70			WEIGHTING FACTOR =		7.98	

GENERATING PERFORMANCE INCENTIVE POINTS TABLES
FLORIDA POWER & LIGHT COMPANY
PERIOD OF JANUARY THROUGH DECEMBER, 2021

UNIT: Port Everglades 5

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) ($000)		ADJUSTED ACTUAL EQUIVALENT AVAILABILITY		AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) ($000)		ADJUSTED ACTUAL AVG. HEAT RATES	
+10	949.0	<- Fuel Sav/(Loss) 949.0	87.0	<- Adj. Act. EAF= 89.5	+10	2,558.0		6,461	
+9	854.1		86.7		+9	2,302.2		6,464	
+8	759.2		86.4		+8	2,046.4		6,467	
+7	664.3		86.1		+7	1,790.6		6,470	
+6	569.4		85.8		+6	1,534.8		6,473	
+5	474.5		85.5		+5	1,279.0		6,476	
+4	379.6		85.2		+4	1,023.2		6,479	
+3	284.7		84.9		+3	767.4		6,482	
+2	189.8		84.6		+2	511.6		6,485	
+1	94.9		84.3		+1	255.8		6,488	
						0	<- Fuel Sav/(Loss)	6,491	<- Adj. Act. HR=6,550
0	0		84.0		0	0		6,566	
						0		6,641	
-1	(94.9)		83.7		-1	(255.8)		6,644	
-2	(189.8)		83.4		-2	(511.6)		6,647	
-3	(284.7)		83.1		-3	(767.4)		6,650	
-4	(379.6)		82.8		-4	(1,023.2)		6,653	
-5	(474.5)		82.5		-5	(1,279.0)		6,656	
-6	(569.4)		82.2		-6	(1,534.8)		6,659	
-7	(664.3)		81.9		-7	(1,790.6)		6,662	
-8	(759.2)		81.6		-8	(2,046.4)		6,665	
-9	(854.1)		81.3		-9	(2,302.2)		6,668	
-10	(949.0)		81.0		-10	(2,558.0)		6,671	
	WEIGHTING FACTOR =		2.31			WEIGHTING FACTOR =		6.23	

GENERATING PERFORMANCE INCENTIVE POINTS TABLES
FLORIDA POWER & LIGHT COMPANY
PERIOD OF JANUARY THROUGH DECEMBER, 2021

UNIT: Riviera 5

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) ($000)		ADJUSTED ACTUAL EQUIVALENT AVAILABILITY		AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) ($000)		ADJUSTED ACTUAL AVG. HEAT RATES	
+10	512.0	<- Fuel Sav/(Loss) 512.0	87.1	<- Adj. Act. EAF= 88.1	+10	1,818.0		6,454	
+9	460.8		86.9		+9	1,636.2		6,456	
+8	409.6		86.6		+8	1,454.4		6,457	
+7	358.4		86.4		+7	1,272.6		6,459	
+6	307.2		86.1		+6	1,090.8		6,460	
+5	256.0		85.9		+5	909.0		6,462	
+4	204.8		85.6		+4	727.2		6,464	
+3	153.6		85.4		+3	545.4		6,465	
+2	102.4		85.1		+2	363.6		6,467	
+1	51.2		84.9		+1	181.8		6,468	
						0	<- Fuel Sav/(Loss)	6,470	<- Adj. Act. HR=6,541
0	0		84.6		0	0		6,545	
						0		6,620	
-1	(51.2)		84.4		-1	(181.8)		6,622	
-2	(102.4)		84.1		-2	(363.6)		6,623	
-3	(153.6)		83.9		-3	(545.4)		6,625	
-4	(204.8)		83.6		-4	(727.2)		6,626	
-5	(256.0)		83.4		-5	(909.0)		6,628	
-6	(307.2)		83.1		-6	(1,090.8)		6,630	
-7	(358.4)		82.9		-7	(1,272.6)		6,631	
-8	(409.6)		82.6		-8	(1,454.4)		6,633	
-9	(460.8)		82.4		-9	(1,636.2)		6,634	
-10	(512.0)		82.1		-10	(1,818.0)		6,636	
	WEIGHTING FACTOR =		1.25			WEIGHTING FACTOR =		4.43	

GENERATING PERFORMANCE INCENTIVE POINTS TABLES
FLORIDA POWER & LIGHT COMPANY
PERIOD OF JANUARY THROUGH DECEMBER, 2021

UNIT: St. Lucie 1

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) ($000)		ADJUSTED ACTUAL EQUIVALENT AVAILABILITY		AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) ($000)		ADJUSTED ACTUAL AVG. HEAT RATES	
+10	3,807.0	<- Fuel Sav/(Loss) 3,807.0	84.1	<- Adj. Act. EAF= 88.9	+10	363.0		10,322	
+9	3,426.3		83.8		+9	326.7		10,325	
+8	3,045.6		83.4		+8	290.4		10,327	
+7	2,664.9		83.1		+7	254.1		10,330	
+6	2,284.2		82.7		+6	217.8		10,332	
+5	1,903.5		82.4		+5	181.5		10,335	
+4	1,522.8		82.0		+4	145.2		10,337	
+3	1,142.1		81.7		+3	108.9		10,340	
+2	761.4		81.3		+2	72.6		10,342	
+1	380.7		81.0		+1	36.3		10,345	
						0	<- Fuel Sav/(Loss)	10,347	<- Adj. Act. HR=10,413
0	0		80.6		0	0		10,422	
						0		10,497	
-1	(380.7)		80.2		-1	(36.3)		10,500	
-2	(761.4)		79.9		-2	(72.6)		10,502	
-3	(1,142.1)		79.6		-3	(108.9)		10,505	
-4	(1,522.8)		79.2		-4	(145.2)		10,507	
-5	(1,903.5)		78.9		-5	(181.5)		10,510	
-6	(2,284.2)		78.5		-6	(217.8)		10,512	
-7	(2,664.9)		78.2		-7	(254.1)		10,515	
-8	(3,045.6)		77.8		-8	(290.4)		10,517	
-9	(3,426.3)		77.5		-9	(326.7)		10,520	
-10	(3,807.0)		77.1		-10	(363.0)		10,522	
	WEIGHTING FACTOR =		9.28			WEIGHTING FACTOR =		0.88	

GENERATING PERFORMANCE INCENTIVE POINTS TABLES
FLORIDA POWER & LIGHT COMPANY
PERIOD OF JANUARY THROUGH DECEMBER, 2021

UNIT: St. Lucie 2

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) ($000)		ADJUSTED ACTUAL EQUIVALENT AVAILABILITY		AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) ($000)		ADJUSTED ACTUAL AVG. HEAT RATES	
+10	2,815.0	<- Fuel Sav/(Loss) 2,815.0	87.0	<- Adj. Act. EAF= 89.3	+10	267.0		10,205	
+9	2,533.5		86.7		+9	240.3		10,207	
+8	2,252.0		86.4		+8	213.6		10,208	
+7	1,970.5		86.1		+7	186.9		10,210	
+6	1,689.0		85.8		+6	160.2		10,212	
+5	1,407.5		85.5		+5	133.5		10,214	
+4	1,126.0		85.2		+4	106.8		10,215	
+3	844.5		84.9		+3	80.1		10,217	
+2	563.0		84.6		+2	53.4		10,219	
+1	281.5		84.3		+1	26.7		10,220	
						0		10,222	
0	0		84.0		0	0	<- Fuel Sav/(Loss)	10,297	<- Adj. Act. HR=10,307
						0		10,372	
-1	(281.5)		83.7		-1	(26.7)		10,374	
-2	(563.0)		83.4		-2	(53.4)		10,375	
-3	(844.5)		83.1		-3	(80.1)		10,377	
-4	(1,126.0)		82.8		-4	(106.8)		10,379	
-5	(1,407.5)		82.5		-5	(133.5)		10,381	
-6	(1,689.0)		82.2		-6	(160.2)		10,382	
-7	(1,970.5)		81.9		-7	(186.9)		10,384	
-8	(2,252.0)		81.6		-8	(213.6)		10,386	
-9	(2,533.5)		81.3		-9	(240.3)		10,387	
-10	(2,815.0)		81.0		-10	(267.0)		10,389	
	WEIGHTING FACTOR =		6.86			WEIGHTING FACTOR =		0.65	

GENERATING PERFORMANCE INCENTIVE POINTS TABLES
FLORIDA POWER & LIGHT COMPANY
PERIOD OF JANUARY THROUGH DECEMBER, 2021

UNIT: Turkey Point 3

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) ($000)		ADJUSTED ACTUAL EQUIVALENT AVAILABILITY		AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) ($000)		ADJUSTED ACTUAL AVG. HEAT RATES	
+10	2,769.0		88.7		+10	828.0	<- Fuel Sav/(Loss) 828.0	10,976	<- Adj. Act. HR=10,660
+9	2,492.1		88.4		+9	745.2		10,994	
+8	2,215.2		88.1		+8	662.4		11,013	
+7	1,938.3		87.8		+7	579.6		11,031	
+6	1,661.4		87.5		+6	496.8		11,049	
+5	1,384.5		87.2		+5	414.0		11,068	
+4	1,107.6		86.9		+4	331.2		11,086	
+3	830.7		86.6		+3	248.4		11,104	
+2	553.8		86.3		+2	165.6		11,122	
+1	276.9		86.0		+1	82.8		11,141	
						0		11,159	
0	0		85.7		0	0		11,234	
						0		11,309	
-1	(276.9)		85.4		-1	(82.8)		11,327	
-2	(553.8)		85.1		-2	(165.6)		11,346	
-3	(830.7)		84.8		-3	(248.4)		11,364	
-4	(1,107.6)	<- Fuel Sav/(Loss) (1,107.6)	84.5	<- Adj. Act. EAF= 84.5	-4	(331.2)		11,382	
-5	(1,384.5)		84.2		-5	(414.0)		11,401	
-6	(1,661.4)		83.9		-6	(496.8)		11,419	
-7	(1,938.3)		83.6		-7	(579.6)		11,437	
-8	(2,215.2)		83.3		-8	(662.4)		11,455	
-9	(2,492.1)		83.0		-9	(745.2)		11,474	
-10	(2,769.0)		82.7		-10	(828.0)		11,492	
	WEIGHTING FACTOR =		6.75			WEIGHTING FACTOR =		2.02	

GENERATING PERFORMANCE INCENTIVE POINTS TABLES
FLORIDA POWER & LIGHT COMPANY
PERIOD OF JANUARY THROUGH DECEMBER, 2021

UNIT: Turkey Point 4

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) ($000)		ADJUSTED ACTUAL EQUIVALENT AVAILABILITY		AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) ($000)		ADJUSTED ACTUAL AVG. HEAT RATES	
+10	2,816.0	<- Fuel Sav/(Loss) 2,816.0	96.6	<- Adj. Act. EAF= 99.5	+10	643.0	<- Fuel Sav/(Loss) 643.0	10,660	<- Adj. Act. HR=10,476
+9	2,534.4		96.3		+9	578.7		10,675	
+8	2,252.8		96.0		+8	514.4		10,691	
+7	1,971.2		95.7		+7	450.1		10,706	
+6	1,689.6		95.4		+6	385.8		10,721	
+5	1,408.0		95.1		+5	321.5		10,737	
+4	1,126.4		94.8		+4	257.2		10,752	
+3	844.8		94.5		+3	192.9		10,767	
+2	563.2		94.2		+2	128.6		10,782	
+1	281.6		93.9		+1	64.3		10,798	
						0		10,813	
0	0		93.6		0	0		10,888	
						0		10,963	
-1	(281.6)		93.3		-1	(64.3)		10,978	
-2	(563.2)		93.0		-2	(128.6)		10,994	
-3	(844.8)		92.7		-3	(192.9)		11,009	
-4	(1,126.4)		92.4		-4	(257.2)		11,024	
-5	(1,408.0)		92.1		-5	(321.5)		11,040	
-6	(1,689.6)		91.8		-6	(385.8)		11,055	
-7	(1,971.2)		91.5		-7	(450.1)		11,070	
-8	(2,252.8)		91.2		-8	(514.4)		11,085	
-9	(2,534.4)		90.9		-9	(578.7)		11,101	
-10	(2,816.0)		90.6		-10	(643.0)		11,116	
	WEIGHTING FACTOR =		6.86			WEIGHTING FACTOR =		1.57	

GENERATING PERFORMANCE INCENTIVE POINTS TABLES
FLORIDA POWER & LIGHT COMPANY
PERIOD OF JANUARY THROUGH DECEMBER, 2021

UNIT: Turkey Point 5

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) ($000)		ADJUSTED ACTUAL EQUIVALENT AVAILABILITY		AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) ($000)		ADJUSTED ACTUAL AVG. HEAT RATES	
+10	194.0		83.6		+10	1,186.0		7,232	
+9	174.6		83.3		+9	1,067.4		7,236	
+8	155.2		83.0		+8	948.8		7,241	
+7	135.8		82.7		+7	830.2		7,245	
+6	116.4		82.4		+6	711.6		7,249	
+5	97.0		82.1		+5	593.0		7,254	
+4	77.6		81.8		+4	474.4	<- Fuel Sav/(Loss) 386.6	7,258	<- Adj. Act. HR=7,261
+3	58.2		81.5		+3	355.8		7,262	
+2	38.8		81.2		+2	237.2		7,266	
+1	19.4		80.9		+1	118.6		7,271	
						0		7,275	
0	0		80.6		0	0		7,350	
						0		7,425	
-1	(19.4)		80.3		-1	(118.6)		7,429	
-2	(38.8)		80.0		-2	(237.2)		7,434	
-3	(58.2)		79.7		-3	(355.8)		7,438	
-4	(77.6)		79.4		-4	(474.4)		7,442	
-5	(97.0)		79.1		-5	(593.0)		7,447	
-6	(116.4)	<- Fuel Sav/(Loss) (110.0)	78.8	<- Adj. Act. EAF= 78.9	-6	(711.6)		7,451	
-7	(135.8)		78.5		-7	(830.2)		7,455	
-8	(155.2)		78.2		-8	(948.8)		7,459	
-9	(174.6)		77.9		-9	(1,067.4)		7,464	
-10	(194.0)		77.6		-10	(1,186.0)		7,468	
	WEIGHTING FACTOR =		0.48			WEIGHTING FACTOR =		2.89	

GENERATING PERFORMANCE INCENTIVE POINTS TABLES
FLORIDA POWER & LIGHT COMPANY
PERIOD OF JANUARY THROUGH DECEMBER, 2021

UNIT: West County 1

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) ($000)		ADJUSTED ACTUAL EQUIVALENT AVAILABILITY		AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) ($000)	ADJUSTED ACTUAL AVG. HEAT RATES
+10	581.0		93.5		+10	3,025.0	6,936
+9	522.9		93.3		+9	2,722.5	6,945
+8	464.8		93.0		+8	2,420.0	6,953
+7	406.7		92.8		+7	2,117.5	6,962
+6	348.6		92.5		+6	1,815.0	6,971
+5	290.5		92.3		+5	1,512.5	6,980
+4	232.4		92.0		+4	1,210.0	6,988
+3	174.3		91.8		+3	907.5	6,997
+2	116.2		91.5		+2	605.0	7,006
+1	58.1		91.3		+1	302.5	7,014
						0	7,023
0	0		91.0		0	0	7,098
						0	7,173
-1	(58.1)		90.8		-1	(302.5)	7,182
-2	(116.2)		90.5		-2	(605.0)	7,190
-3	(174.3)		90.3		-3	(907.5)	7,199
-4	(232.4)		90.0		-4	(1,210.0)	7,208
-5	(290.5)		89.8		-5	(1,512.5)	7,217
-6	(348.6)		89.5		-6	(1,815.0)	7,225
-7	(406.7)		89.3		-7	(2,117.5)	7,234
-8	(464.8)	<- Fuel Sav/(Loss) (464.8)	89.0	<- Adj. Act. EAF= 89.0	-8	(2,420.0)	7,243
-9	(522.9)		88.8		-9	(2,722.5)	7,251
-10	(581.0)		88.5		-10	(3,025.0)	7,260
	WEIGHTING FACTOR =		1.42			WEIGHTING FACTOR =	7.37

GENERATING PERFORMANCE INCENTIVE POINTS TABLES
FLORIDA POWER & LIGHT COMPANY
PERIOD OF JANUARY THROUGH DECEMBER, 2021

UNIT: West County 2

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) ($000)		ADJUSTED ACTUAL EQUIVALENT AVAILABILITY		AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) ($000)		ADJUSTED ACTUAL AVG. HEAT RATES	
+10	643.0	<- Fuel Sav/(Loss) 643.0	92.2	<- Adj. Act. EAF= 93.5	+10	3,572.0		6,711	
+9	578.7		92.0		+9	3,214.8		6,721	
+8	514.4		91.7		+8	2,857.6		6,730	
+7	450.1		91.5		+7	2,500.4		6,740	
+6	385.8		91.2		+6	2,143.2		6,749	
+5	321.5		91.0		+5	1,786.0		6,759	
+4	257.2		90.7		+4	1,428.8		6,769	
+3	192.9		90.5		+3	1,071.6		6,778	
+2	128.6		90.2		+2	714.4		6,788	
+1	64.3		90.0		+1	357.2		6,797	
						0	<- Fuel Sav/(Loss)	6,807	<- Adj. Act. HR=6,851
0	0		89.7		0	0		6,882	
						0		6,957	
-1	(64.3)		89.5		-1	(357.2)		6,967	
-2	(128.6)		89.2		-2	(714.4)		6,976	
-3	(192.9)		89.0		-3	(1,071.6)		6,986	
-4	(257.2)		88.7		-4	(1,428.8)		6,995	
-5	(321.5)		88.5		-5	(1,786.0)		7,005	
-6	(385.8)		88.2		-6	(2,143.2)		7,015	
-7	(450.1)		88.0		-7	(2,500.4)		7,024	
-8	(514.4)		87.7		-8	(2,857.6)		7,034	
-9	(578.7)		87.5		-9	(3,214.8)		7,043	
-10	(643.0)		87.2		-10	(3,572.0)		7,053	
	WEIGHTING FACTOR =		1.57			WEIGHTING FACTOR =		8.71	

GENERATING PERFORMANCE INCENTIVE POINTS TABLES
FLORIDA POWER & LIGHT COMPANY
PERIOD OF JANUARY THROUGH DECEMBER, 2021

UNIT: West County 3

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) ($000)		ADJUSTED ACTUAL EQUIVALENT AVAILABILITY		AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) ($000)		ADJUSTED ACTUAL AVG. HEAT RATES	
+10	622.0		85.7		+10	3,118.0		6,764	
+9	559.8		85.5		+9	2,806.2		6,772	
+8	497.6		85.2		+8	2,494.4		6,780	
+7	435.4		85.0		+7	2,182.6		6,788	
+6	373.2		84.7		+6	1,870.8		6,796	
+5	311.0		84.5		+5	1,559.0		6,804	
+4	248.8		84.2		+4	1,247.2		6,812	
+3	186.6	<- Fuel Sav/(Loss) 199.0	84.0	<- Adj. Act. EAF= 84.0	+3	935.4		6,820	
+2	124.4		83.7		+2	623.6		6,828	
+1	62.2		83.5		+1	311.8		6,836	
						0		6,844	
0	0		83.2		0	0	<- Fuel Sav/(Loss)	6,919	<- Adj. Act. HR=6.929
						0		6,994	
-1	(62.2)		83.0		-1	(311.8)		7,002	
-2	(124.4)		82.7		-2	(623.6)		7,010	
-3	(186.6)		82.5		-3	(935.4)		7,018	
-4	(248.8)		82.2		-4	(1,247.2)		7,026	
-5	(311.0)		82.0		-5	(1,559.0)		7,034	
-6	(373.2)		81.7		-6	(1,870.8)		7,042	
-7	(435.4)		81.5		-7	(2,182.6)		7,050	
-8	(497.6)		81.2		-8	(2,494.4)		7,058	
-9	(559.8)		81.0		-9	(2,806.2)		7,066	
-10	(622.0)		80.7		-10	(3,118.0)		7,074	
	WEIGHTING FACTOR =		1.52			WEIGHTING FACTOR =		7.60	

ACTUAL PLANNED OUTAGES

FLORIDA POWER & LIGHT COMPANY

JANUARY THROUGH DECEMBER, 2021

PLANT/UNIT	ACTUAL PLANNED OUTAGE DATE	REASON FOR OUTAGE
Cape Canaveral 3	1/13/21-1/31/21	CT-32 planned outage
Sanford 5	3/14/21-3/25/21	Full block planned outage
Ft. Myers 2	2/25-3/12/21 & 10/17-10/28/21; 10/29-11/18/21	CT-2A planned outage; CT-2B planned outage
	2/25-3/12/21 & 10/29-11/18/21; 2/25-3/12/21	CT-2C planned outage; CT-2D planned outage
	10/29-11/18/21; 2/25-3/12/21 & 10/29-11/18/21	CT-2E planned outage; CT-2F planned outage
	2/25-3/12/21 & 10/29-11/18/21	Steam Turbines 1 & 2 planned outages
Port Everglades 5	3/21-4/13/21	Steam turbine (ST) and CT-53 planned outages
	3/19-4/15/21; 3/20-4/13/21	CT-51 planned outage; CT-52 planned outage
Riviera 5	3/26-5/3/21	ST valve outage, generator minor and CT-51 combustor inspection with modified hot gas path planned outage
	2/22-3/24/21; 3/26-5/4/21	CT-52 combustor inspection (CI) and rotor re-tension; CT-52 CI with compressor vane carrier (CVC) upgrade
	3/26-5/2/21	CT-53 combustor inspection with CVC upgrade
St. Lucie 1	4/8-4/10/21; 4/10-5/14/21; 5/17-5/19/21	Main Steam Safety Valve (MSSV) test and down power; Refueling; power ascension after refueling
St. Lucie 2	8/26-8/28/21; 8/28-9/30/21	Main Steam Safety Valve (MSSV) test and down power; Refueling outage
	9/30-10/1/21 & 10/4/21	Power ascension after refueling
Turkey Point 3	10/7-10/9/21; 10/9-11/7/21; 11/20-11/24/21	Down power; Refueling; Power ascension after refueling
Turkey Point 4	NONE	N/A
Turkey Point 5	3/1-3/22/21 & 11/11-12/10/21	CT-5A reliabiity planned outage
	3/1-3/20/21; 3/1-3/20/21 & 11/28-12/17/21	CT-5B reliabiity planned outage; CT-5C reliability planned outage
	3/1-3/20/21	CT-5D and steam turbine reliabiity planned outages
West County 1	1/1-1/3/21 & 10/15-10/29/21	CT-1A reliability planned outage
	1/1-1/8/21 & 10/3-11/2/21	CT-1B fuel system inspection & CT-1B reliability planned outage
	10/16-10/28/21	CT-1C and steam turbine reliability planned outage
West County 2	3/21-4/7/21; 3/3-3/22/21	CT-2A reliability CT boroscope inspection; CT-2B reliability CT boroscope inspection
	3/21-4/9/21; 3/21-4/3/21	CT-2C reliability CT boroscope inspection; Steam turbine and balance of plant reliability planned outage
West County 3	4/3-5/24/21; 11/29-12/23/21	CT-3A turbine rotor upgrade; CT-3B reliability planned outage and inlet guide vane outage
	10/26-12/20/21; 12/3-12/13/21	CT-3C reliability planned outage; Steam turbine planned outage

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 26
PARTY: CRR-2
DESCRIPTION: Generating Performance Incentive Factor Performance Results for January 2021 through December 2021 -...

EXHIBIT TO THE TESTIMONY OF

CHARLES R. ROTE

IN FPSC DOCKET 20220001-EI

I. CORRECTIONS TO REPORTED DATA FOR THE JANUARY 2021 - DECEMBER 2021 PERIOD

Additions and Corrections to Outages Previously Reported
for the January 2021 - December 2021 Period

Date	Unit	Change	Outage Type	Hours	MW	Description
April filing	Smith 3	Increased capcity reduction.	PMOH	0.0	322.0	April filing didn't include 208 MW from the steam generator.
December filing	Smith 3	Added time to event duration	MOH	5.0	208.0	PO Hours trued up

II. CALCULATIONS OF EQUIVALENT AVAILABILITY POINTS

Comparison of Forecast and Actual Planned Outages
for January 2021 - December 2021

Unit	Note	Forecast Planned Outage Schedule	Forecast Hours*	Actual Planned Outage Schedule	Actual Hours*
Smith 3	3	2/19/2021 - 2/27/2021	216.0	4/09/2021 - 4/18/21	226.5
Smith 3	3	9/25/2021 - 10/03/2021	216.0	12/01/2021 - 12/14/2021	325.5
Scherer 3	1	3/20/2021 - 4/02/2021	336.0	3/20/2021 - 4/02/2021	336.0
Scherer 3	2		0.0	10/28/2021 - 11/01/2021	96.0
GCEC 7	2		0.0	4/20/2021 - 4/29/2021	240.4
GCEC 7	2		0.0	5/01/2021 - 5/19/2021	455.6
GCEC 7	2		0.0	5/19/2021 - 5/24/2021	114.6

* Planned outage hours in the January 2021 - December 2021 period only.

Notes: 1. The outage proceeded as scheduled.

2. The outage was added subsequent to the target filing.

3. The outage date was changed subsequent to the target filing.

4. The outage date proceeded as scheduled and extended.

Calculation of Actual Equivalent Availability
for January 2021 - December 2021
Based on Target Planned Outage Hours
Scherer 3

Results of Operations

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
FOH	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	188.3	188.3
EFOH	0.0	0.0	0.0	0.0	0.0	0.8	
	5.8	26.8	0.0	0.0	0.0	0.0	33.4
MOH	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	119.6	0.0	84.2	203.7
EMOH	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PH	744.0	672.0	743.0	720.0	744.0	720.0	
	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
POH	0.0	0.0	288.0	48.0	0.0	0.0	
	0.0	0.0	0.0	96.0	0.0	0.0	432.0
RSH	744.0	396.5	455.0	672.0	565.1	196.6	
	0.0	0.0	142.2	505.4	0.0	278.3	3955.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(188.3 + 33.4 + 203.7 + 0.0)}{(8760.0 - 432.0 - 3955.0)}$$

EUOR = 0.0973

$$2.\ EA = \left[1 - \frac{(POH^* + EUOR\ (PH - POH^* - RSH^*))}{PH} \right] \times 100$$

Target POH* = 336.0

Target RSH* = 5007.0

$$EA = \left[1 - \frac{(336.0 + 0.0973\ (8760.0 - 336.0 - 5007.0))}{8760.0} \right] \times 100 = 92.4\ \%$$

Note: Please refer to page 9 of this Schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
for January 2021 - December 2021
Based on Target Planned Outage Hours
GCEC 7

Results of Operations

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
FOH	232.3	4.3	0.0	0.0	0.0	0.0	
	12.4	4.1	0.0	0.0	0.0	0.0	253.0
EFOH	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	30.0	7.7	0.0	0.0	0.0	37.7
MOH	69.4	22.4	30.0	139.0	0.0	0.0	
	0.0	0.0	84.0	0.0	360.6	0.0	705.4
EMOH	0.0	6.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	6.0
PH	744.0	672.0	743.0	720.0	744.0	720.0	
	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
POH	0.0	0.0	0.0	240.4	570.2	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	810.6
RSH	0.0	0.0	428.4	340.6	76.4	303.3	
	0.0	0.0	67.5	359.3	360.4	744.0	2679.9

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(253.0 + 37.7 + 705.4 + 6.0)}{(8760.0 - 810.6 - 2679.9)}$$

EUOR = 0.1902

$$2.\ EA = \left[1 - \frac{(POH^* + EUOR\ (PH - POH^* - RSH^*))}{PH} \right] \times 100$$

Target POH* = 0.0

Target RSH* = 2288.0

$$EA = \left[1 - \frac{(0.0 + 0.1902\ (8760.0 - 0.0 - 2288.0))}{8760.0} \right] \times 100 = 85.9\ \%$$

Note: Please refer to page 9 of this Schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
for January 2021 - December 2021
Based on Target Planned Outage Hours
Daniel 1

Results of Operations

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
FOH	0.0	69.4	26.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	95.4
EFOH	0.0	0.0	0.0	0.0	95.7	0.0	
	0.0	11.9	0.0	0.0	0.0	0.0	107.6
MOH	0.0	34.2	81.2	0.0	47.3	0.0	
	37.3	0.0	215.0	8.5	0.0	0.0	423.5
EMOH	94.6	42.5	55.3	110.4	82.0	104.9	
	108.4	110.0	0.0	67.4	63.7	25.7	864.9
PH	744.0	672.0	743.0	720.0	744.0	720.0	
	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
POH	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RSH	0.0	99.3	275.3	0.0	0.0	0.0	
	0.0	0.0	0.0	385.0	305.4	576.6	1641.5

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(95.4 + 107.6 + 423.5 + 864.9)}{(8760.0 - 0.0 - 1641.5)}$$

$$EUOR = 0.2095$$

$$2.\ EA = \left[1 - \frac{(POH^* + EUOR\ (PH - POH^* - RSH^*))}{PH} \right] \times 100$$

Target POH* = 1.0

Target RSH* = 4443.0

$$EA = \left[1 - \frac{(1.0 + 0.2095\ (8760.0 - 1.0 - 4443.0))}{8760.0} \right] \times 100 = 89.7\ \%$$

Note: Please refer to page 9 of this Schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
for January 2021 - December 2021
Based on Target Planned Outage Hours
Daniel 2

Results of Operations

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
FOH	0.0	4.3	0.0	128.5	744.0	720.0	
	744.0	744.0	744.0	428.4	0.0	0.0	4257.3
EFOH	0.0	63.7	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	63.7
MOH	0.0	141.1	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	273.3	0.0	414.3
EMOH	70.6	35.2	114.0	90.7	0.0	0.0	
	0.0	0.0	0.0	48.3	40.5	114.1	513.4
PH	744.0	672.0	743.0	720.0	744.0	720.0	
	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
POH	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RSH	156.5	72.3	0.0	0.0	0.0	0.0	
	0.0	0.0	79.0	0.0	155.1	0.0	462.8

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(4257.3 + 63.7 + 414.3 + 513.4)}{(8760.0 - 0.0 - 462.8)}$$

EUOR = 0.6326

$$2.\ EA = \left[1 - \frac{(POH^* + EUOR\ (PH - POH^* - RSH^*))}{PH} \right] \times 100$$

Target POH* = 0.0

Target RSH* = 1223.0

$$EA = \left[1 - \frac{(0.0 + 0.6326\ (8760.0 - 0.0 - 1223.0))}{8760.0} \right] \times 100 = 45.6\ \%$$

Note: Please refer to page 9 of this Schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
for January 2021 - December 2021
Based on Target Planned Outage Hours
Smith 3

Results of Operations

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
FOH	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EFOH	2.6	0.0	0.0	0.8	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	3.4
MOH	0.0	0.0	0.0	226.5	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	325.5	552.0
EMOH	0.0	0.0	0.0	34.0	0.0	7.4	
	0.0	0.0	0.0	16.9	13.9	0.0	72.2
PH	744.0	672.0	743.0	720.0	744.0	720.0	
	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
POH	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RSH	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(0.0 + 3.4 + 552.0 + 72.2)}{(8760.0 - 0.0 - 0.0)}$$

EUOR = 0.0716

$$2.\ EA = \left[1 - \frac{(POH^* + EUOR\ (PH - POH^* - RSH^*))}{PH} \right] \times 100$$

Target POH* = 432.0

Target RSH* = 92.0

$$EA = \left[1 - \frac{(432.0 + 0.0716\ (8760.0 - 432.0 - 92.0))}{8760.0} \right] \times 100 = 88.3\ \%$$

Note: Please refer to page 9 of this Schedule for an explanation of symbols.

Calculation of Equivalent Availability Points
for January 2021 - December 2021

(1) Unit	(2) Equivalent Availability Target*	(3) Actual Equivalent Availability Adjusted to Target Planned Outage Basis**	(4) Minimum or Maximum Attainable Equivalent Availability*	(5) Availability Points***
Scherer 3	95.3	92.4	94.7	-10.00
GCEC 7	89.0	85.9	84.2	-6.46
Daniel 1	93.9	89.7	93.9	-10.00
Daniel 2	93.4	45.6	89.3	-10.00
Smith 3	91.2	88.3	89.4	-10.00

* As appropriate from page 5, Schedule 3 of Exhibit to Charles R. Rote's September 3, 2020 GPIF Testimony in Docket 20200001-EI.

** Refer to pages 3 through 7 of this Schedule for calculations.

*** If (3) > (2)

$$\text{Availability Points} = \frac{(3) - (2)}{(4) - (2)} \times 10$$

If (3) < (2)

$$\text{Availability Points} = \frac{(3) - (2)}{(4) - (2)} \times -10$$

Summary of Equivalent Availability Symbols

EA - Equivalent Availability
POH - Planned Outage Hours
EUOR - Equivalent Unplanned Outage Rate
PH - Period Hours
FOH - Forced Outage Hours
EFOH - Equivalent Forced Outage Hours
MOH - Maintenance Outage Hours
EMOH - Equivalent Maintenance Outage Hours
RSH - Reserve Shutdown Hours

III. CALCULATION OF GPIF UNIT HEAT RATE POINTS

Calculation of Average Net Operating Heat Rate Points
for January 2021 - December 2021

Scherer 3

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	0.0	175196.0	0.0	0.0	74388.0	252246.0	
	483506.0	538582.0	382792.0	4814.0	0.0	91622.0	2003146.0
BTU/Lb*	0.0	8349.2	0.0	0.0	8460.9	8371.7	
	8257.9	8192.9	8300.9	0.0	0.0	8347.4	8262.7
Coal, MMBTU	0.0	1462739.2	0.0	0.0	629392.8	2111740.3	
	3992734.5	4412571.7	3177508.5	0.0	0.0	764804.7	16551491.7
Oil, MMBTU	0.0	0.0	0.0	0.0	9643.8	7806.9	
	837.2	3900.7	3728.9	73.9	0.0	22157.7	48149.1
Gas, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MMBTU **	0.0	-5373.0	0.0	0.0	-5373.0	-5373.0	
	0.0	0.0	-5373.0	0.0	0.0	-5373.0	-26865.0
Total Fuel Consumption, MMBTU	0.0	1457366.2	0.0	0.0	633663.6	2114174.2	
	3993571.7	4416472.4	3175864.4	73.9	0.0	781589.4	16572775.8
Net MWH Generation***	0	136877	0	0	52624	183184	
	370305	410912	298572	6047	0	60227	1518748
Average Net Operating Heat Rate	---	10647	---	---	12041	11541	
	10785	10748	10637	12	---	12977	10912

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
for January 2021 - December 2021

GCEC 7

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BTU/Lb*	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coal, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oil, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gas, MMBTU	1153507.0	1825661.0	803639.0	0.0	207194.0	901022.0	
	1505611.0	1569048.0	1175364.0	805085.0	0.0	0.0	9946131.0
Startup, MMBTU **	-6768.0	0.0	0.0	0.0	-2256.0	-2256.0	
	0.0	0.0	-2256.0	0.0	0.0	0.0	-13536.0
Total Fuel Consumption, MMBTU	1146739.0	1825661.0	803639.0	0.0	204938.0	898766.0	
	1505611.0	1569048.0	1173108.0	805085.0	0.0	0.0	9932595.0
Net MWH Generation***	101416	162493	71090	0	17285	74309	
	121497	127799	95367	65044	0	0	836300
Average Net Operating Heat Rate	11307	11235	11305	---	11856	12095	
	12392	12277	12301	12378	---	---	11877

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
for January 2021 - December 2021

Daniel 1

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	204802.0	174254.0	110672.0	212102.0	218594.0	270824.0	
	300790.0	336138.0	227910.0	125610.0	114776.0	46590.0	2343062.0
BTU/Lb*	8889.0	8720.4	8695.8	8720.1	9265.3	8787.3	
	8663.4	8714.6	8711.0	8707.2	8785.6	8719.7	8785.9
Coal, MMBTU	1820491.0	1519565.8	962379.0	1849559.9	2025343.1	2379818.9	
	2605859.7	2929295.4	1985323.6	1093706.6	1008373.9	406252.3	20585969.2
Oil, MMBTU	16.6	9183.4	6724.8	37.8	7069.3	87.7	
	2895.7	18.7	1952.5	4301.3	3710.3	412.6	36410.7
Gas, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MMBTU **	0.0	-2388.7	-2388.7	0.0	-2388.7	0.0	
	-2388.7	0.0	0.0	0.0	-2388.7	0.0	-11943.5
Total Fuel Consumption, MMBTU	1820507.6	1526360.5	966715.1	1849597.7	2030023.7	2379906.6	
	2606366.7	2929314.1	1987276.1	1098007.9	1009695.5	406664.9	20610436.4
Net MWH Generation***	166061	149661	85838	165737	189875	225915	
	257511	289538	188853	101703	89396	36174	1946262
Average Net Operating Heat Rate	10963	10199	11262	11160	10691	10535	
	10121	10117	10523	10796	11295	11242	10590

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
for January 2021 - December 2021

Daniel 2

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	168926.0	145740.0	202064.0	177950.0	0.0	0.0	
	0.0	0.0	0.0	101280.0	94284.0	214736.0	1104980.0
BTU/Lb*	8752.6	9105.9	8789.3	8722.4	0.0	0.0	
	0.0	0.0	0.0	8693.3	8696.3	8781.4	8796.4
Coal, MMBTU	1478535.6	1327090.6	1776005.3	1552150.0	0.0	0.0	
	0.0	0.0	0.0	880455.4	819917.7	1885675.4	9719830.0
Oil, MMBTU	5527.6	6658.0	6865.0	2069.0	0.0	0.0	
	0.0	0.0	0.0	2190.4	186.6	515.8	24012.4
Gas, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MMBTU **	-2388.7	-2388.7	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	-2388.7	-2388.7	0.0	-9554.8
Total Fuel Consumption, MMBTU	1481674.5	1331359.9	1782870.3	1554219.0	0.0	0.0	
	0.0	0.0	0.0	880257.1	817715.6	1886191.2	9734287.6
Net MWH Generation***	137449	123560	153339	140855	0	0	
	0	0	0	83189	72231	170299	880922
Average Net Operating Heat Rate	10780	10775	11627	11034	---	---	
	---	---	---	10581	11321	11076	11050

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
for January 2021 - December 2021

Smith 3

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BTU/Lb*	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Coal, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oil, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gas, MMBTU	3153848.0	2568727.0	3089337.0	1892058.0	2978365.0	2919792.0	
	3172141.0	3174719.0	2973924.0	2825612.0	2695743.0	1716091.0	33160357.0
Startup, MMBTU **	0.0	0.0	0.0	-1200.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	-1200.0	-2400.0
Total Fuel Consumption, MMBTU	3153848.0	2568727.0	3089337.0	1890858.0	2978365.0	2919792.0	
	3172141.0	3174719.0	2973924.0	2825612.0	2695743.0	1714891.0	33157957.0
Net MWH Generation***	453491	365828	443343	271552	424394	412594	
	447017	446592	420046	398108	387064	242374	4712403
Average Net Operating Heat Rate	6955	7022	6968	6963	7018	7077	
	7096	7109	7080	7098	6965	7075	7036

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate
for January 2021 - December 2021
Adjusted to Target Basis Using Heat Rate
Equations Filed September 3, 2020

Scherer 3

		Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1.	Target Heat Rate*	11086	11911	0	0	11647	11660	
		11380	11075	11300	0	0	11222	
2.	Target Heat Rate	11086	10813	0	0	11607	11588	
	at Actual Conditions**	10915	10697	10768	11841	0	11498	
3.	Adjustment to Actual	0	1098	0	0	40	72	
	Heat Rate (1-2)	465	378	532	-502	0	-276	
4.	Actual Heat Rate	0	10647	0	0	12039	11541	
	(Page 2 of Sched. 3)	10785	10748	10637	12	0	12972	
5.	Adjusted Actual	0	11745	0	0	12079	11613	
	Heat Rate (4+3)	11250	11126	11169	-490	0	12696	
6.	Net MWH Generation	0	136877	0	0	52624	183184	
		370305	410912	298572	6047	0	60227	
7.	Adjusted Actual Heat Rate for January 2021 - December 2021 $=(\Sigma(5*6)/\Sigma 6)$							11328

* From pages 17 & 18, Schedule 3 of Exhibit to Charles R. Rote's September 3, 2020 GPIF Testimony in Docket 20200001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this Schedule.

Calculation of Average Net Operating Heat Rate
for January 2021 - December 2021
Adjusted to Target Basis Using Heat Rate
Equations Filed September 3, 2020

GCEC 7

		Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1.	Target Heat Rate*	12454	0	12630	10797	10599	10826	
		10572	10600	10679	10979	11306	0	
2.	Target Heat Rate	11333	11191	11202	10797	11992	12343	
	at Actual Conditions**	12178	12060	12150	11625	11306	0	
3.	Adjustment to Actual	1121	-309	1428	0	-1393	-1517	
	Heat Rate (1-2)	-1606	-1460	-1471	-646	0	0	
4.	Actual Heat Rate	11307	11235	11305	0	11856	12095	
	(Page 3 of Sched. 3)	12392	12277	12301	12378	0	0	
5.	Adjusted Actual	12428	10926	12733	0	10463	10578	
	Heat Rate (4+3)	10786	10817	10830	11732	0	0	
6.	Net MWH Generation	101416	162493	71090	0	17285	74309	
		121497	127799	95367	65044	0	0	
7.	Adjusted Actual Heat Rate for January 2021 - December 2021 $=(\Sigma(5*6)/\Sigma 6)$							11236

* From pages 19 & 20, Schedule 3 of Exhibit to Charles R. Rote's September 3, 2020 GPIF Testimony in Docket 20200001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 13 of this Schedule.

Calculation of Average Net Operating Heat Rate
for January 2021 - December 2021
Adjusted to Target Basis Using Heat Rate
Equations Filed September 3, 2020

Daniel 1

		Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1.	Target Heat Rate*	10031	0	11464	10992	10807	10558	
		10239	10283	10492	0	11845	10437	
2.	Target Heat Rate	11007	9782	11539	10929	10570	10442	
	at Actual Conditions**	10069	9963	10021	10319	10670	11094	
3.	Adjustment to Actual	-976	868	-75	63	237	116	
	Heat Rate (1-2)	170	320	471	331	1175	-657	
4.	Actual Heat Rate	10963	10198	11261	11160	10691	10535	
	(Page 4 of Sched. 3)	10121	10117	10523	10796	11294	11242	
5.	Adjusted Actual	9987	11066	11186	11223	10928	10651	
	Heat Rate (4+3)	10291	10437	10994	11127	12469	10585	
6.	Net MWH Generation	166061	149661	85838	165737	189875	225915	
		257511	289538	188853	101703	89396	36174	
7.	Adjusted Actual Heat Rate for January 2021 - December 2021 $=(\Sigma(5*6)/\Sigma 6)$							10787

* From pages 21 & 22 , Schedule 3 of Exhibit to Charles R. Rote's September 3, 2020 GPIF Testimony in Docket 20200001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 13 of this Schedule.

Calculation of Average Net Operating Heat Rate
for January 2021 - December 2021
Adjusted to Target Basis Using Heat Rate
Equations Filed September 3, 2020

Daniel 2

		Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1.	Target Heat Rate*	10300	10371	10092	10459	10578	10252	
		10200	10222	10251	10502	10554	10549	
2.	Target Heat Rate	10900	10571	10692	11097	10578	10252	
	at Actual Conditions**	10200	10222	10251	10648	10831	10919	
3.	Adjustment to Actual	-600	-200	-600	-638	0	0	
	Heat Rate (1-2)	0	0	0	-146	-277	-370	
4.	Actual Heat Rate	10779	10774	11626	11034	0	0	
	(Page 5 of Sched. 3)	0	0	0	10581	11321	11076	
5.	Adjusted Actual	10179	10574	11026	10396	0	0	
	Heat Rate (4+3)	0	0	0	10435	11044	10706	
6.	Net MWH Generation	137449	123560	153339	140855	0	0	
		0	0	0	83189	72231	170299	
7.	Adjusted Actual Heat Rate for January 2021 - December 2021 $=(\Sigma(5*6)/\Sigma 6)$							10614

* From pages 23 & 24, Schedule 3 of Exhibit to Charles R. Rote's September 3, 2020 GPIF Testimony in Docket 20200001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 13 of this Schedule.

Calculation of Average Net Operating Heat Rate
for January 2021 - December 2021
Adjusted to Target Basis Using Heat Rate
Equations Filed September 3, 2020

Smith 3

		Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1.	Target Heat Rate*	6929	6856	6931	6932	6932	6931	
		6932	6931	6931	6773	6932	6929	
2.	Target Heat Rate	6928	6839	6927	6921	6924	6924	
	at Actual Conditions**	6927	6927	6926	6727	6920	6925	
3.	Adjustment to Actual	1	17	4	11	8	7	
	Heat Rate (1-2)	5	4	5	46	12	4	
4.	Actual Heat Rate***	6955	7022	6968	6963	7018	7077	
	(Page 6 of Sched. 3)	7096	7109	7080	7098	6965	7075	
5.	Adjusted Actual	6956	7039	6972	6974	7026	7084	
	Heat Rate (4+3)	7101	7113	7085	7144	6977	7079	
6.	Net MWH Generation	453491	365828	443343	271552	424394	412594	
		447017	446592	420046	398108	387064	242374	
7.	Adjusted Actual Heat Rate for January 2021 - December 2021 =(Σ (5*6) / Σ 6)							7047

* From pages 25 & 26, Schedule 3 of Exhibit to Charles R. Rote's September 3, 2020 GPIF Testimony in Docket 20200001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 13 of this Schedule.

Actual Values of
Target Heat Rate Equation Parameters
for January 2021 - December 2021

		Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec
Scherer 3							
	+3						
	AKW * 10	0.0	496.8	0.0	0.0	294.1	350.0
		497.7	552.3	516.7	262.6	0.0	311.6
	+6						
	LSRF * 10	149965.0	83417.0	97694.8	0.0	95096.5	153034.7
		313851.2	378285.9	341310.1	71626.9	0.0	108824.6
GCEC 7							
	+3						
	AKW * 10	229.3	251.8	249.8	0.0	177.3	178.3
		166.1	172.7	167.8	169.1	0.0	0.0
	+6						
	LSRF * 10	63255.6	88032.5	85786.2	0.0	35570.2	36455.3
		28125.5	31699.5	29612.8	29313.9	0.0	0.0
Daniel 1							
	+3						
	AKW * 10	223.2	319.0	238.0	230.2	272.5	313.8
		364.4	389.2	374.0	290.2	215.1	216.0
	+6						
	LSRF * 10	55388.6	119881.9	65861.7	59030.0	86218.2	111368.1
		143232.8	155178.8	146464.2	97879.0	52337.7	51913.2
Daniel 2							
	+3						
	AKW * 10	233.9	271.9	206.4	238.1	0.0	0.0
		0.0	0.0	0.0	263.6	246.8	228.9
	+6						
	LSRF * 10	66114.5	81691.9	47648.7	63441.0	0.0	0.0
		0.0	0.0	0.0	80145.5	78634.1	59971.8
Smith 3							
	+3						
	AKW * 10	609.5	544.4	596.7	550.3	570.4	573.0
		600.8	600.3	583.4	535.1	536.8	579.1
	+6						
	LSRF * 10	375133.6	305048.0	358630.2	317937.7	337865.4	338502.0
		365086.9	363579.5	347345.1	306159.7	305079.8	337188.5

Target Heat Rate Equations

Scherer 3 ANOHR = 10^6 / AKW * [572.88 + 102.03 * JUN + 51.97 * JUL - 132.02 * NOV]
+ 9,659

GCEC 7 ANOHR = 10^6 / AKW * [583.75 + 65.07 * JUN - 83.65 * OCT - 131.30 * NOV]
+ 8,467 + 0.00116 * LSRF / AKW

Daniel 1 ANOHR = 10^6 / AKW * [647.40 - 165.06 * FEB + 160.81 * MAR + 42.47 * JUN - 38.44 * OCT - 94.68 * NOV]
+ 7,789 + 0.00128 * LSRF / AKW

Daniel 2 ANOHR = 10^6 / AKW * [605.35 - 94.66 * MAR + 64.70 * APR]
+ 7,795 + 0.00183 * LSRF / AKW

Smith 3 ANOHR = 10^6 / AKW * [-39.78 - 44.42 * FEB - 102.83 * OCT]
+ 6,994

Where:	ANOHR	Average Net Operating Heat Rate, BTU/KWH
	AKW	Average Kilowatt Load, KW
	LSRF	Load Square Range Factor, KW^2
	JAN	January, 0 if not January, 1 if January
	FEB	February, 0 if not February, 1 if February
	MAR	March, 0 if not March, 1 if March
	APR	April, 0 if not April, 1 if April
	MAY	May, 0 if not May, 1 if May
	JUN	June, 0 if not June, 1 if June
	JUL	July, 0 if not July, 1 if July
	AUG	August, 0 if not August, 1 if August
	SEP	September, 0 if not September, 1 if September
	OCT	October, 0 if not October, 1 if October
	NOV	November, 0 if not November, 1 if November

Calculation of Heat Rate Points
for January 2021 - December 2021

(1)	(2)	(3)	(4)	(5)
Unit	Actual Average Net Operating Heat Rate Target*	Net Operating Heat Rate Adjusted to Target Basis**	Minimum Attainable Heat Rate*	Heat Rate Points***
Scherer 3	11,339	11,328	10,999	0.00
GCEC 7	10,882	11,236	10,556	-10.00
Daniel 1	10,650	10,787	10,331	-2.54
Daniel 2	10,334	10,614	10,024	-8.72
Smith 3	6,913	7,047	6,706	-4.47

* From page 5, Schedule 3 of Exhibit to Charles R. Rote's September 3, 2020 GPIF Testimony in Docket 20200001-EI.

** Refer to pages 7 through 11 of this Schedule for calculation.

*** If [(2) - 75] <= (3) <= [(2) + 75] then points = 0

$$\text{If } [\,(2)-(3)-75\,] > 0 \text{ then points} = \frac{(2)-(3)-75}{(2)-(4)-75} * 10$$

$$\text{If } [\,(2)-(3)+75\,] < 0 \text{ then points} = \frac{(2)-(3)+75}{(2)-(4)-75} * 10$$

IV. CALCULATION OF COMPANY GPIF POINTS AND REWARD/PENALTY

Calculation of Heat Rate Points

GPIF Points and Reward or Penalty

for January 2021 - December 2021

Unit	Availability Points	Availability* Weighting Factor	Heat Rate Points	Heat Rate* Weighting Factor
Scherer 3	-10.00	0.000	0.00	0.013
GCEC 7	-6.46	0.004	-10.00	0.122
Daniel 1	-10.00	0.000	-2.54	0.011
Daniel 2	-10.00	0.000	-8.72	0.048
Smith 3	-10.00	0.026	-4.47	0.776

Company GPIF Points = - 10.00 * 0.000 + 0.00 * 0.013
- 6.46 * 0.004 - 10.00 * 0.122
- 10.00 * 0.000 - 2.54 * 0.011
- 10.00 * 0.000 - 8.72 * 0.048
- 10.00 * 0.026 - 4.47 * 0.776

= -5.42

Company reward/penalty = -5.42 points * $213512 per point

= ($1,157,234)

* From page 5, Schedule 3 of Exhibit to Charles R. Rote's September 3, 2020 GPIF Testimony in Docket 20200001-EI.

V. GPIF MINIMUM FILING REQUIREMENTS FOR THE JANUARY 2021 - DECEMBER 2021 PERIOD

CONTENTS

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Generating Performance Incentive Factor

Actual Reward/Penalty Table

Gulf Power Company

Period of: January 2021 - December 2021

Generating Performance Incentive Factor Points	Fuel Saving/Loss ($000)	Generating Performance Incentive Factor ($000)
	Maximum Attainable Fuel Savings	Maximum Incentive Dollars Allowed by Commission During Period (Reward)
+ 10	4270	2135
+ 9	3843	1922
+ 8	3416	1708
+ 7	2989	1495
+ 6	2562	1281
+ 5	2135	1068
+ 4	1708	854
+ 3	1281	641
+ 2	854	427
+ 1	427	214
0	0	0
- 1	-430	-214
- 2	-860	-427
- 3	-1290	-641
- 4	-1719	-854
- 5	-2149	-1068
- 6	-2579	-1281
- 7	-3009	-1495
- 8	-3439	-1708
- 9	-3869	-1922
- 10	-4299	-2135
	Minimum Attainable Fuel Loss	Maximum Incentive Dollars Allowed by Commission During Period (Penalty)

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Generating Performance Incentive Factor

Calculation of Maximum Allowed Incentive Dollars

Actual

Gulf Power Company

Period of: January 2021 - December 2021

Line 1	Beginning of Period Balance of Common Equity	$2,800,445,687
	End of Month Balance of Common Equity:	
Line 2	Month of Jan '21	$2,855,222,756
Line 3	Month of Feb '21	$2,875,640,230
Line 4	Month of Mar '21	$2,892,360,390
Line 5	Month of Apr '21	$2,904,559,741
Line 6	Month of May '21	$2,924,277,055
Line 7	Month of Jun '21	$2,860,619,580
Line 8	Month of Jul '21	$2,892,225,053
Line 9	Month of Aug '21	$2,925,322,859
Line 10	Month of Sep '21	$2,951,560,110
Line 11	Month of Oct '21	$2,974,029,364
Line 12	Month of Nov '21	$2,993,111,950
Line 13	Month of Dec '21	$2,906,499,257
Line 14	Average Common Equity for the Period (sum of line 1 through line 13 divided by 13)	$2,904,298,002
Line 15	25 Basis Points	0.0025
Line 16	Revenue Expansion Factor	75.4472%
Line 17	Maximum Allowed Incentive Dollars (line 14 multiplied by line 15 divided by line 16 multiplied by 1.0)	$9,623,611
Line 18	Jurisdictional Sales (KWH)	10,658,599,473
Line 19	Total Territorial Sales (KWH)	10,955,246,385
Line 20	Jurisdictional Separation Factor (line 18 divided by line 19)	97.2922%
Line 21	Maximum Allowed Jurisdictional Incentive Dollars (line 17 multiplied by line 20)	$9,363,022
Line 22	Incentive Cap (50% of Projected Fuel Savings at 10 GPIF point level from sheet 7.383.9)	$2,135,118
Line 23	Maximum Allowed GPIF Reward (at 10 GPIF Pt. level) (The lesser of Line 21 and Line 22)	$2,135,118

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Calculation of System Actual GPIF Points

Gulf Power Company

Period of: January 2021 - December 2021

Plant & Unit	Performance Indicator (EAF or ANOHR)	Weighting Factor	Unit Points	Weighted Unit Points
Scherer 3	EAF3	0.0%	-10.00	0.000
Scherer 3	ANOHR3	1.3%	0.00	0.000
GCEC 7	EAF4	0.4%	-6.46	-0.026
GCEC 7	ANOHR4	12.2%	-10.00	-1.220
Daniel 1	EAF5	0.0%	-10.00	0.000
Daniel 1	ANOHR5	1.1%	-2.54	-0.028
Daniel 2	EAF6	0.0%	-10.00	0.000
Daniel 2	ANOHR6	4.8%	-8.72	-0.419
Smith 3	EAF7	2.6%	-10.00	-0.260
Smith 3	ANOHR7	77.6%	-4.47	-3.469
Gulf Power GPIF Total		100.0%		-5.42

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2021 - December 2021

Scherer 3

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	1	95.50	+ 10	57	10,999
+ 9	1	95.48	+ 9	51	11,026
+ 8	1	95.46	+ 8	45	11,052
+ 7	0	95.44	+ 7	40	11,079
+ 6	0	95.42	+ 6	34	11,105
+ 5	0	95.40	+ 5	28	11,132
+ 4	0	95.38	+ 4	23	11,158
+ 3	0	95.36	+ 3	17	11,185
+ 2	0	95.34	+ 2	11	11,211
+ 1	0	95.32	+ 1	6	11,238
				0	11,264
0	0	95.30	0	0	11,339
				0	11,414
- 1	(0)	95.24	- 1	(6)	11,441
- 2	(1)	95.18	- 2	(11)	11,467
- 3	(1)	95.12	- 3	(17)	11,494
- 4	(2)	95.06	- 4	(23)	11,520
- 5	(2)	95.00	- 5	(28)	11,547
- 6	(3)	94.94	- 6	(34)	11,573
- 7	(3)	94.88	- 7	(40)	11,600
- 8	(3)	94.82	- 8	(45)	11,626
- 9	(4)	94.76	- 9	(51)	11,653
- 10	(4)	94.70	- 10	(57)	11,679
Weighting Factor:		0.000	Weighting Factor:		0.013

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2021 - December 2021

GCEC 7

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	16	92.40	+ 10	519	10,556
+ 9	14	92.06	+ 9	467	10,581
+ 8	13	91.72	+ 8	415	10,606
+ 7	11	91.38	+ 7	363	10,631
+ 6	9	91.04	+ 6	311	10,656
+ 5	8	90.70	+ 5	259	10,682
+ 4	6	90.36	+ 4	207	10,707
+ 3	5	90.02	+ 3	156	10,732
+ 2	3	89.68	+ 2	104	10,757
+ 1	2	89.34	+ 1	52	10,782
				0	10,807
0	0	89.00	0	0	10,882
				0	10,957
- 1	(2)	88.52	- 1	(52)	10,982
- 2	(4)	88.04	- 2	(104)	11,007
- 3	(6)	87.56	- 3	(156)	11,032
- 4	(8)	87.08	- 4	(207)	11,057
- 5	(10)	86.60	- 5	(259)	11,083
- 6	(12)	86.12	- 6	(311)	11,108
- 7	(14)	85.64	- 7	(363)	11,133
- 8	(16)	85.16	- 8	(415)	11,158
- 9	(18)	84.68	- 9	(467)	11,183
- 10	(20)	84.20	- 10	(519)	11,208
Weighting Factor:		0.004	Weighting Factor:		0.122

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2021 - December 2021

Daniel 1

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	1	97.10	+ 10	45	10,331
+ 9	1	96.78	+ 9	40	10,355
+ 8	1	96.46	+ 8	36	10,380
+ 7	1	96.14	+ 7	31	10,404
+ 6	1	95.82	+ 6	27	10,429
+ 5	0	95.50	+ 5	22	10,453
+ 4	0	95.18	+ 4	18	10,477
+ 3	0	94.86	+ 3	13	10,502
+ 2	0	94.54	+ 2	9	10,526
+ 1	0	94.22	+ 1	4	10,551
				0	10,575
0	0	93.90	0	0	10,650
				0	10,725
- 1	(0)	93.90	- 1	(4)	10,750
- 2	(0)	93.90	- 2	(9)	10,774
- 3	(0)	93.90	- 3	(13)	10,799
- 4	(0)	93.90	- 4	(18)	10,823
- 5	(0)	93.90	- 5	(22)	10,848
- 6	(0)	93.90	- 6	(27)	10,872
- 7	(1)	93.90	- 7	(31)	10,897
- 8	(1)	93.90	- 8	(36)	10,921
- 9	(1)	93.90	- 9	(40)	10,946
- 10	(1)	93.90	- 10	(45)	10,970
Weighting Factor:		0.000	Weighting Factor:		0.011

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2021 - December 2021

Daniel 2

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	2	94.80	+ 10	205	10,024
+ 9	2	94.66	+ 9	184	10,048
+ 8	2	94.52	+ 8	164	10,071
+ 7	1	94.38	+ 7	143	10,095
+ 6	1	94.24	+ 6	123	10,118
+ 5	1	94.10	+ 5	102	10,142
+ 4	1	93.96	+ 4	82	10,165
+ 3	1	93.82	+ 3	61	10,189
+ 2	0	93.68	+ 2	41	10,212
+ 1	0	93.54	+ 1	20	10,236
				0	10,259
0	0	93.40	0	0	10,334
				0	10,409
- 1	(0)	92.99	- 1	(20)	10,433
- 2	(1)	92.58	- 2	(41)	10,456
- 3	(1)	92.17	- 3	(61)	10,480
- 4	(2)	91.76	- 4	(82)	10,503
- 5	(2)	91.35	- 5	(102)	10,527
- 6	(3)	90.94	- 6	(123)	10,550
- 7	(3)	90.53	- 7	(143)	10,574
- 8	(4)	90.12	- 8	(164)	10,597
- 9	(4)	89.71	- 9	(184)	10,621
- 10	(5)	89.30	- 10	(205)	10,644
Weighting Factor:		0.000	Weighting Factor:		0.048

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2021 - December 2021

Smith 3

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	110	92.30	+ 10	3,315	6,706
+ 9	99	92.19	+ 9	2,984	6,719
+ 8	88	92.08	+ 8	2,652	6,732
+ 7	77	91.97	+ 7	2,321	6,746
+ 6	66	91.86	+ 6	1,989	6,759
+ 5	55	91.75	+ 5	1,658	6,772
+ 4	44	91.64	+ 4	1,326	6,785
+ 3	33	91.53	+ 3	995	6,798
+ 2	22	91.42	+ 2	663	6,812
+ 1	11	91.31	+ 1	332	6,825
				0	6,838
0	0	91.20	0	0	6,913
				0	6,988
- 1	(13)	91.02	- 1	(332)	7,001
- 2	(26)	90.84	- 2	(663)	7,014
- 3	(39)	90.66	- 3	(995)	7,028
- 4	(51)	90.48	- 4	(1,326)	7,041
- 5	(64)	90.30	- 5	(1,658)	7,054
- 6	(77)	90.12	- 6	(1,989)	7,067
- 7	(90)	89.94	- 7	(2,321)	7,080
- 8	(103)	89.76	- 8	(2,652)	7,094
- 9	(116)	89.58	- 9	(2,984)	7,107
- 10	(129)	89.40	- 10	(3,315)	7,120
Weighting Factor:		0.026	Weighting Factor:		0.776

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GPIF Unit Performance Summary

Gulf Power Company

Period of: January 2021 - December 2021

Plant & Unit	Weighting Factor %	EAF Target %	EAF Range Max %	EAF Range Min %	Max Fuel Savings ($000)	Max Fuel Loss ($000)	EAF Adjusted Actual %	Actual Fuel Savings/ Loss ($000)
Scherer 3	0.0	95.3	95.5	94.7	$1	($4)	92.4	($4)
GCEC 7	0.4	89.0	92.4	84.2	$16	($20)	85.9	($13)
Daniel 1	0.0	93.9	97.1	93.9	$1	($1)	89.7	($1)
Daniel 2	0.0	93.4	94.8	89.3	$2	($5)	45.6	($5)
Smith 3	2.6	91.2	92.3	89.4	$110	($129)	88.3	($129)
Total:	3.0							-151.325

Plant & Unit	Weighting Factor %	ANOHR Target BTU/KWH	Target NOF	ANOHR Range Max BTU/KWH	ANOHR Range Min BTU/KWH	Max Fuel Savings ($000)	Max Fuel Loss ($000)	ANOHR Adjusted Actual BTU/KWH	Actual Fuel Savings/ Loss ($000)
Scherer 3	1.3	11,339	41.6	11,679	10,999	$57	($57)	11,328	$0
GCEC 7	12.2	10,882	57.3	11,208	10,556	$519	($519)	11,236	($519)
Daniel 1	1.1	10,650	54.1	10,970	10,331	$45	($45)	10,787	($11)
Daniel 2	4.8	10,334	64.1	10,644	10,024	$205	($205)	10,614	($178)
Smith 3	77.6	6,913	95.9	7,120	6,706	$3,315	($3,315)	7,047	($1,482)
Total:	97.0								(2,190.489)

Issued by: Florida Power & Light

Actual Unit Performance Data

Gulf Power Company

Period of: January 2021 - December 2021

Plant & Unit	Actual EAF %	Adjustments* to EAF %	Adjusted Actual %
Scherer 3	90.2	2.2	92.4
GCEC 7	79.3	6.6	85.9
Daniel 1	83.0	6.7	89.7
Daniel 2	40.1	5.5	45.6
Smith 3	92.8	-4.5	88.3

Plant & Unit	Actual ANOHR BTU/KWH	Adjustments** to ANOHR BTU/KWH	ANOHR Adjusted Actual BTU/KWH
Scherer 3	10,912	416	11,328
GCEC 7	11,877	-641	11,236
Daniel 1	10,589	198	10,787
Daniel 2	11,050	-436	10,614
Smith 3	7,036	11	7,047

* Refer to pages 3 through 7, Schedule 2.

** Refer to pages 7 through 11, Schedule 3.

Issued by: Florida Power & Light

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2021 - December 2021

	SCHERER 3	Jan '21	Feb '21	Mar '21	Apr '21	May '21	Jun '21	
1.	EAF (%)	100.0	100.0	61.2	93.3	100.0	99.9	
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
3.	SH	0.0	275.5	0.0	0.0	178.9	523.4	
4.	RSH	744.0	396.5	455.0	672.0	565.1	196.6	
5.	UH	0.0	0.0	288.0	48.0	0.0	0.0	
6.	POH	0.0	0.0	288.0	48.0	0.0	0.0	
7.	FOH	0.0	0.0	0.0	0.0	0.0	0.0	
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	
9.	PFOH	0.0	0.0	0.0	0.0	0.0	23.2	
10.	LR pf (MW)	0.0	0.0	0.0	0.0	0.0	28.0	
11.	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	
13.	NSC (MW)	865.0	865.0	865.0	865.0	865.0	865.0	
14.	Oper MBtu	0	1,457,366	0	0	633,526	2,114,063	
15.	Net Gen (MWH)	0	136,877	0	0	52,624	183,184	
16.	ANOHR (Btu/KWH)	0	10,647	0	0	12,039	11,541	
17.	NOF %	0.0	57.4	0.0	0.0	34.0	40.5	
18.	NPC (MW)	865.0	865.0	865.0	865.0	865.0	865.0	

19.	ANOHR Equation	10^6 / AKW * [572.88 + 102.03 * JUN + 51.97 * JUL - 132.02 * NOV] + 9,659

Issued by: Florida Power & Light

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2021 - December 2021

	SCHERER 3	Jul '21	Aug '21	Sep '21	Oct '21	Nov '21	Dec '21	Total
1.	EAF (%)	99.2	96.4	100.0	71.0	100.0	63.4	90.2
2.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3.	SH	744.0	744.0	577.8	23.0	721.0	193.3	3981.0
4.	RSH	0.0	0.0	142.2	505.4	0.0	278.3	3955.0
5.	UH	0.0	0.0	0.0	215.6	0.0	272.4	824.0
6.	POH	0.0	0.0	0.0	96.0	0.0	0.0	432.0
7.	FOH	0.0	0.0	0.0	0.0	0.0	188.3	188.3
8.	MOH	0.0	0.0	0.0	119.6	0.0	84.2	203.7
9.	PFOH	48.0	46.6	0.0	0.0	0.0	0.0	117.8
10.	LR pf (MW)	104.2	498.9	0.0	0.0	0.0	0.0	245.2
11.	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.	NSC (MW)	865.0	865.0	865.0	865.0	865.0	865.0	865.0
14.	Oper MBtu	3,993,560	4,416,417	3,175,811	73	0	781,274	16,572,091
15.	Net Gen (MWH)	370,305	410,912	298,572	6,047	0	60,227	1,518,748
16.	ANOHR (Btu/KWH)	10,785	10,748	10,637	12	0	12,972	10,912
17.	NOF %	57.5	63.8	59.7	30.4	0.0	36.0	44.1
18.	NPC (MW)	865.0	865.0	865.0	865.0	865.0	865.0	865.0

19.	ANOHR Equation	10^6 / AKW * [572.88 + 102.03 * JUN + 51.97 * JUL - 132.02 * NOV] + 9,659

Issued by: Florida Power & Light

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2021 - December 2021

	GCEC 7	Jan '21	Feb '21	Mar '21	Apr '21	May '21	Jun '21	
1.	EAF (%)	59.5	95.1	96.0	47.3	23.4	100.0	
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
3.	SH	442.3	645.3	284.6	0.0	97.5	416.7	
4.	RSH	0.0	0.0	428.4	340.6	76.4	303.3	
5.	UH	301.7	26.7	30.0	379.4	570.2	0.0	
6.	POH	0.0	0.0	0.0	240.4	570.2	0.0	
7.	FOH	232.3	4.3	0.0	0.0	0.0	0.0	
8.	MOH	69.4	22.4	30.0	139.0	0.0	0.0	
9.	PFOH	0.0	0.0	0.0	0.0	0.0	0.0	
10.	LR pf (MW)	0.0	0.0	0.0	0.0	0.0	0.0	
11.	PMOH	0.0	11.5	0.0	0.0	0.0	0.0	
12.	LR pm (MW)	0.0	246.0	0.0	0.0	0.0	0.0	
13.	NSC (MW)	475.0	475.0	475.0	475.0	475.0	475.0	
14.	Oper MBtu	1,146,739	1,825,661	803,639	0	204,938	898,766	
15.	Net Gen (MWH)	101,416	162,493	71,090	0	17,285	74,309	
16.	ANOHR (Btu/KWH)	11,307	11,235	11,305	0	11,856	12,095	
17.	NOF %	48.3	53.0	52.6	0.0	37.3	37.5	
18.	NPC (MW)	475.0	475.0	475.0	475.0	475.0	475.0	

19.	ANOHR Equation	10^6 / AKW * [583.75 + 65.07 * JUN - 83.65 * OCT - 131.30 * NOV] + 8,467 + 0.00116 * LSRF / AKW

Issued by: Florida Power & Light

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2021 - December 2021

	GCEC 7	Jul '21	Aug '21	Sep '21	Oct '21	Nov '21	Dec '21	Total
1.	EAF (%)	98.3	95.4	87.3	100.0	50.0	100.0	79.3
2.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3.	SH	731.6	740.0	568.5	384.7	0.0	0.0	4311.1
4.	RSH	0.0	0.0	67.5	359.3	360.4	744.0	2679.9
5.	UH	12.4	4.1	84.0	0.0	360.6	0.0	1769.0
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	810.6
7.	FOH	12.4	4.1	0.0	0.0	0.0	0.0	253.0
8.	MOH	0.0	0.0	84.0	0.0	360.6	0.0	705.4
9.	PFOH	0.0	58.5	22.5	0.0	0.0	0.0	81.1
10.	LR pf (MW)	0.0	243.5	162.0	0.0	0.0	0.0	220.9
11.	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	11.5
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	246.0
13.	NSC (MW)	475.0	475.0	475.0	475.0	475.0	475.0	475.0
14.	Oper MBtu	1,505,611	1,569,048	1,173,108	805,085	0	0	9,932,595
15.	Net Gen (MWH)	121,497	127,799	95,367	65,044	0	0	836,300
16.	ANOHR (Btu/KWH)	12,392	12,277	12,301	12,378	0	0	11,877
17.	NOF %	35.0	36.4	35.3	35.6	0.0	0.0	40.8
18.	NPC (MW)	475.0	475.0	475.0	475.0	475.0	475.0	475.0

19.	ANOHR Equation	10^6 / AKW * [583.75 + 65.07 * JUN - 83.65 * OCT - 131.30 * NOV] + 8,467 + 0.00116 * LSRF / AKW

Issued by: Florida Power & Light

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2021 - December 2021

	DANIEL 1	Jan '21	Feb '21	Mar '21	Apr '21	May '21	Jun '21	
1.	EAF (%)	87.3	78.3	78.1	84.7	69.8	85.4	
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
3.	SH	744.0	469.1	360.6	720.0	696.7	720.0	
4.	RSH	0.0	99.3	275.3	0.0	0.0	0.0	
5.	UH	0.0	103.6	107.2	0.0	47.3	0.0	
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	
7.	FOH	0.0	69.4	26.0	0.0	0.0	0.0	
8.	MOH	0.0	34.2	81.2	0.0	47.3	0.0	
9.	PFOH	0.0	0.0	0.0	0.0	102.3	0.0	
10.	LR pf (MW)	0.0	0.0	0.0	0.0	470.0	0.0	
11.	PMOH	617.0	277.1	360.3	720.0	534.5	684.0	
12.	LR pm (MW)	77.0	77.0	77.0	77.0	77.0	77.0	
13.	NSC (MW)	502.0	502.0	502.0	502.0	502.0	502.0	
14.	Oper MBtu	1,820,507	1,526,209	966,604	1,849,597	2,029,907	2,379,905	
15.	Net Gen (MWH)	166,061	149,661	85,838	165,737	189,875	225,915	
16.	ANOHR (Btu/KWH)	10,963	10,198	11,261	11,160	10,691	10,535	
17.	NOF %	44.5	63.6	47.4	45.9	54.3	62.5	
18.	NPC (MW)	502.0	502.0	502.0	502.0	502.0	502.0	

19.	ANOHR Equation	10^6 / AKW * [647.40 - 165.06 * FEB + 160.81 * MAR + 42.47 * JUN - 38.44 * OCT - 94.68 * NOV] + 7,789 + 0.00128 * LSRF / AKW

Issued by: Florida Power & Light

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2021 - December 2021

	DANIEL 1	Jul '21	Aug '21	Sep '21	Oct '21	Nov '21	Dec '21	Total
1.	EAF (%)	80.4	83.6	70.1	89.8	91.2	96.5	83.0
2.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3.	SH	706.7	744.0	505.0	350.5	415.6	167.5	6599.6
4.	RSH	0.0	0.0	0.0	385.0	305.4	576.6	1641.5
5.	UH	37.3	0.0	215.0	8.5	0.0	0.0	518.9
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.	FOH	0.0	0.0	0.0	0.0	0.0	0.0	95.4
8.	MOH	37.3	0.0	215.0	8.5	0.0	0.0	423.5
9.	PFOH	0.0	60.3	0.0	0.0	0.0	0.0	162.5
10.	LR pf (MW)	0.0	99.3	0.0	0.0	0.0	0.0	332.5
11.	PMOH	706.5	715.1	504.6	350.1	415.2	167.5	6051.9
12.	LR pm (MW)	77.0	77.2	0.0	96.7	77.0	77.0	71.7
13.	NSC (MW)	502.0	502.0	502.0	502.0	502.0	502.0	502.0
14.	Oper MBtu	2,606,319	2,929,314	1,987,244	1,097,937	1,009,634	406,658	20,609,836
15.	Net Gen (MWH)	257,511	289,538	188,853	101,703	89,396	36,174	1,946,262
16.	ANOHR (Btu/KWH)	10,121	10,117	10,523	10,796	11,294	11,242	10,589
17.	NOF %	72.6	77.5	74.5	57.8	42.8	43.0	58.7
18.	NPC (MW)	502.0	502.0	502.0	502.0	502.0	502.0	502.0
19.	ANOHR Equation	10^6 / AKW * [647.40 - 165.06 * FEB + 160.81 * MAR + 42.47 * JUN - 38.44 * OCT - 94.68 * NOV] + 7,789 + 0.00128 * LSRF / AKW						

Issued by: Florida Power & Light

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2021 - December 2021

	DANIEL 2	Jan '21	Feb '21	Mar '21	Apr '21	May '21	Jun '21	
1.	EAF (%)	90.5	63.7	84.7	69.6	0.0	0.0	
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
3.	SH	587.5	454.4	743.0	591.5	0.0	0.0	
4.	RSH	156.5	72.3	0.0	0.0	0.0	0.0	
5.	UH	0.0	145.4	0.0	128.5	744.0	720.0	
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	
7.	FOH	0.0	4.3	0.0	128.5	744.0	720.0	
8.	MOH	0.0	141.1	0.0	0.0	0.0	0.0	
9.	PFOH	0.0	158.4	0.0	0.0	0.0	0.0	
10.	LR pf (MW)	0.0	202.0	0.0	0.0	0.0	0.0	
11.	PMOH	460.2	229.2	743.0	591.5	0.0	0.0	
12.	LR pm (MW)	77.0	77.0	77.0	77.0	0.0	0.0	
13.	NSC (MW)	502.0	502.0	502.0	502.0	502.0	502.0	
14.	Oper MBtu	1,481,583	1,331,250	1,782,757	1,554,185	0	0	
15.	Net Gen (MWH)	137,449	123,560	153,339	140,855	0	0	
16.	ANOHR (Btu/KWH)	10,779	10,774	11,626	11,034	0	0	
17.	NOF %	46.6	54.2	41.1	47.4	0.0	0.0	
18.	NPC (MW)	502.0	502.0	502.0	502.0	502.0	502.0	

19.	ANOHR Equation	10^6 / AKW * [605.35 - 94.66 * MAR + 64.70 * APR] + 7,795 + 0.00183 * LSRF / AKW

Issued by: Florida Power & Light

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2021 - December 2021

	DANIEL 2	Jul '21	Aug '21	Sep '21	Oct '21	Nov '21	Dec '21	Total
1.	EAF (%)	0.0	0.0	-3.3	35.9	56.5	84.7	40.1
2.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3.	SH	0.0	0.0	-103.0	315.6	292.7	744.0	3625.6
4.	RSH	0.0	0.0	79.0	0.0	155.1	0.0	462.8
5.	UH	744.0	744.0	744.0	428.4	273.3	0.0	4671.6
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.	FOH	744.0	744.0	744.0	428.4	0.0	0.0	4257.3
8.	MOH	0.0	0.0	0.0	0.0	273.3	0.0	414.3
9.	PFOH	0.0	0.0	0.0	0.0	0.0	0.0	158.4
10.	LR pf (MW)	0.0	0.0	0.0	0.0	0.0	0.0	202.0
11.	PMOH	0.0	0.0	0.0	315.2	264.4	744.0	3347.4
12.	LR pm (MW)	0.0	0.0	0.0	77.0	77.0	77.0	77.0
13.	NSC (MW)	502.0	502.0	502.0	502.0	502.0	502.0	502.0
14.	Oper MBtu	0	0	0	880,221	817,713	1,886,183	9,733,892
15.	Net Gen (MWH)	0	0	0	83,189	72,231	170,299	880,922
16.	ANOHR (Btu/KWH)	0	0	0	10,581	11,321	11,076	11,050
17.	NOF %	0.0	0.0	0.0	52.5	49.2	45.6	48.4
18.	NPC (MW)	502.0	502.0	502.0	502.0	502.0	502.0	502.0

19.	ANOHR Equation	10^6 / AKW * [605.35 - 94.66 * MAR + 64.70 * APR] + 7,795 + 0.00183 * LSRF / AKW

Issued by: Florida Power & Light

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2021 - December 2021

	SMITH 3	Jan '21	Feb '21	Mar '21	Apr '21	May '21	Jun '21	
1.	EAF (%)	99.6	100.0	100.0	63.7	100.0	99.0	
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
3.	SH	744.0	672.0	743.0	493.5	744.0	720.0	
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	
5.	UH	0.0	0.0	0.0	226.5	0.0	0.0	
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	
7.	FOH	0.0	0.0	0.0	0.0	0.0	0.0	
8.	MOH	0.0	0.0	0.0	226.5	0.0	0.0	
9.	PFOH	14.7	0.0	0.0	4.5	0.0	0.0	
10.	LR pf (MW)	117.0	0.0	0.0	117.0	0.0	0.0	
11.	PMOH	0.0	0.0	0.0	70.1	0.0	43.6	
12.	LR pm (MW)	0.0	0.0	0.0	322.0	0.0	114.0	
13.	NSC (MW)	650.0	650.0	664.0	664.0	664.0	668.0	
14.	Oper MBtu	3,153,848	2,568,727	3,089,337	1,890,858	2,978,365	2,919,792	
15.	Net Gen (MWH)	453,491	365,828	443,343	271,552	424,394	412,594	
16.	ANOHR (Btu/KWH)	6,955	7,022	6,968	6,963	7,018	7,077	
17.	NOF %	93.8	83.8	89.9	82.9	85.9	85.8	
18.	NPC (MW)	650.0	650.0	664.0	664.0	664.0	668.0	

19.	ANOHR Equation	10^6 / AKW * [-39.78 - 44.42 * FEB - 102.83 * OCT] + 6,994

Issued by: Florida Power & Light

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2021 - December 2021

	SMITH 3	Jul '21	Aug '21	Sep '21	Oct '21	Nov '21	Dec '21	Total
1.	EAF (%)	100.0	100.0	100.0	97.7	98.1	56.3	92.8
2.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3.	SH	744.0	744.0	720.0	744.0	721.0	418.5	8208.0
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	UH	0.0	0.0	0.0	0.0	0.0	325.5	552.0
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.	FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	MOH	0.0	0.0	0.0	0.0	0.0	325.5	552.0
9.	PFOH	0.0	0.0	0.0	0.0	0.0	0.0	19.2
10.	LR pf (MW)	0.0	0.0	0.0	0.0	0.0	0.0	117.0
11.	PMOH	0.0	0.0	0.0	98.2	81.1	0.0	293.0
12.	LR pm (MW)	0.0	0.0	0.0	114.0	114.0	0.0	163.8
13.	NSC (MW)	668.0	668.0	668.0	664.0	664.0	650.0	661.8
14.	Oper MBtu	3,172,141	3,174,719	2,973,924	2,825,612	2,695,743	1,714,891	33,157,957
15.	Net Gen (MWH)	447,017	446,592	420,046	398,108	387,064	242,374	4,712,403
16.	ANOHR (Btu/KWH)	7,096	7,109	7,080	7,098	6,965	7,075	7,036
17.	NOF %	89.9	89.9	87.3	80.6	80.8	89.1	86.7
18.	NPC (MW)	668.0	668.0	668.0	664.0	664.0	650.0	661.8

19.	ANOHR Equation	10^6 / AKW * [-39.78 - 44.42 * FEB - 102.83 * OCT] + 6,994

Issued by: Florida Power & Light

Planned Outage Schedules (Actual)

Period of: January 2021 - December 2021

Critical path bar charts of actual work activity performed during major planned outages are not shown here since corresponding bar charts of forecast work activity were not provided earlier in conformance with agreement with Staff to avoid the premature production of charts prior to their normal course of development. Forecast and actual critical path bar charts are developed for each planned outage and, per agreement with Staff, these charts will be provided on request.

Issued by: Florida Power & Light

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 27
PARTY: CRR-3
DESCRIPTION: Generating Performance Incentive Factor Performance Targets for January 2023 through December 2023

WITNESS: CHARLES R. ROTE

GENERATING PERFORMANCE INCENTIVE FACTOR

JANUARY THROUGH DECEMBER, 2023

SEPTEMBER 2, 2022

EXHIBIT INDEX

CONSOLIDATED FLORIDA POWER & LIGHT COMPANY

JANUARY THROUGH DECEMBER, 2023

EXHIBIT	PAGE NUMBER	TITLE
CRR-3	7.201.001	Exhibit Index
	7.201.002	Projected System Generation
	7.201.003	Units Used to Determine GPIF
	7.201.004	GPIF Reward/Penalty Table (Estimated)
	7.201.005	GPIF Calculation of Maximum Allowed Incentive Dollars (Estimated)
	7.201.006 and 7.201.007	GPIF Target and Range Summary
	7.201.008	GPIF Projected Unit Heat Rate Equations
	7.201.009	Derivation of Weighting Factors
	7.201.010 - 7.201.024	Estimated Unit Performance Data
	7.201.025 - 7.201.039	Unit FOF and MOF vs Time Graphs
	7.201.040	Planned Outages Schedule (Estimated)

Consolidated Florida Power & Light Projected System Generation
January Through December, 2023

Name	Capacity (MW)	Service Hours	Net Output MWH	NOF %	% of Total Output	Cumulative % of Total Output	Production Cost ($000)
Okeechobee 1	1,570	8,760	11,051,934	80.4	8.1	8.1	428,493
Fort Myers 2	1,700	8,760	8,624,037	57.9	6.3	14.4	366,790
St. Lucie 1	981	8,760	8,456,261	98.4	6.2	20.7	40,538
West County 2	1,223	8,760	7,938,273	74.1	5.8	26.5	306,717
Port Everglades 5	1,254	7,992	7,324,554	73.1	5.4	31.9	265,532
Manatee 3	1,223	7,810	6,756,630	70.7	5.0	36.8	267,948
St. Lucie 2	840	7,992	6,601,190	98.3	4.8	41.7	29,893
Turkey Point 3	837	7,944	6,560,637	98.7	4.8	46.5	36,068
Turkey Point 4	844	7,848	6,532,765	98.6	4.8	51.3	35,198
Riviera 5	1,308	8,760	6,524,032	56.9	4.8	56.1	265,250
West County 1	1,223	8,280	6,341,125	62.6	4.7	60.7	244,649
West County 3	1,228	7,032	6,302,937	73.0	4.6	65.4	240,136
Dania Beach 7	1,101	8,040	5,899,353	66.6	4.3	69.7	223,071
Martin 8	1,218	6,883	5,646,759	67.4	4.1	73.8	222,401
Cape Canaveral 3	1,308	8,760	4,961,146	43.3	3.6	77.5	199,205
Turkey Point 5	1,256	7,615	4,937,416	51.6	3.6	81.1	200,093
Sanford 5	1,135	8,760	4,871,758	49.0	3.6	84.7	203,343
Sanford 4	1,135	5,107	3,132,271	54.0	2.3	87.0	123,459
Smith 3	644	5,908	2,425,955	63.8	1.8	88.8	101,486
Martin 3	459	7,427	1,919,077	56.3	1.4	90.2	83,402
Martin 4	459	5,664	1,531,656	58.9	1.1	91.3	61,279
Scherer 3	215	7,070	834,880	54.9	0.6	91.9	32,016
GCEC 7	496	926	246,947	53.8	0.2	92.1	15,670
Southfork PV Solar	74.5	4,443	184,148	55.6	0.1	92.2	0
Echo River PV Solar	74.5	4,412	179,555	54.6	0.1	92.4	0
Blue Indigo PV Solar	74.5	4,439	176,591	53.4	0.1	92.5	0
Babcock Preserve PV Solar	74.5	4,443	169,039	51.1	0.1	92.6	0
Elder Branch PV Solar	74.5	4,474	168,091	50.4	0.1	92.7	0
Wild Azalea PV Solar	74.5	4,540	166,917	49.4	0.1	92.9	0
Shirer Branch PV Solar	74.5	4,540	166,562	49.2	0.1	93.0	0
Chautauqua PV Solar	74.5	4,540	166,556	49.2	0.1	93.1	0
Barefoot Bay PV Solar	74.5	4,444	165,853	50.1	0.1	93.2	0
Blue Heron PV Solar	74.5	4,413	165,538	50.4	0.1	93.3	0
Manatee PV Solar	74.5	4,412	164,524	50.1	0.1	93.5	0
Hibiscus PV Solar	74.5	4,444	162,959	49.2	0.1	93.6	0
Twin Lakes PV Solar	74.5	4,351	161,134	49.7	0.1	93.7	0
Rodeo PV Solar	74.5	4,413	160,943	49.0	0.1	93.8	0
Hammock PV Solar	74.5	4,443	160,892	48.6	0.1	93.9	0
Citrus PV Solar	74.5	4,471	160,805	48.3	0.1	94.1	0
Babcock Ranch PV Solar	74.5	4,443	160,757	48.6	0.1	94.2	0
Horizon PV Solar	74.5	4,443	160,747	48.6	0.1	94.3	0
Wildflower PV Solar	74.5	4,443	160,542	48.5	0.1	94.4	0
Indian River PV Solar	74.5	4,444	160,154	48.4	0.1	94.5	0
Coral Farms PV Solar	74.5	4,443	159,932	48.3	0.1	94.6	0
Blue Cypress PV Solar	74.5	4,444	159,821	48.3	0.1	94.8	0
Loggerhead PV Solar	74.5	4,504	159,430	47.5	0.1	94.9	0
Willow PV Solar	74.5	4,443	158,961	48.0	0.1	95.0	0
Miami-Dade PV Solar	74.5	4,444	158,496	47.9	0.1	95.1	0
Okeechobee PV Solar	74.5	4,321	158,400	49.2	0.1	95.2	0
Cattle Ranch PV Solar	74.5	4,443	156,162	47.2	0.1	95.3	0
Interstate PV Solar	74.5	4,413	155,988	47.4	0.1	95.5	0
Trailside PV Solar	74.5	4,321	155,857	48.4	0.1	95.6	0
Pioneer Trail PV Solar	74.5	4,413	155,543	47.3	0.1	95.7	0
Blue Springs PV Solar	74.5	4,442	155,289	46.9	0.1	95.8	0
Palm Bay PV Solar	74.5	4,321	154,670	48.0	0.1	95.9	0
Magnolia Springs PV Solar	74.5	4,474	154,180	46.3	0.1	96.0	0
Sabal Palm PV Solar	74.5	4,290	154,139	48.2	0.1	96.1	0
Union Springs PV Solar	74.5	4,412	154,034	46.9	0.1	96.3	0
Pelican PV Solar	74.5	4,321	153,749	47.8	0.1	96.4	0
Immokalee PV Solar	74.5	4,413	153,706	46.8	0.1	96.5	0
Sunshine Gateway PV Solar	74.5	4,412	153,617	46.7	0.1	96.6	0
Lakeside PV Solar	74.5	4,321	153,615	47.7	0.1	96.7	0
Apalachee PV Solar	74.5	4,417	153,562	46.7	0.1	96.8	0
Orange Blossom PV Solar	74.5	4,321	153,507	47.7	0.1	96.9	0
Egret PV Solar	74.5	4,443	153,118	46.3	0.1	97.0	0
Cavendish PV Solar	74.5	4,388	152,173	46.5	0.1	97.2	0
Chipola River PV Solar	74.5	4,417	151,735	46.1	0.1	97.3	0
Cotton Creek PV Solar	74.5	4,381	149,682	45.9	0.1	97.4	0
Ghost Orchid PV Solar	74.5	4,413	148,571	45.2	0.1	97.5	0
Sundew PV Solar	74.5	4,413	148,068	45.0	0.1	97.6	0
Grove PV Solar	74.5	4,413	147,315	44.8	0.1	97.7	0
Nassau PV Solar	74.5	4,412	147,272	44.8	0.1	97.8	0
Sawgrass PV Solar	74.5	4,413	147,108	44.7	0.1	97.9	0
Fort Drum PV Solar	74.5	4,321	146,154	45.4	0.1	98.0	0
Sweetbay PV Solar	74.5	4,383	142,075	43.5	0.1	98.1	0
Discovery PV Solar	74.5	4,290	140,249	43.9	0.1	98.2	0
Everglades PV Solar	74.5	4,296	140,226	43.8	0.1	98.3	0
Flowers Creek PV Solar	74.5	4,417	137,621	41.8	0.1	98.4	0
Pink Trail PV Solar	74.5	4,536	137,317	40.6	0.1	98.5	0
Bluefield Preserve PV Solar	74.5	4,416	136,300	41.4	0.1	98.6	0
Blackwater River PV Solar	74.5	4,448	135,036	40.8	0.1	98.7	0
GCEC 8A	233	906	134,576	63.8	0.1	98.8	9,252
Northern Preserve PV Solar	74.5	4,381	134,331	41.2	0.1	98.9	0
First City PV Solar	74.5	4,325	133,131	41.3	0.1	99.0	0
Anhinga PV Solar	74.5	4,427	129,950	39.4	0.1	99.1	0
GCEC 8B	233	883	124,289	60.4	0.1	99.2	8,614
Saw Palmetto PV Solar	74.5	2,858	102,763	48.3	0.1	99.3	0
Cypress Pond PV Solar	74.5	2,858	101,412	47.6	0.1	99.4	0
Etonia Creek PV Solar	74.5	2,950	98,333	44.7	0.1	99.4	0
GCEC 8C	228	527	88,319	73.5	0.1	99.5	5,660
GCEC 8D	228	498	83,580	73.6	0.1	99.6	5,399
Fort Myers 3C	219	426	83,518	89.5	0.1	99.6	5,469
Fort Myers 3D	219	408	80,280	89.8	0.1	99.7	5,448
GCEC 6	315	408	72,778	56.6	0.1	99.7	5,342
Desoto PV Solar	25	4,382	46,379	42.3	0.0	99.8	0
Lauderdale 6A	216	211	38,502	84.5	0.0	99.8	2,981
Lauderdale 6B	216	203	35,983	82.1	0.0	99.8	3,379
Lauderdale 6D	216	164	29,712	83.9	0.0	99.9	2,517
Lauderdale 6E	216	162	28,913	82.6	0.0	99.9	2,219
Lauderdale 6C	216	168	28,785	79.3	0.0	99.9	2,923
Daniel 1	251	264	25,958	39.2	0.0	99.9	1,787
Perdido	3	8,760	22,337	85.0	0.0	99.9	877
Fort Myers 3A	166	143	21,959	92.5	0.0	99.9	1,780
Fort Myers 3B	166	132	20,313	92.7	0.0	100.0	1,487
GCEC 5	75	398	19,220	64.4	0.0	100.0	1,158
Space Coast PV Solar	10	3,894	17,130	44.0	0.0	100.0	0
Daniel 2	251	96	9,467	39.3	0.0	100.0	685
GCEC 4	75	144	6,048	56.0	0.0	100.0	393
Pea Ridge	12	69	876	105.8	0.0	100.0	193
Smith A	32	-	-	0.0	0.0	100.0	0
Total	**32,246**		**136,195,420**		**100.0**		**4,060,197**

UNITS TO BE USED TO DETERMINE THE GENERATING PERFORMANCE INCENTIVE FACTOR

CONSOLIDATED FLORIDA POWER & LIGHT COMPANY JANUARY THROUGH DECEMBER, 2023

Cape Canaveral 3

Fort Myers 2

Manatee 3

Martin 8

Okeechobee 1

Port Everglades 5

Riviera 5

St. Lucie 1

St. Lucie 2

Turkey Point 3

Turkey Point 4

Turkey Point 5

West County 1

West County 2

West County 3

GENERATING PERFORMANCE INCENTIVE FACTOR

REWARD/PENALTY TABLE (ESTIMATED)

CONSOLIDATED FLORIDA POWER & LIGHT COMPANY
JANUARY THROUGH DECEMBER, 2023

Generating Performance Incentive Points (GPIF)	Fuel Savings/(Loss) ($000)	Generating Performance Incentive Factor ($000)
+ 10	91,891	45,946
+ 9	82,702	41,351
+ 8	73,513	36,756
+ 7	64,324	32,162
+ 6	55,135	27,567
+ 5	45,946	22,973
+ 4	36,756	18,378
+ 3	27,567	13,784
+ 2	18,378	9,189
+ 1	9,189	4,595
0	0	0
- 1	(9,189)	(4,595)
- 2	(18,378)	(9,189)
- 3	(27,567)	(13,784)
- 4	(36,756)	(18,378)
- 5	(45,946)	(22,973)
- 6	(55,135)	(27,567)
- 7	(64,324)	(32,162)
- 8	(73,513)	(36,756)
- 9	(82,702)	(41,351)
- 10	(91,891)	(45,946)

Original Sheet No. 7.201.005

GENERATING PERFORMANCE INCENTIVE FACTOR

CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS (ESTIMATED)

CONSOLIDATED FLORIDA POWER & LIGHT COMPANY
PERIOD OF: JANUARY THROUGH DECEMBER, 2023

LINE 1	BEGINNING OF PERIOD BALANCE OF COMMON EQUITY END OF MONTH BALANCE OF COMMON EQUITY		$	34,750,363,477	
LINE 2	MONTH OF JANUARY	2023	$	34,506,643,022	
LINE 3	MONTH OF FEBRUARY	2023	$	34,838,395,760	
LINE 4	MONTH OF MARCH	2023	$	35,159,509,070	
LINE 5	MONTH OF APRIL	2023	$	35,477,706,395	
LINE 6	MONTH OF MAY	2023	$	35,853,291,059	
LINE 7	MONTH OF JUNE	2023	$	35,216,071,664	
LINE 8	MONTH OF JULY	2023	$	35,616,302,051	
LINE 9	MONTH OF AUGUST	2023	$	36,047,520,769	
LINE 10	MONTH OF SEPTEMBER	2023	$	36,387,316,711	
LINE 11	MONTH OF OCTOBER	2023	$	36,693,609,013	
LINE 12	MONTH OF NOVEMBER	2023	$	36,986,144,861	
LINE 13	MONTH OF DECEMBER	2023	$	37,216,260,761	
LINE 14	AVERAGE COMMON EQUITY FOR THE PERIOD (SUMMATION OF LINE 1 THROUGH LINE 13 DIVIDED BY 13)		$	35,749,933,432	
LINE 15	25 BASIS POINTS			0.0025	
LINE 16	REVENUE EXPANSION FACTOR			74.6550%	
LINE 17	MAXIMUM ALLOWED INCENTIVE DOLLARS (LINE 14 TIMES LINE 15 DIVIDED BY LINE 16)		$	119,717,144	
LINE 18	JURISDICTIONAL SALES			124,024,865,477	KWH
LINE 19	TOTAL SALES			131,605,999,737	KWH
LINE 20	JURISDICTIONAL SEPARATION FACTOR (LINE 18 DIVIDED BY LINE 19)			94.24%	
LINE 21	MAXIMUM ALLOWED JURISDICTIONAL INCENTIVE DOLLARS (LINE 17 TIMES LINE 20)		$	112,821,437	
LINE 22	INCENTIVE CAP (50 PECENT OF PROJECTED FUEL SAVINGS AT 10 GPIF·POINT LEVEL FROM SHEET NO. 3.515)		$	45,945,500	
LINE 23	MAXIMUM ALLOWED GPIF REWARD (AT 10 GPIF-POINT LEVEL) (THE LESSER OF LINE 21 AND LINE 22)		$	45,945,500	

Note: Line 22 and 23 are as approved by Commission order PSC-13-0665-FOF-EI dated 12/18/13 effective 1/1/14.

GPIF TARGET AND RANGE SUMMARY

CONSOLIDATED FLORIDA POWER & LIGHT COMPANY
PERIOD OF: JANUARY THROUGH DECEMBER, 2023

Plant / Unit	Weighting Factor (%)	EAF Target (%)	EAF Range Max. (%)	EAF Range Min. (%)	Max. Fuel Savings ($000's)	Max. Fuel Loss ($000's)
Cape Canaveral 3	0.44	90.9	93.4	88.4	404	-404
Fort Myers 2	0.43	88.4	90.9	85.9	396	-396
Manatee 3	0.57	84.5	87.0	82.0	519	-519
Martin 8	0.45	82.3	84.8	79.8	414	-414
Okeechobee 1	0.81	90.8	93.3	88.3	741	-741
Port Everglades 5	0.81	82.5	85.0	80.0	742	-742
Riviera 5	0.46	89.8	92.3	87.3	422	-422
St. Lucie 1	9.92	93.6	96.6	90.6	9,115	-9,115
St. Lucie 2	8.56	84.8	87.8	81.8	7,870	-7,870
Turkey Point 3	8.31	82.8	85.8	79.8	7,635	-7,635
Turkey Point 4	8.51	83.2	86.2	80.2	7,822	-7,822
Turkey Point 5	0.49	85.3	87.8	82.8	450	-450
West County 1	0.72	82.2	85.2	79.2	665	-665
West County 2	0.67	87.3	89.8	84.8	612	-612
West County 3	0.64	73.1	75.6	70.6	588	-588
	41.79				38,395	-38,395

Original Sheet No. 7.201.007

GPIF TARGET AND RANGE SUMMARY

CONSOLIDATED FLORIDA POWER & LIGHT COMPANY
PERIOD OF: JANUARY THROUGH DECEMBER, 2023

Plant / Unit	Weighting Factor (%)	ANOHR TARGET BTU/KWH	NOF	ANOHR RANGE BTU/KWH	BTU/KWH	Max. Fuel Savings ($000's)	Max. Fuel Loss ($000's)
Cape Canaveral 3	3.06	6,734	43.3	6,639	6,829	2,810	-2,810
Fort Myers 2	6.65	7,139	57.9	7,020	7,258	6,114	-6,114
Manatee 3	10.72	6,935	70.7	6,680	7,190	9,852	-9,852
Martin 8	3.91	6,995	67.4	6,882	7,108	3,593	-3,593
Okeechobee 1	6.38	6,355	80.4	6,268	6,442	5,866	-5,866
Port Everglades 5	3.81	6,675	73.1	6,587	6,763	3,501	-3,501
Riviera 5	3.74	6,643	56.9	6,557	6,729	3,434	-3,434
St. Lucie 1	0.40	10,427	98.4	10,333	10,521	364	-364
St. Lucie 2	0.31	10,307	98.3	10,209	10,405	281	-281
Turkey Point 3	0.58	10,522	98.7	10,363	10,681	536	-536
Turkey Point 4	1.38	10,807	98.6	10,424	11,190	1,271	-1,271
Turkey Point 5	2.95	7,225	51.6	7,127	7,323	2,714	-2,714
West County 1	6.19	7,058	62.6	6,894	7,222	5,685	-5,685
West County 2	4.13	6,867	74.1	6,782	6,952	3,797	-3,797
West County 3	4.00	6,920	73.0	6,814	7,026	3,678	-3,678
	58.21					53,496	-53,496

GENERATING PERFORMANCE INCENTIVE FACTOR
PROJECTED UNIT HEAT RATE EQUATIONS
CONSOLIDATED FLORIDA POWER & LIGHT COMPANY
PERIOD OF: JANUARY THROUGH DECEMBER, 2023

Plant/Unit	ANOHR	NOF	MW	ANOHR Equation a coef.	ANOHR Equation b coef.	Bounds	First	Last	Exclusions
Cape Canaveral 3	6,734	43.3	1308	6870	-3.13	95	07-19	06-22	None
Fort Myers 2	7,139	57.9	1700	7466	-5.65	119	07-19	06-22	2/20, 11/21
Manatee 3	6,935	70.7	1223	7141	-2.91	255	07-19	06-22	6/20, 7/20, 8/20, 9/20, 11/20, 12/20
Martin 8	6,995	67.4	1218	7209	-3.17	113	07-19	06-22	2/20, 12/20, 4/22
Okeechobee 1	6,355	80.4	1570	6624	-3.35	87	07-19	06-22	9/19, 3/20, 1/21
Port Everglades 5	6,675	73.1	1254	7091	-5.69	88	07-19	06-22	4/21
Riviera 5	6,643	56.9	1308	6931	-5.07	86	07-19	06-22	1/20, 4/21, 11/21
St. Lucie 1	10,427	98.4	981	13848	-34.77	94	07-19	06-22	11/19
St. Lucie 2	10,307	98.3	840	13237	-29.81	98	07-19	06-22	9/21, 1/22
Turkey Point 3	10,522	98.7	837	12825	-23.33	159	07-19	06-22	4/20, 12/20
Turkey Point 4	10,807	98.6	844	18004	-72.99	383	07-19	06-22	10/20, 11/20, 4/22
Turkey Point 5	7,225	51.6	1256	7858	-12.27	98	07-19	06-22	10/19, 11/19, 12/19, 1/21, 5/21
West County 1	7,058	62.6	1223	7353	-4.71	164	07-19	06-22	12/19, 11/20, 12/20
West County 2	6,867	74.1	1223	7595	-9.82	85	07-19	06-22	3/22, 4/22, 5/22
West County 3	6,920	73.0	1228	7524	-8.28	106	07-19	06-22	11/20, 12/21

DERIVATION OF WEIGHTING FACTORS

CONSOLIDATED FLORIDA POWER & LIGHT COMPANY
PERIOD OF: JANUARY THROUGH DECEMBER, 2023

PRODUCTION COSTING SIMULATION
FUEL COST ($000)

Unit	Performance Indicator	At Target (1)	At Maximum Improvement (2)	Savings (3)	Factor (% Of Savings)
Cape Canaveral 3	EAF	4,060,197	4,059,793	404	0.44
Cape Canaveral 3	ANOHR	4,060,197	4,057,387	2,810	3.06
Fort Myers 2	EAF	4,060,197	4,059,801	396	0.43
Fort Myers 2	ANOHR	4,060,197	4,054,083	6,114	6.65
Manatee 3	EAF	4,060,197	4,059,678	519	0.57
Manatee 3	ANOHR	4,060,197	4,050,345	9,852	10.72
Martin 8	EAF	4,060,197	4,059,783	414	0.45
Martin 8	ANOHR	4,060,197	4,056,604	3,593	3.91
Okeechobee 1	EAF	4,060,197	4,059,456	741	0.81
Okeechobee 1	ANOHR	4,060,197	4,054,331	5,866	6.38
Port Everglades 5	EAF	4,060,197	4,059,455	742	0.81
Port Everglades 5	ANOHR	4,060,197	4,056,696	3,501	3.81
Riviera 5	EAF	4,060,197	4,059,775	422	0.46
Riviera 5	ANOHR	4,060,197	4,056,763	3,434	3.74
St. Lucie 1	EAF	4,060,197	4,051,082	9,115	9.92
St. Lucie 1	ANOHR	4,060,197	4,059,833	364	0.40
St. Lucie 2	EAF	4,060,197	4,052,327	7,870	8.56
St. Lucie 2	ANOHR	4,060,197	4,059,916	281	0.31
Turkey Point 3	EAF	4,060,197	4,052,562	7,635	8.31
Turkey Point 3	ANOHR	4,060,197	4,059,661	536	0.58
Turkey Point 4	EAF	4,060,197	4,052,375	7,822	8.51
Turkey Point 4	ANOHR	4,060,197	4,058,926	1,271	1.38
Turkey Point 5	EAF	4,060,197	4,059,747	450	0.49
Turkey Point 5	ANOHR	4,060,197	4,057,483	2,714	2.95
West County 1	EAF	4,060,197	4,059,532	665	0.72
West County 1	ANOHR	4,060,197	4,054,512	5,685	6.19
West County 2	EAF	4,060,197	4,059,585	612	0.67
West County 2	ANOHR	4,060,197	4,056,400	3,797	4.13
West County 3	EAF	4,060,197	4,059,609	588	0.64
West County 3	ANOHR	4,060,197	4,056,519	3,678	4.00
	TOTAL			91,891	100.00

(1) FUEL ADJUSTMENT - ALL UNITS PERFORMANCE AT TARGET
(2) ALL OTHER UNITS PERFORMANCE AT TARGET
(3) EXPRESSED IN REPLACEMENT ENERGY COSTS.

Original Sheet No. 7.201.010

ESTIMATED UNIT PERFORMANCE DATA

CONSOLIDATED FLORIDA POWER & LIGHT

PERIOD OF: JANUARY THROUGH DECEMBER, 2023

	Cape Canaveral 3	Jan '23	Feb '23	Mar '23	Apr '23	May '23	Jun '23
1	EAF (%)	92.2	92.2	92.2	92.2	92.2	92.2
2	EPOF (%)	0.0	0.0	0.0	0.0	0.0	0.0
3	EUOF (%)	7.8	7.8	7.8	7.8	7.8	7.8
4	EUOR (%)	7.2	7.2	7.2	7.2	7.2	7.2
5	PH	744	672	744	720	744	720
6	SH	744	672	744	720	744	720
7	RSH	0	0	0	0	0	0
8	UH	0	0	0	0	0	0
9	POH	0	0	0	0	0	0
10	FOH & EFOH	15	14	15	15	15	15
11	MOH & EMOH	43	39	43	42	43	42
12	Oper Mbtu	2,242,834	2,132,845	2,561,217	2,749,081	3,033,284	3,128,001
13	Net Gen (MWH)	331,633	315,603	379,552	408,239	451,046	465,823
14	ANOHR (Btu/KWH)	6,763	6,758	6,748	6,734	6,725	6,715
15	NOF (%)	34.1	35.9	39.0	43.3	46.3	49.5
16	NSC (MW)	1,308	1,308	1,308	1,308	1,308	1,308
17	ANOHR Equation	-3.13 x NOF + 6870					

	Cape Canaveral 3	Jul '23	Aug '23	Sep '23	Oct '23	Nov '23	Dec '23	Total
1	EAF (%)	92.2	92.2	92.2	77.4	92.2	92.2	90.9
2	EPOF (%)	0.0	0.0	0.0	16.1	0.0	0.0	1.4
3	EUOF (%)	7.8	7.8	7.8	6.5	7.8	7.8	7.7
4	EUOR (%)	7.2	7.2	7.2	6.1	7.2	7.2	7.1
5	PH	744	744	720	744	720	744	8,760
6	SH	744	744	720	744	720	744	8,760
7	RSH	0	0	0	0	0	0	0
8	UH	0	0	0	0	0	0	0
9	POH	0	0	0	0	0	0	0
10	FOH & EFOH	15	15	15	13	15	15	175
11	MOH & EMOH	43	43	42	36	42	43	499
12	Oper Mbtu	3,467,502	3,294,646	2,916,959	2,598,310	2,823,331	2,449,894	33,408,357
13	Net Gen (MWH)	517,306	490,859	433,684	385,163	419,452	362,786	4,961,146
14	ANOHR (Btu/KWH)	6,703	6,712	6,726	6,746	6,731	6,753	6,734
15	NOF (%)	53.2	50.4	46.1	39.6	44.5	37.3	43.3
16	NSC (MW)	1,308	1,308	1,308	1,308	1,308	1,308	1,308
17	ANOHR Equation	-3.13 x NOF + 6870						

Original Sheet No. 7.201.011

ESTIMATED UNIT PERFORMANCE DATA

CONSOLIDATED FLORIDA POWER & LIGHT

PERIOD OF: JANUARY THROUGH DECEMBER, 2023

	Fort Myers 2	Jan '23	Feb '23	Mar '23	Apr '23	May '23	Jun '23
1	EAF (%)	93.4	93.4	89.3	84.0	89.8	93.4
2	EPOF (%)	0.0	0.0	4.3	10.0	3.8	0.0
3	EUOF (%)	6.6	6.6	6.4	6.0	6.4	6.6
4	EUOR (%)	6.2	6.2	6.0	5.6	6.0	6.2
5	PH	744	672	744	720	744	720
6	SH	744	672	744	720	744	720
7	RSH	0	0	0	0	0	0
8	UH	0	0	0	0	0	0
9	POH	0	0	0	0	0	0
10	FOH & EFOH	16	14	15	14	15	15
11	MOH & EMOH	34	30	32	29	32	33
12	Oper Mbtu	4,780,303	4,418,079	5,111,412	5,004,550	5,086,145	5,411,207
13	Net Gen (MWH)	666,895	616,964	715,283	700,623	711,548	760,535
14	ANOHR (Btu/KWH)	7,168	7,161	7,146	7,143	7,148	7,115
15	NOF (%)	52.7	54.0	56.6	57.2	56.3	62.1
16	NSC (MW)	1,700	1,700	1,700	1,700	1,700	1,700
17	ANOHR Equation	-5.65 x NOF + 7466					

	Fort Myers 2	Jul '23	Aug '23	Sep '23	Oct '23	Nov '23	Dec '23	Total
1	EAF (%)	93.4	93.4	78.3	81.8	85.0	86.4	88.4
2	EPOF (%)	0.0	0.0	16.1	12.4	8.9	7.5	5.3
3	EUOF (%)	6.6	6.6	5.6	5.8	6.1	6.1	6.3
4	EUOR (%)	6.2	6.2	5.3	5.5	5.7	5.8	5.9
5	PH	744	744	720	744	720	744	8,760
6	SH	744	744	720	744	720	744	8,760
7	RSH	0	0	0	0	0	0	0
8	UH	0	0	0	0	0	0	0
9	POH	0	0	0	0	0	0	0
10	FOH & EFOH	16	16	13	14	14	15	175
11	MOH & EMOH	34	34	27	30	30	31	377
12	Oper Mbtu	5,507,275	5,578,460	5,094,983	5,261,275	5,153,214	5,153,389	61,567,000
13	Net Gen (MWH)	773,385	783,932	713,883	737,183	722,447	721,359	8,624,037
14	ANOHR (Btu/KWH)	7,121	7,116	7,137	7,137	7,133	7,144	7,139
15	NOF (%)	61.1	62.0	58.3	58.3	59.0	57.0	57.9
16	NSC (MW)	1,700	1,700	1,700	1,700	1,700	1,700	1,700
17	ANOHR Equation	-5.65 x NOF + 7466						

Original Sheet No. 7.201.012

ESTIMATED UNIT PERFORMANCE DATA

CONSOLIDATED FLORIDA POWER & LIGHT

PERIOD OF: JANUARY THROUGH DECEMBER, 2023

	Manatee 3	Jan '23	Feb '23	Mar '23	Apr '23	May '23	Jun '23
1	EAF (%)	92.7	92.7	92.7	92.7	92.7	92.7
2	EPOF (%)	0.0	0.0	0.0	0.0	0.0	0.0
3	EUOF (%)	7.3	7.3	7.3	7.3	7.3	7.3
4	EUOR (%)	8.1	7.0	7.0	6.8	6.8	6.8
5	PH	744	672	744	720	744	720
6	SH	616	660	723	720	744	720
7	RSH	128	12	21	0	0	0
8	UH	0	0	0	0	0	0
9	POH	0	0	0	0	0	0
10	FOH & EFOH	16	15	16	16	16	16
11	MOH & EMOH	38	35	38	37	38	37
12	Oper Mbtu	3,304,930	3,660,362	4,079,053	4,818,328	4,528,689	4,511,880
13	Net Gen (MWH)	475,051	526,595	587,083	697,197	653,302	651,441
14	ANOHR (Btu/KWH)	6,957	6,951	6,948	6,911	6,932	6,926
15	NOF (%)	63.1	65.2	66.4	79.2	71.8	74.0
16	NSC (MW)	1,223	1,223	1,223	1,223	1,223	1,223
17	ANOHR Equation	-2.91 x NOF + 7141					

	Manatee 3	Jul '23	Aug '23	Sep '23	Oct '23	Nov '23	Dec '23	Total
1	EAF (%)	92.7	92.7	92.7	92.7	37.1	50.8	84.5
2	EPOF (%)	0.0	0.0	0.0	0.0	60.0	45.2	8.8
3	EUOF (%)	7.3	7.3	7.3	7.3	2.9	4.0	6.7
4	EUOR (%)	6.8	6.8	6.8	6.8	6.9	7.2	7.0
5	PH	744	744	720	744	720	744	8,760
6	SH	744	744	720	744	286	389	7,810
7	RSH	0	0	0	0	2	19	182
8	UH	0	0	0	0	432	336	768
9	POH	0	0	0	0	432	336	768
10	FOH & EFOH	16	16	16	16	6	9	175
11	MOH & EMOH	38	38	37	38	15	21	412
12	Oper Mbtu	4,647,928	4,638,645	4,340,095	4,444,679	1,769,258	2,108,788	46,857,229
13	Net Gen (MWH)	671,084	669,647	625,915	640,813	255,341	303,161	6,756,630
14	ANOHR (Btu/KWH)	6,926	6,927	6,934	6,936	6,929	6,956	6,935
15	NOF (%)	73.8	73.6	71.1	70.4	73.0	63.7	70.7
16	NSC (MW)	1,223	1,223	1,223	1,223	1,223	1,223	1,223
17	ANOHR Equation	-2.91 x NOF + 7141						

Original Sheet No. 7.201.013

ESTIMATED UNIT PERFORMANCE DATA

CONSOLIDATED FLORIDA POWER & LIGHT

PERIOD OF: JANUARY THROUGH DECEMBER, 2023

	Martin 8	Jan '23	Feb '23	Mar '23	Apr '23	May '23	Jun '23
1	EAF (%)	93.1	93.1	93.1	51.9	92.4	93.1
2	EPOF (%)	0.0	0.0	0.0	44.2	0.8	0.0
3	EUOF (%)	6.9	6.9	6.9	3.9	6.8	6.9
4	EUOR (%)	25.4	11.8	6.5	3.7	6.4	6.5
5	PH	744	672	744	720	744	720
6	SH	151	346	744	720	744	720
7	RSH	593	326	0	0	0	0
8	UH	0	0	0	0	0	0
9	POH	0	0	0	0	0	0
10	FOH & EFOH	17	15	17	9	17	16
11	MOH & EMOH	35	31	35	19	34	33
12	Oper Mbtu	844,629	1,912,239	4,682,950	3,134,239	4,271,203	4,298,004
13	Net Gen (MWH)	120,644	273,021	671,487	444,699	610,608	615,143
14	ANOHR (Btu/KWH)	7,001	7,004	6,974	7,048	6,995	6,987
15	NOF (%)	65.6	64.8	74.1	50.7	67.4	70.1
16	NSC (MW)	1,218	1,218	1,218	1,218	1,218	1,218
17	ANOHR Equation	-3.17 x NOF + 7209					

	Martin 8	Jul '23	Aug '23	Sep '23	Oct '23	Nov '23	Dec '23	Total
1	EAF (%)	93.1	93.1	93.1	42.1	55.9	93.1	82.3
2	EPOF (%)	0.0	0.0	0.0	54.8	40.0	0.0	11.6
3	EUOF (%)	6.9	6.9	6.9	3.1	4.1	6.9	6.1
4	EUOR (%)	6.5	6.5	6.5	6.5	6.6	9.4	7.2
5	PH	744	744	720	744	720	744	8,760
6	SH	744	744	720	334	422	494	6,883
7	RSH	0	0	0	2	10	250	1181
8	UH	0	0	0	408	288	0	696
9	POH	0	0	0	408	288	0	696
10	FOH & EFOH	17	17	16	8	10	17	175
11	MOH & EMOH	35	35	33	16	20	35	359
12	Oper Mbtu	4,499,023	4,484,378	4,222,480	1,959,577	2,411,234	2,771,489	39,499,079
13	Net Gen (MWH)	644,190	642,093	603,988	280,300	344,659	395,927	5,646,759
14	ANOHR (Btu/KWH)	6,984	6,984	6,991	6,991	6,996	7,000	6,995
15	NOF (%)	71.1	70.9	68.9	68.9	67.1	65.8	67.4
16	NSC (MW)	1,218	1,218	1,218	1,218	1,218	1,218	1,218
17	ANOHR Equation	-3.17 x NOF + 7209						

Original Sheet No. 7.201.014

ESTIMATED UNIT PERFORMANCE DATA

CONSOLIDATED FLORIDA POWER & LIGHT

PERIOD OF: JANUARY THROUGH DECEMBER, 2023

	Okeechobee 1	Jan '23	Feb '23	Mar '23	Apr '23	May '23	Jun '23
1	EAF (%)	94.0	78.3	70.8	94.0	94.0	94.0
2	EPOF (%)	0.0	16.7	24.7	0.0	0.0	0.0
3	EUOF (%)	6.0	5.0	4.5	6.0	6.0	6.0
4	EUOR (%)	5.7	4.8	4.3	5.7	5.7	5.7
5	PH	744	672	744	720	744	720
6	SH	744	672	744	720	744	720
7	RSH	0	0	0	0	0	0
8	UH	0	0	0	0	0	0
9	POH	0	0	0	0	0	0
10	FOH & EFOH	15	12	12	15	15	15
11	MOH & EMOH	29	22	22	28	29	28
12	Oper Mbtu	6,760,618	4,669,477	5,118,795	5,614,376	6,392,661	6,399,135
13	Net Gen (MWH)	1,070,226	730,519	800,437	882,486	1,009,102	1,011,881
14	ANOHR (Btu/KWH)	6,317	6,392	6,395	6,362	6,335	6,324
15	NOF (%)	91.6	69.2	68.5	78.1	86.4	89.5
16	NSC (MW)	1,570	1,570	1,570	1,570	1,570	1,570
17	ANOHR Equation	-3.35 x NOF + 6624					

	Okeechobee 1	Jul '23	Aug '23	Sep '23	Oct '23	Nov '23	Dec '23	Total
1	EAF (%)	94.0	94.0	94.0	94.0	94.0	94.0	90.8
2	EPOF (%)	0.0	0.0	0.0	0.0	0.0	0.0	3.4
3	EUOF (%)	6.0	6.0	6.0	6.0	6.0	6.0	5.8
4	EUOR (%)	5.7	5.7	5.7	5.7	5.7	5.7	5.5
5	PH	744	744	720	744	720	744	8,760
6	SH	744	744	720	744	720	744	8,760
7	RSH	0	0	0	0	0	0	0
8	UH	0	0	0	0	0	0	0
9	POH	0	0	0	0	0	0	0
10	FOH & EFOH	15	15	15	15	15	15	175
11	MOH & EMOH	29	29	28	29	28	29	333
12	Oper Mbtu	6,699,706	6,699,706	6,449,664	6,417,096	4,572,168	4,376,195	70,235,041
13	Net Gen (MWH)	1,060,080	1,060,080	1,020,355	1,013,119	712,953	680,696	11,051,934
14	ANOHR (Btu/KWH)	6,320	6,320	6,321	6,334	6,413	6,429	6,355
15	NOF (%)	90.8	90.8	90.3	86.7	63.1	58.3	80.4
16	NSC (MW)	1,570	1,570	1,570	1,570	1,570	1,570	1,570
17	ANOHR Equation	-3.35 x NOF + 6624						

Original Sheet No. 7.201.015

ESTIMATED UNIT PERFORMANCE DATA

CONSOLIDATED FLORIDA POWER & LIGHT

PERIOD OF: JANUARY THROUGH DECEMBER, 2023

	Port Everglades 5	Jan '23	Feb '23	Mar '23	Apr '23	May '23	Jun '23
1	EAF (%)	93.9	93.9	21.2	62.6	93.9	93.9
2	EPOF (%)	0.0	0.0	77.4	33.3	0.0	0.0
3	EUOF (%)	6.1	6.1	1.4	4.1	6.1	6.1
4	EUOR (%)	5.8	5.8	5.8	5.3	5.8	5.8
5	PH	744	672	744	720	744	720
6	SH	744	672	168	528	744	720
7	RSH	0	0	0	0	0	0
8	UH	0	0	576	192	0	0
9	POH	0	0	576	192	0	0
10	FOH & EFOH	17	15	4	11	17	16
11	MOH & EMOH	29	26	6	19	29	28
12	Oper Mbtu	3,758,383	3,425,750	648,149	3,027,169	4,810,012	4,666,348
13	Net Gen (MWH)	556,715	507,669	94,828	451,614	723,310	701,812
14	ANOHR (Btu/KWH)	6,751	6,748	6,835	6,703	6,650	6,649
15	NOF (%)	59.7	60.2	45.0	68.2	77.5	77.7
16	NSC (MW)	1,254	1,254	1,254	1,254	1,254	1,254
17	ANOHR Equation	-5.69 x NOF + 7091					

	Port Everglades 5	Jul '23	Aug '23	Sep '23	Oct '23	Nov '23	Dec '23	Total
1	EAF (%)	93.9	93.9	93.9	93.9	77.2	79.7	82.5
2	EPOF (%)	0.0	0.0	0.0	0.0	17.8	15.1	12.1
3	EUOF (%)	6.1	6.1	6.1	6.1	5.0	5.2	5.4
4	EUOR (%)	5.8	5.8	5.8	5.8	4.8	5.0	5.6
5	PH	744	744	720	744	720	744	8,760
6	SH	744	744	720	744	720	744	7,992
7	RSH	0	0	0	0	0	0	0
8	UH	0	0	0	0	0	0	768
9	POH	0	0	0	0	0	0	768
10	FOH & EFOH	17	17	16	17	13	14	175
11	MOH & EMOH	29	29	28	29	23	24	298
12	Oper Mbtu	5,325,433	5,094,166	4,887,795	5,079,642	4,272,876	3,835,953	48,891,398
13	Net Gen (MWH)	807,006	769,279	737,669	766,970	638,887	568,795	7,324,554
14	ANOHR (Btu/KWH)	6,599	6,622	6,626	6,623	6,688	6,744	6,675
15	NOF (%)	86.5	82.5	81.7	82.2	70.8	61.0	73.1
16	NSC (MW)	1,254	1,254	1,254	1,254	1,254	1,254	1,254
17	ANOHR Equation	-5.69 x NOF + 7091						

Original Sheet No. 7.201.016

ESTIMATED UNIT PERFORMANCE DATA

CONSOLIDATED FLORIDA POWER & LIGHT

PERIOD OF: JANUARY THROUGH DECEMBER, 2023

	Riviera 5	Jan '23	Feb '23	Mar '23	Apr '23	May '23	Jun '23
1	EAF (%)	93.3	93.3	93.3	93.3	93.3	93.3
2	EPOF (%)	0.0	0.0	0.0	0.0	0.0	0.0
3	EUOF (%)	6.7	6.7	6.7	6.7	6.7	6.7
4	EUOR (%)	6.3	6.3	6.3	6.3	6.3	6.3
5	PH	744	672	744	720	744	720
6	SH	744	672	744	720	744	720
7	RSH	0	0	0	0	0	0
8	UH	0	0	0	0	0	0
9	POH	0	0	0	0	0	0
10	FOH & EFOH	15	14	15	15	15	15
11	MOH & EMOH	35	31	35	34	35	34
12	Oper Mbtu	3,054,444	2,911,598	4,608,184	3,678,684	3,951,842	3,990,810
13	Net Gen (MWH)	456,364	435,868	701,932	554,687	596,955	604,119
14	ANOHR (Btu/KWH)	6,693	6,680	6,565	6,632	6,620	6,606
15	NOF (%)	46.9	49.6	72.1	58.9	61.3	64.1
16	NSC (MW)	1,308	1,308	1,308	1,308	1,308	1,308
17	ANOHR Equation	-5.07 x NOF + 6931					

	Riviera 5	Jul '23	Aug '23	Sep '23	Oct '23	Nov '23	Dec '23	Total
1	EAF (%)	93.3	93.3	93.3	91.2	62.2	85.2	89.8
2	EPOF (%)	0.0	0.0	0.0	2.2	33.3	8.6	3.7
3	EUOF (%)	6.7	6.7	6.7	6.6	4.5	6.2	6.5
4	EUOR (%)	6.3	6.3	6.3	6.2	4.3	5.8	6.1
5	PH	744	744	720	744	720	744	8,760
6	SH	744	744	720	744	720	744	8,760
7	RSH	0	0	0	0	0	0	0
8	UH	0	0	0	0	0	0	0
9	POH	0	0	0	0	0	0	0
10	FOH & EFOH	15	15	15	15	10	14	175
11	MOH & EMOH	35	35	34	34	22	32	394
12	Oper Mbtu	4,291,689	4,249,132	4,018,031	3,763,054	2,281,364	2,460,923	43,339,145
13	Net Gen (MWH)	651,045	644,296	608,516	567,152	338,030	365,068	6,524,032
14	ANOHR (Btu/KWH)	6,592	6,595	6,603	6,635	6,749	6,741	6,643
15	NOF (%)	66.9	66.2	64.6	58.3	35.9	37.5	56.9
16	NSC (MW)	1,308	1,308	1,308	1,308	1,308	1,308	1,308
17	ANOHR Equation	-5.07 x NOF + 6931						

Original Sheet No. 7.201.017

ESTIMATED UNIT PERFORMANCE DATA

CONSOLIDATED FLORIDA POWER & LIGHT

PERIOD OF: JANUARY THROUGH DECEMBER, 2023

	St. Lucie 1	Jan '23	Feb '23	Mar '23	Apr '23	May '23	Jun '23
1	EAF (%)	93.6	93.6	93.6	93.6	93.6	93.6
2	EPOF (%)	0.0	0.0	0.0	0.0	0.0	0.0
3	EUOF (%)	6.4	6.4	6.4	6.4	6.4	6.4
4	EUOR (%)	6.0	6.0	6.0	6.0	6.0	6.0
5	PH	744	672	744	720	744	720
6	SH	744	672	744	720	744	720
7	RSH	0	0	0	0	0	0
8	UH	0	0	0	0	0	0
9	POH	0	0	0	0	0	0
10	FOH & EFOH	24	22	24	23	24	23
11	MOH & EMOH	24	22	24	23	24	23
12	Oper Mbtu	7,552,979	6,822,053	7,552,979	7,201,732	7,441,791	7,201,732
13	Net Gen (MWH)	727,577	657,167	727,577	688,634	711,588	688,634
14	ANOHR (Btu/KWH)	10,381	10,381	10,381	10,458	10,458	10,458
15	NOF (%)	99.7	99.7	99.7	97.5	97.5	97.5
16	NSC (MW)	981	981	981	981	981	981
17	ANOHR Equation	-34.77 x NOF + 13848					

	St. Lucie 1	Jul '23	Aug '23	Sep '23	Oct '23	Nov '23	Dec '23	Total
1	EAF (%)	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2	EPOF (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	EUOF (%)	6.4	6.4	6.4	6.4	6.4	6.4	6.4
4	EUOR (%)	6.0	6.0	6.0	6.0	6.0	6.0	6.0
5	PH	744	744	720	744	720	744	8,760
6	SH	744	744	720	744	720	744	8,760
7	RSH	0	0	0	0	0	0	0
8	UH	0	0	0	0	0	0	0
9	POH	0	0	0	0	0	0	0
10	FOH & EFOH	24	24	23	24	23	24	280
11	MOH & EMOH	24	24	23	24	23	24	280
12	Oper Mbtu	7,441,791	7,441,791	7,201,732	7,441,791	7,309,337	7,552,979	88,173,434
13	Net Gen (MWH)	711,588	711,588	688,634	711,588	704,107	727,577	8,456,261
14	ANOHR (Btu/KWH)	10,458	10,458	10,458	10,458	10,381	10,381	10,427
15	NOF (%)	97.5	97.5	97.5	97.5	99.7	99.7	98.4
16	NSC (MW)	981	981	981	981	981	981	981
17	ANOHR Equation	-34.77 x NOF + 13848						

Original Sheet No. 7.201.018

ESTIMATED UNIT PERFORMANCE DATA

CONSOLIDATED FLORIDA POWER & LIGHT

PERIOD OF: JANUARY THROUGH DECEMBER, 2023

	St. Lucie 2	Jan '23	Feb '23	Mar '23	Apr '23	May '23	Jun '23
1	EAF (%)	93.0	56.4	30.0	93.0	93.0	93.0
2	EPOF (%)	0.0	39.3	67.7	0.0	0.0	0.0
3	EUOF (%)	7.0	4.3	2.3	7.0	7.0	7.0
4	EUOR (%)	6.6	6.6	6.6	6.6	6.6	6.6
5	PH	744	672	744	720	744	720
6	SH	744	408	240	720	744	720
7	RSH	0	0	0	0	0	0
8	UH	0	264	504	0	0	0
9	POH	0	264	504	0	0	0
10	FOH & EFOH	26	14	8	25	26	25
11	MOH & EMOH	26	14	8	25	26	25
12	Oper Mbtu	6,402,156	3,510,864	2,065,208	6,091,910	6,294,975	6,091,910
13	Net Gen (MWH)	623,870	342,123	201,248	589,673	609,329	589,673
14	ANOHR (Btu/KWH)	10,262	10,262	10,262	10,331	10,331	10,331
15	NOF (%)	99.8	99.8	99.8	97.5	97.5	97.5
16	NSC (MW)	840	840	840	840	840	840
17	ANOHR Equation	-29.81 x NOF + 13237					

	St. Lucie 2	Jul '23	Aug '23	Sep '23	Oct '23	Nov '23	Dec '23	Total
1	EAF (%)	93.0	93.0	93.0	93.0	93.0	93.0	84.8
2	EPOF (%)	0.0	0.0	0.0	0.0	0.0	0.0	8.8
3	EUOF (%)	7.0	7.0	7.0	7.0	7.0	7.0	6.4
4	EUOR (%)	6.6	6.6	6.6	6.6	6.6	6.6	6.5
5	PH	744	744	720	744	720	744	8,760
6	SH	744	744	720	744	720	744	7,992
7	RSH	0	0	0	0	0	0	0
8	UH	0	0	0	0	0	0	768
9	POH	0	0	0	0	0	0	768
10	FOH & EFOH	26	26	25	26	25	26	280
11	MOH & EMOH	26	26	25	26	25	26	280
12	Oper Mbtu	6,294,975	6,294,975	6,091,910	6,294,975	6,195,635	6,402,156	68,038,467
13	Net Gen (MWH)	609,329	609,329	589,673	609,329	603,745	623,870	6,601,190
14	ANOHR (Btu/KWH)	10,331	10,331	10,331	10,331	10,262	10,262	10,307
15	NOF (%)	97.5	97.5	97.5	97.5	99.8	99.8	98.3
16	NSC (MW)	840	840	840	840	840	840	840
17	ANOHR Equation	-29.81 x NOF + 13237						

Original Sheet No. 7.201.019

ESTIMATED UNIT PERFORMANCE DATA

CONSOLIDATED FLORIDA POWER & LIGHT

PERIOD OF: JANUARY THROUGH DECEMBER, 2023

	Turkey Point 3	Jan '23	Feb '23	Mar '23	Apr '23	May '23	Jun '23
1	EAF (%)	91.3	91.3	91.3	21.3	58.9	91.3
2	EPOF (%)	0.0	0.0	0.0	76.7	35.5	0.0
3	EUOF (%)	8.7	8.7	8.7	2.0	5.6	8.7
4	EUOR (%)	8.0	8.0	8.0	8.0	8.0	8.0
5	PH	744	672	744	720	744	720
6	SH	744	672	744	168	480	720
7	RSH	0	0	0	0	0	0
8	UH	0	0	0	552	264	0
9	POH	0	0	0	552	264	0
10	FOH & EFOH	39	35	39	9	25	37
11	MOH & EMOH	26	24	26	6	17	25
12	Oper Mbtu	6,536,518	5,903,950	6,536,518	1,446,416	4,132,604	6,198,906
13	Net Gen (MWH)	623,119	562,817	623,119	137,101	391,716	587,574
14	ANOHR (Btu/KWH)	10,490	10,490	10,490	10,550	10,550	10,550
15	NOF (%)	100.1	100.1	100.1	97.5	97.5	97.5
16	NSC (MW)	837	837	837	837	837	837
17	ANOHR Equation	-23.33 x NOF + 12825					

	Turkey Point 3	Jul '23	Aug '23	Sep '23	Oct '23	Nov '23	Dec '23	Total
1	EAF (%)	91.3	91.3	91.3	91.3	91.3	91.3	82.8
2	EPOF (%)	0.0	0.0	0.0	0.0	0.0	0.0	9.3
3	EUOF (%)	8.7	8.7	8.7	8.7	8.7	8.7	7.9
4	EUOR (%)	8.0	8.0	8.0	8.0	8.0	8.0	8.0
5	PH	744	744	720	744	720	744	8,760
6	SH	744	744	720	744	720	744	7,944
7	RSH	0	0	0	0	0	0	0
8	UH	0	0	0	0	0	0	816
9	POH	0	0	0	0	0	0	816
10	FOH & EFOH	39	39	37	39	37	39	412
11	MOH & EMOH	26	26	25	26	25	26	280
12	Oper Mbtu	6,405,538	6,405,538	6,198,906	6,405,538	6,325,659	6,536,518	69,031,023
13	Net Gen (MWH)	607,160	607,160	587,574	607,160	603,018	623,119	6,560,637
14	ANOHR (Btu/KWH)	10,550	10,550	10,550	10,550	10,490	10,490	10,522
15	NOF (%)	97.5	97.5	97.5	97.5	100.1	100.1	98.7
16	NSC (MW)	837	837	837	837	837	837	837
17	ANOHR Equation	-23.33 x NOF + 12825						

Original Sheet No. 7.201.020

ESTIMATED UNIT PERFORMANCE DATA

CONSOLIDATED FLORIDA POWER & LIGHT

PERIOD OF: JANUARY THROUGH DECEMBER, 2023

	Turkey Point 4	Jan '23	Feb '23	Mar '23	Apr '23	May '23	Jun '23
1	EAF (%)	92.9	92.9	92.9	92.9	92.9	92.9
2	EPOF (%)	0.0	0.0	0.0	0.0	0.0	0.0
3	EUOF (%)	7.1	7.1	7.1	7.1	7.1	7.1
4	EUOR (%)	6.7	6.7	6.7	6.7	6.7	6.7
5	PH	744	672	744	720	744	720
6	SH	744	672	744	720	744	720
7	RSH	0	0	0	0	0	0
8	UH	0	0	0	0	0	0
9	POH	0	0	0	0	0	0
10	FOH & EFOH	27	24	27	26	27	26
11	MOH & EMOH	27	24	27	26	27	26
12	Oper Mbtu	6,724,838	6,074,049	6,724,838	6,450,417	6,665,435	6,450,417
13	Net Gen (MWH)	628,196	567,403	628,196	592,488	612,238	592,488
14	ANOHR (Btu/KWH)	10,705	10,705	10,705	10,887	10,887	10,887
15	NOF (%)	100.0	100.0	100.0	97.5	97.5	97.5
16	NSC (MW)	844	844	844	844	844	844
17	ANOHR Equation	-72.99 x NOF + 18004					

	Turkey Point 4	Jul '23	Aug '23	Sep '23	Oct '23	Nov '23	Dec '23	Total
1	EAF (%)	92.9	92.9	89.8	0.0	74.3	92.9	83.2
2	EPOF (%)	0.0	0.0	3.3	100.0	20.0	0.0	10.4
3	EUOF (%)	7.1	7.1	6.9	0.0	5.7	7.1	6.4
4	EUOR (%)	6.7	6.7	6.7	0.0	6.7	6.7	6.7
5	PH	744	744	720	744	720	744	8,760
6	SH	744	744	696	0	576	744	7,848
7	RSH	0	0	0	0	0	0	0
8	UH	0	0	24	744	144	0	912
9	POH	0	0	24	744	144	0	912
10	FOH & EFOH	27	27	25	0	21	27	280
11	MOH & EMOH	27	27	25	0	21	27	280
12	Oper Mbtu	6,665,435	6,665,435	6,235,399	0	5,206,334	6,724,838	70,599,591
13	Net Gen (MWH)	612,238	612,238	572,738	0	486,346	628,196	6,532,765
14	ANOHR (Btu/KWH)	10,887	10,887	10,887	0	10,705	10,705	10,807
15	NOF (%)	97.5	97.5	97.5	0.0	100.0	100.0	98.6
16	NSC (MW)	844	844	844	844	844	844	844
17	ANOHR Equation	-72.99 x NOF + 18004						

Original Sheet No. 7.201.021

ESTIMATED UNIT PERFORMANCE DATA

CONSOLIDATED FLORIDA POWER & LIGHT

PERIOD OF: JANUARY THROUGH DECEMBER, 2023

	Turkey Point 5	Jan '23	Feb '23	Mar '23	Apr '23	May '23	Jun '23
1	EAF (%)	92.0	60.0	80.9	92.0	66.1	79.0
2	EPOF (%)	0.0	34.8	12.1	0.0	28.2	14.2
3	EUOF (%)	8.0	5.2	7.0	8.0	5.7	6.8
4	EUOR (%)	7.4	4.9	6.6	12.3	6.3	6.4
5	PH	744	672	744	720	744	720
6	SH	744	672	744	410	632	720
7	RSH	0	0	0	310	112	0
8	UH	0	0	0	0	0	0
9	POH	0	0	0	0	0	0
10	FOH & EFOH	16	9	14	16	12	13
11	MOH & EMOH	43	26	38	42	31	36
12	Oper Mbtu	2,915,819	2,544,940	3,253,354	2,256,385	2,612,158	3,469,452
13	Net Gen (MWH)	397,413	346,015	447,504	317,756	357,536	481,534
14	ANOHR (Btu/KWH)	7,337	7,355	7,270	7,101	7,306	7,205
15	NOF (%)	42.5	41.0	47.9	61.7	45.0	53.2
16	NSC (MW)	1,256	1,256	1,256	1,256	1,256	1,256
17	ANOHR Equation	-12.27 x NOF + 7858					

	Turkey Point 5	Jul '23	Aug '23	Sep '23	Oct '23	Nov '23	Dec '23	Total
1	EAF (%)	92.0	92.0	92.0	92.0	92.0	92.0	85.3
2	EPOF (%)	0.0	0.0	0.0	0.0	0.0	0.0	7.3
3	EUOF (%)	8.0	8.0	8.0	8.0	8.0	8.0	7.4
4	EUOR (%)	7.4	7.4	7.4	10.5	19.7	7.4	7.8
5	PH	744	744	720	744	720	744	8,760
6	SH	744	744	720	507	234	744	7,615
7	RSH	0	0	0	237	486	0	1145
8	UH	0	0	0	0	0	0	0
9	POH	0	0	0	0	0	0	0
10	FOH & EFOH	16	16	16	16	16	16	175
11	MOH & EMOH	43	43	42	43	42	43	473
12	Oper Mbtu	3,972,024	3,846,945	3,626,852	2,721,893	1,117,878	3,278,847	35,672,831
13	Net Gen (MWH)	557,477	537,959	505,696	382,181	155,024	451,321	4,937,416
14	ANOHR (Btu/KWH)	7,125	7,151	7,172	7,122	7,211	7,265	7,225
15	NOF (%)	59.7	57.6	55.9	60.0	52.7	48.3	51.6
16	NSC (MW)	1,256	1,256	1,256	1,256	1,256	1,256	1,256
17	ANOHR Equation	-12.27 x NOF + 7858						

Original Sheet No. 7.201.022

ESTIMATED UNIT PERFORMANCE DATA

CONSOLIDATED FLORIDA POWER & LIGHT

PERIOD OF: JANUARY THROUGH DECEMBER, 2023

	West County 1	Jan '23	Feb '23	Mar '23	Apr '23	May '23	Jun '23
1	EAF (%)	54.8	89.4	59.7	67.6	89.4	89.4
2	EPOF (%)	38.7	0.0	33.3	24.4	0.0	0.0
3	EUOF (%)	6.5	10.6	7.0	8.0	10.6	10.6
4	EUOR (%)	10.2	9.5	7.4	7.4	9.5	9.5
5	PH	744	672	744	720	744	720
6	SH	426	672	653	720	744	720
7	RSH	30	0	91	0	0	0
8	UH	288	0	0	0	0	0
9	POH	288	0	0	0	0	0
10	FOH & EFOH	10	15	11	12	16	16
11	MOH & EMOH	38	56	42	46	62	60
12	Oper Mbtu	2,074,728	3,615,532	3,036,764	3,790,930	4,260,594	3,890,941
13	Net Gen (MWH)	292,710	512,115	427,653	536,503	605,198	551,281
14	ANOHR (Btu/KWH)	7,088	7,060	7,101	7,066	7,040	7,058
15	NOF (%)	56.2	62.3	53.5	60.9	66.5	62.6
16	NSC (MW)	1,223	1,223	1,223	1,223	1,223	1,223
17	ANOHR Equation	-4.71 x NOF + 7353					

	West County 1	Jul '23	Aug '23	Sep '23	Oct '23	Nov '23	Dec '23	Total
1	EAF (%)	89.4	89.4	89.4	89.4	89.4	89.4	82.2
2	EPOF (%)	0.0	0.0	0.0	0.0	0.0	0.0	8.1
3	EUOF (%)	10.6	10.6	10.6	10.6	10.6	10.6	9.7
4	EUOR (%)	9.5	9.5	9.5	9.5	9.5	10.5	9.3
5	PH	744	744	720	744	720	744	8,760
6	SH	744	744	720	744	720	673	8,280
7	RSH	0	0	0	0	0	71	192
8	UH	0	0	0	0	0	0	288
9	POH	0	0	0	0	0	0	288
10	FOH & EFOH	16	16	16	16	16	16	175
11	MOH & EMOH	62	62	60	62	60	62	675
12	Oper Mbtu	4,275,986	4,175,805	3,893,249	4,289,044	4,174,860	3,267,994	44,755,660
13	Net Gen (MWH)	607,557	592,649	551,608	609,499	593,357	460,995	6,341,125
14	ANOHR (Btu/KWH)	7,038	7,046	7,058	7,037	7,036	7,089	7,058
15	NOF (%)	66.8	65.1	62.6	67.0	67.4	56.0	62.6
16	NSC (MW)	1,223	1,223	1,223	1,223	1,223	1,223	1,223
17	ANOHR Equation	-4.71 x NOF + 7353						

Original Sheet No. 7.201.023

ESTIMATED UNIT PERFORMANCE DATA

CONSOLIDATED FLORIDA POWER & LIGHT

PERIOD OF: JANUARY THROUGH DECEMBER, 2023

	West County 2	Jan '23	Feb '23	Mar '23	Apr '23	May '23	Jun '23
1	EAF (%)	92.9	92.9	92.9	89.8	61.9	74.3
2	EPOF (%)	0.0	0.0	0.0	3.3	33.3	20.0
3	EUOF (%)	7.1	7.1	7.1	6.9	4.8	5.7
4	EUOR (%)	6.7	6.7	6.7	6.4	4.5	5.4
5	PH	744	672	744	720	744	720
6	SH	744	672	744	720	744	720
7	RSH	0	0	0	0	0	0
8	UH	0	0	0	0	0	0
9	POH	0	0	0	0	0	0
10	FOH & EFOH	16	14	16	15	11	12
11	MOH & EMOH	37	34	37	35	25	29
12	Oper Mbtu	4,274,590	3,696,361	4,157,101	5,071,203	3,111,720	3,830,273
13	Net Gen (MWH)	616,913	531,010	598,144	750,400	436,794	548,514
14	ANOHR (Btu/KWH)	6,929	6,961	6,950	6,758	7,124	6,983
15	NOF (%)	67.8	64.6	65.7	85.2	48.0	62.3
16	NSC (MW)	1,223	1,223	1,223	1,223	1,223	1,223
17	ANOHR Equation	-9.82 x NOF + 7595					

	West County 2	Jul '23	Aug '23	Sep '23	Oct '23	Nov '23	Dec '23	Total
1	EAF (%)	92.9	92.9	92.9	92.9	88.8	82.8	87.3
2	EPOF (%)	0.0	0.0	0.0	0.0	4.4	10.8	6.0
3	EUOF (%)	7.1	7.1	7.1	7.1	6.8	6.4	6.7
4	EUOR (%)	6.7	6.7	6.7	6.7	6.4	6.0	6.3
5	PH	744	744	720	744	720	744	8,760
6	SH	744	744	720	744	720	744	8,760
7	RSH	0	0	0	0	0	0	0
8	UH	0	0	0	0	0	0	0
9	POH	0	0	0	0	0	0	0
10	FOH & EFOH	16	16	15	16	15	14	175
11	MOH & EMOH	37	37	36	37	34	33	412
12	Oper Mbtu	5,331,607	5,470,007	5,124,941	5,371,745	4,729,604	4,174,202	54,512,121
13	Net Gen (MWH)	790,805	814,474	759,363	797,705	693,287	600,864	7,938,273
14	ANOHR (Btu/KWH)	6,742	6,716	6,749	6,734	6,822	6,947	6,867
15	NOF (%)	86.9	89.5	86.2	87.7	78.7	66.0	74.1
16	NSC (MW)	1,223	1,223	1,223	1,223	1,223	1,223	1,223
17	ANOHR Equation	-9.82 x NOF + 7595						

Original Sheet No. 7.201.024

ESTIMATED UNIT PERFORMANCE DATA

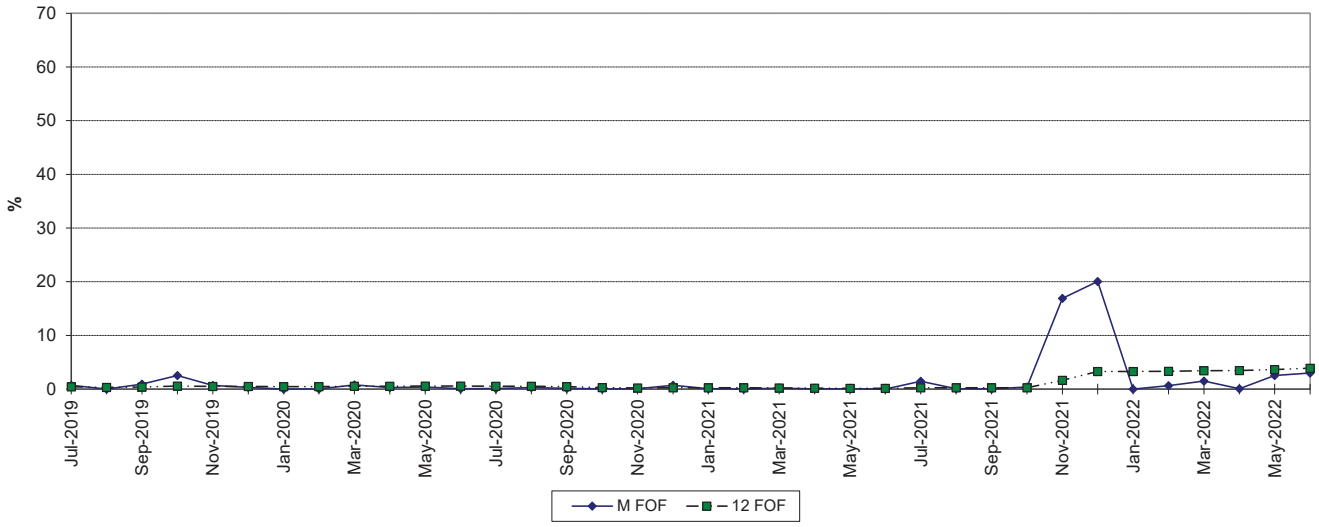
CONSOLIDATED FLORIDA POWER & LIGHT

PERIOD OF: JANUARY THROUGH DECEMBER, 2023

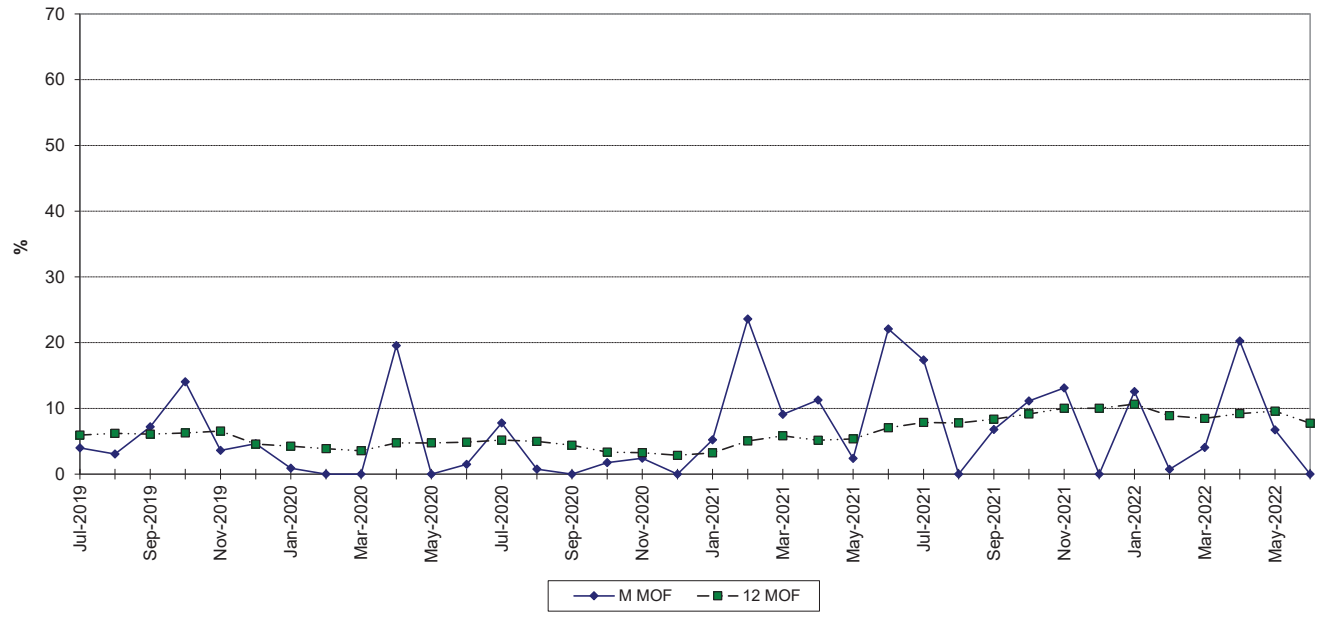
	West County 3	Jan '23	Feb '23	Mar '23	Apr '23	May '23	Jun '23
1	EAF (%)	91.0	45.5	0.0	9.1	91.0	91.0
2	EPOF (%)	0.0	50.0	100.0	90.0	0.0	0.0
3	EUOF (%)	9.0	4.5	0.0	0.9	9.0	9.0
4	EUOR (%)	8.2	8.2	0.0	8.2	8.2	8.2
5	PH	744	672	744	720	744	720
6	SH	744	336	0	72	744	720
7	RSH	0	0	0	0	0	0
8	UH	0	336	744	648	0	0
9	POH	0	336	744	648	0	0
10	FOH & EFOH	19	8	0	2	19	18
11	MOH & EMOH	48	22	0	5	48	47
12	Oper Mbtu	4,776,963	1,986,011	0	512,639	5,027,577	4,235,417
13	Net Gen (MWH)	692,715	285,757	0	75,167	732,883	609,062
14	ANOHR (Btu/KWH)	6,896	6,950	0	6,820	6,860	6,954
15	NOF (%)	75.8	69.3	0.0	85.0	80.2	68.9
16	NSC (MW)	1,228	1,228	1,228	1,228	1,228	1,228
17	ANOHR Equation	-8.28 x NOF + 7524					

	West County 3	Jul '23	Aug '23	Sep '23	Oct '23	Nov '23	Dec '23	Total
1	EAF (%)	91.0	91.0	91.0	91.0	91.0	91.0	73.1
2	EPOF (%)	0.0	0.0	0.0	0.0	0.0	0.0	19.7
3	EUOF (%)	9.0	9.0	9.0	9.0	9.0	9.0	7.2
4	EUOR (%)	8.2	8.2	8.2	8.2	8.2	8.2	8.2
5	PH	744	744	720	744	720	744	8,760
6	SH	744	744	720	744	720	744	7,032
7	RSH	0	0	0	0	0	0	0
8	UH	0	0	0	0	0	0	1,728
9	POH	0	0	0	0	0	0	1,728
10	FOH & EFOH	19	19	18	19	18	19	175
11	MOH & EMOH	48	48	47	48	47	48	456
12	Oper Mbtu	4,748,047	4,900,451	4,306,315	4,715,797	4,503,047	3,879,863	43,616,324
13	Net Gen (MWH)	688,023	712,482	620,149	682,954	651,294	552,451	6,302,937
14	ANOHR (Btu/KWH)	6,901	6,878	6,944	6,905	6,914	7,023	6,920
15	NOF (%)	75.3	78.0	70.1	74.8	73.7	60.5	73.0
16	NSC (MW)	1,228	1,228	1,228	1,228	1,228	1,228	1,228
17	ANOHR Equation	-8.28 x NOF + 7524						

CAPE CANAVERAL 3
FORCED OUTAGE FACTOR



MAINTENANCE OUTAGE FACTOR



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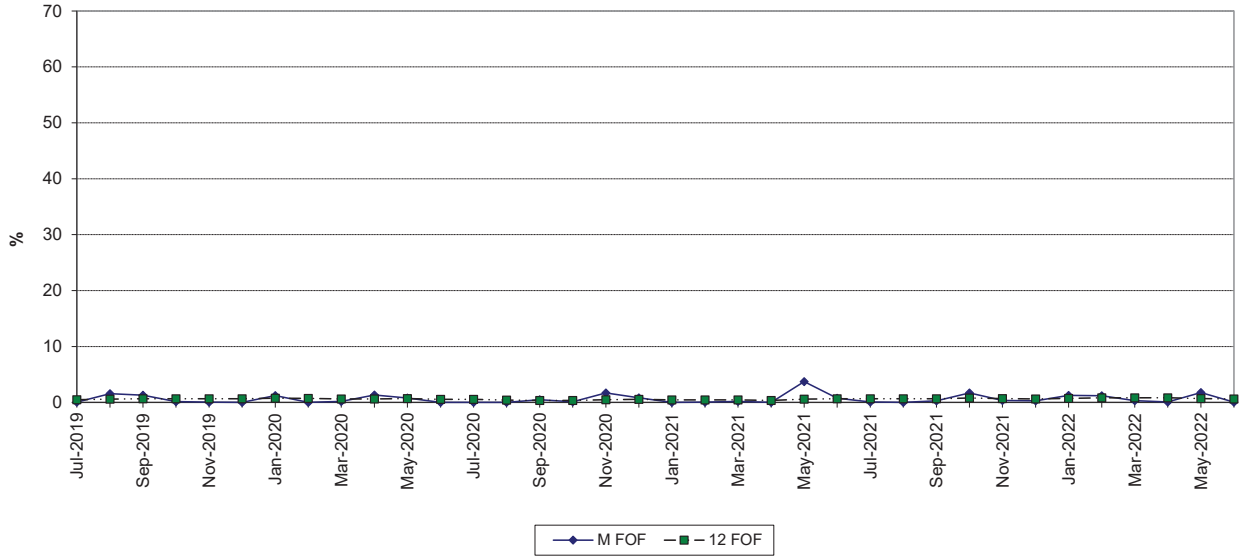
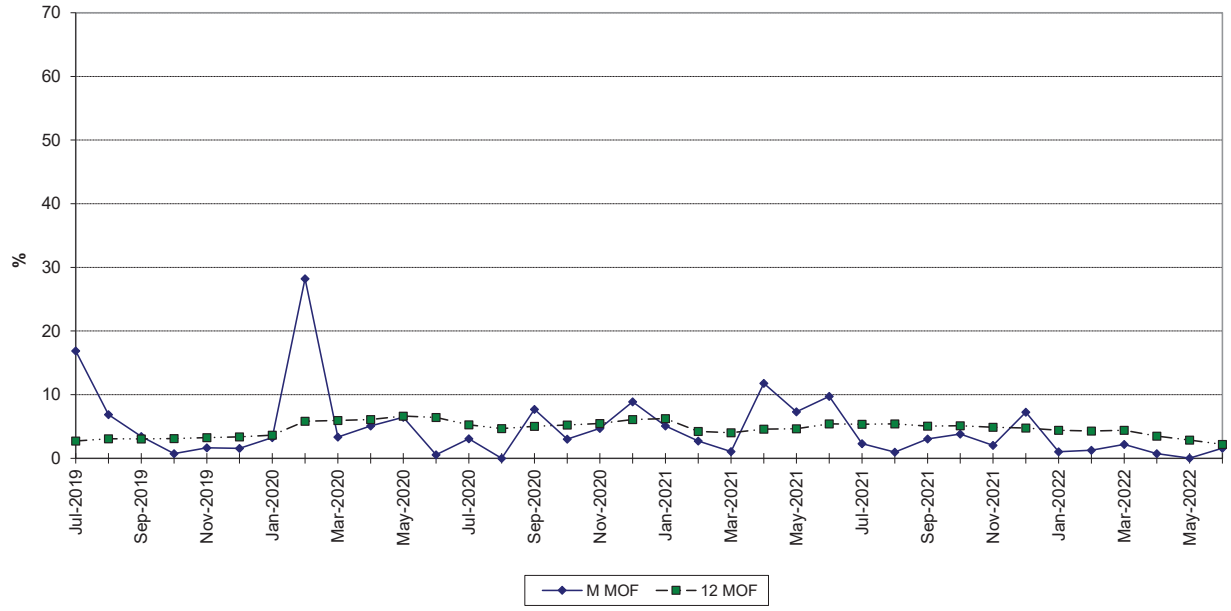
FORCED OUTAGE FACTOR



MAINTENANCE OUTAGE FACTOR



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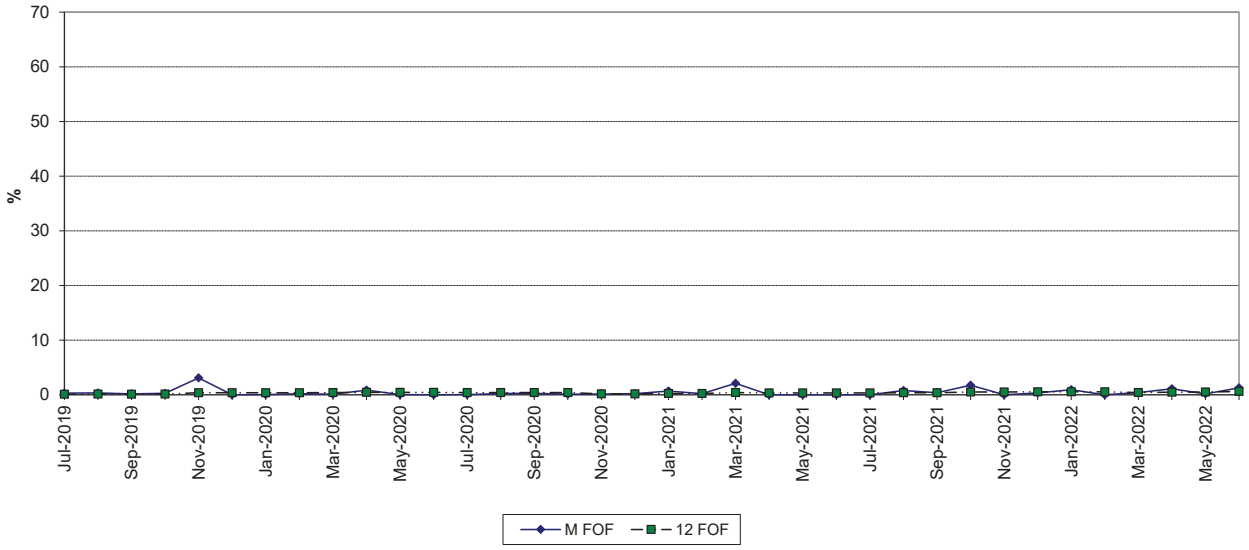

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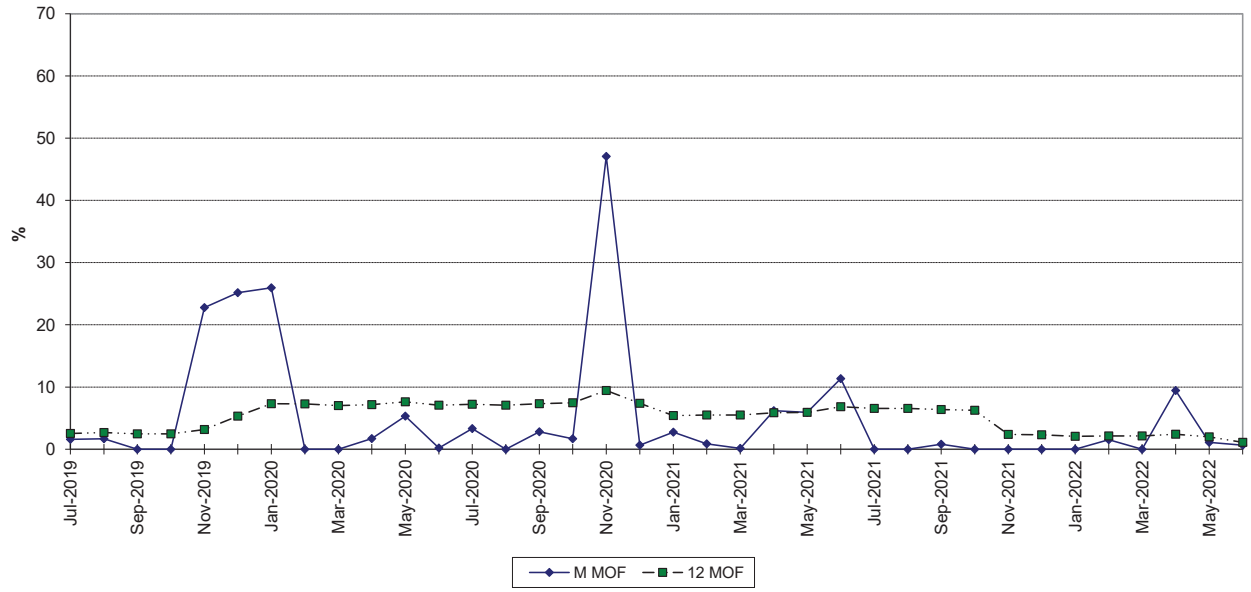

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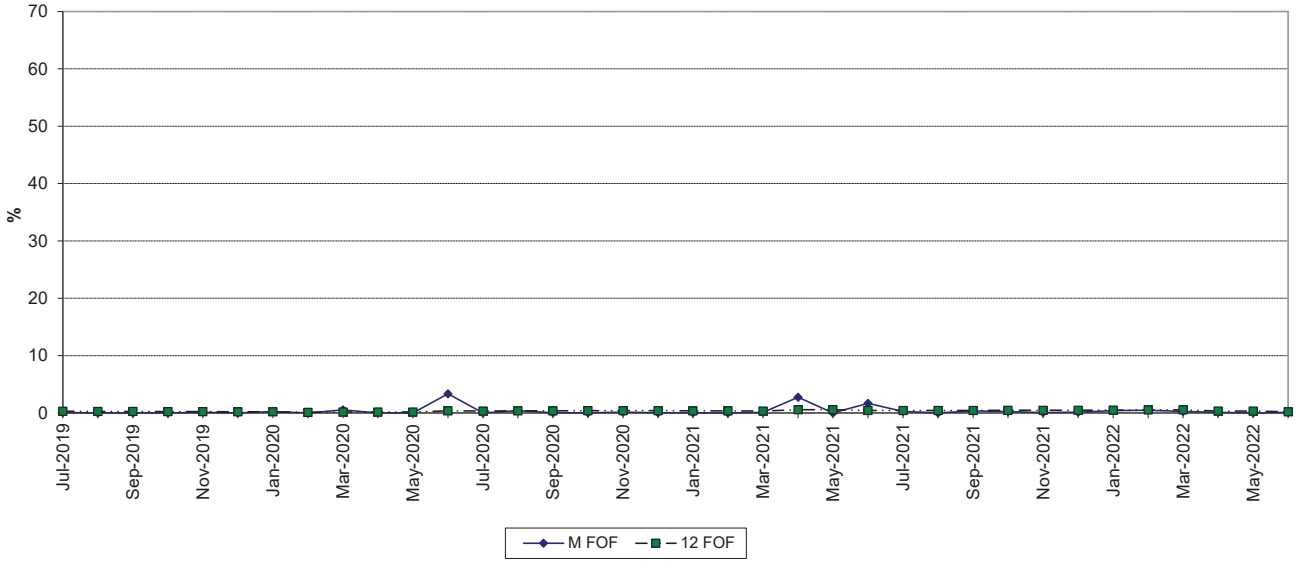
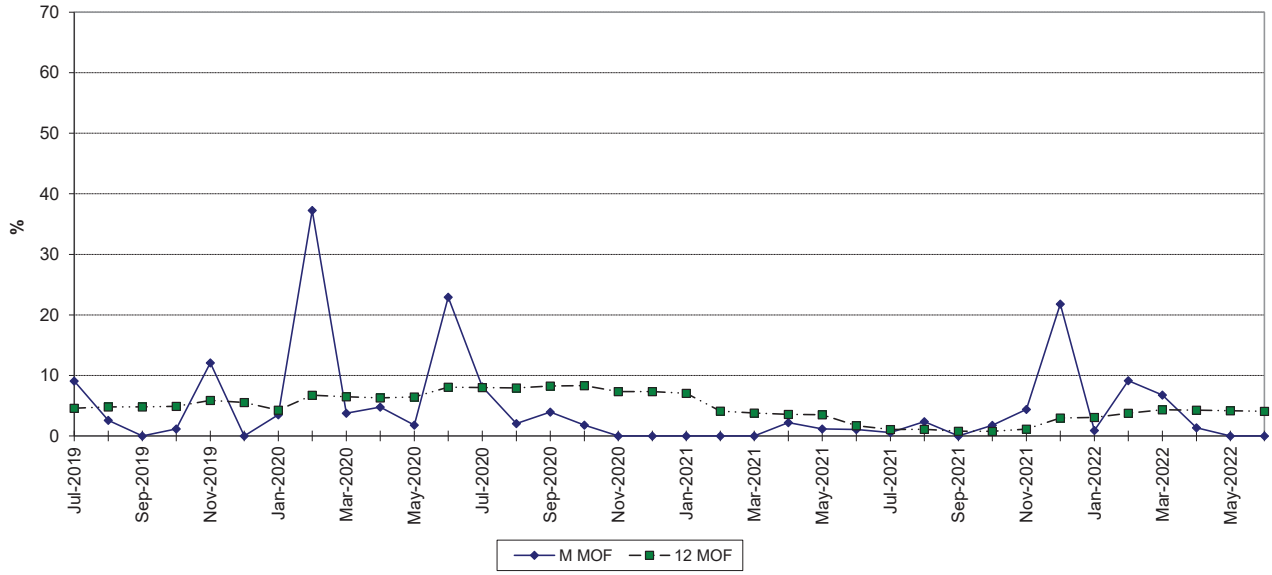


MAINTENANCE OUTAGE FACTOR



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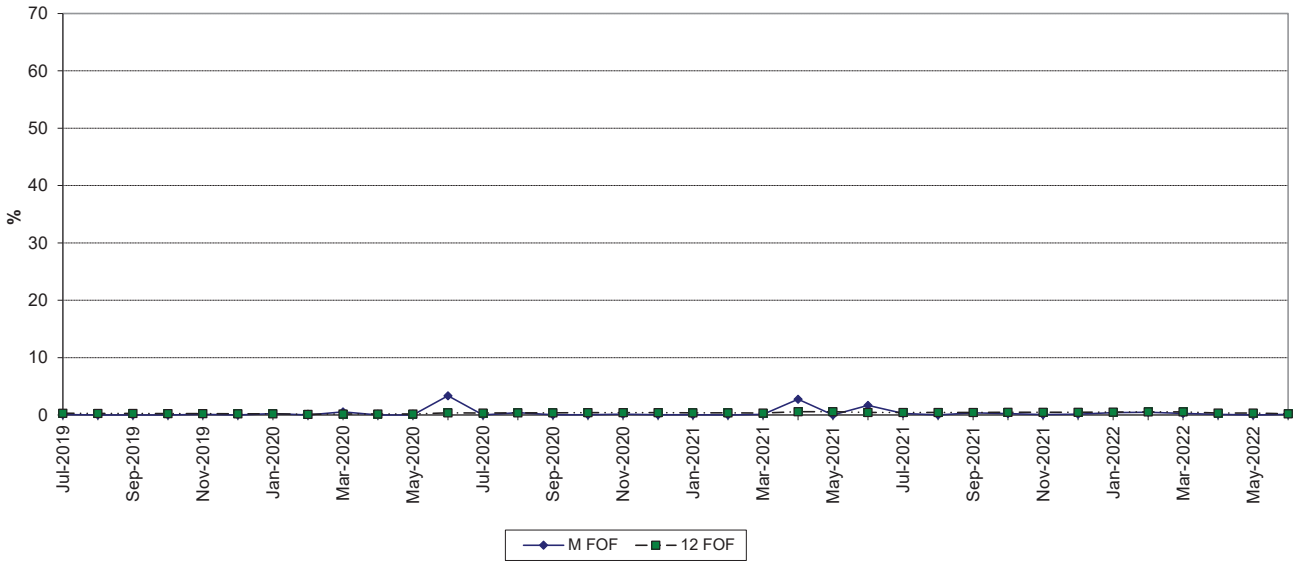
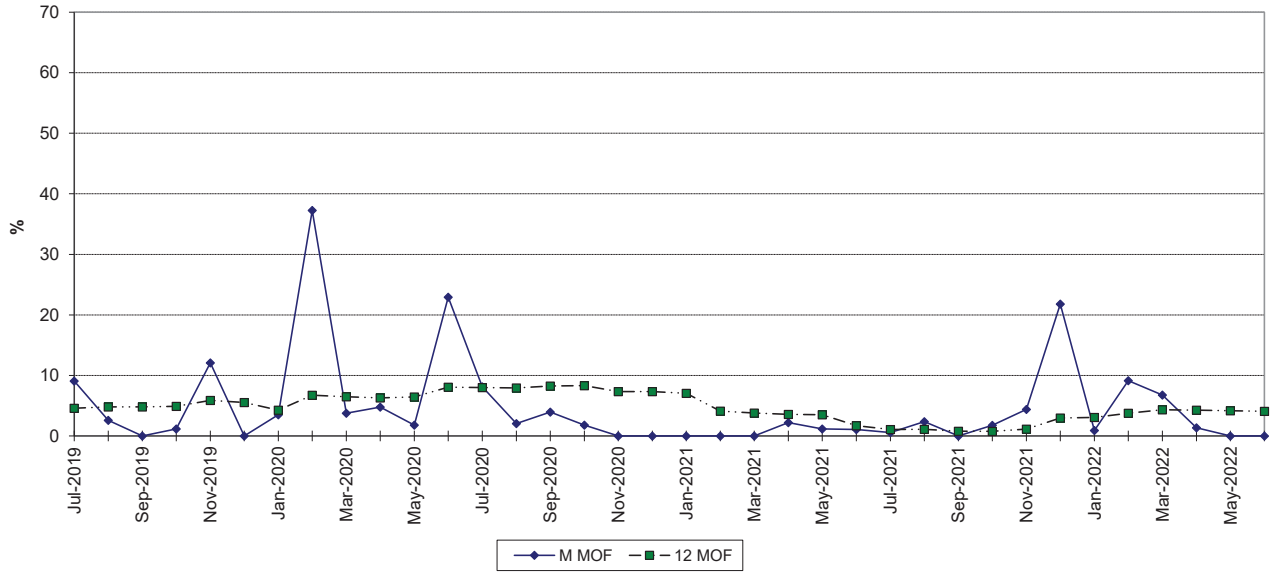
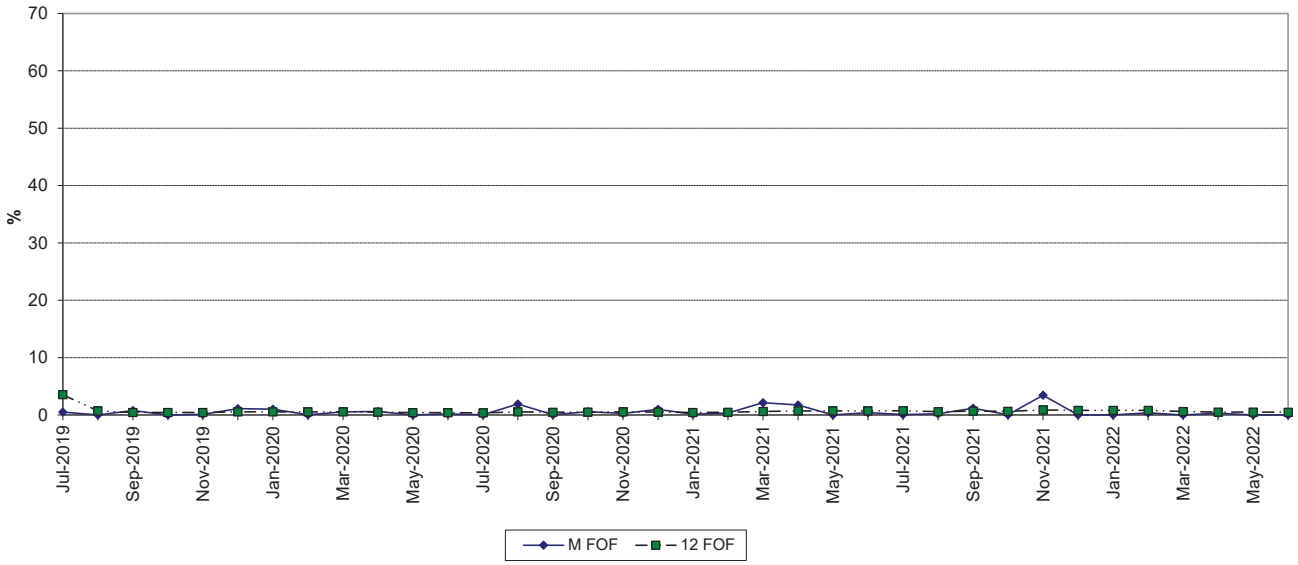


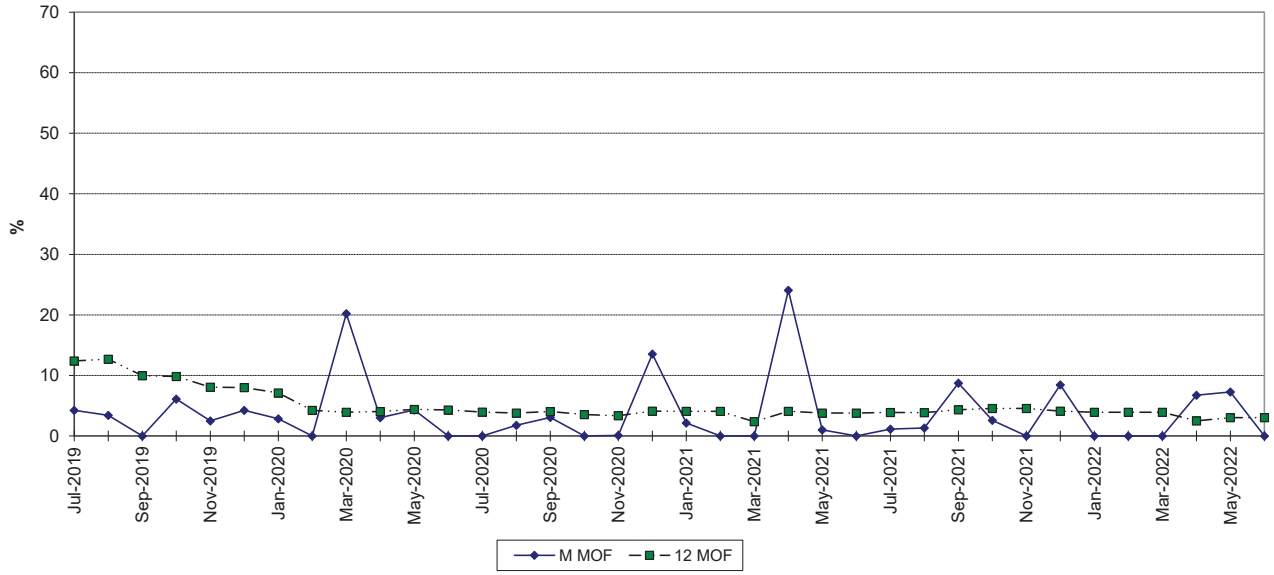
MAINTENANCE OUTAGE FACTOR



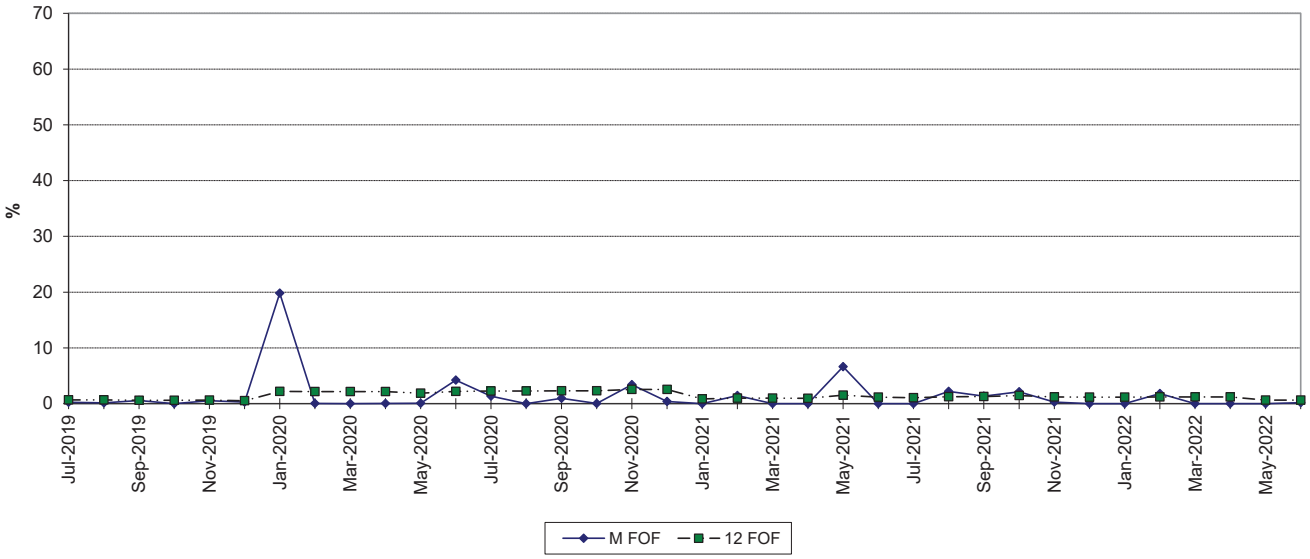
PORT EVERGLADES 5
FORCED OUTAGE FACTOR



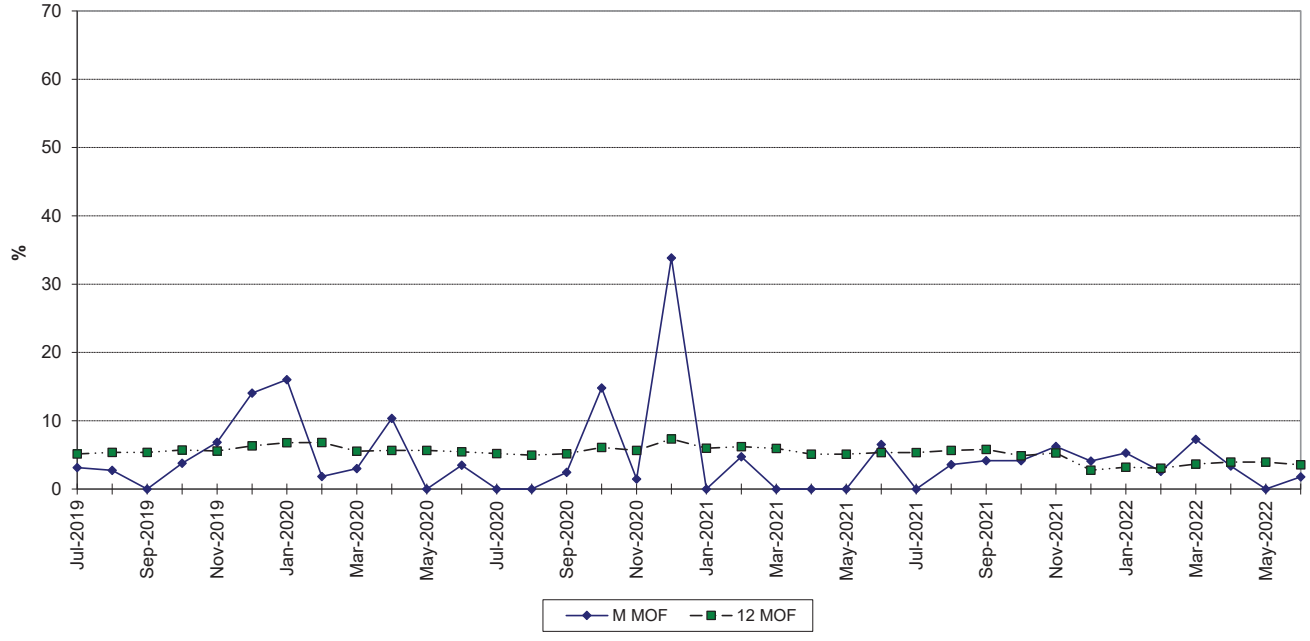
MAINTENANCE OUTAGE FACTOR



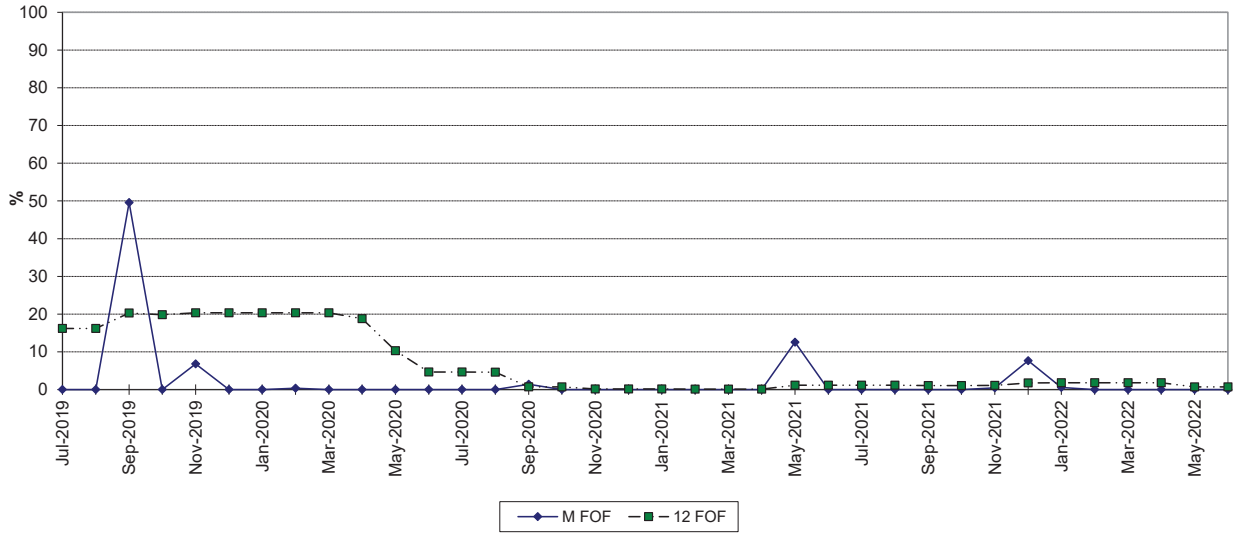
RIVIERA 5
FORCED OUTAGE FACTOR



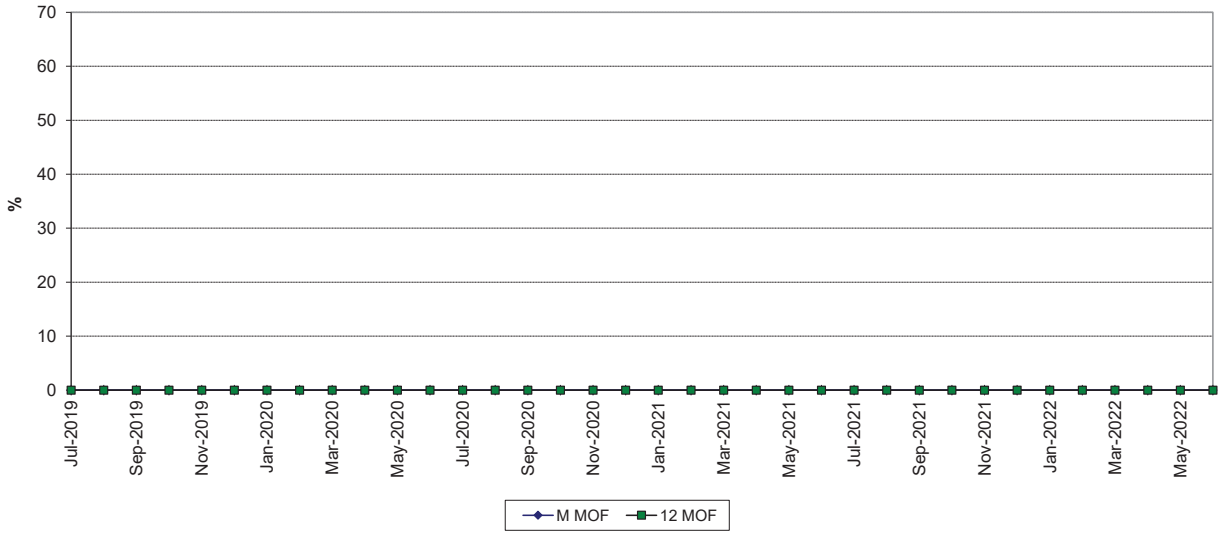
MAINTENANCE OUTAGE FACTOR



ST. LUCIE 1
FORCED OUTAGE FACTOR



MAINTENANCE OUTAGE FACTOR



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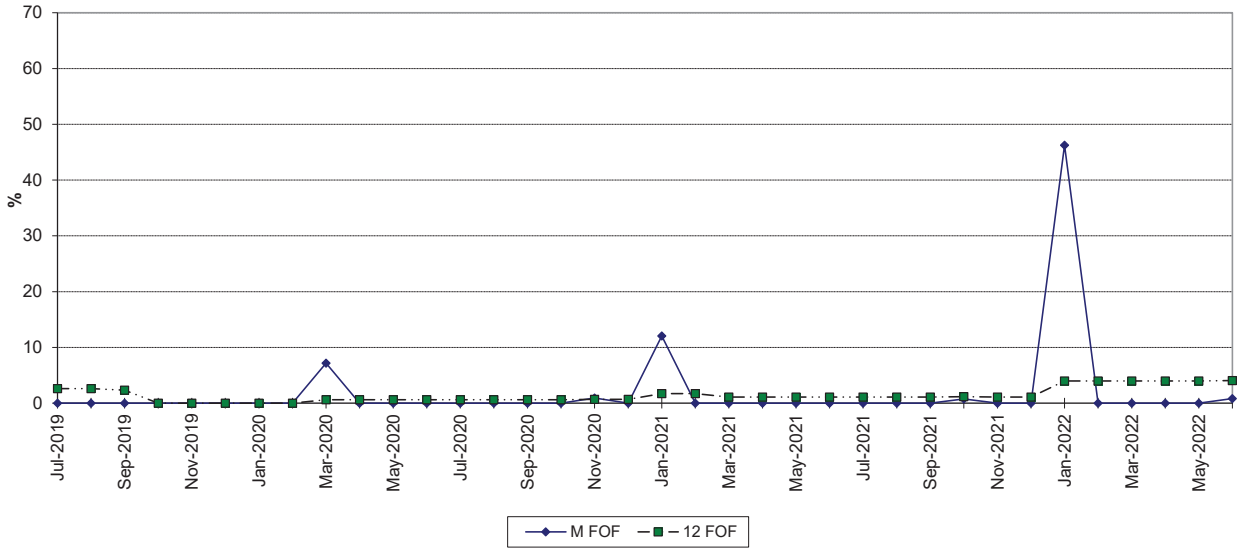
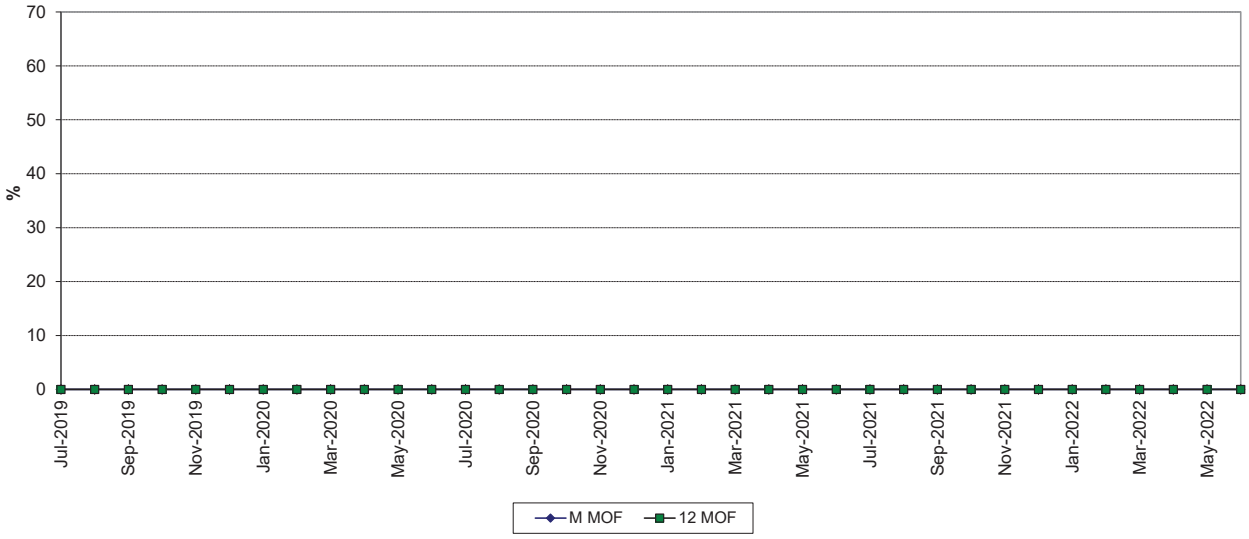
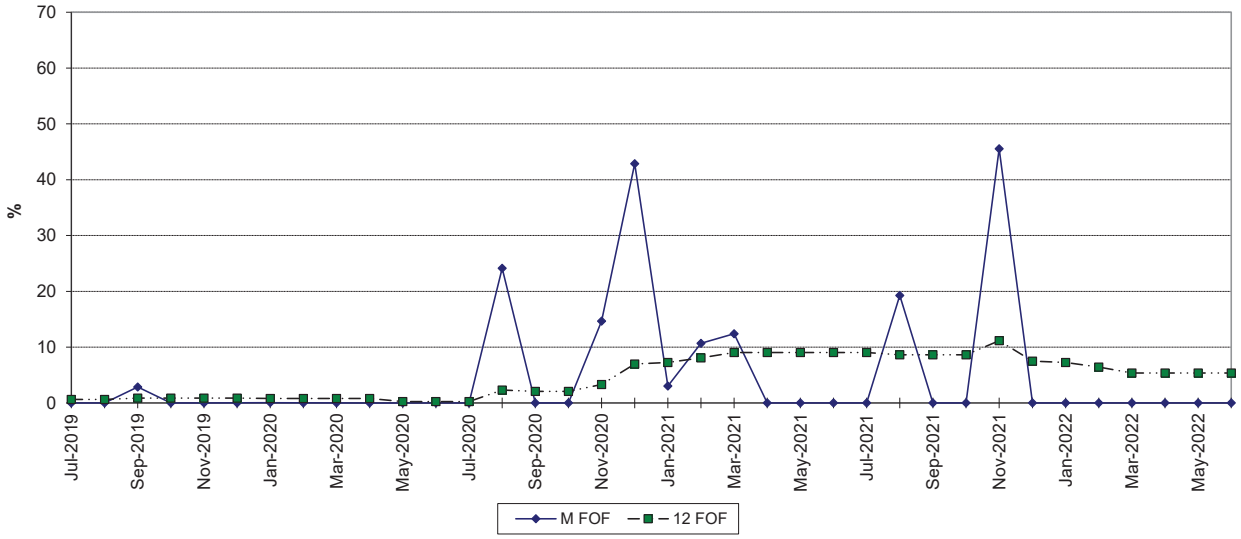
FORCED OUTAGE FACTOR



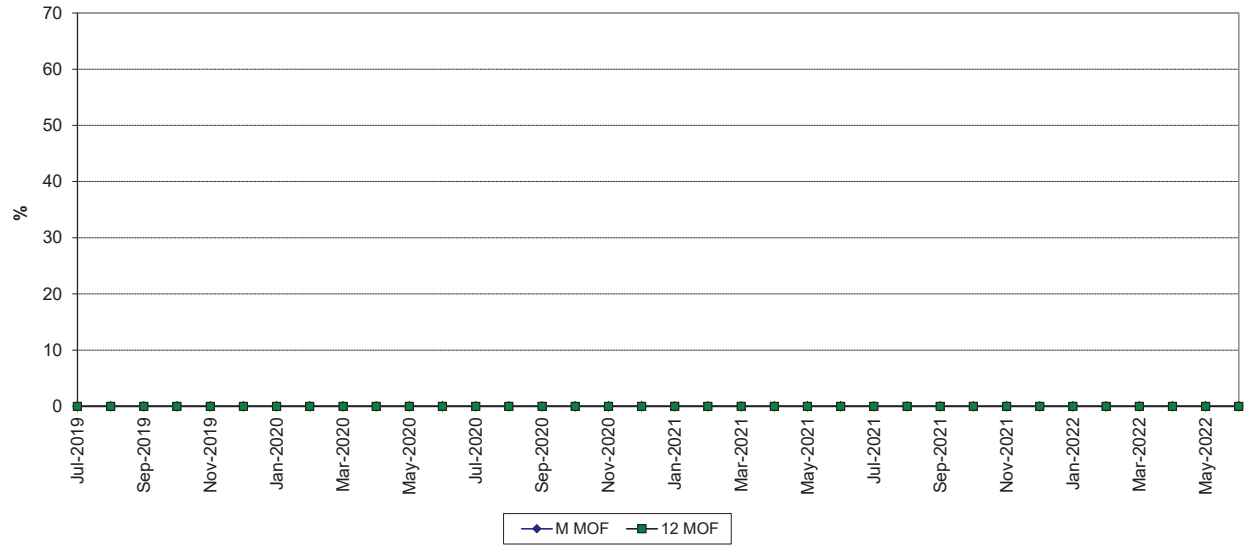
MAINTENANCE OUTAGE FACTOR



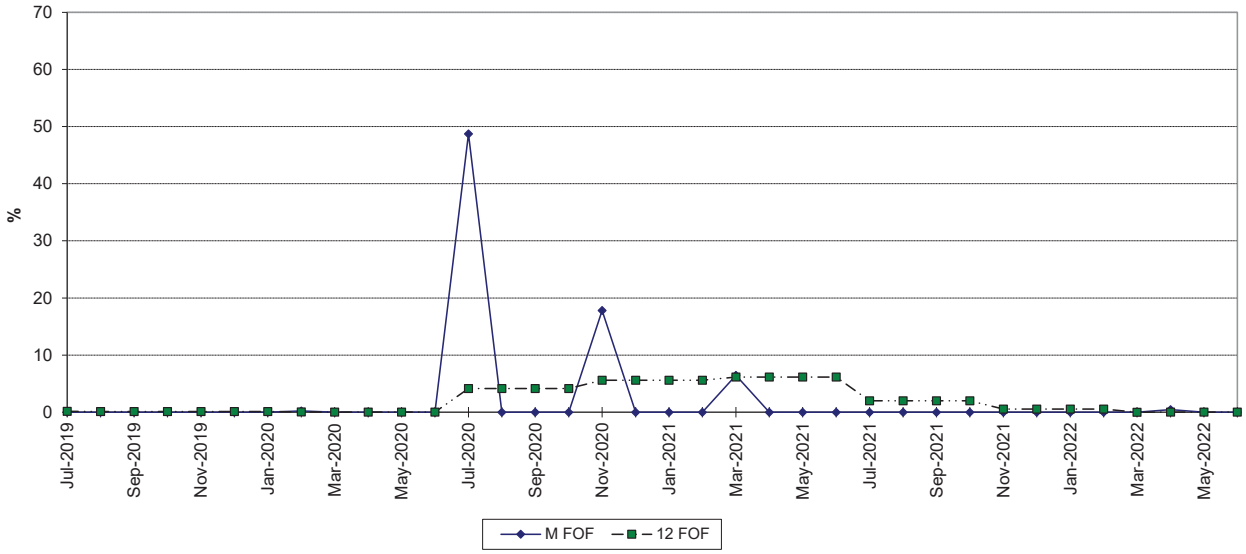
TURKEY POINT 3
FORCED OUTAGE FACTOR



MAINTENANCE OUTAGE FACTOR



TURKEY POINT 4
FORCED OUTAGE FACTOR



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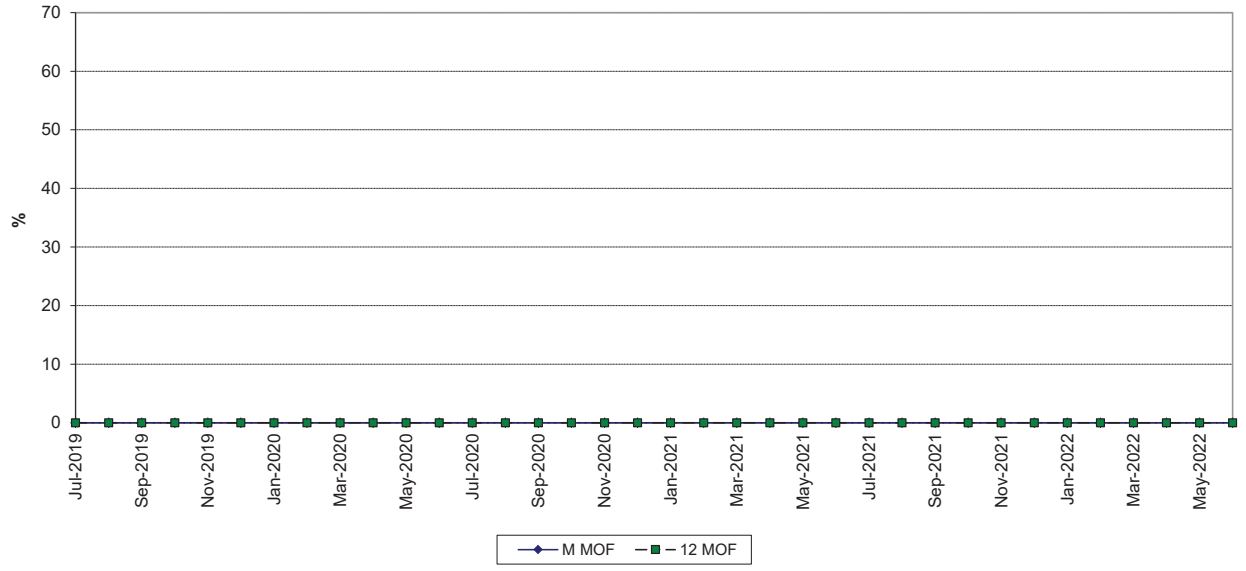
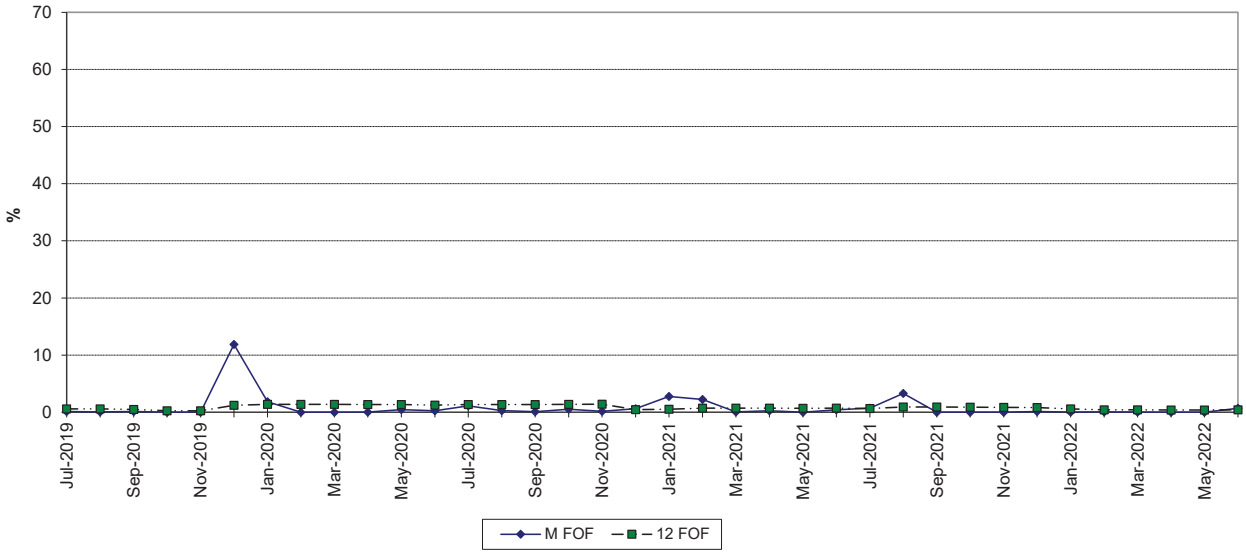
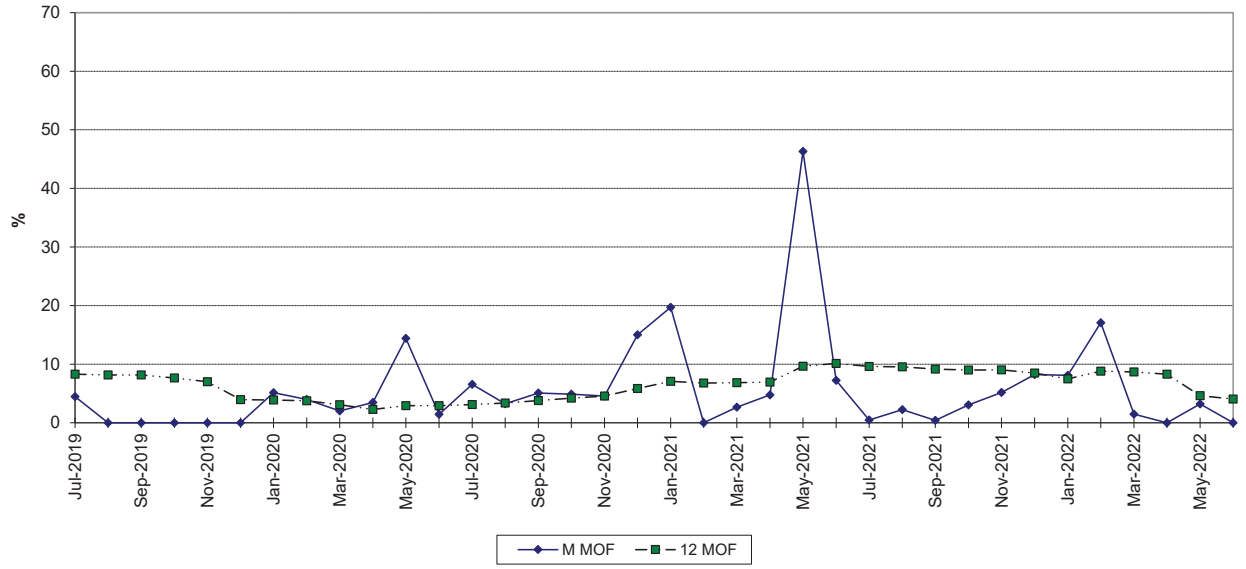


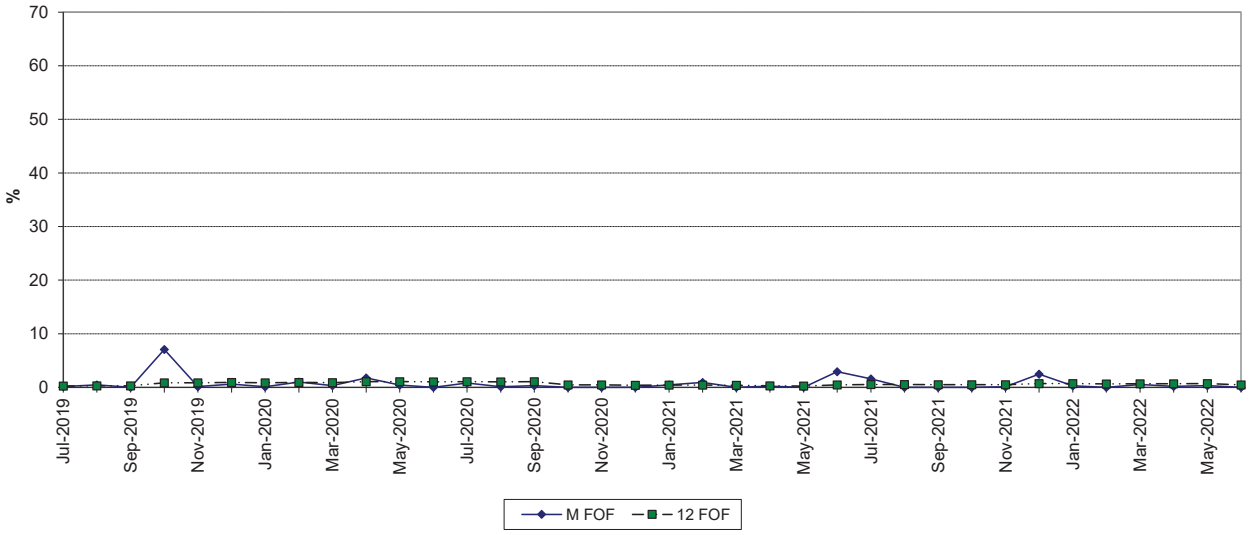
TURKEY POINT 5
FORCED OUTAGE FACTOR



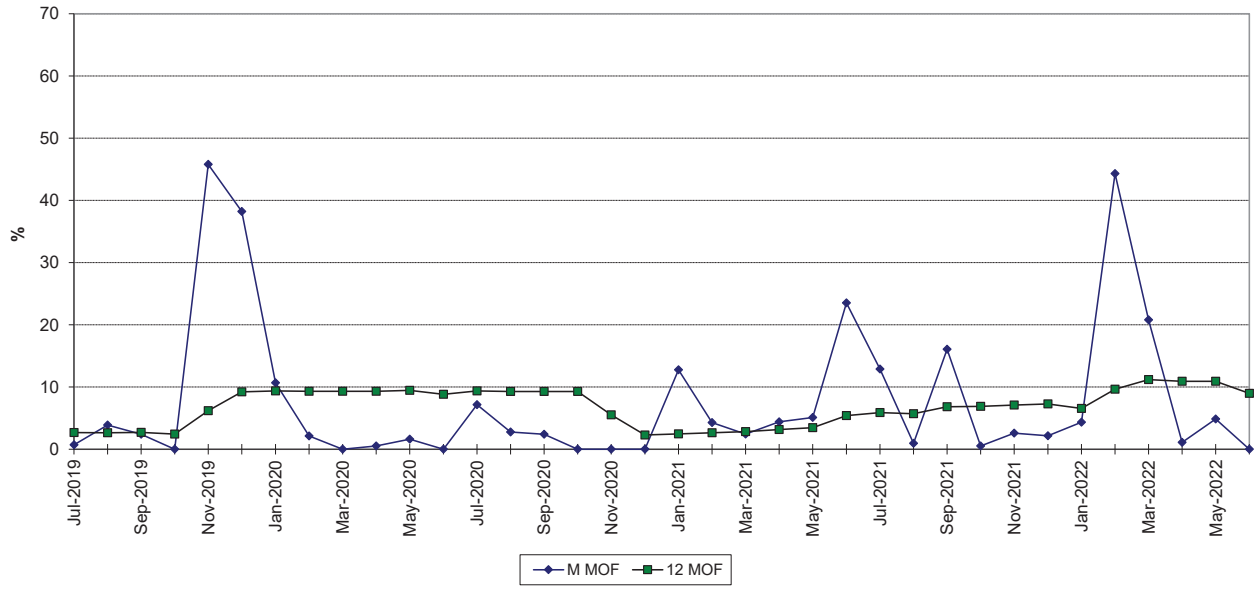
MAINTENANCE OUTAGE FACTOR



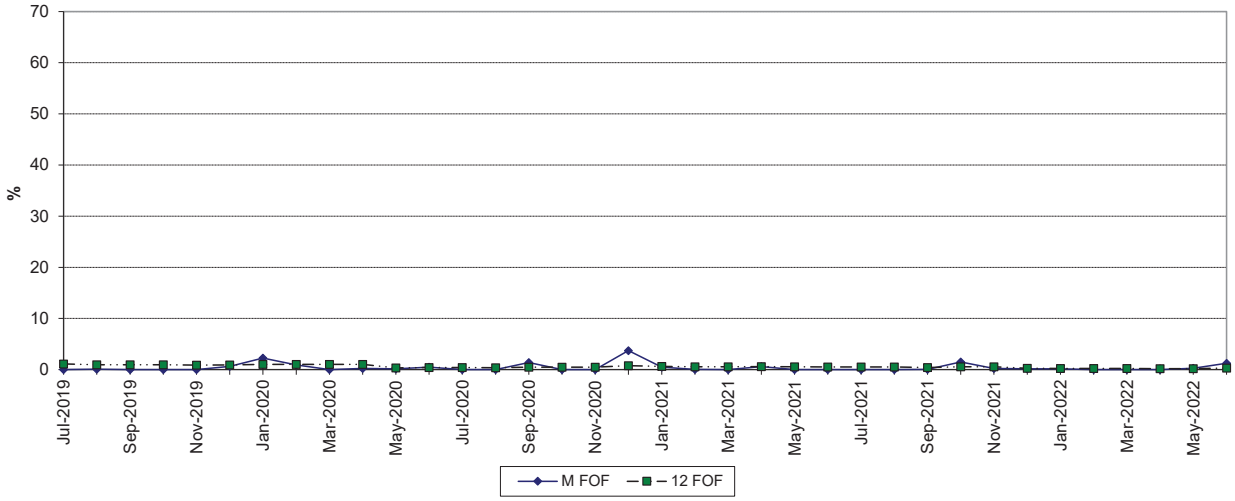
WEST COUNTY 1
FORCED OUTAGE FACTOR



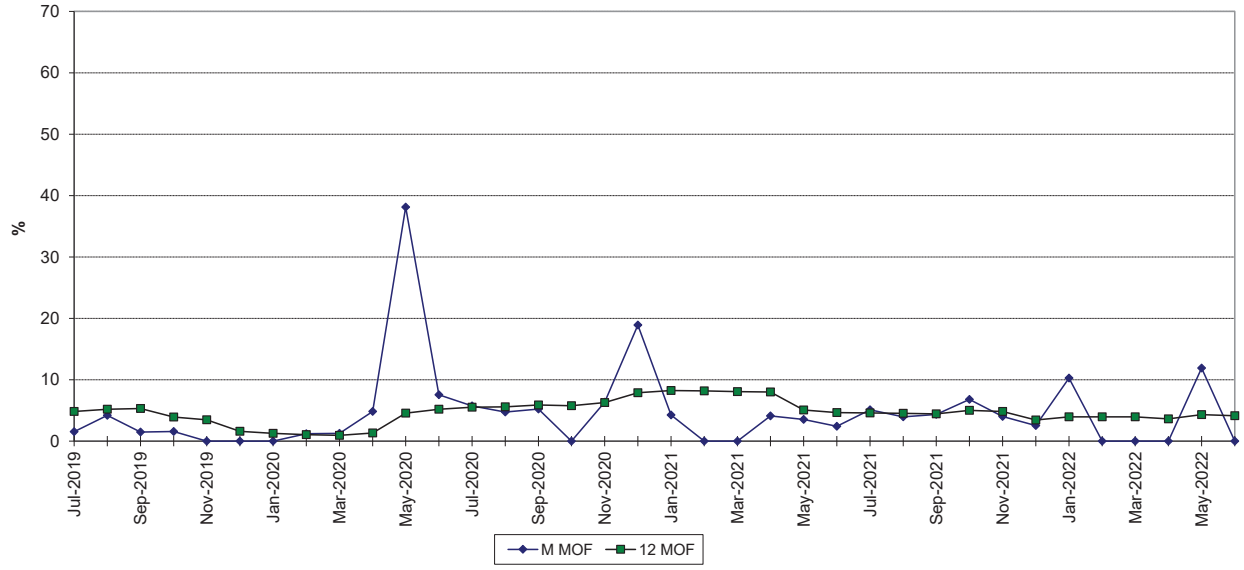
MAINTENANCE OUTAGE FACTOR



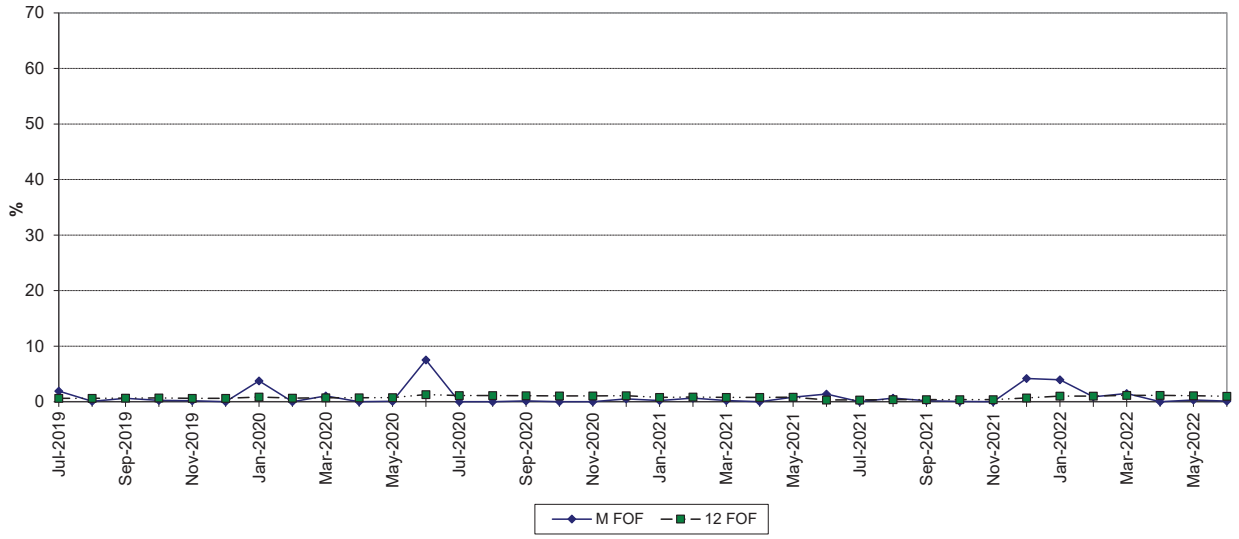
WEST COUNTY 2
FORCED OUTAGE FACTOR



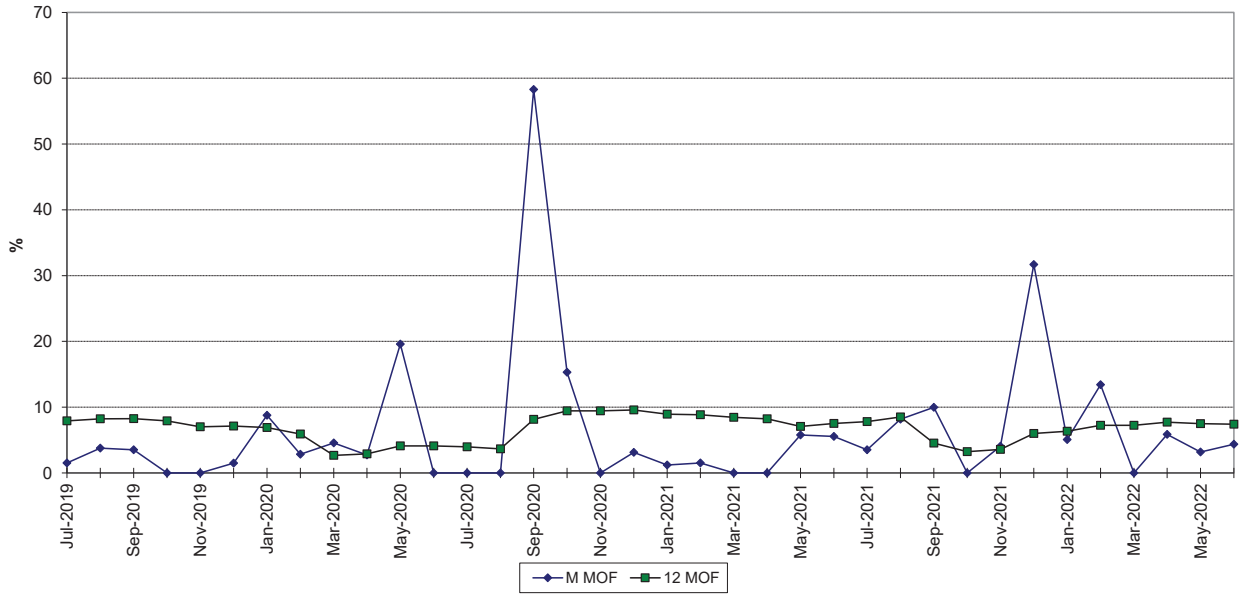
MAINTENANCE OUTAGE FACTOR



WEST COUNTY 3
FORCED OUTAGE FACTOR



MAINTENANCE OUTAGE FACTOR



Original Sheet No. 7.201.040

PLANNED OUTAGE SCHEDULE (ESTIMATED)

FLORIDA POWER & LIGHT COMPANY

PERIOD OF: JANUARY THROUGH DECEMBER, 2023

PLANT/UNIT	PLAN OUTAGE	REASON FOR OUTAGE	LR MW*
Cape Canaveral 3	10/01/2023 - 10/15/2023	2023-PCC32-CT MOD-CVC1	436
Ft. Myers 2	11/15/2023 - 12/14/2023	2023-PFM2E-CT HGP-TECH 2.0	291
Ft. Myers 2	09/18/2023 - 10/13/2023	2023-PFM2F-CT HGP-TECH 2.0	284
Ft. Myers 2	09/15/2023 - 10/10/2023	2023-PFM2A-CT HGP-TECH 2.0	284
Ft. Myers 2	05/06/2023 - 05/12/2023	2023-PFM2C-MAINTENANCE ANNUAL	284
Ft. Myers 2	03/24/2023 - 04/18/2023	2023-PFM2B-CT HGP-TECH 2.0	291
Manatee 3	11/13/2023 - 12/14/2023	2023-PMT3 STEAM TURB VALVES	1,265
Manatee 3	11/13/2023 - 12/14/2023	2023-PMT3D MAINTENANCE ANNUAL	-
Manatee 3	11/13/2023 - 12/14/2023	2023-PMT3C MAINTENANCE ANNUAL	-
Manatee 3	11/13/2023 - 12/14/2023	2023-PMT3B MAINTENANCE ANNUAL	-
Manatee 3	11/13/2023 - 12/14/2023	2023-PMT3A MAINTENANCE ANNUAL	-
Martin 8	10/15/2023 - 11/12/2023	2023-PMR8 STEAM TURB VALVES	1,227
Martin 8	10/15/2023 - 11/12/2023	2023-PMR8B MAINTENANCE ANNUAL	-
Martin 8	04/05/2023 - 05/01/2023	2023-PMR8D-CT HGP-TECH 2.0	305
Martin 8	04/02/2023 - 04/28/2023	2023-PMR8C-CT HGP-TECH 2.0	305
Martin 8	10/15/2023 - 11/12/2023	2023-PMR8A MAINTENANCE ANNUAL	-
Okeechobee 1	02/15/2023 - 03/23/2023	2023-POK11-CT MOD-ROTOR-HGP	536
Port Everglades 5	03/08/2023 - 04/08/2023	2023-PPE5 STEAM TURB VALVES	1,208
Port Everglades 5	03/08/2023 - 04/14/2023	2023-PPE53-CT HGP-CVC1	403
Port Everglades 5	03/08/2023 - 04/08/2023	2023-PPE51 MAINTENANCE-ANNUAL-CVC + R1B	-
Port Everglades 5	11/15/2023 - 12/14/2023	2023-PPE52 MAINTENANCE-ANNUAL-CVC + R1B	403
Riviera 5	10/30/2023 - 12/08/2023	2023-PRV52-CT HGP-CVC1 - GEN MAJOR	421
St. Lucie 1	NONE		n/a
St. Lucie 2	02/18/2023 - 03/22/2023	REFUELING	860
Turkey Point 3	04/08/2023 - 05/12/2023	REFUELING	837
Turkey Point 4	09/30/2023 - 11/07/2023	REFUELING	844
Turkey Point 5	05/16/2023 - 06/10/2023	2023-PTF5B-CT HGP-TECH 2.0	315
Turkey Point 5	05/13/2023 - 06/07/2023	2023-PTF5A-CT HGP-TECH 2.0	315
Turkey Point 5	02/11/2023 - 03/10/2023	2023-PTF5D-CT HGP-TECH 2.0	324
Turkey Point 5	02/08/2023 - 03/05/2023	2023-PTF5C-CT HGP-TECH 2.0	324
West County 1	03/01/2023 - 04/22/2023	2023-PWC1B-CT MAJOR-ROTOR-GENERATOR MAJOR	416
West County 1	01/16/2023 - 01/20/2023	2023-PWC1 MAINTENANCE-ANNUAL-FUEL TERMINAL-FLOATER-MOF	-
West County 1	01/16/2023 - 01/27/2023	2023-PWC1 MAINTENANCE-ANNUAL-ST- BOP	1,248
West County 2	12/04/2023 - 12/10/2023	2023-PWC2C MAINTENANCE ANNUAL	416
West County 2	11/27/2023 - 12/03/2023	2023-PWC2B MAINTENANCEANNUAL	416
West County 2	04/28/2023 - 06/18/2023	2023-PWC2A-CT MAJOR-ROTOR SWAP	408
West County 3	02/15/2023 - 04/27/2023	2023-PWC3C MAINTENANCE ANNUAL	-
West County 3	02/15/2023 - 04/27/2023	2023-PWC3B-CT MOD-R1B REPLACE	-
West County 3	02/15/2023 - 04/27/2023	2023-PWC3A MAINTENANCE ANNUAL	-
West County 3	02/15/2023 - 04/27/2023	2023-PWC3 STEAM TURB-HP IP-ST-MAJOR-GEN-MAJOR	1,254

*Approximate load reduction MW are based on the unit's estimated MW rating at the start of the outage period

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 28
PARTY: CDY-1
DESCRIPTION: Final True Up Schedules (Schedules A, C1 and E1-B for FPUC's Divisions)

Schedule A

FLORIDA PUBLIC UTILITIES
FINAL FUEL AND PURCHASED POWER OVER/(UNDER) RECOVERY
FOR THE PERIOD
JANUARY 2021 THROUGH DECEMBER 2021

CONSOLIDATED ELECTRIC DIVISION

1	JURISDICTIONAL FUEL COSTS (INCL. ALL ADJUSTMENTS)	$	49,477,917
2	JURISDICTIONAL FUEL REVENUES APPLICABLE TO THE PERIOD		42,339,324
3	ACTUAL OVER/(UNDER) RECOVERED FUEL COSTS FOR THE PERIOD		(7,138,593)
4	ADJUSTMENTS* (see below)		409,773
5	INTEREST		600
6	TRUE-UP REFUNDED		(297,168)
7	PRIOR PERIOD TRUE-UP (ACTUAL ENDING 12/20)		3,235,074
8	ACTUAL OVER/(UNDER) RECOVERY FOR THE PERIOD (LINE 3 + LINE4 + LINE 5 + LINE6 + LINE7)		(3,790,314)
9	PROJECTED OVER-RECOVERY PER PROJECTION FILED 7/27/20		2,257,470
10	**FINAL FUEL OVER/(UNDER) RECOVERY (LINE 8 - LINE 9)**	**$**	**(6,047,784)**

* *2020 True-up Provision 2020 to be collected/(refunded)* *$ 297,168*
State Income Tax reserve - 2021 *$ 112,605*
$ 409,773

Exhibit No._____
DOCKET NO. 20220001-EI
Florida Public Utilities Company
(CDY - 1)

FLORIDA PUBLIC UTILITIES COMPANY

Schedule E-1b

CALCULATION OF PURCHASED POWER COSTS AND CALCULATION OF TRUE-UP AND INTEREST PROVISION-EXCLUDING GSLD1

ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2021 THROUGH DECEMBER 2021

BASED ON SIX MONTHS ACTUAL AND SIX MONTHS ESTIMATED

(EXCLUDES LINE LOSS , EXCLUDES TAXES)

CONSOLIDATED

	ACTUAL Jan 2021	ACTUAL Feb 2021	ACTUAL Mar 2021	ACTUAL Apr 2021	ACTUAL May 2021	ACTUAL Jun 2021	Estimated Jul 2021	Estimated Aug 2021	Estimated Sep 2021	Estimated Oct 2021	Estimated Nov 2021	Estimated Dec 2021	Total
Total System Sales - KWH	52,874,806	51,928,871	41,401,194	42,601,215	45,324,407	53,512,733	61,605,564	62,149,595	63,143,053	57,849,294	44,600,254	52,911,953	629,902,939
West-Rock Purchases - KWH	860,000	460,000	480,000	950,000	410,000	390,000	250,000	640,000	490,000	200,000	470,000	160,000	5,760,000
Rayonier Purchases - KWH - On Peak	126,081	108,576	136,304	65,760	31,737	19,350	205,530	145,080	162,130	108,810	102,300	119,040	1,330,698
Rayonier Purchases - KWH - Off Peak	206,531	148,285	385,106	267,208	264,991	146,201	457,470	322,920	360,870	242,190	227,700	264,960	3,294,432
Eight Flags Purchases - KWH - KWH	14,637,336	13,701,176	14,673,779	13,866,243	13,825,504	13,208,427	15,700,000	14,600,000	14,200,000	16,000,000	15,900,000	16,000,000	176,312,465
FPL Purchases - KWH	14,231,433	10,931,488	9,187,218	9,169,228	15,002,066	21,879,797	21,069,192	22,165,597	22,991,591	17,096,734	10,287,307	10,309,189	184,320,840
Gulf Purchases - KWH	25,558,119	22,278,124	21,218,738	20,092,785	24,314,084	28,026,888	27,003,648	27,383,477	28,095,613	27,094,025	19,842,959	28,704,359	299,612,819
Generation Demand - KW - FPL	77,098	51,754	29,343	36,275	52,779	60,923	66,531	72,236	77,229	72,644	37,799	38,614	673,225
Generation Demand - KW - Gulf	62,752	63,761	45,163	44,427	53,967	59,685	65,000	64,400	61,400	58,500	49,200	59,500	687,755
Transmission Demand - KW - FPL	93,618	6,697	10,785	50,115	52,779	62,685	78,900	64,300	70,900	63,600	49,400	37,900	641,679
Transmission Demand - KW - Southern	-	-	-	-	-	-	56,500	56,300	54,900	55,200	55,200	55,800	333,900
Purchased Power Rates:													
West Rock Fuel Costs - $/KWH	0.03156	0.02550	0.05305	0.02787	0.03016	0.03515	0.03197	0.03197	0.03197	0.03197	0.03197	0.03197	
Rayonier Energy Charge - On Peak - $/KWH	0.03491	0.03491	0.03491	0.03287	0.03592	0.03592	0.04282	0.04282	0.04282	0.04282	0.04282	0.04282	
Rayonier Energy Charge - Off Peak - $/KWH	0.03248	0.03248	0.03248	0.02937	0.03309	0.03309	0.02922	0.02922	0.02922	0.02922	0.02922	0.02922	
Eight Flags Charge - $/KWH	0.08170	0.08564	0.08265	0.07880	0.08336	0.09489	0.07999	0.07999	0.07999	0.07999	0.07999	0.07999	
Base Fuel Costs - $/KWH - FPL	0.02691	0.02368	0.05547	0.02379	0.03070	0.03297	0.03180	0.03197	0.03233	0.03122	0.03086	0.02988	
Base Fuel Costs - $/KWH GULF 0.974	0.02477	0.04546	0.02328	0.02325	0.02689	0.03062	0.02613	0.02627	0.02684	0.02757	0.02764	0.02754	
Energy Charge - $/KWH - FPL	0.00618	0.00713	0.00799	0.00777	0.00573	0.00460	0.00464	0.00450	0.00437	0.00517	0.00592	0.00788	
Demand and Non-Fuel:													
Demand Charge - $/KW - FPL	6.23966	6.75134	7.87414	7.37268	6.70892	6.51389	6.07669	6.01139	5.96216	6.00712	6.70507	6.67437	
Demand Charge - $/KW - Gulf	7.96704	7.92404	9.02522	9.08776	8.40934	8.10666	7.87308	7.89752	8.02687	8.16453	8.71545	8.11555	
Distribution Facility Charge	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	5.09680	5.09680	5.09680	5.09680	5.09680	5.09680	
Transmission Charge $/KW - FPL	2.65673	0.67989	2.42416	2.49291	2.50408	2.50334	2.66212	2.66212	2.66212	2.66212	2.66212	2.66212	
Transmission Charge $/KW - Southern	3.01632	3.01632	3.01631	3.01635	3.06438	3.31430	2.17647	2.13805	1.94602	1.76038	1.16505	1.82440	
Purchased Power Costs:													
West-Rock Fuel Costs	27,144	11,730	25,466	26,479	12,364	13,707	7,993	20,461	15,665	6,394	15,026	5,115	187,544
Rayonier Standby Costs	11,109	8,606	17,265	10,011	9,910	5,533	22,168	15,648	17,487	11,736	11,033	12,839	153,345
Eight Flags	1,195,928	1,173,373	1,212,719	1,092,712	1,152,500	1,253,294	1,255,843	1,167,854	1,135,858	1,279,840	1,271,841	1,279,840	14,471,602
Gulf Base Fuel Costs	632,992	1,012,728	494,002	467,072	653,832	858,321	705,711	719,449	753,949	746,859	548,512	790,535	8,383,962
FPL Base Fuel Costs	382,989	258,897	509,633	218,156	460,502	721,357	669,939	708,655	743,352	533,778	317,505	308,018	5,832,781
Gulf/FPL Fuel Adjustment	87,948	77,933	73,399	71,252	85,897	100,588	97,828	99,802	100,393	88,306	60,931	81,191	1,025,468
Subtotal Fuel Costs	2,338,110	2,543,267	2,332,484	1,885,682	2,375,005	2,952,800	2,759,482	2,731,869	2,766,704	2,666,913	2,224,848	2,477,538	30,054,701
Demand and Non-Fuel Costs: Demand Capacity Charge	981,013	854,654	638,657	671,186	807,917	880,692	916,038	942,839	953,302	914,006	682,245	740,599	9,983,148
Distr. Fac. Charge	267,411	269,519	268,231	270,586	200,918	303,859	321,969	320,950	313,814	315,343	315,343	318,401	3,486,345
Customer Charges	4,000	4,000	4,000	4,000	(676)	4,000	4,000	4,000	4,000	4,000	4,000	4,000	43,324
Transmission Charge	248,717	4,553	16,796	124,932	132,163	182,860	(13,759)	171,174	188,744	169,311	131,509	100,894	1,457,894
Subtotal Demand & Non-Fuel Costs	1,501,141	1,132,726	927,684	1,070,704	1,140,322	1,371,411	1,228,248	1,438,963	1,459,860	1,402,660	1,133,097	1,163,894	14,970,711
Total System Purchased Power Costs	3,839,251	3,675,993	3,260,168	2,956,385	3,515,327	4,324,211	3,987,730	4,170,832	4,226,564	4,069,573	3,357,945	3,641,432	45,025,412
Less Direct Billing To GSLD1 Class: Demand	50,201	(16,699)	4,476	12,317	4,283	26,223	31,227	31,227	31,227	31,227	31,227	31,227	268,163
Commodity	121,107	24,456	25,553	20,995	21,407	76,854	93,477	130,043	120,261	174,383	77,864	113,591	999,991
Net Purchased Power Costs	3,667,943	3,668,236	3,230,139	2,923,074	3,489,636	4,221,134	3,863,026	4,009,562	4,075,076	3,863,963	3,248,854	3,496,614	43,757,258
	0	0	0	0	0	0	0	0	0	0	0	0	0
Special Costs*	11,627	13,814	33,062	2,825	10,469	2,920	17,850	17,850	19,300	17,850	17,850	20,300	185,717
Total Costs and Charges	3,679,570	3,682,050	3,263,201	2,925,899	3,500,105	4,224,054	3,880,876	4,027,412	4,094,376	3,881,813	3,266,704	3,516,914	43,942,975
Sales Revenues - Fuel Adjustment Revenues:													
RS< 0.06956	1,540,902	1,087,521	1,156,347	1,140,796	1,175,279	1,321,770	1,415,734	1,405,875	1,410,875	1,365,609	1,193,123	1,235,658	15,449,489
RS> 0.08205	980,090	505,946	308,431	271,374	339,743	610,924	821,693	759,486	762,416	456,168	226,258	382,528	6,425,056
GS 0.07029	370,083	236,586	265,145	273,702	295,568	345,684	365,340	373,833	372,503	363,432	287,399	315,737	3,865,013
GSD 0.06714	974,649	585,169	692,945	868,785	817,129	934,023	1,065,280	1,114,949	1,146,822	1,067,805	953,212	996,200	11,216,968
GSLD 0.06490	496,074	261,171	348,529	394,877	431,147	458,117	509,228	500,005	538,236	514,459	295,109	567,262	5,314,213
LS 0.05068	43,387	19,057	39,765	32,371	31,433	31,469	31,818	31,712	32,016	31,852	31,586	31,335	387,800
Unbilled Fuel Revenues	233,769	(112,954)	(288,440)	97,317	30,689	269,919	0	0	0	0	0	0	230,300
Total Fuel Revenues (Excl. GSLD1)	4,638,954	2,582,495	2,522,721	3,079,221	3,120,988	3,971,907	4,209,093	4,185,860	4,262,868	3,799,325	2,986,687	3,528,720	42,888,839
GSLD1 Fuel .17197	171,308	7,757	30,029	33,312	25,690	103,077	124,704	161,270	151,488	205,610	109,091	144,818	1,268,154
Non-Fuel Revenues	3,528,385	3,283,362	2,819,190	2,681,475	2,875,703	3,355,587	2,935,746	2,719,565	2,612,438	2,001,707	2,309,709	2,354,529	33,477,397
Total Sales Revenue	8,338,647	5,873,614	5,371,940	5,794,008	6,022,381	7,430,571	7,269,543	7,066,695	7,026,794	6,006,642	5,405,487	6,028,067	77,634,389
KWH Sales: RS<	18,979,261	18,677,133	16,718,224	16,415,853	16,893,791	19,007,203	20,352,705	20,210,975	20,282,844	19,632,104	17,152,434	17,763,911	222,086,438
RS>	10,131,695	8,061,961	3,678,619	3,307,535	4,142,322	7,440,910	10,014,536	9,256,380	9,292,086	5,559,630	2,757,558	4,662,135	78,305,367
GS	4,378,966	4,254,761	3,799,029	3,843,665	4,205,013	4,874,844	5,197,605	5,318,433	5,299,516	5,170,459	4,088,757	4,491,917	54,922,965
GSD	11,948,097	11,283,687	10,295,713	11,863,424	12,170,221	13,880,393	15,866,545	16,606,330	17,081,061	15,904,162	14,197,382	14,837,656	165,934,671
GSLD	6,256,578	5,410,697	5,370,012	6,084,084	6,642,912	7,058,452	7,846,346	7,704,242	8,293,317	7,926,944	4,547,133	8,740,548	81,881,265
GSLD1	560,000	3,620,000	920,000	460,000	650,000	630,000	1,700,000	2,427,500	2,262,500	3,027,500	1,233,750	1,797,500	19,288,750
LS	620,209	620,632	619,597	626,654	620,148	620,931	627,827	625,735	631,729	628,495	623,240	618,286	7,483,483
Total KWH Sales	52,874,806	51,928,871	41,401,194	42,601,215	45,324,407	53,512,733	61,605,564	62,149,595	63,143,053	57,849,294	44,600,254	52,911,953	629,902,939
True-up Calculation (Excl. GSLD1):													
Fuel Revenues	4,638,954	2,582,495	2,522,721	3,079,221	3,120,988	3,971,907	4,209,093	4,185,860	4,262,868	3,799,325	2,986,687	3,528,720	42,888,839
True-up Provision - collect/(refund)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(297,168)
Gross Receipts Tax Refund													0
Fuel Revenue	4,663,718	2,607,259	2,547,485	3,103,985	3,145,752	3,996,671	4,233,857	4,210,624	4,287,632	3,824,089	3,011,451	3,553,484	43,186,007
Net Purchased Power and Other Fuel Costs	3,679,570	3,682,050	3,263,201	2,925,899	3,500,105	4,224,054	3,880,876	4,027,412	4,094,376	3,881,813	3,266,704	3,516,914	43,942,975
True-up Provision for the Period	984,148	(1,074,791)	(715,716)	178,086	(354,353)	(227,383)	352,981	183,212	193,256	(57,724)	(255,253)	36,570	(756,969)
Interest Provision for the Period	279	179	114	80	67	58	59	66	71	72	67	63	1,175
Beginning of Period True-up and Interest Provision	3,235,074	4,194,737	3,095,361	2,354,995	2,508,397	2,129,347	1,877,258	2,205,533	2,364,048	2,532,610	2,450,194	2,170,243	3,235,074
True-up Collected or (Refunded)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(297,168)
Annual State Income Tax Savings												75,358	75,358
End of Period, Net True-up and Int. Prov.	4,194,737	3,095,361	2,354,995	2,508,397	2,129,347	1,877,258	2,205,533	2,364,048	2,532,610	2,450,194	2,170,243	2,257,470	2,257,470
Beginning True-up Amount	3,235,074	4,194,737	3,095,361	2,354,995	2,508,397	2,129,347	1,877,258	2,205,533	2,364,048	2,532,610	2,450,194	2,170,243	
Ending True-up Amount Before Interest	4,194,458	3,095,182	2,354,881	2,508,317	2,129,280	1,877,200	2,205,474	2,363,982	2,532,539	2,450,122	2,170,176	2,182,049	Interest Provision:
Total Beginning and Ending True-up	7,429,532	7,289,919	5,450,242	4,863,312	4,637,677	4,006,546	4,082,732	4,569,515	4,896,587	4,982,732	4,620,370	4,352,293	5.01%
Average True-up Amount	3,714,766	3,644,960	2,725,121	2,431,656	2,318,838	2,003,273	2,041,366	2,284,757	2,448,293	2,491,366	2,310,185	2,176,146	
Average Annual Interest Rate	0.0900%	0.0650%	0.0500%	0.0400%	0.0350%	0.0350%	0.0350%	0.0350%	0.0350%	0.0350%	0.0350%	0.0350%	
Interest Provision	279	179	114	80	67	58	59	66	71	72	67	63	

* Includes: Consulting fees, Legal fees and Taxes on Company Use.

Exhibit No._____
DOCKET NO. 20220001-EI
Florida Public Utilities Company
(CDY-1)

FLORIDA PUBLIC UTILITIES COMPANY

Schedule C1

CALCULATION OF PURCHASED POWER COSTS AND CALCULATION OF TRUE-UP AND INTEREST PROVISION-EXCLUDING GSLD1

ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2021 THROUGH DECEMBER 2021

BASED ON TWELVE MONTHS ACTUAL

(EXCLUDES LINE LOSS , EXCLUDES TAXES)

	2021												
	ACTUAL JANUARY	ACTUAL FEBRUARY	ACTUAL MARCH	ACTUAL APRIL	ACTUAL MAY	ACTUAL JUNE	ACTUAL JULY	ACTUAL AUGUST	ACTUAL SEPTEMBER	ACTUAL OCTOBER	ACTUAL NOVEMBER	ACTUAL DECEMBER	Total
Total System Sales - KWH	52,874,806	51,928,871	41,401,194	42,601,215	45,324,407	53,512,733	63,915,542	63,949,806	64,719,880	52,911,245	46,502,978	45,239,139	624,881,816
WEST-ROCK Purchases - KWH	860,000	460,000	480,000	950,000	410,000	390,000	290,000	440,000	320,000	540,000	430,000	630,000	6,200,000
Rayonier Purchases - KWH - On Peak	126,081	108,576	136,304	65,760	31,737	19,350	13,719	25,677	10,982	11,622	264,807	167,756	982,371
Rayonier Purchases - KWH - Off Peak	206,531	148,285	385,106	267,208	264,991	146,201	93,739	115,550	118,684	180,336	791,059	573,253	3,290,943
Eight Flags Purchases-KWH	14,637,336	13,701,176	14,673,779	13,866,243	13,825,504	13,208,427	13,069,358	13,007,526	13,340,000	14,578,669	14,406,497	13,882,474	166,196,989
Gulf Purchases - KWH - BLOCK	21,831,144	19,507,744	20,380,294	19,377,021	21,067,849	21,787,337	22,695,362	22,725,308	21,509,843	20,893,054	20,394,132	21,228,180	253,397,268
Gulf Purchases - KWH - LOAD	3,726,975	2,770,380	838,444	715,764	3,246,235	6,239,551	7,472,462	7,993,671	5,509,912	2,618,444	870,140	1,247,666	43,249,644
FPL Purchases - KWH - BLOCK	9,306,927	8,938,872	7,933,191	8,362,975	8,332,800	8,777,183	10,269,974	10,371,920	10,146,043	10,071,936	9,529,792	8,406,793	110,448,406
FPL Purchases - KWH - LOAD	4,924,506	1,992,616	1,254,027	806,253	6,669,266	13,102,614	15,550,321	14,631,837	9,350,403	6,493,735	170,473	1,868,726	76,814,777
FPL Billing Demand - KW - BLOCK	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	168,000
FPL Billing Demand - KW - LOAD	63,098	37,754	15,343	22,275	38,779	46,923	49,105	54,154	50,295	31,177	12,967	30,671	452,541
FPL BULK Transmission Demand - KW	93,618	6,697	10,785	50,115	52,779	62,685	64,216	64,944	61,019	36,513	38,685	53,886	595,942
Gulf Demand - KW - BLOCK	31,000	31,000	31,000	31,000	31,000	31,000	31,000	31,000	31,000	31,000	31,000	31,000	372,000
Gulf . Demand-KW - LOAD	31,752	32,761	14,163	13,427	22,967	28,685	33,251	32,760	27,898	22,109	22,482	20,063	302,318
Gulf Tramission Demand - KW- Block / Load	51,389	52,008	51,714	52,409	52,487	52,154	52,874	52,768	52,849	54,221	54,226	54,137	633,236
Purchased Power Costs: Fuel Costs	2,250,163	2,465,332	2,259,087	1,814,428	2,289,107	2,852,212	3,358,881	3,607,270	3,601,246	3,835,011	3,475,627	2,706,391	34,514,755
Demand & Non-Fuel Costs	1,589,089	1,210,659	1,001,084	1,141,956	1,226,219	1,471,999	1,503,458	1,524,166	1,455,467	1,291,559	1,158,508	1,275,211	15,849,375
Total System Purchased Power Costs	3,839,253	3,675,991	3,260,171	2,956,384	3,515,327	4,324,211	4,862,339	5,131,436	5,056,713	5,126,571	4,634,135	3,981,602	50,364,132
Less Direct Billing To GSLD1 Class: Demand	50,201	(16,699)	4,476	12,317	4,283	26,223	42,064	(24,338)	51,876	64,950	(21,971)	22,513	215,895
(these 2 amounts (Demand and comodity) should e Commodity	121,107	24,456	25,553	20,995	21,407	76,854	92,443	86,914	40,068	157,317	99,384	59,257	825,755
Net Purchased Power Costs	3,667,945	3,668,234	3,230,141	2,923,073	3,489,637	4,221,133	4,727,832	5,068,860	4,964,769	4,904,304	4,556,722	3,899,831	49,322,481
Special Costs	11,627	13,814	33,062	2,825	10,469	2,920	9,930	19,839	6,453	12,333	14,980	17,184	155,436
Total Costs and Charges	3,679,572	3,682,048	3,263,204	2,925,898	3,500,106	4,224,053	4,737,762	5,088,699	4,971,222	4,916,636	4,571,702	3,917,015	49,477,917
Fuel Revenue	4,405,185	2,695,449	2,811,161	2,981,904	3,090,299	3,701,987	4,357,215	4,339,047	4,410,467	3,598,406	2,965,558	3,015,287	42,371,965
Unbilled Fuel Revenues	233,769	(112,954)	(288,440)	97,317	30,689	269,919	1,624	199,143	(301,950)	32,172	(287,517)	93,587	(32,641)
Total Fuel Revenues (Excl. GSLD1)	4,638,954	2,582,495	2,522,721	3,079,221	3,120,988	3,971,907	4,358,839	4,538,189	4,108,517	3,630,579	2,678,041	3,108,874	42,339,324
GSLD1 Fuel Revenues	171,308	7,757	30,029	33,312	25,690	103,077	134,507	62,576	91,944	222,267	77,413	81,770	1,041,650
Non-Fuel Revenues	3,528,385	3,283,362	2,819,190	2,681,475	2,875,703	3,355,587	3,697,752	3,751,767	3,805,255	3,231,120	2,842,624	2,856,483	38,728,703
Total Sales Revenue	8,338,647	5,873,614	5,371,940	5,794,008	6,022,381	7,430,571	8,191,098	8,352,532	8,005,715	7,083,965	5,598,078	6,047,127	82,109,676
True-up Calculation (Excl. GSLD1):													
Fuel Revenues	4,638,954	2,582,495	2,522,721	3,079,221	3,120,988	3,971,907	4,358,839	4,538,189	4,108,517	3,630,579	2,678,041	3,108,874	42,339,324
True-up Provision - collect/(refund)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(297,168)
Fuel Revenue	4,663,718	2,607,259	2,547,485	3,103,985	3,145,752	3,996,671	4,383,603	4,562,953	4,133,281	3,655,343	2,702,805	3,133,638	42,636,492
Net Purchased Power and Other Fuel Costs	3,679,572	3,682,048	3,263,204	2,925,898	3,500,106	4,224,053	4,737,762	5,088,699	4,971,222	4,916,636	4,571,702	3,917,015	49,477,917
True-up Provision for the Period	984,146	(1,074,789)	(715,719)	178,087	(354,353)	(227,383)	(354,159)	(525,746)	(837,941)	(1,261,294)	(1,868,897)	(783,377)	(6,841,425)
Interest Provision for the Period	279	179	114	80	67	58	64	51	22	(26)	(116)	(172)	600
Beginning of Period True-up and Interest Provision	3,235,074	4,194,735	3,095,362	2,354,993	2,508,396	2,129,346	1,877,257	1,498,398	947,939	85,256	(1,200,828)	(3,094,605)	3,235,074
True-up Collected or (Refunded)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(24,764)	(297,168)
Overcollected Interin Rates-Hurricane Michael												112,605	112,605
End of Period, Net True-up and Int. Prov.	4,194,735	3,095,362	2,354,993	2,508,396	2,129,346	1,877,257	1,498,398	947,939	85,256	(1,200,828)	(3,094,605)	(3,790,314)	(3,790,314)
Beginning True-up Amount	3,235,074	4,194,735	3,095,362	2,354,993	2,508,396	2,129,346	1,877,257	1,498,398	947,939	85,256	(1,200,828)	(3,094,605)	
Ending True-up Amount Before Interest	4,194,456	3,095,183	2,354,879	2,508,316	2,129,279	1,877,199	1,498,334	947,888	85,234	(1,200,802)	(3,094,489)	(3,790,142)	10% Rule Interest Provision:
Total Beginning and Ending True-up	7,429,530	7,289,918	5,450,241	4,863,309	4,637,675	4,006,544	3,375,591	2,446,286	1,033,173	(1,115,546)	(4,295,317)	(6,884,747)	-7.53%
Average True-up Amount	3,714,765	3,644,959	2,725,120	2,431,655	2,318,837	2,003,272	1,687,796	1,223,143	516,586	(557,773)	(2,147,659)	(3,442,374)	
Average Annual Interest Rate	0.0900%	0.0650%	0.0500%	0.0400%	0.0350%	0.0350%	0.0450%	0.0500%	0.0500%	0.0550%	0.0650%	0.0600%	
Interest Provision	279	179	114	80	67	58	64	51	22	(26)	(116)	(172)	

Exhibit No._____
DOCKET NO. 20220001-EI
Florida Public Utilities Company
(CDY - 1)
Page 3 of 3

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 29
PARTY: CDY-2
DESCRIPTION: Estimated/Actual (Schedules EI-A, EI-B, and EI-B1)1

Schedule E1-A

FLORIDA PUBLIC UTILITIES COMPANY
CALCULATION OF TRUE-UP SURCHARGE
APPLICABLE TO LEVELIZED FUEL ADJUSTMENT PERIOD
JANUARY 2022 - DECEMBER 2022
BASED ON SIX MONTHS ACTUAL AND SIX MONTHS ESTIMATED OPERATIONS

Florida Division -CONSOLIDATED

Under-recovery of purchased power costs for the period January 2022 - December 2022. (See Schedule E1-B, Calculation of Estimated Purchased Power Costs and Calculation of True-Up and Interest Provision for the Twelve Month Period ended December 2022.)(Estimated)	$	21,191,231

Exhibit No._____
DOCKET NO. 20220001-EI
Florida Public Utilities Company
(CDY-2)

Schedule E-1b

FLORIDA PUBLIC UTILITIES COMPANY

CALCULATION OF PURCHASED POWER COSTS AND CALCULATION OF TRUE-UP AND INTEREST PROVISION-EXCLUDING GSLD1

ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2022 THROUGH DECEMBER 2022

BASED ON SIX MONTHS ACTUAL AND SIX MONTHS ESTIMATED

(EXCLUDES LINE LOSS, EXCLUDES TAXES)

CONSOLIDATED

	ACTUAL Jan 2022	ACTUAL Feb 2022	ACTUAL Mar 2022	ACTUAL Apr 2022	ACTUAL May 2022	ACTUAL Jun 2022	Estimated Jul 2022	Estimated Aug 2022	Estimated Sep 2022	Estimated Oct 2022	Estimated Nov 2022	Estimated Dec 2022	Total
Total System Sales - KWH	50,563,833	52,662,584	41,047,718	47,358,687	49,156,724	58,657,139	63,545,221	64,752,875	65,260,871	60,414,202	51,313,429	52,520,067	657,253,349
West-Rock Purchases - KWH	900,000	1,810,000	370,000	460,000	440,000	320,000	190,000	350,000	590,000	320,000	530,000	440,000	6,720,000
Rayonier Purchases - KWH - On Peak	131,226	133,273	74,175	130,387	66,673	40,326	28,756	36,400	72,688	136,360	142,716	80,528	1,073,508
Rayonier Purchases - KWH - Off Peak	316,639	241,039	90,420	417,204	343,772	186,656	73,944	93,600	186,912	350,640	366,984	207,072	2,874,882
Eight Flags Purchases - KWH - KWH	12,748,671	11,807,895	13,073,484	13,164,892	13,222,346	12,069,632	14,300,000	13,100,000	14,700,000	14,600,000	13,900,000	14,700,000	161,386,920
FPL Purchases - KWH	18,425,776	13,205,121	13,122,513	12,633,789	19,067,131	25,550,860	25,191,871	26,054,355	24,053,431	19,035,033	15,309,443	12,167,266	223,816,590
Gulf Purchases - KWH	27,750,147	21,236,994	20,777,653	20,560,932	25,823,162	31,560,592	26,937,910	28,356,162	28,920,884	28,992,878	23,629,956	27,551,203	312,098,473
Generation Demand - KW - FPL	66,392	55,751	41,596	58,892	48,279	79,187	73,867	76,617	73,459	56,954	41,977	56,139	729,109
Generation Demand - KW - Gulf	66,389	62,845	51,801	44,465	56,855	68,127	62,800	63,800	61,500	51,800	47,200	65,100	702,682
Transmission Demand - KW - FPL	73,677	48,594	27,453	58,998	38,902	86,735	69,400	70,200	69,200	48,400	39,600	71,600	702,759
Transmission Demand - KW - Southern	55,120	0	0	0	0	0	25,500	25,300	23,900	24,200	24,200	24,800	203,020
Purchased Power Rates:													
West Rock Fuel Costs - $/KWH	0.03880	0.03992	0.11288	0.04439	0.06417	0.09792	0.04824	0.04824	0.04824	0.04824	0.04824	0.04824	
Rayonier Energy Charge - On Peak - $/KWH	0.03491	0.03442	0.03442	0.03524	0.11374	0.07633	0.05531	0.05531	0.05531	0.04799	0.05130	0.05130	
Rayonier Energy Charge - Off Peak - $/KWH	0.03248	0.03195	0.03195	0.03208	0.09328	0.13311	0.05531	0.05531	0.05531	0.04799	0.05130	0.05130	
Eight Flags Charge - $/KWH	0.11754	0.15133	0.13666	0.10760	0.15120	0.17457	0.14346	0.14346	0.14346	0.14346	0.15050	0.19993	
Base Fuel Costs - $/KWH - FPL	0.03554	0.04933	0.04597	0.04309	0.05094	0.06515	0.04977	0.05043	0.05030	0.04909	0.05030	0.04431	
Base Fuel Costs - $/KWH GULF 0.9815	0.03923	0.03974	0.03961	0.05167	0.06687	0.07276	0.04207	0.04284	0.04360	0.04393	0.04231	0.04349	
Energy Charge - $/KWH - FPL	0.00212	0.00235	0.00237	0.00236	0.00216	0.00198	0.00211	0.00208	0.00205	0.00211	0.00219	0.00233	
Demand and Non-Fuel:													
Demand Charge - $/KW - FPL	6.40977	6.65626	7.11797	6.56936	6.85940	6.23122	6.30189	6.26412	6.30774	6.61428	7.10103	6.63407	
Demand Charge - $/KW - Gulf	7.84154	7.98768	8.57136	9.11933	8.27612	7.77543	7.98965	7.94671	8.04756	8.57143	8.89513	7.89286	
Distribution Facility Charge	5.09680	5.09680	5.82600	5.82600	5.82600	5.82600	5.82600	5.82600	5.82600	5.82600	5.82600	5.82600	
Transmission Charge $/KW - FPL	2.49638	3.16551	3.21568	2.83813	3.04149	2.73832	2.97966	2.97966	2.97966	2.97966	2.97966	2.97966	
Transmission Charge $/KW - Southern	3.01632	3.01632	3.01631	3.01635	3.06438	3.31430	2.17647	2.13805	1.94602	1.76038	1.16505	1.82440	
Purchased Power Costs:													
West-Rock Fuel Costs	34,916	72,253	41,764	20,418	28,233	31,335	9,166	16,884	28,462	15,437	25,567	21,226	345,661
Rayonier Standby Costs	14,865	12,288	5,441	17,980	39,651	27,924	5,680	7,189	14,358	23,371	26,147	14,754	209,648
Eight Flags	1,498,433	1,786,942	1,786,608	1,416,551	1,999,213	2,107,046	2,051,478	1,879,326	2,108,862	2,094,516	2,091,950	2,938,971	23,759,896
Gulf Base Fuel Costs	1,088,556	843,868	823,006	1,062,371	1,726,885	2,296,315	1,133,224	1,214,897	1,260,841	1,273,721	999,787	1,198,220	14,921,691
FPL Base Fuel Costs	654,879	651,376	603,214	544,337	971,317	1,664,689	1,253,703	1,314,003	1,209,870	934,387	770,051	539,088	11,110,914
Gulf/FPL Fuel Adjustment	97,958	80,999	80,424	78,224	96,796	113,329	110,084	113,000	108,851	101,353	85,219	92,612	1,158,849
Subtotal Fuel Costs	3,389,607	3,447,726	3,340,457	3,139,881	4,862,095	6,240,638	4,563,335	4,545,299	4,731,244	4,442,785	3,998,721	4,804,871	51,506,659
Demand and Non-Fuel Costs: Demand Capacity Charge	946,150	873,079	740,084	792,374	801,704	1,023,149	967,249	986,941	958,285	820,707	717,927	886,252	10,513,901
Distr. Fac. Charge-Gulf	302,935	299,779	300,013	299,729	217,103	301,112	329,169	328,004	319,847	321,595	321,594	325,091	3,665,971
Customer Charges	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	48,000
Transmission Charge	(39,910)	153,825	88,280	167,444	118,320	237,508	206,788	209,172	206,192	144,215	117,995	213,344	1,823,173
Subtotal Demand & Non-Fuel Costs	1,213,175	1,330,683	1,132,377	1,263,547	1,141,127	1,565,769	1,507,206	1,528,117	1,488,324	1,290,517	1,161,516	1,428,687	16,051,045
Total System Purchased Power Costs	4,602,782	4,778,409	4,472,834	4,403,427	6,003,222	7,806,407	6,070,541	6,073,416	6,219,568	5,733,302	5,160,237	6,233,558	67,557,703
Less Direct Billing To GSLD1 Class: Demand	146,953	15,778	17,231	59,304	47,821	13,987	799	24,526	3,195	0	7,729	16,797	354,119
Commodity	103,355	123,045	67,032	40,675	17,811	39,813	142,894	186,169	182,113	249,989	366,484	225,651	1,745,031
Net Purchased Power Costs	4,352,475	4,639,586	4,388,571	4,303,449	5,937,590	7,752,607	5,926,848	5,862,721	6,034,260	5,483,313	4,786,024	5,991,110	65,458,553
			0	0	0	0	56,422	56,422	56,422	56,422	56,422	56,422	338,532
Special Costs*	14,063	13,177	22,541	5,836	46,358	17,201	17,850	17,850	19,300	17,850	17,850	20,300	230,177
Total Costs and Charges	4,366,538	4,652,763	4,411,112	4,309,285	5,983,947	7,769,808	6,001,120	5,936,993	6,109,982	5,557,585	4,860,296	6,067,832	66,027,262
Sales Revenues - Fuel Adjustment Revenues:													
RS< 0.06984 0.08435	1,248,784	1,307,473	1,120,845	1,118,341	1,173,731	1,375,190	1,449,180	1,743,446	1,744,981	1,692,309	1,482,883	1,529,528	16,986,691
RS> 0.08233 0.09684	564,391	702,960	272,146	275,732	372,456	796,474	991,999	1,146,667	1,125,577	730,398	398,855	478,570	7,856,226
GS 0.07384 0.08846	313,855	320,221	275,939	299,689	316,241	404,783	379,860	475,460	479,297	484,288	393,557	414,595	4,557,784
GSD 0.06790 0.08275	810,627	770,813	743,192	834,164	857,608	1,030,086	1,064,818	1,359,120	1,388,412	1,326,396	1,185,322	1,249,873	12,620,431
GSLD 0.06526 0.08026	441,636	348,970	364,058	398,823	379,430	462,587	499,925	612,825	648,347	641,873	528,208	588,769	5,915,452
LS 0.04953 0.06542	30,047	30,044	30,096	30,186	29,846	29,989	31,161	41,005	41,341	41,319	40,985	40,693	416,712
Unbilled Fuel Revenues	(63,823)	190,884	(236,547)	(94,727)	439,242	171,155	0	0	0	0	0	0	406,185
Total Fuel Revenues (Excl. GSLD1)	3,345,517	3,671,365	2,569,730	2,862,209	3,568,554	4,270,264	4,416,943	5,378,523	5,427,955	4,916,583	4,029,810	4,302,028	48,759,480
GSLD1 Fuel Revenues .17197	250,308	138,823	84,263	99,979	65,632	53,800	143,693	210,695	185,308	249,989	374,213	242,448	2,099,150
Non-Fuel Revenues	3,182,802	3,280,960	2,769,978	2,882,830	2,931,672	2,582,841	2,758,327	2,460,936	2,404,991	1,774,794	1,837,713	2,343,379	31,211,222
Total Sales Revenue	6,778,627	7,091,147	5,423,971	5,845,017	6,565,858	6,906,905	7,318,963	8,050,153	8,018,254	6,941,367	6,241,736	6,887,855	82,069,853
KWH Sales: RS<	18,284,936	19,123,008	16,471,544	16,408,065	17,204,455	20,098,709	20,749,996	20,669,362	20,687,561	20,063,120	17,580,267	18,133,268	225,474,291
RS>	6,855,113	8,538,252	3,289,155	3,355,668	4,523,901	9,671,691	12,049,061	11,840,807	11,623,024	7,542,299	4,118,691	4,941,846	88,349,508
GS	4,318,888	4,402,693	3,802,918	4,124,579	4,348,747	5,547,905	5,144,366	5,375,083	5,418,462	5,474,878	4,449,166	4,687,008	57,094,692
GSD	12,164,409	11,578,075	11,171,290	12,511,069	12,856,335	15,396,474	15,682,148	16,424,330	16,778,309	16,028,879	14,324,065	15,104,126	170,019,508
GSLD	6,880,388	5,460,495	5,691,694	6,224,381	5,927,231	7,201,408	7,660,508	7,635,283	8,077,859	7,997,206	6,581,025	7,335,573	82,673,050
GSLD1	1,440,000	2,940,000	0	4,112,000	3,680,000	122,000	1,630,000	2,181,250	2,043,750	2,676,250	3,633,750	1,696,250	26,155,250
LS	620,099	620,061	621,117	622,925	616,055	618,952	629,143	626,761	631,907	631,569	626,464	621,996	7,487,050
Total KWH Sales	50,563,833	52,662,584	41,047,718	47,358,687	49,156,724	58,657,139	63,545,221	64,752,875	65,260,871	60,414,202	51,313,429	52,520,067	657,253,349
True-up Calculation (Excl. GSLD1):													
Fuel Revenues	3,345,517	3,671,365	2,569,730	2,862,209	3,568,554	4,270,264	4,416,943	5,378,523	5,427,955	4,916,583	4,029,810	4,302,028	48,759,480
True-up Provision - collect/(refund)	(188,123)	(188,123)	(188,123)	(188,123)	(188,123)	(188,123)	(188,123)	(188,123)	758,063	758,063	758,063	758,063	2,473,457
Gross Receipts Tax Refund													0
Fuel Revenue	3,533,640	3,859,488	2,757,852	3,050,331	3,756,676	4,458,387	4,605,066	4,620,460	4,669,892	4,158,520	3,271,747	3,543,965	46,286,023
Net Purchased Power and Other Fuel Costs	4,366,538	4,652,763	4,411,112	4,309,285	5,983,947	7,769,808	6,001,120	5,936,993	6,109,982	5,557,585	4,860,296	6,067,832	66,027,262
True-up Provision for the Period	(832,898)	(793,276)	(1,653,260)	(1,258,954)	(2,227,271)	(3,311,422)	(1,396,055)	(1,316,533)	(1,440,090)	(1,399,065)	(1,588,549)	(2,523,867)	(19,741,239)
Interest Provision for the Period	(198)	(684)	(1,679)	(3,102)	(6,002)	(13,311)	(15,876)	(16,968)	(17,608)	(18,290)	(19,047)	(20,369)	(133,134)
Beginning of Period True-up and Interest Provision	(3,790,314)	(4,811,533)	(5,793,616)	(7,636,678)	(9,086,856)	(11,508,252)	(15,021,107)	(16,621,160)	(17,196,599)	(17,896,233)	(18,555,525)	(19,405,058)	(3,790,314)
True-up Collected or (Refunded)	(188,123)	(188,123)	(188,123)	(188,123)	(188,123)	(188,123)	(188,123)	758,063	758,063	758,063	758,063	758,063	2,473,457
Annual State Income Tax Savings													0
End of Period, Net True-up and Int. Prov.	(4,811,533)	(5,793,616)	(7,636,678)	(9,086,856)	(11,508,252)	(15,021,107)	(16,621,160)	(17,196,599)	(17,896,233)	(18,555,525)	(19,405,058)	(21,191,231)	(21,191,231)
Beginning True-up Amount	(3,790,314)	(4,811,533)	(5,793,616)	(7,636,678)	(9,086,856)	(11,508,252)	(15,021,107)	(16,621,160)	(17,196,599)	(17,896,233)	(18,555,525)	(19,405,058)	
Ending True-up Amount Before Interest	(4,811,335)	(5,792,932)	(7,634,999)	(9,083,754)	(11,502,250)	(15,007,796)	(16,605,284)	(17,179,631)	(17,878,625)	(19,386,011)	(21,170,862)		
Total Beginning and Ending True-up	(8,601,650)	(10,604,465)	(13,428,615)	(16,720,432)	(20,589,106)	(26,516,048)	(31,626,391)	(33,800,791)	(35,075,224)	(36,433,468)	(37,941,536)	(40,575,919)	
Average True-up Amount	(4,300,825)	(5,302,233)	(6,714,307)	(8,360,216)	(10,294,553)	(13,258,024)	(15,813,196)	(16,900,395)	(17,537,612)	(18,216,734)	(18,970,768)	(20,287,960)	
Average Annual Interest Rate	0.0550%	0.1550%	0.3000%	0.4450%	0.7000%	1.2050%	1.2050%	1.2050%	1.2050%	1.2050%	1.2050%	1.2050%	
Interest Provision	(198)	(684)	(1,679)	(3,102)	(6,002)	(13,311)	(15,876)	(16,968)	(17,608)	(18,290)	(19,047)	(20,369)	

10% Rule Interest Provision: -43.46%

* Includes: Consulting fees, Legal fees and Taxes on Company Use.

Exhibit No._____
DOCKET NO. 20220001-EI
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(CDY-2)
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FLORIDA PUBLIC UTILITIES COMPANY
CONSOLIDATED FLORIDA DIVISIONS
COMPARISON OF ESTIMATED/ACTUAL VERSUS ORIGINAL PROJECTIONS
OF THE FUEL AND PURCHASED POWER COST RECOVERY FACTOR
JANUARY 2022 - DECEMBER 2022

0

	DOLLARS				MWH				CENTS/KWH			
	ESTIMATED/ ACTUAL	ESTIMATED/ ORIGINAL	DIFFERENCE AMOUNT	%	ESTIMATED/ ACTUAL	ESTIMATED/ ORIGINAL	DIFFERENCE AMOUNT	%	ESTIMATED/ ACTUAL	ESTIMATED/ ORIGINAL	DIFFERENCE AMOUNT	%
1 Fuel Cost of System Net Generation (A3)					0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
2 Nuclear Fuel Disposal Cost (A13)												
3 Coal Car Investment												
4 Adjustments to Fuel Cost (A2, Page 1)												
5 TOTAL COST OF GENERATED POWER	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
6 Fuel Cost of Purchased Power (Exclusive of Economy) (A8)	26,032,605	14,112,170	11,920,435	84.5%	535,915	509,609	26,306	5.2%	4.85760	2.76922	2.08838	75.4%
7 Energy Cost of Sched C & X Econ Purch (Broker)(A9)												
8 Energy Cost of Other Econ Purch (Non-Broker)(A9)												
9 Energy Cost of Sched E Economy Purch (A9)												
10 Demand and Non Fuel Cost of Purchased Power (A9)	17,209,894	17,108,143	101,751	0.6%	535,915	509,609	26,306	5.2%	3.21131	3.35711	(0.14580)	-4.3%
11 Energy Payments to Qualifying Facilities (A8a)	24,315,205	16,588,818	7,726,387	46.6%	172,056	180,913	(8,857)	-4.9%	14.13215	9.16950	4.96265	54.1%
12 TOTAL COST OF PURCHASED POWER	67,557,703	47,809,131	19,748,572	41.3%	707,971	690,522	17,449	2.5%	9.54244	6.92362	2.61882	37.8%
13 TOTAL AVAILABLE MWH (LINE 5 + LINE 12)					707,971	690,522	17,449	2.5%				
14 Fuel Cost of Economy Sales (A7)												
15 Gain on Economy Sales (A7a)												
16 Fuel Cost of Unit Power Sales (SL2 Partpts)(A7)												
17 Fuel Cost of Other Power Sales (A7)	568,709	221,000	347,709	157.3%								
18 TOTAL FUEL COST AND GAINS OF POWER SALES (LINE 14 + 15 + 16 + 17)	568,709	221,000	347,709	157.3%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
19 NET INADVERTENT INTERCHANGE (A10)												
20 TOTAL FUEL AND NET POWER TRANSACTIONS (LINES 5 + 12 + 18 + 19)	68,126,412	48,030,131	20,096,281	41.8%	707,971	690,522	17,449	2.5%	9.62277	6.95563	2.66714	38.4%
21 Net Unbilled Sales (A4)	0 *	0 *	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
22 Company Use (A4)	51,674 *	37,630 *	14,044	37.3%	537	541	(4)	-0.7%	0.00786	0.00572	0.00214	37.4%
23 T & D Losses (A4)	4,828,802 *	2,249,451 *	2,579,351	114.7%	50,181	32,340	17,841	55.2%	0.73469	0.34205	0.39264	114.8%
24 SYSTEM KWH SALES	68,126,412	48,030,131	20,096,281	41.8%	657,253	657,641	(388)	-0.1%	10.36532	7.30340	3.06192	41.9%
25 Wholesale KWH Sales												
26 Jurisdictional KWH Sales	68,126,412	48,030,131	20,096,281	41.8%	657,253	657,641	(388)	-0.1%	10.36532	7.30340	3.06192	41.9%
26a Jurisdictional Loss Multiplier	1.000	1.000	0.000	0.0%	1.000	1.000	0.000	0.0%	1.000	1.000	0.00000	0.0%
27 Jurisdictional KWH Sales Adjusted for Line Losses	68,126,412	48,030,131	20,096,281	41.8%	657,253	657,641	(388)	-0.1%	10.36532	7.30340	3.06192	41.9%
28 GPIF**												
29 TRUE-UP**	2,473,457	2,473,457	0	0.0%	657,253	657,641	(388)	-0.1%	0.37633	0.37611	0.00022	0.1%
30 TOTAL JURISDICTIONAL FUEL COST	70,599,869	50,503,588	20,096,281	39.8%	657,253	657,641	(388)	-0.1%	10.74166	7.67951	3.06215	39.9%
31 Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
32 Fuel Factor Adjusted for Taxes									10.74939	7.68504	3.06435	39.9%
33 FUEL FAC ROUNDED TO NEAREST .001 (CENTS/KWH)									10.749	7.685	3.064	39.9%

*Included for Informational Purposes Only
**Calculation Based on Jurisdictional KWH Sales

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FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 30
PARTY: MDN-1
DESCRIPTION: Schedules E1, E1A, E2, E7, E8, E10 and Schedule A

FLORIDA PUBLIC UTILITIES COMPANY
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION

ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023

	FLORIDA DIVISION-CONSOLIDATED	(a) DOLLARS		(b) MWH	(c) CENTS/KWH
1	Fuel Cost of System Net Generation (E3)				
2	Nuclear Fuel Disposal Costs (E2)				
3	Coal Car Investment				
4	Adjustments to Fuel Cost				
5	TOTAL COST OF GENERATED POWER (LINE 1 THRU 4)	0		0	0.00000
6	Fuel Cost of Purchased Power (Exclusive of Economy) (E7)	27,247,115		509,609	5.34667
7	Energy Cost of Sched C & X Econ Purch (Broker) (E9)				
8	Energy Cost of Other Econ Purch (Non-Broker) (E9)				
9	Energy Cost of Sched E Economy Purch (E9)				
10	Demand & Non Fuel Cost of Purch Power (E2)	18,146,757		509,609	3.56092
10a	Demand Costs of Purchased Power	16,090,234	*		
10b	Non-fuel Energy & Customer Costs of Purchased Power	2,056,523	*		
11	Energy Payments to Qualifying Facilities (E8a)	23,033,855		180,913	12.73201
12	TOTAL COST OF PURCHASED POWER (LINE 6 THRU 11)	68,427,727		690,522	9.90957
13	TOTAL AVAILABLE KWH (LINE 5 + LINE 12)	68,427,727		690,522	9.90957
14	Fuel Cost of Economy Sales (E6)				
15	Gain on Economy Sales (E6)				
16	Fuel Cost of Unit Power Sales (SL2 Partpts) (E6)				
17	Fuel Cost of Other Power Sales				
18	TOTAL FUEL COST AND GAINS OF POWER SALES	0		0	0.00000
19	Net Inadvertent Interchange				
20	TOTAL FUEL & NET POWER TRANSACTIONS (LINE 5 + 12 + 18 + 19)	68,427,727		690,522	9.90957
21	Net Unbilled Sales	0	*	0	0.00000
22	Company Use	50,341	*	508	0.00762
23	T & D Losses	2,924,329	*	29,510	0.44274
24	SYSTEM MWH SALES	68,427,727		660,504	10.35993
25	Wholesale MWH Sales				
26	Jurisdictional MWH Sales	68,427,727		660,504	10.35993
26a	Jurisdictional Loss Multiplier	1.00000		1.00000	
27	Jurisdictional MWH Sales Adjusted for Line Losses	68,427,727		660,504	10.35993
27a	GSLD1 MWH Sales			24,496	
27b	Other Classes MWH Sales			636,008	
27c	GSLD1 CP KW			51,500	*
28	Projected Unbilled Revenues	0		636,008	0.00000
29	GPIF **				
30	TRUE-UP (OVER) UNDER RECOVERY **	7,063,744		636,008	1.11064
31	TOTAL JURISDICTIONAL FUEL COST	75,491,471		636,008	11.86959
31a	Demand Purchased Power Costs (Line 10a)	16,090,234	*		
31b	Non-demand Purchased Power Costs (Lines 6 + 10b + 11)	52,337,493	*		
31c	True up Over/Under Recovery (Line 29)	7,063,744	*		
31d	Unbilled Revenues	0			

* For Informational Purposes Only
** Calculation Based on Jurisdictional KWH Sales

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FLORIDA PUBLIC UTILITIES COMPANY
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION

ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023

	FLORIDA DIVISION-CONSOLIDATED	(a) DOLLARS	(b) MWH	(c) CENTS/KWH
	APPORTIONMENT OF DEMAND COSTS			
31	Total Demand Costs (Line 31a)	16,090,234		
32	GSLD1 Portion of Demand Costs (Line 31a) Including Line Losses(Line 27c x $5.85)	222,238	335,500 (KW)	$0.66 /KW
33	Balance to Other Classes	15,867,996	636,008	2.49494
	APPORTIONMENT OF NON-DEMAND COSTS			
34	Total Non-demand Costs(Line 31b)	52,337,493		
35	Total KWH Purchased (Line 12)		690,522 KWH	
36	Average Cost per KWH Purchased			7.57941
37	Average Cost Adjusted for Line Losses (Line 36 x 1.03)			7.80679
38	GSLD1 Non-demand Costs (Line 27a x Line 37)	2,352,064	24,496	9.60173
39	Balance to Other Classes	49,985,430	636,008	7.85925
	GSLD1 PURCHASED POWER COST RECOVERY FACTORS			
40a	Total GSLD1 Demand Costs (Line 32)	222,238	335,500 (KW)	$0.66 /KW
40b	Revenue Tax Factor			1.00072
40c	GSLD1 Demand Purchased Power Factor Adjusted for Taxes & Rounded			$0.66 /KW
40d	Total Current GSLD1 Non-demand Costs(Line 38)	2,352,064	24,496	9.60173
40e	Total Non-demand Costs Including True-up	2,352,064	24,496	9.60173
40f	Revenue Tax Factor			1.00072
40g	GSLD1 Non-demand Costs Adjusted for Taxes & Rounded			9.60864
	OTHER CLASSES PURCHASED POWER COST RECOVERY FACTORS			
41a	Total Demand & Non-demand Purchased Power Costs of Other Classes(Line 33 + 39)	65,853,426	636,008	10.35419
41b	Less: Total Demand Cost Recovery	15,867,996 ***		
41c	Total Other Costs to be Recovered	49,985,430	636,008	7.85925
41d	Unbilled Revenue	0	636,008	0.00000
41e	Other Classes' Portion of True-up (Line 30c)	7,063,744	636,008	1.11064
41f	Total Demand & Non-demand Costs Including True-up	57,049,173	636,008	8.96989
42	Revenue Tax Factor			1.00072
43	Other Classes Purchased Power Factor Adjusted for Taxes & Rounded	57,090,249		8.976

* For Informational Purposes Only
** Calculation Based on Jurisdictional KWH Sales
*** Calculation on Schedule E1 Page 3

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FLORIDA PUBLIC UTILITIES COMPANY
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION

ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023

FLORIDA DIVISION-CONSOLIDATED

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
				(1)/((2)*8,760)			(3)*(4)	(1)*(5)	(6)/Total Col. (6)	(7)/Total Col. (7)
	Rate Schedule	KWH Sales	12 CP Load Factor	CP KW At Meter	Demand Loss Factor	Energy Loss Factor	CP KW At GEN.	KWH At GEN.	12 CP Demand Percentage	Energy Percentage
44	RS	318,679,444	58.270%	62,431.3	1.089	1.030	67,987.7	328,239,827	56.19%	50.11%
45	GS	54,762,182	57.224%	10,924.3	1.089	1.030	11,896.6	56,405,047	9.83%	8.61%
46	GSD	172,050,339	74.102%	26,504.6	1.089	1.030	28,863.5	177,211,849	23.86%	27.05%
47	GSLD	82,987,816	85.094%	11,132.9	1.089	1.030	12,123.7	85,477,451	10.02%	13.05%
48	LS	7,527,819	767.743%	111.9	1.089	1.030	121.9	7,753,653	0.10%	1.18%
49		0	767.743%	0.0	1.089	1.030	0.0	0	0.00%	0.00%
	TOTAL	636,007,600		111,105.0			120,993.4	655,087,827	100.00%	100.00%

		(10) 12/13 * (8)	(11) 1/13 * (9)	(12) (10) + (11)	(13) Tot. Col. 13 * (9)	(14) (13)/(1)	(15) (14) * 1.00072	(16)	(17) (15) + (16)
	Rate Schedule	12/13 Of 12 CP	1/13 Of Energy	Demand Allocation Percentage	Demand Dollars	Demand Cost Recovery	Demand Cost Recovery Adj for Taxes	Other Charges	Levelized Adjustment
50	RS	51.88%	3.86%	55.74%	$8,844,821	0.02775	0.02777	0.08976	$ 0.11753
51	GS	9.07%	0.66%	9.73%	1,543,956	0.02819	0.02821	0.08976	$ 0.11797
52	GSD	22.02%	2.08%	24.10%	3,824,187	0.02223	0.02225	0.08976	$ 0.11201
53	GSLD	9.25%	1.00%	10.25%	1,626,470	0.01960	0.01961	0.08976	$ 0.10937
54	LS	0.09%	0.09%	0.18%	28,562	0.00379	0.00379	0.08976	$ 0.09355
	TOTAL	92.31%	7.69%	100.00%	$15,867,996				

Step Rate Allocation for Residential Customers

		(18)		(19)	(20)	(21) (19) * (20)
	Rate Schedule	Allocation		Annual kWh	Levelized Adj.	Revenues
56	RS	Sales		318,679,444	$0.11753	$37,454,395
57	RS	<= 1,000kWh/mo.		227,553,586	$0.11396	$25,931,016
58	RS	> 1,000 kWh/mo.		91,125,858	$0.12646	$11,523,379
59	RS	Total Sales		318,679,444		$37,454,395

(2) From Gulf Power 2018 Load Research results.

TOU Rates

		(22) On Peak Rate Differential	(23) Off Peak Rate Differential	(24) Levelized Adj. On Peak	(25) Levelized Adj. Off Peak
	Rate Schedule				
60	RS	0.0840	(0.0390)	$0.19796	$0.07496
61	GS	0.0400	(0.0500)	$0.15797	$0.06797
62	GSD	0.0400	(0.0325)	$0.15201	$0.07951
63	GSLD	0.0600	(0.0300)	$0.16937	$0.07937
64	Interruptible	(0.0150)	-	$0.09437	$0.10937

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FLORIDA PUBLIC UTILITIES COMPANY
CALCULATION OF TRUE-UP SURCHARGE
APPLICABLE TO LEVELIZED FUEL ADJUSTMENT PERIOD
JANUARY 2022 - DECEMBER 2022
BASED ON SIX MONTHS ACTUAL AND SIX MONTHS ESTIMATED OPERATIONS

FLORIDA DIVISION-CONSOLIDATED

Under-recovery of purchased power costs for the period January 2022 - December 2022. (See Schedule E1-B, Calculation of Estimated Purchased Power Costs and Calculation of True-Up and Interest Provision for the Twelve Month Period ended December 2022.)(Estimated)	$	21,191,231
Portion of 2022 Under-recovery to be collected for the period January 2023 - December 2023	$	7,063,744
Estimated kilowatt hour sales for the months of January 2023 - December 2023 as per estimate filed with the Commission. (Excludes GSLD1 customers)		636,007,600
Cents per kilowatt hour necessary to collect total under-recovered purchased power costs over the period January 2023- December 2023		3.33191
Cents per kilowatt hour necessary to collect portion of under-recovered purchased power costs over the period January 2023- December 2023		1.11064

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SCHEDULE E2

FLORIDA PUBLIC UTILITIES COMPANY
FLORIDA DIVISION-CONSOLIDATED
FUEL & PURCHASED POWER COST RECOVERY CLAUSE CALCULATION

ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023

LINE NO.			(a) JANUARY	(b) FEBRUARY	(c) MARCH	(d) APRIL	(e) MAY	(f) ESTIMATED JUNE	(h) JULY	(i) AUGUST	(j) SEPTEMBER	(k) OCTOBER	(l) NOVEMBER	(m) DECEMBER	(n) TOTAL PERIOD	LINE NO.
1	FUEL COST OF SYSTEM GENERATION														0	1
1a	NUCLEAR FUEL DISPOSAL														0	1a
2	FUEL COST OF POWER SOLD														0	2
3	FUEL COST OF PURCHASED POWER		2,689,517	2,742,040	1,736,426	1,557,959	1,661,981	2,500,300	2,625,092	2,780,678	2,714,260	2,434,800	1,888,966	1,915,095	27,247,115	3
3a	DEMAND & NON FUEL COST OF PUR POWER		1,519,175	1,317,596	1,328,333	1,224,183	1,363,368	1,579,054	1,600,653	1,624,544	1,581,018	1,375,530	1,230,356	1,504,882	17,248,693	3a
3b	QUALIFYING FACILITIES		2,388,225	2,099,188	2,251,914	1,880,313	1,864,982	1,694,097	1,797,809	1,670,994	1,838,866	1,855,073	1,793,620	1,898,774	23,033,855	3b
4	OTHER FUEL RELATED COSTS		74,272	74,272	75,722	74,272	74,272	75,722	74,272	74,272	75,722	74,272	74,272	76,722	898,064	4
5	TOTAL FUEL & NET POWER TRANSACTIONS (SUM OF LINES A-1 THRU A-4)		6,671,188	6,233,096	5,392,395	4,736,727	4,964,603	5,849,173	6,097,827	6,150,489	6,209,866	5,739,676	4,987,215	5,395,473	68,427,727	5
5a	LESS: TOTAL DEMAND COST RECOVERY		1,410,226	1,193,258	1,230,293	1,119,627	1,247,615	1,441,171	1,485,722	1,481,634	1,464,775	1,270,177	1,132,964	1,390,534	15,867,996	5a
5b	TOTAL OTHER COST TO BE RECOVERED		5,260,963	5,039,837	4,162,102	3,617,099	3,716,989	4,408,002	4,612,105	4,668,855	4,745,092	4,469,498	3,854,251	4,004,939	52,559,731	5b
6	APPORTIONMENT TO GSLD1 CLASS		243,082	388,505	241,271	141,034	79,979	145,337	140,578	216,434	184,358	250,785	359,395	183,543	2,574,302	6
6a	BALANCE TO OTHER CLASSES		5,017,881	4,651,333	3,920,831	3,476,066	3,637,009	4,262,665	4,471,527	4,452,420	4,560,734	4,218,713	3,494,856	3,821,396	49,985,430	6a
6b	SYSTEM KWH SOLD (MWH)		52,397	50,929	44,710	46,424	48,154	56,190	60,649	64,390	65,704	62,503	53,959	54,494	660,504	6b
7	GSLD1 MWH SOLD		1,872	3,047	1,822	1,173	587	1,402	1,665	2,304	2,153	2,852	3,873	1,747	24,496	7
7a	BALANCE MWH SOLD OTHER CLASSES		50,526	47,882	42,888	45,251	47,567	54,789	58,984	62,086	63,551	59,651	50,086	52,747	636,008	7a
7b	COST PER KWH SOLD (CENTS/KWH) APPLICABLE TO OTHER CLASSES		9.93136	9.71413	9.14205	7.6817	7.64611	7.78021	7.58097	7.17137	7.17649	7.07229	6.97768	7.24474	7.85925	7b
8	JURISDICTIONAL LOSS MULTIPLIER		1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	8
9	JURISDICTIONAL COST (CENTS/KWH)		9.93136	9.71413	9.14205	7.68170	7.64611	7.78021	7.58097	7.17137	7.17649	7.07229	6.97768	7.24474	7.85925	9
10	PROJECTED UNBILLED REVENUES(CENTS/KWH)		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	10
11	GPIF (CENTS/KWH)															11
12	TRUE-UP (CENTS/KWH)	7,063,744	1.11064	1.11064	1.11064	1.11064	1.11064	1.11064	1.11064	1.11064	1.11064	1.11064	1.11064	1.11064	1.11064	12
13	TOTAL		11.04200	10.82477	10.25269	8.79234	8.75675	8.89085	8.69161	8.28201	8.28713	8.18293	8.08832	8.35538	8.96989	13
14	REVENUE TAX FACTOR	0.00072	0.00795	0.00779	0.00738	0.00633	0.00630	0.00640	0.00626	0.00596	0.00597	0.00589	0.00582	0.00602	0.00646	14
15	RECOVERY FACTOR ADJUSTED FOR TAXES		11.04995	10.83256	10.26007	8.79867	8.76305	8.89725	8.69787	8.28797	8.29310	8.18882	8.09414	8.36140	8.97635	15
16	RECOVERY FACTOR ROUNDED TO NEAREST .001 CENT/KWH		11.05	10.833	10.26	8.799	8.763	8.897	8.698	8.288	8.293	8.189	8.094	8.361	8.976	16

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FLORIDA PUBLIC UTILITIES COMPANY
FLORIDA DIVISION-CONSOLIDATED
PURCHASED POWER
(EXCLUSIVE OF ECONOMY ENERGY PURCHASES)

ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL KWH PURCHASED	KWH FOR OTHER UTILITIES	KWH FOR INTERRUPTIBLE	KWH FOR FIRM	CENTS/KWH (A) FUEL COST	CENTS/KWH (B) TOTAL COST	TOTAL $ FOR FUEL ADJ. (7) x (8) (A)
JANUARY 2023	FPL / GULF POWER	MS	37,376,278			37,376,278	7.195785	11.411284	2,689,517
FEBRUARY 2023	FPL / GULF POWER	MS	38,055,687			38,055,687	7.205336	10.815881	2,742,040
MARCH 2023	FPL / GULF POWER	MS	28,592,000			28,592,000	6.073117	10.916274	1,736,426
APRIL 2023	FPL / GULF POWER	MS	32,867,279			32,867,279	4.740152	8.636443	1,557,959
MAY 2023	FPL / GULF POWER	MS	36,418,144			36,418,144	4.563607	8.462186	1,661,981
JUNE 2023	FPL / GULF POWER	MS	50,099,607			50,099,607	4.990659	8.255107	2,500,300
JULY 2023	FPL / GULF POWER	MS	52,129,781			52,129,781	5.035686	8.214436	2,625,092
AUGUST 2023	FPL / GULF POWER	MS	54,410,518			54,410,518	5.110553	8.199967	2,780,678
SEPTEMBER 2023	FPL / GULF POWER	MS	52,974,315			52,974,315	5.123729	8.214737	2,714,260
OCTOBER 2023	FPL / GULF POWER	MS	48,027,911			48,027,911	5.069553	8.051053	2,434,800
NOVEMBER 2023	FPL / GULF POWER	MS	38,939,399			38,939,399	4.851041	8.155607	1,888,966
DECEMBER 2023	FPL / GULF POWER	MS	39,718,469			39,718,469	4.821675	8.752601	1,915,095
TOTAL			509,609,388	0	0	509,609,388	5.346667	8.864215	27,247,115

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FLORIDA PUBLIC UTILITIES COMPANY
FLORIDA DIVISION-CONSOLIDATED
PURCHASED POWER
ENERGY PAYMENT TO QUALIFYING FACILITIES

ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL KWH PURCHASED	KWH FOR OTHER UTILITIES	KWH FOR INTERRUPTIBLE	KWH FOR FIRM	CENTS/KWH (A) FUEL COST	CENTS/KWH (B) TOTAL COST	TOTAL $ FOR FUEL ADJ. (7) x (8) (A)
JANUARY 2023	WEST-ROCK / RAYONIER / EIGHT FLAGS		16,565,000			16,565,000	14.417296	14.417296	2,388,225
FEBRUARY 2023	WEST-ROCK / RAYONIER / EIGHT FLAGS		14,912,000			14,912,000	14.077173	14.077173	2,099,188
MARCH 2023	WEST-ROCK / RAYONIER / EIGHT FLAGS		16,026,900			16,026,900	14.050840	14.050840	2,251,914
APRIL 2023	WEST-ROCK / RAYONIER / EIGHT FLAGS		15,135,400			15,135,400	12.423279	12.423279	1,880,313
MAY 2023	WEST-ROCK / RAYONIER / EIGHT FLAGS		15,106,600			15,106,600	12.345478	12.345478	1,864,982
JUNE 2023	WEST-ROCK / RAYONIER / EIGHT FLAGS		13,670,700			13,670,700	12.392175	12.392175	1,694,097
JULY 2023	WEST-ROCK / RAYONIER / EIGHT FLAGS		14,592,700			14,592,700	12.319920	12.319920	1,797,809
AUGUST 2023	WEST-ROCK / RAYONIER / EIGHT FLAGS		13,580,000			13,580,000	12.304816	12.304816	1,670,994
SEPTEMBER 2023	WEST-ROCK / RAYONIER / EIGHT FLAGS		15,549,600			15,549,600	11.825809	11.825809	1,838,866
OCTOBER 2023	WEST-ROCK / RAYONIER / EIGHT FLAGS		15,407,000			15,407,000	12.040456	12.040456	1,855,073
NOVEMBER 2023	WEST-ROCK / RAYONIER / EIGHT FLAGS		14,939,700			14,939,700	12.005730	12.005730	1,793,620
DECEMBER 2023	WEST-ROCK / RAYONIER / EIGHT FLAGS		15,427,600			15,427,600	12.307643	12.307643	1,898,774
TOTAL			180,913,200	0	0	180,913,200	12.731992	12.731992	23,033,855

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FLORIDA PUBLIC UTILITIES COMPANY
(MDN-1)
PAGE 7 OF 8

SCHEDULE E10

FLORIDA PUBLIC UTILITIES COMPANY
FLORIDA DIVISION-CONSOLIDATED
RESIDENTIAL BILL COMPARISON

ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023

	JANUARY 2023	FEBRUARY 2023	MARCH 2023	APRIL 2023	MAY 2023	JUNE 2023	JULY 2023
BASE RATE REVENUES ** $	54.61	54.61	54.61	54.61	54.61	54.61	54.61
FUEL RECOVERY FACTOR CENTS/KWH	11.40	11.40	11.40	11.40	11.40	11.40	11.40
GROUP LOSS MULTIPLIER	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
FUEL RECOVERY REVENUES $	113.96	113.96	113.96	113.96	113.96	113.96	113.96
GROSS RECEIPTS TAX	4.32	4.32	4.32	4.32	4.32	4.32	4.32
TOTAL REVENUES *** $	172.89	172.89	172.89	172.89	172.89	172.89	172.89

	AUGUST 2023	SEPTEMBER 2023	OCTOBER 2023	NOVEMBER 2023	DECEMBER 2023	PERIOD TOTAL
BASE RATE REVENUES ** $	54.61	54.61	54.61	54.61	54.61	655.32
FUEL RECOVERY FACTOR CENTS/KWH	11.40	11.40	11.40	11.40	11.40	
GROUP LOSS MULTIPLIER	1.00000	1.00000	1.00000	1.00000	1.00000	
FUEL RECOVERY REVENUES $	113.96	113.96	113.96	113.96	113.96	1,367.52
GROSS RECEIPTS TAX	4.32	4.32	4.32	4.32	4.32	51.84
TOTAL REVENUES *** $	172.89	172.89	172.89	172.89	172.89	2,074.68

* MONTHLY AND CUMULATIVE TWELVE MONTH ESTIMATED DATA

** BASE RATE REVENUES PER 1000 KWH:

CUSTOMER CHARGE	16.95
CENTS/KWH	23.73
CONSERVATION FACTOR	1.13
STORM PROTECTION PLAN COST RECOVERY	
STORM SURCHARGE (Michael/Dorian)	12.80
	54.61

*** EXCLUDES FRANCHISE TAXES

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FLORIDA PUBLIC UTILITIES COMPANY
(MDN-1)
PAGE 8 OF 8

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 31
PARTY: MAS-1
DESCRIPTION: Final True-Up Capacity Cost Recovery January 2021- December 2021 Final True-up Fuel Cost Recovery J...

TAMPA ELECTRIC COMPANY

FUEL AND PURCHASED POWER COST RECOVERY

AND

CAPACITY COST RECOVERY

FUEL AND PURCHASED POWER COST RECOVERY

AND

CAPACITY COST RECOVERY

INDEX

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3	Actual Fuel and Purchased Power True-up *vs.* Original Estimates January 2021 – December 2021	18
4	Fuel and Purchased Power Cost Recovery YTD December 2021 Schedules A1, A2, A6 through A9 and A12	20

EXHIBIT TO THE TESTIMONY OF
M. ASHLEY SIZEMORE

DOCUMENT NO. 1

FINAL CAPACITY OVER/(UNDER)RECOVERY FOR
JANUARY 2021 – DECEMBER 2021

TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF FINAL TRUE-UP VARIANCES
FOR THE PERIOD JANUARY 2021 THROUGH DECEMBER 2021

1.	Actual End-of-Period True-up: Over/(Under) Recovery	($39,496)
2.	Less: Actual/Estimated Over/(Under) Recovery Per Approved Mid-Course Projection (Approved 3/1/22) For the January 2021 Through December 2021 Period	(39,496)
3.	Final True-up: Over/(Under) Recovery to Be Carried Forward to the January 2023 Through December 2023 Period	**$0**

TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF FINAL TRUE-UP AMOUNT
FOR THE PERIOD JANUARY 2021 THROUGH DECEMBER 2021

	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Actual Jul-21	Actual Aug-21	Actual Sep-21	Actual Oct-21	Actual Nov-21	Actual Dec-21	Total
1 UNIT POWER CAPACITY CHARGES	2,069,886	1,125,101	385,048	704,682	(152,499)	1,179,112	1,178,306	1,194,682	709,319	876,604	363,303	638	9,634,182
2 CAPACITY PAYMENTS TO COGENERATORS	0	0	0	0	0	0	0	0	0	0	0	0	0
3 SCHEDULE J,D, & EMERG CAPACITY CHARGES	0	0	0	0	0	0	0	0	0	0	0	0	0
4 INCREMENTAL SECURITY O&M COSTS	0	0	0	0	0	0	0	0	0	0	0	0	0
5 (CAPACITY REVENUES)	(16,605)	(45,584)	(79,683)	(82,822)	(68,010)	(57,180)	(82,510)	(51,464)	(282,119)	(191,113)	(91,199)	(22,806)	(1,071,095)
6 TOTAL CAPACITY DOLLARS	2,053,281	1,079,517	305,365	621,860	(220,509)	1,121,932	1,095,796	1,143,218	427,200	685,491	272,104	(22,168)	8,563,087
7 JURISDICTIONAL PERCENTAGE	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
8 JURISDICTIONAL CAPACITY DOLLARS	2,053,281	1,079,517	305,365	621,860	(220,509)	1,121,932	1,095,796	1,143,218	427,200	685,491	272,104	(22,168)	8,563,087
9 CAPACITY COST RECOVERY REVENUES (Net of Revenue Taxes)	28,366	28,712	28,523	30,704	33,405	36,878	37,682	39,040	2,922,470	2,640,635	2,244,026	2,040,231	10,110,672
10 PRIOR PERIOD TRUE-UP PROVISION	147,623	147,623	147,623	147,623	147,623	147,623	147,623	147,623	(2,125,857)	(2,125,857)	(2,125,857)	(2,125,857)	(7,322,444)
11 CAPACITY COST RECOVERY REVENUES APPLICABLE TO CURRENT PERIOD (Net of Revenue Taxes)	175,989	176,335	176,146	178,327	181,028	184,501	185,305	186,663	796,613	514,778	118,169	(85,626)	2,788,228
12 TRUE-UP PROVISION FOR PERIOD OVER/(UNDER) RECOVERY (Line 11 - Line 8)	(1,877,292)	(903,182)	(129,219)	(443,533)	401,537	(937,431)	(910,491)	(956,555)	369,413	(170,713)	(153,935)	(63,458)	(5,774,859)
13 INTEREST PROVISION FOR PERIOD	(234)	(372)	(384)	(419)	(270)	(291)	(413)	(399)	(364)	(303)	(247)	(86)	(3,782)
14 OTHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0
15 TRUE-UP AND INT. PROVISION BEGINNING OF PERIOD - OVER/(UNDER) RECOVERY	(1,583,299)	(3,608,448)	(4,659,625)	(4,936,851)	(5,528,426)	(5,274,782)	(6,360,127)	(7,418,654)	(8,523,231)	(6,028,325)	(4,073,484)	(2,101,809)	(1,583,299)
16 PRIOR PERIOD TRUE-UP PROVISION COLLECTED/(REFUNDED) THIS PERIOD	(147,623)	(147,623)	(147,623)	(147,623)	(147,623)	(147,623)	(147,623)	(147,623)	2,125,857	2,125,857	2,125,857	2,125,857	7,322,444
17 END OF PERIOD TRUE-UP - OVER/(UNDER) RECOVERY (SUM OF LINES 12 - 16)	(3,608,448)	(4,659,625)	(4,936,851)	(5,528,426)	(5,274,782)	(6,360,127)	(7,418,654)	(8,523,231)	(6,028,325)	(4,073,484)	(2,101,809)	(39,496)	**(39,496)**

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CCR 2021 FINAL TRUE-UP
EXHIBIT NO._____ (MAS-1)
DOCUMENT NO. 1
PAGE 2 OF 4

TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF FINAL TRUE-UP AMOUNT
FOR THE PERIOD JANUARY 2021 THROUGH DECEMBER 2021

	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Actual Jul-21	Actual Aug-21	Actual Sep-21	Actual Oct-21	Actual Nov-21	Actual Dec-21	Total
1 BEGINNING TRUE-UP AMOUNT	(1,583,299)	(3,608,448)	(4,659,625)	(4,936,851)	(5,528,426)	(5,274,782)	(6,360,127)	(7,418,654)	(8,523,231)	(6,028,325)	(4,073,484)	(2,101,809)	(1,583,299)
2 ENDING TRUE-UP AMOUNT BEFORE INTEREST	(3,608,214)	(4,659,253)	(4,936,467)	(5,528,007)	(5,274,512)	(6,359,836)	(7,418,241)	(8,522,832)	(6,027,961)	(4,073,181)	(2,101,562)	(39,410)	(35,714)
3 TOTAL BEGINNING & ENDING TRUE-UP AMT. (LINE 1 + LINE 2)	(5,191,513)	(8,267,701)	(9,596,092)	(10,464,858)	(10,802,938)	(11,634,618)	(13,778,368)	(15,941,486)	(14,551,192)	(10,101,506)	(6,175,046)	(2,141,219)	(1,619,013)
4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	(2,595,757)	(4,133,851)	(4,798,046)	(5,232,429)	(5,401,469)	(5,817,309)	(6,889,184)	(7,970,743)	(7,275,596)	(5,050,753)	(3,087,523)	(1,070,610)	(809,507)
5 INTEREST RATE % - 1ST DAY OF MONTH	0.100	0.120	0.090	0.110	0.070	0.040	0.080	0.060	0.060	0.070	0.080	0.110	NA
6 INTEREST RATE % - 1ST DAY OF NEXT MONTH	0.120	0.090	0.110	0.070	0.040	0.080	0.060	0.060	0.070	0.080	0.110	0.080	NA
7 TOTAL (LINE 5 + LINE 6)	0.220	0.210	0.200	0.180	0.110	0.120	0.140	0.120	0.130	0.150	0.190	0.190	NA
8 AVERAGE INTEREST RATE % (50% OF LINE 7)	0.110	0.105	0.100	0.090	0.055	0.060	0.070	0.060	0.065	0.075	0.095	0.095	NA
9 MONTHLY AVERAGE INTEREST RATE % (LINE 8/12)	0.009	0.009	0.008	0.008	0.005	0.005	0.006	0.005	0.005	0.006	0.008	0.008	NA
10 INTEREST PROVISION (LINE 4 X LINE 9)	(234)	(372)	(384)	(419)	(270)	(291)	(413)	(399)	(364)	(303)	(247)	(86)	(3,782)

TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF FINAL TRUE-UP VARIANCES
FOR THE PERIOD JANUARY 2021 THROUGH DECEMBER 2021

	(1)	(2)	(3)	(4)
	ACTUAL	Per Mid-Course ESTIMATED	VARIANCE (1) - (2)	% CHANGE (3)/(2)
1 UNIT POWER CAPACITY CHARGES	$9,634,182	$9,430,025	$204,157	2.16%
2 CAPACITY PAYMENTS TO COGENERATORS	0	0	0	0.00%
3 SCHEDULE J & D CAPACITY CHARGES	0	0	0	0.00%
4 INCREMENTAL SECURITY O&M COSTS	0	0	0	0.00%
5 (CAPACITY REVENUES)	(1,071,095)	(1,003,400)	(67,695)	6.75%
6 TOTAL CAPACITY DOLLARS	$8,563,087	$8,426,625	$136,462	1.62%
7 JURISDICTIONAL PERCENTAGE	100.00%	100.00%	0	0.00%
8 JURISDICTIONAL CAPACITY DOLLARS	$8,563,087	8,426,625	$136,462	1.62%
9 CAPACITY COST RECOVERY REVENUES (Net of Revenue Taxes)	10,110,672	9,996,100	114,572	1.15%
10 PRIOR PERIOD TRUE-UP PROVISION	(7,322,444)	(7,322,444)	0	0.00%
11 CAPACITY COST RECOVERY REVENUES APPLICABLE TO CURRENT PERIOD (Net of Revenue Taxes)	$2,788,228	$2,673,656	$114,572	4.29%
12 TRUE-UP PROVISION FOR PERIOD OVER/(UNDER) RECOVERY (Line 11 - Line 8)	($5,774,859)	($5,752,969)	($21,890)	0.38%
13 INTEREST PROVISION FOR PERIOD	(3,782)	(11,356)	7,574	-66.70%
14 OTHER ADJUSTMENT	0	0	0	0.00%
15 TRUE-UP AND INT. PROVISION BEGINNING OF PERIOD - OVER/(UNDER) RECOVERY	(1,583,299)	(1,583,299)	0	0.00%
16 PRIOR PERIOD TRUE-UP PROVISION COLLECTED/(REFUNDED) THIS PERIOD	7,322,444	7,322,444	(0)	0.00%
17 END OF PERIOD TRUE-UP - OVER/(UNDER) RECOVERY (SUM OF LINES 12 - 16)	($39,496)	($25,180)	($14,316)	56.85%

EXHIBIT TO THE TESTIMONY OF
M. ASHLEY SIZEMORE

DOCUMENT NO. 2

FINAL FUEL AND PURCHASED POWER OVER/(UNDER)RECOVERY
FOR
JANUARY 2021 – DECEMBER 2021

TAMPA ELECTRIC COMPANY
FINAL FUEL AND PURCHASED POWER OVER/(UNDER) RECOVERY
FOR THE PERIOD
JANUARY 2021 THROUGH DECEMBER 2021

1 TOTAL FUEL COSTS FOR THE PERIOD	$	754,096,615
2 JURISDICTIONAL FUEL COSTS (INCL. ALL ADJUSTMENTS)		754,096,615
3 JURISDICTIONAL FUEL REVENUES APPLICABLE TO THE PERIOD		637,660,403
4 ACTUAL OVER/(UNDER) RECOVERED FUEL COSTS FOR THE PERIOD (LINE 3 - LINE 2)	$	(116,436,212)
5 ADJUSTMENTS		0
6 INTEREST		(27,346)
7 TRUE-UP COLLECTED		66,001,888
8 PRIOR PERIOD TRUE-UP (ACTUAL ENDING 12/20)		(21,709,799)
9 ACTUAL OVER/(UNDER) RECOVERY FOR THE PERIOD (LINE 4 + LINE 5 + LINE 6 + LINE 7 + LINE 8)	$	(72,171,466)
10 OVER/(UNDER) RECOVERY PER APPROVED MID-COURSE (APPROVED 3/1/22) (SCHEDULE E1-A LINE 6)		(72,171,466)
11 FINAL FUEL OVER/(UNDER) RECOVERY (LINE 9 - LINE 10)	**$**	**0**

EXHIBIT TO THE TESTIMONY OF

M. ASHLEY SIZEMORE

DOCUMENT NO. 3

ACTUAL FUEL AND PURCHASED POWER TRUE-UP

VS.

ORIGINAL ESTIMATES

JANUARY 2021 – DECEMBER 2021

TAMPA ELECTRIC COMPANY
CALCULATION OF TRUE-UP AMOUNT
ACTUAL vs. MID-COURSE ESTIMATES
FOR THE PERIOD
JANUARY 2021 THROUGH DECEMBER 2021

		ACTUAL	per Mid-Course ESTIMATED	VARIANCE AMOUNT	%
A	1. FUEL COST OF SYSTEM NET GENERATION	$662,780,053	$591,149,796	$71,630,257	12.1
	2. FUEL COST OF POWER SOLD	4,125,569	1,169,783	2,955,786	252.7
	2a. GAINS FROM SALES	1,093,910	163,962	929,948	567.2
	3. FUEL COST OF PURCHASED POWER	26,244,311	9,605,451	16,638,860	173.2
	3a. DEMAND & NONFUEL COST OF PUR. PWR.	0	0	0	0.0
	3b. PAYMENT TO QUALIFIED FACILITIES	1,606,029	2,059,868	(453,839)	(22.0)
	4. ENERGY COST OF ECONOMY PURCHASES	68,685,701	75,672,756	(6,987,055)	(9.2)
	5. ADJUSTMENTS	0	0	0	0.0
	6. ADJUSTED TOTAL FUEL & NET PWR.TRANS. (SUM OF LINES A1 THRU 5)	$754,096,615	$677,154,125	$76,942,490	11.4
C	1. JURISDICTIONAL FUEL REVENUE	$707,701,167	$702,632,279	$5,068,888	0.7
	2. FUEL ADJUSTMENT NOT APPLICABLE	0	0	0	0.0
	2a. TRUE-UP PROVISION	(66,001,888)	(66,001,888)	0	0.0
	2b. INCENTIVE PROVISION	(2,858,056)	(2,858,056)	0	0.0
	2c. 2019 OPTIMIZATION MECHANISM GAIN	(1,180,820)	(1,180,820)	0	0.0
	3. JURIS. FUEL REVENUE APPL. TO PERIOD (Sum of Lines C1 through C2c)	$637,660,403	$632,591,515	$5,068,888	0.8
	6d. JURISD. TOTAL FUEL & NET PWR. TRANS.	754,096,615	677,154,125	76,942,490	11.4
	7. TRUE-UP PROV.- THIS PER. (LINE C3-C6d)	($116,436,212)	($44,562,610)	($71,873,602)	161.3
	8. INTEREST PROVISION - THIS PERIOD	(27,346)	(54,897)	27,551	(50.2)
	TOTAL TRUE-UP AMOUNT FOR PERIOD (LINE 7 through 8)	($116,463,558)	($44,617,507)	($71,846,051)	161.0
	9. TRUE-UP & INT. PROV. BEG. OF PERIOD (Beginning January 2021)	(21,709,799)	(21,709,799)	0	0.0
	10. TRUE-UP COLLECTED (REFUNDED)	66,001,888	66,001,888	0	0.0
	11. END OF PERIOD TOTAL NET TRUE-UP (LINE C8 through C10)	($72,171,466)	($325,418)	($71,846,048)	22,078.1

EXHIBIT TO THE TESTIMONY OF

M. ASHLEY SIZEMORE

DOCUMENT NO. 4

FUEL AND PURCHASED POWER COST RECOVERY

YTD DECEMBER 2021

SCHEDULES A1 AND A2

AND

SCHEDULES A6 THROUGH A9

AND

SCHEDULE A12

FUEL AND PURCHASED POWER COST RECOVERY

SCHEDULES A1 AND A2

DECEMBER 2021

COMPARISON OF ESTIMATED AND ACTUAL
FUEL AND PURCHASED POWER COST RECOVERY FACTOR
TAMPA ELECTRIC COMPANY
MONTH OF: December 2021

	$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	67,790,239	51,183,615	16,606,624	32.4%	1,540,807	1,519,760	21,047	1.4%	4.39966	3.36787	1.03178	30.6%
2. Spent Nuclear Fuel Disposal Cost	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
3. Coal Car Investment	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4a. Adjustments	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4c. Adjustments	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
5. TOTAL COST OF GENERATED POWER (Lines 1 through 4c)	**67,790,239**	**51,183,615**	**16,606,624**	**32.4%**	**1,540,807**	**1,519,760**	**21,047**	**1.4%**	**4.39966**	**3.36787**	**1.03178**	**30.6%**
6. Fuel Cost of Purchased Power - Firm (A7)	2,164,984	0	2,164,984	0.0%	10,592	0	10,592	0.0%	20.43980	0.00000	20.43980	0.0%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	153,600	112,500	41,100	36.5%	3,200	2,040	1,160	56.9%	4.80000	5.51471	(0.71471)	-13.0%
8. Energy Cost of Other Econ. Purch. (Non-Broker) (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
9. Energy Cost of Sch. E Economy Purchases (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
10. Capacity Cost of Sch. E Economy Purchases	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
11. Payments to Qualifying Facilities & Net Metering (A8)	73,105	134,790	(61,685)	-45.8%	2,295	5,160	(2,865)	-55.5%	3.18540	2.61221	0.57319	21.9%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	**2,391,689**	**247,290**	**2,144,399**	**867.2%**	**16,087**	**7,200**	**8,887**	**123.4%**	**14.86722**	**3.43458**	**11.43263**	**332.9%**
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					**1,556,894**	**1,526,960**	**29,934**	**2.0%**				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	74,476	89,580	(15,104)	-16.9%	2,339	2,940	(601)	-20.4%	3.18410	3.04694	0.13716	4.5%
15. Fuel Cost of Sch. C/CB Sales (A6)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
16. Fuel Cost of OATT Sales (A6)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
17. Fuel Cost of Market Base Sales (A6)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
18. Gains on Sales	5,634	6,313	(679)	-10.8%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES (LINE 14 + 15 + 16 + 17 + 18)	**80,110**	**95,893**	**(15,783)**	**-16.5%**	**2,339**	**2,940**	**(601)**	**-20.4%**	**3.42497**	**3.26167**	**0.16330**	**5.0%**
20. Net Inadvertant Interchange					408	0	408	0.0%				
21. Wheeling Rec'd. less Wheeling Delv'd.					224	0	224	0.0%				
22. Interchange and Wheeling Losses					271	0	271	0.0%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS (LINE 5 + 12 - 19 + 20 + 21 - 22)	**70,101,818**	**51,335,012**	**18,766,806**	**36.6%**	**1,554,916**	**1,524,020**	**30,896**	**2.0%**	**4.50840**	**3.36839**	**1.14000**	**33.8%**
24. Net Unbilled	2,377,144	1,189,213	1,187,931	99.9%	52,727	35,305	17,422	49.3%	4.50840	3.36839	1.14001	33.8%
25. Company Use	142,601	101,052	41,549	41.1%	3,163	3,000	163	5.4%	4.50841	3.36840	1.14001	33.8%
26. T & D Losses	2,443,372	1,699,354	744,018	43.8%	54,196	50,450	3,746	7.4%	4.50840	3.36840	1.14000	33.8%
27. System KWH Sales	70,101,818	51,335,012	18,766,806	36.6%	1,444,830	1,435,265	9,565	0.7%	4.85191	3.57669	1.27522	35.7%
28. Wholesale KWH Sales	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
29. Jurisdictional KWH Sales	70,101,818	51,335,012	18,766,806	36.6%	1,444,830	1,435,265	9,565	0.7%	4.85191	3.57669	1.27522	35.7%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	70,101,818	51,335,012	18,766,806	36.6%	1,444,830	1,435,265	9,565	0.7%	4.85191	3.57669	1.27522	35.7%
32. 2019 Optimization Mechanism Gain	98,398	98,398	0	0.0%	1,444,830	1,435,265	9,565	0.7%	0.00681	0.00686	(0.00005)	-0.7%
33. True-up *	12,253,962	12,253,962	0	0.0%	1,444,830	1,435,265	9,565	0.7%	0.84812	0.85378	(0.00565)	-0.7%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	82,454,178	63,687,372	18,766,806	29.5%	1,444,830	1,435,265	9,565	0.7%	5.70684	4.43732	1.26952	28.6%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	82,513,545	63,733,227	18,780,318	29.5%	1,444,830	1,435,265	9,565	0.7%	5.71095	4.44052	1.27043	28.6%
37. GPIF * (Already Adjusted for Taxes)	238,175	238,175	0	0.0%	1,444,830	1,435,265	9,565	0.7%	0.01648	0.01659	(0.00011)	-0.7%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	**82,751,720**	**63,971,402**	**18,780,318**	**29.4%**	**1,444,830**	**1,435,265**	**9,565**	**0.7%**	**5.72743**	**4.45711**	**1.27032**	**28.5%**
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									**5.727**	**4.457**	**1.270**	**28.5%**

* Based on Jurisdictional Sales (a) included for informational purposes only

COMPARISON OF ESTIMATED AND ACTUAL
FUEL AND PURCHASED POWER COST RECOVERY FACTOR
TAMPA ELECTRIC COMPANY
PERIOD TO DATE THROUGH: December 2021

	$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	662,780,053	591,149,796	71,630,257	12.1%	18,736,670	18,837,697	(101,027)	-0.5%	3.53734	3.13812	0.39922	12.7%
2. Spent Nuclear Fuel Disposal Cost	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
3. Coal Car Investment	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4a. Adjustments	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4c. Adjustments	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
5. TOTAL COST OF GENERATED POWER (Lines 1 through 4c)	**662,780,053**	**591,149,796**	**71,630,257**	**12.1%**	**18,736,670**	**18,837,697**	**(101,027)**	**-0.5%**	**3.53734**	**3.13812**	**0.39922**	**12.7%**
6. Fuel Cost of Purchased Power - Firm (A7)	26,244,311	9,605,451	16,638,860	173.2%	516,325	223,336	292,989	131.2%	5.08291	4.30090	0.78201	18.2%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	68,685,701	75,672,756	(6,987,055)	-9.2%	1,845,736	1,944,549	(98,813)	-5.1%	3.72132	3.89153	(0.17021)	-4.4%
8. Energy Cost of Other Econ. Purch. (Non-Broker) (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
9. Energy Cost of Sch. E Economy Purchases (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
10. Capacity Cost of Sch. E Economy Purchases	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
11. Payments to Qualifying Facilities & Net Metering (A8)	1,606,029	2,059,868	(453,839)	-22.0%	65,615	75,968	(10,353)	-13.6%	2.44766	2.71149	(0.26384)	-9.7%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	**96,536,041**	**87,338,075**	**9,197,966**	**10.5%**	**2,427,676**	**2,243,853**	**183,823**	**8.2%**	**3.97648**	**3.89233**	**0.08415**	**2.2%**
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					**21,164,346**	**21,081,550**	**82,796**	**0.4%**				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	965,562	862,115	103,447	12.0%	34,127	32,742	1,385	4.2%	2.82932	2.63306	0.19626	7.5%
15. Fuel Cost of Sch. C/CB Sales (A6)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
16. Fuel Cost of OATT Sales (A6)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
17. Fuel Cost of Market Base Sales (A6)	3,160,007	307,669	2,852,338	927.1%	79,443	11,968	67,475	563.8%	3.97770	2.57076	1.40694	54.7%
18. Gains on Sales	1,093,910	163,963	929,947	567.2%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES (LINE 14 + 15 + 16 + 17 + 18)	**5,219,479**	**1,333,747**	**3,885,732**	**291.3%**	**113,570**	**44,710**	**68,860**	**154.0%**	**4.59583**	**2.98311**	**1.61272**	**54.1%**
20. Net Inadvertant Interchange					408	0	408	0.0%				
21. Wheeling Rec'd. less Wheeling Delv'd.					224	0	224	0.0%				
22. Interchange and Wheeling Losses					271	0	271	0.0%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS (LINE 5 + 12 - 19 + 20 + 21 - 22)	**754,096,615**	**677,154,124**	**76,942,491**	**11.4%**	**21,051,137**	**21,036,840**	**14,297**	**0.1%**	**3.58221**	**3.21890**	**0.36332**	**11.3%**
24. Net Unbilled	(6,413,534) (a)	5,604,383 (a)	(12,017,917)	-214.4%	(23,049)	207,679	(230,728)	-111.1%	27.82565	2.69857	25.12708	931.1%
25. Company Use	1,344,140 (a)	1,167,175 (a)	176,965	15.2%	37,154	36,000	1,154	3.2%	3.61775	3.24215	0.37560	11.6%
26. T & D Losses	34,018,576 (a)	30,715,795 (a)	3,302,781	10.8%	946,416	945,854	562	0.1%	3.59446	3.24741	0.34705	10.7%
27. System KWH Sales	754,096,615	684,562,910	69,533,705	10.2%	20,088,329	19,847,306	241,023	1.2%	3.75390	3.44915	0.30476	8.8%
28. Wholesale KWH Sales	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
29. Jurisdictional KWH Sales	754,096,615	684,562,910	69,533,705	10.2%	20,088,329	19,847,306	241,023	1.2%	3.75390	3.44915	0.30476	8.8%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	754,096,615	684,562,910	69,533,705	10.2%	20,088,329	19,847,306	241,023	1.2%	3.75390	3.44915	0.30476	8.8%
32. 2019 Optimization Mechanism Gain	1,180,820	1,180,820	0	0.0%	20,088,329	19,847,306	241,023	1.2%	0.00588	0.00595	(0.00007)	-1.2%
33. True-up *	66,001,888	66,001,888	0	0.0%	20,088,329	19,847,306	241,023	1.2%	0.32856	0.33255	(0.00399)	-1.2%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	821,279,323	751,745,618	69,533,705	9.2%	20,088,329	19,847,306	241,023	1.2%	4.08834	3.78765	0.30070	7.9%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	821,870,645	752,286,876	69,583,769	9.2%	20,088,329	19,847,306	241,023	1.2%	4.09128	3.79037	0.30091	7.9%
37. GPIF * (Already Adjusted for Taxes)	2,858,056	2,858,056	0	0.0%	20,088,329	19,847,306	241,023	1.2%	0.01423	0.01440	(0.00017)	-1.2%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	**824,728,701**	**755,144,932**	**69,583,769**	**9.2%**	**20,088,329**	**19,847,306**	**241,023**	**1.2%**	**4.10551**	**3.80477**	**0.30074**	**7.9%**
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									**4.106**	**3.805**	**0.301**	**7.9%**

* Based on Jurisdictional Sales (a) included for informational purposes only

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: December 2021

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	DIFFERENCE %	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	DIFFERENCE %
A. FUEL COST & NET POWER TRANSACTION								
1. FUEL COST OF SYSTEM NET GENERATION	67,790,239	51,183,615	16,606,624	32.4%	662,780,053	591,149,796	71,630,257	12.1%
1a. FUEL REL. R & D AND DEMO. COST	0	0	0	0.0%	0	0	0	0.0%
2. FUEL COST OF POWER SOLD	74,476	89,580	(15,104)	-16.9%	4,125,569	1,169,783	2,955,786	252.7%
2a. GAINS FROM SALES	5,634	6,313	(679)	-10.8%	1,093,910	163,962	929,948	567.2%
3. FUEL COST OF PURCHASED POWER	2,164,984	0	2,164,984	0.0%	26,244,311	9,605,451	16,638,860	173.2%
3a. DEMAND & NONFUEL COST OF PUR. PWR.	0	0	0	0.0%	0	0	0	0.0%
3b. PAYMENT TO QUALIFIED FACILITIES	73,105	134,790	(61,685)	-45.8%	1,606,029	2,059,868	(453,839)	-22.0%
4. ENERGY COST OF ECONOMY PURCHASES	153,600	112,500	41,100	36.5%	68,685,701	75,672,756	(6,987,055)	-9.2%
5. TOTAL FUEL & NET POWER TRANSACTION	70,101,818	51,335,012	18,766,806	36.6%	754,096,615	677,154,125	76,942,490	11.4%
6. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%
7. ADJUSTED TOTAL FUEL & NET PWR.TRANS.	70,101,818	51,335,012	18,766,806	36.6%	754,096,615	677,154,125	76,942,490	11.4%
B. MWH SALES								
1. JURISDICTIONAL SALES	1,444,830	1,435,265	9,565	0.7%	20,088,465	19,944,141	144,324	0.7%
2. NONJURISDICTIONAL SALES	0	0	0	0.0%	0	0	0	0.0%
3. TOTAL SALES	1,444,830	1,435,265	9,565	0.7%	20,088,465	19,944,141	144,324	0.7%
4. JURISDIC. SALES-% TOTAL MWH SALES	1.0000000	1.0000000	0.0000000	0.0%	1.0000000	1.0000000	0.0000000	0.0%

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: December 2021

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	DIFFERENCE %	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	DIFFERENCE %
C. TRUE-UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	60,348,889	60,076,100	272,789	0.5%	707,701,167	702,632,279	5,068,888	0.7%
2. JURISDICTIONAL FUEL REVENUE CREDIT	0	0	0	0.0%	0	0	0	0.0%
2a. TRUE-UP PROVISION	(12,253,962)	(12,253,962)	0	0.0%	(66,001,888)	(66,001,888)	0	0.0%
2b. GPIF PROVISION	(238,175)	(238,175)	0	0.0%	(2,858,056)	(2,858,056)	0	0.0%
2c. 2019 OPTIMIZATION MECHANISM GAIN	(98,398)	(98,398)	0	0.0%	(1,180,820)	(1,180,820)	0	0.0%
3. JURIS. FUEL REVENUE APPL. TO PERIOD	47,758,354	47,485,565	272,789	0.6%	637,660,403	632,591,515	5,068,888	0.8%
4. ADJ. TOTAL FUEL & NET PWR. TRANS. (LINE A7)	70,101,818	51,335,012	18,766,806	36.6%	754,096,615	677,154,125	76,942,490	11.4%
5. JURISDIC. SALES- % TOTAL MWH SALES (LINE B4)	1.0000000	1.0000000	0.0000000	0.0%	-	-	-	-
6. JURISDIC. TOTAL FUEL & NET PWR.TRANS.	70,101,818	51,335,012	18,766,806	36.6%	754,096,615	677,154,125	76,942,490	11.4%
6a. JURISDIC. LOSS MULTIPLIER	1.00000	1.00000	0.00000	0.0%	-	-	-	-
6b. (LINE C6 x LINE C6a)	70,101,818	51,335,012	18,766,806	36.6%	754,096,615	677,154,125	76,942,490	11.4%
6c. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%
6d. JURISDIC. TOTAL FUEL & NET PWR INCL. ALL ADJ.(LNS. C6b+C6c)	70,101,818	51,335,012	18,766,806	36.6%	754,096,615	677,154,125	76,942,490	11.4%
7. TRUE-UP PROV. FOR MO. +/- COLLECTED (LINE C3 - LINE C6d)	(22,343,464)	(3,849,447)	(18,494,017)	480.4%	(116,436,212)	(44,562,610)	(71,873,602)	161.3%
8. INTEREST PROVISION FOR THE MONTH	(5,370)	(1,448)	(3,922)	270.9%	(27,346)	(54,897)	27,551	-50.2%
9. TRUE-UP & INT. PROV. BEG. OF MONTH	(62,076,596)	(8,728,485)	(53,348,111)	611.2%	NOT APPLICABLE			
10. TRUE-UP COLLECTED (REFUNDED)	12,253,962	12,253,962	0	0.0%	NOT APPLICABLE			
11. END OF PERIOD TOTAL NET TRUE-UP (LINE C7 through C10)	(72,171,466)	(325,418)	(71,846,048)	22078.1%	NOT APPLICABLE			

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: December 2021

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	DIFFERENCE %	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	DIFFERENCE %
D. INTEREST PROVISION								
1. BEGINNING TRUE-UP AMOUNT (LINE C10)	(62,076,596)	(8,728,485)	(53,348,111)	611.2%	----------NOT APPLICABLE----------			
2. ENDING TRUE-UP AMOUNT BEFORE INT. (LINES C7 + C9 + C10 + C11)	(72,166,098)	(323,970)	(71,842,128)	22175.5%	----------NOT APPLICABLE----------			
3. TOTAL BEG. & END. TRUE-UP AMOUNT	(134,242,694)	(9,052,455)	(125,190,239)	1382.9%	----------NOT APPLICABLE----------			
4. AVG. TRUE-UP AMOUNT - (50% OF LINE D3)	(67,121,347)	(4,526,228)	(62,595,119)	1382.9%	----------NOT APPLICABLE----------			
5. INT. RATE-FIRST DAY REP. BUS. MONTH	0.110	0.380	(0.270)	-71.1%	----------NOT APPLICABLE----------			
6. INT. RATE-FIRST DAY SUBSEQUENT MONTH	0.080	0.380	(0.300)	-78.9%	----------NOT APPLICABLE----------			
7. TOTAL (LINE D5 + LINE D6)	0.190	0.760	(0.570)	-75.0%	----------NOT APPLICABLE----------			
8. AVERAGE INT. RATE (50% OF LINE D7)	0.095	0.380	(0.285)	-75.0%	----------NOT APPLICABLE----------			
9. MONTHLY AVG. INT. RATE (LINE D8/12)	0.008	0.032	(0.024)	-75.0%	----------NOT APPLICABLE----------			
10. INT. PROVISION (LINE D4 x LINE D9)	(5,370)	(1,448)	(3,922)	270.9%	----------NOT APPLICABLE----------			

FUEL AND PURCHASED POWER COST RECOVERY

SCHEDULE A6

JANUARY 2021 - DECEMBER 2021

POWER SOLD
TAMPA ELECTRIC COMPANY
FOR THE PERIOD JANUARY 2021 THROUGH DECEMBER 2021

(1)	(2)		(3)	(4)	(5)	(6) CENTS/KWH		(7)	(8)	(9)
SOLD TO	TYPE & SCHEDULE		TOTAL MWH SOLD	MWH WHEELED OTHER SYSTEM	MWH FROM OWN GENERATION	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJUSTMENT (5)X(6A)	TOTAL $ FOR TOTAL COST (5)X(6B)	GAINS ON MARKET BASED SALES
ESTIMATED:										
SEMINOLE	JURISD.	SCH. - D	32,742.0	0.0	32,742.0	2.633	2.850	862,115.31	933,030.84	61,420.35
VARIOUS	JURISD.	MKT.BASE	11,968.0	0.0	11,968.0	2.571	3.622	307,668.16	433,436.37	102,541.94
TOTAL			**44,710.0**	**0.0**	**44,710.0**	**2.616**	**3.056**	**1,169,783.47**	**1,366,467.21**	**163,962.29**
ACTUAL:										
SEMINOLE ELEC. PRECO-1		SCH. - D	34,127.0	0.0	34,127.0	2.829	3.112	965,561.91	1,062,118.10	76,847.98
DUKE ENERGY FLORIDA		SCH. - MA	24,070.0	0.0	24,070.0	3.477	5.029	836,940.10	1,210,497.67	333,961.67
EDF TRADING		SCH. - MA	330.0	0.0	330.0	3.704	5.119	12,223.20	16,892.36	4,045.46
EXGEN		SCH. - MA	1,456.0	0.0	1,456.0	3.612	4.855	52,597.92	70,688.35	15,322.59
FLORIDA POWER & LIGHT		SCH. - MA	5,760.0	0.0	5,760.0	3.093	4.983	178,157.25	287,021.41	95,286.96
MACQUARIE ENERGY LLC		SCH. - MA	586.0	18.0	568.0	3.138	6.229	17,825.36	35,381.27	16,384.23
MORGAN STANLEY		SCH. - MA	125.0	0.0	125.0	3.016	3.879	3,770.50	4,848.46	827.71
ORLANDO UTILITIES		SCH. - MA	12,690.0	0.0	12,690.0	3.250	4.566	412,463.85	579,368.26	145,686.86
ORLANDO UTILITIES		SCH. - MB	22,374.0	0.0	22,374.0	5.127	6.291	1,147,113.39	1,407,583.73	260,470.34
RAINBOW ENERGY		SCH. - MA	308.0	0.0	308.0	3.677	5.559	11,325.16	17,122.51	5,215.23
SOUTHERN COMPANY		SCH. - MA	845.0	0.0	845.0	6.158	4.817	52,032.50	40,707.38	(14,973.67)
THE ENERGY AUTHORITY		SCH. - MA	9,037.0	0.0	9,037.0	3.845	5.160	347,461.18	466,350.03	104,977.93
THE ENERGY AUTHORITY		SCH. - MB	1,880.0	0.0	1,880.0	4.686	7.338	88,096.80	137,952.37	49,855.57
SUB-TOTAL			**113,588.0**	**18.0**	**113,570.0**	**3.633**	**4.699**	**4,125,569.12**	**5,336,531.90**	**1,093,908.86**
SUB-TOTAL SCHEDULE D POWER SALES-JURISD.			34,127.0	0.0	34,127.0	2.829	3.112	965,561.91	1,062,118.10	76,847.98
SUB-TOTAL SCHEDULE C POWER SALES			0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
SUB-TOTAL SCHEDULE CB POWER SALES			0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
SUB-TOTAL SCHEDULE MA/MB POWER SALES-JURISD.			79,461.0	18.0	79,443.0	3.978	5.380	3,160,007.21	4,274,413.80	1,017,060.88
TOTAL			**113,588.0**	**18.0**	**113,570.0**	**3.633**	**4.699**	**4,125,569.12**	**5,336,531.90**	**1,093,908.86**
DIFFERENCE			68,878.0	18.0	68,860.0	1.017	1.643	2,955,785.65	3,970,064.69	929,946.57
DIFFERENCE %			154.1%	0.0%	154.0%	38.9%	53.8%	252.7%	290.5%	567.2%

FUEL AND PURCHASED POWER COST RECOVERY

SCHEDULE A7

JANUARY 2021 - DECEMBER 2021

SCHEDULE A7

PURCHASED POWER
(EXCLUSIVE OF ECONOMY & COGENERATION)
TAMPA ELECTRIC COMPANY
FOR THE PERIOD JANUARY 2021 THROUGH DECEMBER 2021

(1)	(2)	(3)	(4)	(5)	(6)	(7) CENTS/KWH		(8)
PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FROM OTHER UTILITIES	MWH FOR INTER-RUPTIBLE	MWH FOR FIRM	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJUSTMENT (6)X(7A)
ESTIMATED:								
VARIOUS		223,336.0	0.0	0.0	223,336.0	4.301	4.301	9,605,450.80
TOTAL		**223,336.0**	**0.0**	**0.0**	**223,336.0**	**4.301**	**4.301**	**9,605,450.80**
ACTUAL:								
DUKE ENERGY FLORIDA	SCH. - J	388,589.0	0.0	0.0	388,589.0	4.582	4.582	17,804,951.02
EDF TRADING	SCH. - J	200.0	0.0	0.0	200.0	4.800	4.800	9,600.00
EXGEN	SCH. - J	16,243.0	0.0	0.0	16,243.0	6.615	6.615	1,074,474.00
FLA. POWER & LIGHT	SCH. - J	34,150.0	0.0	0.0	34,150.0	5.916	5.916	2,020,240.00
FMPA	SCH. - J	15,115.0	0.0	0.0	15,115.0	5.559	5.559	840,231.61
MACQUARIE ENERGY LLC	SCH. - J	100.0	0.0	0.0	100.0	9.500	9.500	9,500.00
MORGAN STANLEY	SCH. - J	3,200.0	0.0	0.0	3,200.0	6.000	6.000	192,000.00
ORLANDO UTIL. COMM.	SCH. - J	19,220.0	0.0	0.0	19,220.0	8.601	8.601	1,653,085.00
RAINBOW ENERGY	SCH. - J	18,025.0	0.0	0.0	18,025.0	7.967	7.967	1,436,141.00
REEDY CREEK	SCH. - J	240.0	0.0	0.0	240.0	5.000	5.000	12,000.00
SOUTHERN COMPANY	SCH. - J	6,682.0	0.0	0.0	6,682.0	6.531	6.531	436,390.00
THE ENERGY AUTHORITY	SCH. - J	4,191.0	0.0	0.0	4,191.0	8.149	8.149	341,540.00
DUKE ENERGY FLORIDA	OATT	10,370.0	0.0	0.0	10,370.0	3.994	3.994	414,156.32
SUB-TOTAL		**516,325.0**	**0.0**	**0.0**	**516,325.0**	**5.083**	**5.083**	**26,244,308.95**
SUB-TOTAL SCHEDULE D PURCHASED POWER		0.0	0.0	0.0	0.0	0.000	0.000	0.00
SUB-TOTAL SCHEDULE J PURCHASED POWER		505,955.0	0.0	0.0	505,955.0	5.105	5.105	25,830,152.63
SUB-TOTAL SCHEDULE OATT PURCHASED POWER		10,370.0	0.0	0.0	10,370.0	3.994	3.994	414,156.32
TOTAL		**516,325.0**	**0.0**	**0.0**	**516,325.0**	**5.083**	**5.083**	**26,244,308.95**
DIFFERENCE		292,989.0	0.0	0.0	292,989.0	0.782	0.782	16,638,858.15
DIFFERENCE %		131.2%	0.0%	0.0%	131.2%	18.2%	18.2%	173.2%

FUEL AND PURCHASED POWER COST RECOVERY

SCHEDULE A8

JANUARY 2021 - DECEMBER 2021

ENERGY PAYMENT TO QUALIFYING FACILITIES
TAMPA ELECTRIC COMPANY
FOR THE PERIOD JANUARY 2021 THROUGH DECEMBER 2021

(1)	(2)	(3)	(4)	(5)	(6)	(7) CENTS/KWH		(8)
PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FROM OTHER UTILITIES	MWH FOR INTER-RUPTIBLE	MWH FOR FIRM	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJUSTMENT (6)X(7A)
ESTIMATED:								
VARIOUS	**NET METERING**	2,624.7	0.0	0.0	2,624.7	1.813	1.813	47,589.11
	AS AVAIL.	75,968.0	0.0	0.0	75,968.0	2.649	2.649	2,012,278.79
TOTAL		**78,592.7**	**0.0**	**0.0**	**78,592.7**	**2.621**	**2.621**	**2,059,867.90**
ACTUAL:	**AS AVAILABLE**							
CARGILL MILLPOINT Total	COGEN.	10,321.0	0.0	0.0	10,321.0	2.547	2.547	262,908.51
CARGILL RIDGEWOOD Total	COGEN.	3,580.0	0.0	0.0	3,580.0	2.239	2.239	80,142.64
IMC-AGRICO-NEW WALES Total	COGEN.	74.0	0.0	0.0	74.0	2.622	2.622	1,940.37
IMC-AGRICO-S. PIERCE Total	COGEN.	47,228.0	0.0	0.0	47,228.0	2.473	2.473	1,168,117.11
LEE COUNTY Total	COGEN.	1,637.0	0.0	0.0	1,637.0	2.601	2.601	42,578.94
SUB-TOTAL COGEN		**62,840.0**	**0.0**	**0.0**	**62,840.0**	**2.476**	**2.476**	**1,555,687.57**
NET METERING		**2,776.3**	**0.0**	**0.0**	**2,776.3**	**1.813**	**1.813**	**50,340.45**
TOTAL INCL NET METERING		**65,616.3**	**0.0**	**0.0**	**65,616.3**	**2.448**	**2.448**	**1,606,028.02**
DIFFERENCE		(12,976.4)	0.0	0.0	(12,976.4)	(0.173)	(0.173)	(453,839.88)
DIFFERENCE %		-16.5%	0.0%	0.0%	-16.5%	-6.6%	-6.6%	-22.0%

FUEL AND PURCHASED POWER COST RECOVERY

SCHEDULE A9

JANUARY 2021 - DECEMBER 2021

ECONOMY ENERGY PURCHASES
TAMPA ELECTRIC COMPANY
FOR THE PERIOD JANUARY 2021 THROUGH DECEMBER 2021

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL MWH PURCHASED	(4) MWH FOR INTERRUP-TIBLE	(5) MWH FOR FIRM	(6) TRANSACTION COSTS CENTS/KWH	(7) TOTAL $ FOR FUEL ADJUSTMENT (5) X (6)	(8) COST IF GENERATED (A) CENTS PER KWH	(8) COST IF GENERATED (B) TOTAL COST	(9) FUEL SAVINGS (8B)-7
ESTIMATED:									
VARIOUS	Economy	1,944,549.0	0.0	1,944,549.0	3.892	75,672,756.51	4.747	92,316,671.92	16,643,915.41
TOTAL		**1,944,549.0**	**0.0**	**1,944,549.0**	**3.892**	**75,672,756.51**	**4.747**	**92,316,671.92**	**16,643,915.41**
ACTUAL:									
CITY OF TALLAHASSEE	SCH. - J	140.0	0.0	140.0	2.200	3,080.00	3.514	4,919.60	1,839.60
DUKE ENERGY FLORIDA	SCH. - J	776,663.0	0.0	776,663.0	4.037	31,356,943.74	4.475	34,756,966.64	3,400,022.90
EXGEN	SCH. - J	4,900.0	0.0	4,900.0	6.218	304,700.00	13.627	667,740.50	363,040.50
FLA. POWER & LIGHT	SCH. - J	1,041,718.0	0.0	1,041,718.0	3.435	35,777,897.49	3.802	39,602,962.69	3,825,065.20
FMPA	SCH. - J	7,835.0	0.0	7,835.0	5.561	435,678.80	5.633	441,333.84	5,655.04
MACQUARIE ENERGY LLC	SCH. - J	1,043.0	662.9	380.1	9.225	35,063.23	11.635	44,225.23	9,162.00
ORLANDO UTIL. COMM.	SCH. - J	10,600.0	0.0	10,600.0	5.194	550,564.00	5.695	603,625.88	53,061.88
SOUTHERN COMPANY	SCH. - J	800.0	0.0	800.0	7.575	60,600.00	9.430	75,442.00	14,842.00
THE ENERGY AUTHORITY	SCH. - J	2,700.0	0.0	2,700.0	5.969	161,175.00	16.011	432,300.75	271,125.75
SUB-TOTAL		**1,846,399.0**	**662.9**	**1,845,736.1**	**3.721**	**68,685,702.26**	**4.152**	**76,629,517.13**	**7,943,814.87**
SUB-TOTAL SCHEDULE J ECONOMY PURCHASES		1,846,399.0	662.9	1,845,736.1	3.721	68,685,702.26	4.152	76,629,517.13	7,943,814.87
TOTAL		**1,846,399.0**	**662.9**	**1,845,736.1**	**3.721**	**68,685,702.26**	**4.152**	**76,629,517.13**	**7,943,814.87**
DIFFERENCE		(98,150.0)	662.9	(98,812.9)	(0.170)	(6,987,054.25)	(0.596)	(15,687,154.79)	(8,700,100.54)
DIFFERENCE %		-5.0%	0.0%	-5.1%	-4.4%	-9.2%	-12.5%	-17.0%	-52.3%

FUEL AND PURCHASED POWER COST RECOVERY

SCHEDULE A12

JANUARY 2021 - DECEMBER 2021

REDACTED

REDACTED

CAPACITY COSTS
ACTUAL PURCHASES AND SALES
TAMPA ELECTRIC COMPANY
MONTH OF: December 2021

SCHEDULE A12
PAGE 1 OF 1

CONTRACT	TERM START	TERM END	CONTRACT TYPE
SEMINOLE ELECTRIC **	6/1/1992	----------	LT
FMPA	12/1/2020 - 2/28/2021		ST
POU	12/1/2020 - 2/28/2021		ST
FPL	12/1/2020 - 2/28/2021		ST
POU	01/1/2021-01/31/2021		ST
DEF	12/12/2021-10/31/2022		ST

QF = QUALIFYING FACILITY
LT = LONG TERM
ST = SHORT-TERM

** THREE YEAR NOTICE REQUIRED FOR TERMINATION.

CONTRACT	JANUARY MW	FEBRUARY MW	MARCH MW	APRIL MW	MAY MW	JUNE MW	JULY MW	AUGUST MW	SEPTEMBER MW	OCTOBER MW	NOVEMBER MW	DECEMBER MW
SEMINOLE ELECTRIC	1.9	7.0	10.5	9.1	5.9	6.6	10.8	5.3	9.5	8.6	11.2	3.9
FMPA	150.0	150.0	-	-	-	-	-	-	-	-	-	-
ORLANDO UTILITIES	100.0	100.0	-	-	-	-	-	-	-	-	-	-
FLORIDA POWER & LIGHT	160.0	160.0	-	-	-	-	-	-	-	-	-	-
ORLANDO UTILITIES	200.0	-	-	-	-	-	-	-	-	-	-	-

CAPACITY	JANUARY ($)	FEBRUARY ($)	MARCH ($)	APRIL ($)	MAY ($)	JUNE ($)	JULY ($)	AUGUST ($)	SEPTEMBER ($)	OCTOBER ($)	NOVEMBER ($)	DECEMBER ($)	TOTAL ($)
ORLANDO UTILITIES	[redacted]												
FLORIDA POWER & LIGHT													
DUKE ENERGY FLORIDA													
FMPA													
JACKSONVILLE ELECTRIC AUTHORITY													
SUBTOTAL CAPACITY PURCHASES													
SEMINOLE ELECTRIC - D													
ORLANDO UTILITIES - MB													
THE ENERGY AUTHORITY - MB													
DUKE ENERGY FLORIDA - MA													
FLORIDA POWER & LIGHT - MA													
ORLANDO UTILITIES - MA													
EXGEN - MA													
THE ENERGY AUTHORITY - MA													
MACQUARIE ENERGY LLC - MA													
MORGAN STANLEY - MA													
SOUTHERN CO - MA													
EDF TRADING - MA													
RAINBOW ENERGY - MA													
SUBTOTAL CAPACITY SALES													
TOTAL PURCHASES AND (SALES)	$ 2,053,281	$ 1,079,517	$ 305,365	$ 621,860	$ (220,509)	$ 1,121,932	$ 1,095,796	$ 1,143,218	$ 427,200	$ 685,491	$ 272,104	$ (22,168)	$ 8,563,087
TOTAL CAPACITY	$ 2,053,281	$ 1,079,517	$ 305,365	$ 621,860	$ (220,509)	$ 1,121,932	$ 1,095,796	$ 1,143,218	$ 427,200	$ 685,491	$ 272,104	$ (22,168)	$ 8,563,087

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 32
PARTY: MAS-2
DESCRIPTION: Actual/Estimated True-Up Fuel Cost Recovery January 2022- December 2022 Actual/Estimated True-Up Ca...

EXHIBIT TO THE TESTIMONY OF

M. ASHLEY SIZEMORE

DOCUMENT NO. 1

FUEL AND PURCHASED POWER COST RECOVERY

ACTUAL / ESTIMATED

JANUARY 2022 THROUGH DECEMBER 2022

TAMPA ELECTRIC COMPANY

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2	Schedule E1-A Calculation of Total True-Up	(JAN. 2022 - DEC. 2022)
3	Schedule E1-B Calculation of Estimated True-Up	(")
4	Schedule E2 Cost Recovery Clause Calculation	(")
5-6	Schedule E3 Generating System Comparative Data	(")
7-24	Schedule E4 System Net Generation and Fuel Cost	(")
25-26	Schedule E5 Inventory Analysis	(")
27-28	Schedule E6 Power Sold	(")
29	Schedule E7 Purchased Power	(")
30	Schedule E8 Energy Payment to Qualifying Facilities	(")
31	Schedule E9 Economy Energy Purchases	(")

TAMPA ELECTRIC COMPANY
CALCULATION OF PROJECTED PERIOD TOTAL TRUE-UP
FOR THE PERIOD: JANUARY 2022 THROUGH DECEMBER 2022

SCHEDULE E1-A

1.	ESTIMATED OVER/(UNDER) RECOVERY (SCH. E1-B) January 2022 - December 2022 (6 months actual, 6 months estimated)	($437,178,107)
2.	PROJECTED OVER/UNDER-RECOVERY TRUE-UP INCLUDED IN APRIL - DECEMBER 2022 RATES (Per Mid-Course correction Schedule E1-C, line 1B)	($97,303,593)
3.	DIFFERENCE IN 2021 ESTIMATED TRUE-UP AMOUNT PROJECTED IN MID-COURSE 2022 RATES AND AMOUNT COLLECTED IN 2022 ($72,171,466 under-recovery less ($81,354) collected January through March 2022)	($72,090,112)
4.	ACTUAL-ESTIMATED 2022 OVER/(UNDER) RECOVERY (Line 1 - Line 2 + Line 3)	($411,964,625)
5.	FINAL TRUE-UP (January 2021 - December 2021) (Per True-Up filed April 1, 2022)	0
6.	TOTAL OVER/(UNDER) RECOVERY TO BE COLLECTED IN 2023 (Line 4 + Line 5) To be included in the 12-month projected period January 2023 through December 2023 (2023 Schedule E1, line 29)	($411,964,625)
7.	JURISDICTIONAL MWH SALES (Projected January 2023 through December 2023)	19,935,826
8.	TRUE-UP FACTOR - cents/kWh (Using Effective MWh Sales of 19,906,140)	**2.0695**

TAMPA ELECTRIC COMPANY
CALCULATION OF ESTIMATED TRUE-UP
ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2022 THROUGH DECEMBER 2022

SCHEDULE E1-B

		ACTUAL						ESTIMATED						
		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	TOTAL
A. 1.	Fuel Cost of System Net Generation	61,302,501	67,794,684	63,632,248	70,587,628	103,252,157	120,479,428	103,369,504	105,310,732	93,748,774	95,040,042	79,242,785	79,230,308	1,042,990,791
2.	Fuel Cost of Power Sold [1]	2,395,041	759,598	785,979	1,327,781	6,114,348	6,984,080	157,633	168,621	214,452	177,553	218,731	169,260	19,473,076
3.	Fuel Cost of Purchased Power	1,001,822	256,338	1,772,599	276,294	1,220,512	1,733,737	15,872,010	15,900,560	14,188,480	3,544,040	0	0	55,766,392
3a.	Demand and Non-Fuel Cost of Purchased Pwr	0	0	0	0	0	0	0	0	0	0	0	0	0
3b.	Payments to Qualifying Facilities	105,041	297,253	139,327	101,496	523,622	134,969	206,010	224,490	219,050	204,220	171,070	159,280	2,485,828
4.	Energy Cost of Economy Purchases	0	0	1,406,650	508,120	12,584,572	14,745,106	2,720	119,640	59,240	884,660	251,470	105,650	30,667,827
5.	Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
5a.	Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
5b.	Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
6.	**TOTAL FUEL & NET POWER TRANS.**	**60,014,323**	**67,588,677**	**66,164,845**	**70,145,758**	**111,466,515**	**130,109,160**	**119,292,611**	**121,386,801**	**108,001,092**	**99,495,409**	**79,446,594**	**79,325,978**	**1,112,437,762**
[1]	Includes Gains													
B. 1.	Jurisdictional MWH Sales	1,510,613	1,431,190	1,445,867	1,500,226	1,697,540	1,919,170	1,942,965	1,947,617	1,996,854	1,836,913	1,545,183	1,443,554	20,217,692
2.	Non-Jurisdictional MWH Sales	0	0	0	0	0	0	0	0	0	0	0	0	0
3.	**TOTAL SALES (LINE B1+B2)**	**1,510,613**	**1,431,190**	**1,445,867**	**1,500,226**	**1,697,540**	**1,919,170**	**1,942,965**	**1,947,617**	**1,996,854**	**1,836,913**	**1,545,183**	**1,443,554**	**20,217,692**
4.	**Jurisdictional % of Total Sales**	**1.0000000**	**1.0000000**	**1.0000000**	**1.0000000**	**1.0000000**	**1.0000000**	**1.0000000**	**1.0000000**	**1.0000000**	**1.0000000**	**1.0000000**	**1.0000000**	**-**
C. 1.	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	45,528,778	42,834,324	43,384,693	60,788,763	69,421,049	79,243,515	80,561,509	80,679,094	82,945,176	75,641,832	62,845,490	58,400,110	782,274,333
1a.	Jurisdictional Fuel Recovery Revenue Credit	0	0	0	0	0	0	0	0	0	0	0	0	0
2.	True-up Provision	(27,118)	(27,118)	(27,118)	0	0	0	0	0	0	0	0	0	(81,354)
2a.	Mid-Course True Up				(10,811,510)	(10,811,510)	(10,811,510)	(10,811,510)	(10,811,510)	(10,811,510)	(10,811,510)	(10,811,510)	(10,811,513)	(97,303,593)
2b.	Incentive Provision	(306,144)	(306,144)	(306,144)	(306,144)	(306,144)	(306,144)	(306,144)	(306,144)	(306,144)	(306,144)	(306,144)	(306,142)	(3,673,726)
2c.	2020 Optimization Mechanism Gains	(107,102)	(107,102)	(107,102)	(107,102)	(107,102)	(107,102)	(107,102)	(107,102)	(107,102)	(107,102)	(107,102)	(107,106)	(1,285,228)
3.	**FUEL REVENUE APPLICABLE TO PERIOD**	**45,088,414**	**42,393,960**	**42,944,329**	**49,564,007**	**58,196,293**	**68,018,759**	**69,336,753**	**69,454,338**	**71,720,420**	**64,417,076**	**51,620,734**	**47,175,349**	**679,930,432**
4.	Total Fuel and Net Power Transactions (Line A6)	60,014,323	67,588,677	66,164,845	70,145,758	111,466,515	130,109,160	119,292,611	121,386,801	108,001,092	99,495,409	79,446,594	79,325,978	1,112,437,762
5.	Jurisd. Total Fuel and Net Power Transactions (Line A6*Line B4)	60,014,323	67,588,677	66,164,845	70,145,758	111,466,515	130,109,160	119,292,611	121,386,801	108,001,092	99,495,409	79,446,594	79,325,978	1,112,437,763
5a.	Jurisdictional Loss Multiplier	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	-
5b.	Jurisdictional Sales Adjusted for Line Losses	60,014,323	67,588,677	66,164,845	70,145,758	111,466,515	130,109,160	119,292,611	121,386,801	108,001,092	99,495,409	79,446,594	79,325,978	1,112,437,763
5c.	Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
6.	**JURISD. TOTAL FUEL AND NET POWER TRANSACTIONS**	**60,014,323**	**67,588,677**	**66,164,845**	**70,145,758**	**111,466,515**	**130,109,160**	**119,292,611**	**121,386,801**	**108,001,092**	**99,495,409**	**79,446,594**	**79,325,978**	**1,112,437,763**
7.	Over/(Under) Recovery	(14,925,909)	(25,194,717)	(23,220,516)	(20,581,751)	(53,270,222)	(62,090,401)	(49,955,858)	(51,932,463)	(36,280,672)	(35,078,333)	(27,825,860)	(32,150,629)	(432,507,331)
8.	Interest Provision	(7,166)	(15,946)	(37,157)	(72,996)	(129,920)	(256,275)	(427,401)	(548,251)	(610,184)	(746,538)	(886,098)	(932,844)	(4,670,776)
9.	**TOTAL ESTIMATED TRUE-UP FOR THE PERIOD**													**(437,178,107)**

TAMPA ELECTRIC COMPANY **SCHEDULE E2**
FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION
ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2022 THROUGH DECEMBER 2022

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	
		Actual						Estimated						TOTAL
		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	PERIOD
1.	Fuel Cost of System Net Generation	61,302,501	67,794,684	63,632,248	70,587,628	103,252,157	120,479,428	103,369,504	105,310,732	93,748,774	95,040,042	79,242,785	79,230,308	1,042,990,791
2.	Nuclear Fuel Disposal	0	0	0	0	0	0	0	0	0	0	0	0	0
3.	Fuel Cost of Power Sold [1]	2,395,041	759,598	785,979	1,327,781	6,114,348	6,984,080	157,633	168,621	214,452	177,553	218,731	169,260	19,473,076
4.	Fuel Cost of Purchased Power	1,001,822	256,338	1,772,599	276,294	1,220,512	1,733,737	15,872,010	15,900,560	14,188,480	3,544,040	0	0	55,766,392
5.	Demand and Non-Fuel Cost of Purchased Power	0	0	0	0	0	0	0	0	0	0	0	0	0
6.	Payments to Qualifying Facilities	105,041	297,253	139,327	101,496	523,622	134,969	206,010	224,490	219,050	204,220	171,070	159,280	2,485,828
7.	Energy Cost of Economy Purchases	0	0	1,406,650	508,120	12,584,572	14,745,106	2,720	119,640	59,240	884,660	251,470	105,650	30,667,827
8.	Adj.	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
11.	**TOTAL FUEL & NET POWER TRANSACTIONS**	**60,014,323**	**67,588,677**	**66,164,845**	**70,145,758**	**111,466,515**	**130,109,160**	**119,292,611**	**121,386,801**	**108,001,092**	**99,495,409**	**79,446,594**	**79,325,978**	**1,112,437,762**
12.	Jurisdictional MWH Sold	1,510,613	1,431,190	1,445,867	1,500,226	1,697,540	1,919,170	1,942,965	1,947,617	1,996,854	1,836,913	1,545,183	1,443,554	20,217,692
13.	Jurisdictional % of Total Sales	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	-
14.	Jurisdictional Total Fuel & Net Power Transactions (Line 11 * Line 13)	60,014,323	67,588,677	66,164,845	70,145,758	111,466,515	130,109,160	119,292,611	121,386,801	108,001,092	99,495,409	79,446,594	79,325,978	1,112,437,762
15.	Jurisdictional Loss Multiplier	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	-
16.	Jurisdictional Sales Adjusted for Line Losses (Line 14 * Line 15)	60,014,323	67,588,677	66,164,845	70,145,758	111,466,515	130,109,160	119,292,611	121,386,801	108,001,092	99,495,409	79,446,594	79,325,978	1,112,437,762
17.	Adjustments	0	0	0	0	0	0	0	0	0	0	0	0	0
18.	**JURISD. TOTAL FUEL & NET PWR. TRANS. (LINE 16+17)**	**60,014,323**	**67,588,677**	**66,164,845**	**70,145,758**	**111,466,515**	**130,109,160**	**119,292,611**	**121,386,801**	**108,001,092**	**99,495,409**	**79,446,594**	**79,325,978**	**1,112,437,762**
19.	Cost Per kWh Sold (Cents/kWh)	3.9729	4.7226	4.5761	4.6757	6.5664	6.7795	6.1397	6.2326	5.4086	5.4165	5.1416	5.4952	5.5023
20.	Optimization Mechanism (Cents/kWh)[2]	(0.0071)	(0.0071)	(0.0071)	(0.0071)	(0.0071)	(0.0071)	(0.0071)	(0.0071)	(0.0071)	(0.0071)	(0.0071)	(0.0071)	(0.0071)
21.	True-up (Cents/kWh) [2]	0.0018	0.0018	0.0018	0.7157	0.7157	0.7157	0.7157	0.7157	0.7157	0.7157	0.7157	0.7157	0.5372
22.	Total (Cents/kWh) (Line 19+20+21)	3.9676	4.7173	4.5708	5.3843	7.2750	7.4881	6.8483	6.9412	6.1172	6.1251	5.8502	6.2038	6.0324
23.	Revenue Tax Factor	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072
24.	Recovery Factor Adjusted for Taxes (Cents/kWh) (Excluding GPIF)	3.9704	4.7207	4.5741	5.3882	7.2802	7.4934	6.8533	6.9462	6.1216	6.1295	5.8544	6.2083	6.0368
25.	GPIF Adjusted for Taxes (Cents/kWh) [2]	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203
26.	**TOTAL RECOVERY FACTOR (LINE 24+25)**	**3.9907**	**4.7410**	**4.5944**	**5.4085**	**7.3005**	**7.5137**	**6.8736**	**6.9665**	**6.1419**	**6.1498**	**5.8747**	**6.2286**	**6.0571**
27.	**RECOVERY FACTOR ROUNDED TO NEAREST 0.001 CENTS/KWH**	**3.991**	**4.741**	**4.594**	**5.408**	**7.301**	**7.514**	**6.874**	**6.966**	**6.142**	**6.150**	**5.875**	**6.229**	**6.057**

[1] Includes Gains
[2] Based on Jurisdictional Sales Only

TAMPA ELECTRIC COMPANY **SCHEDULE E3**
GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
ACTUAL FOR THE PERIOD: JANUARY 2022 THROUGH JUNE 2022

	ACTUAL					
	Jan-22	**Feb-22**	**Mar-22**	**Apr-22**	**May-22**	**Jun-22**
FUEL COST OF SYSTEM NET GENERATION ($)						
1. HEAVY OIL	0	0	0	0	0	0
2. LIGHT OIL	73,162	776,958	1,112,837	242,938	21,473	41,168
3. COAL	2,681,858	4,530,876	6,634,174	2,063,664	4,542,253	4,335,404
4. NATURAL GAS	58,547,481	62,486,850	55,885,237	68,281,026	98,688,431	116,102,856
5. SOLAR	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0
7. TOTAL ($)	**61,302,501**	**67,794,684**	**63,632,248**	**70,587,628**	**103,252,157**	**120,479,428**
SYSTEM NET GENERATION (MWH)						
8. HEAVY OIL	0	0	0	0	0	0
9. LIGHT OIL	51	2,533	1,901	908	42	101
10. COAL	88,717	160,362	166,090	72,805	137,984	143,269
11. NATURAL GAS	1,423,950	1,154,399	1,249,301	1,447,515	1,497,065	1,592,463
12. SOLAR	79,857	96,198	135,072	149,573	179,936	159,926
13. OTHER	0	0	0	0	0	0
14. TOTAL (MWH)	**1,592,575**	**1,413,492**	**1,552,364**	**1,670,801**	**1,815,027**	**1,895,759**
UNITS OF FUEL BURNED						
15. HEAVY OIL (BBL)	0	0	0	0	0	0
16. LIGHT OIL (BBL)	554	5,774	8,162	1,778	129	297
17. COAL (TON)	42,037	72,372	80,814	31,741	69,693	73,764
18. NATURAL GAS (MCF)	10,665,999	8,635,987	9,316,347	10,617,408	10,974,677	11,115,452
19. SOLAR	0	0	0	0	0	0
20. OTHER	0	0	0	0	0	0
BTUS BURNED (MMBTU)						
21. HEAVY OIL	0	0	0	0	0	0
22. LIGHT OIL	3,228	33,658	47,581	10,363	754	1,731
23. COAL	970,046	1,630,743	1,844,278	697,739	1,551,141	1,657,113
24. NATURAL GAS	10,890,778	8,803,178	9,500,915	10,826,709	11,420,573	11,667,590
25. SOLAR	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0
27. TOTAL (MMBTU)	**11,864,052**	**10,467,579**	**11,392,774**	**11,534,811**	**12,972,468**	**13,326,434**
GENERATION MIX (% MWH)						
28. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00
29. LIGHT OIL	0.00	0.00	0.00	0.00	0.00	0.00
30. COAL	5.57	11.35	10.70	4.36	7.60	7.56
31. NATURAL GAS	89.41	81.67	80.48	86.64	82.48	84.00
32. SOLAR	5.01	6.81	8.70	8.95	9.91	8.44
33. OTHER	0.00	0.00	0.00	0.00	0.00	0.00
34. TOTAL (%)	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**
FUEL COST PER UNIT						
35. HEAVY OIL ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
36. LIGHT OIL ($/BBL)	132.06	134.56	136.34	136.64	166.46	138.61
37. COAL ($/TON)	63.80	62.61	82.09	65.02	65.18	58.77
38. NATURAL GAS ($/MCF)	5.49	7.24	6.00	6.43	8.99	10.45
39. SOLAR	0.00	0.00	0.00	0.00	0.00	0.00
40. OTHER	0.00	0.00	0.00	0.00	0.00	0.00
FUEL COST PER MMBTU ($/MMBTU)						
41. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00
42. LIGHT OIL	22.66	23.08	23.39	23.44	28.48	23.78
43. COAL	2.76	2.78	3.60	2.96	2.93	2.62
44. NATURAL GAS	5.38	7.10	5.88	6.31	8.64	9.95
45. SOLAR	0.00	0.00	0.00	0.00	0.00	0.00
46. OTHER	0.00	0.00	0.00	0.00	0.00	0.00
47. TOTAL ($/MMBTU)	**5.17**	**6.48**	**5.59**	**6.12**	**7.96**	**9.04**
BTU BURNED PER KWH (BTU/KWH)						
48. HEAVY OIL	0	0	0	0	0	0
49. LIGHT OIL	63,294	13,288	25,029	11,413	17,952	17,139
50. COAL	10,934	10,169	11,104	9,584	11,241	11,566
51. NATURAL GAS	7,648	7,626	7,605	7,480	7,629	7,327
52. SOLAR	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0
54. TOTAL (BTU/KWH)	**7,450**	**7,405**	**7,339**	**6,904**	**7,147**	**7,030**
GENERATED FUEL COST PER KWH (CENTS/KWH)						
55. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00
56. LIGHT OIL	143.45	30.67	58.54	26.76	51.13	40.76
57. COAL	3.02	2.83	3.99	2.83	3.29	3.03
58. NATURAL GAS	4.11	5.41	4.47	4.72	6.59	7.29
59. SOLAR	0.00	0.00	0.00	0.00	0.00	0.00
60. OTHER	0.00	0.00	0.00	0.00	0.00	0.00
61. TOTAL (CENTS/KWH)	**3.85**	**4.80**	**4.10**	**4.22**	**5.69**	**6.36**

TAMPA ELECTRIC COMPANY **SCHEDULE E3**
GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
ESTIMATED FOR THE PERIOD: JULY 2022 THROUGH DECEMBER 2022

	Estimated						
	Jul-22	**Aug-22**	**Sep-22**	**Oct-22**	**Nov-22**	**Dec-22**	**TOTAL**
FUEL COST OF SYSTEM NET GENERATION ($)							
1. HEAVY OIL	0	0	0	0	0	0	0
2. LIGHT OIL	92,746	93,151	93,514	93,837	94,122	94,369	2,830,275
3. COAL	3,020,445	3,685,075	3,256,074	3,403,776	1,350,093	1,599,289	41,102,981
4. NATURAL GAS	100,256,313	101,532,506	90,399,186	91,542,429	77,798,570	77,536,650	999,057,535
5. SOLAR	0	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0	0
7. TOTAL ($)	**103,369,504**	**105,310,732**	**93,748,774**	**95,040,042**	**79,242,785**	**79,230,308**	**1,042,990,791**
SYSTEM NET GENERATION (MWH)							
8. HEAVY OIL	0	0	0	0	0	0	0
9. LIGHT OIL	300	300	300	300	300	300	7,336
10. COAL	87,450	110,970	100,700	106,400	43,020	48,830	1,266,597
11. NATURAL GAS	1,534,710	1,560,240	1,432,620	1,509,220	1,286,410	1,359,590	17,047,483
12. SOLAR	192,700	186,290	160,840	160,100	124,880	126,020	1,751,392
13. OTHER	0	0	0	0	0	0	0
14. TOTAL (MWH)	**1,815,160**	**1,857,800**	**1,694,460**	**1,776,020**	**1,454,610**	**1,534,740**	**20,072,808**
UNITS OF FUEL BURNED							
15. HEAVY OIL (BBL)	0	0	0	0	0	0	0
16. LIGHT OIL (BBL)	665	665	665	665	665	665	20,684
17. COAL (TON)	42,120	52,940	48,800	51,520	21,350	24,410	611,561
18. NATURAL GAS (MCF)	11,392,065	11,579,965	10,910,775	11,693,765	9,774,415	9,465,265	126,142,120
19. SOLAR	0	0	0	0	0	0	0
20. OTHER	0	0	0	0	0	0	0
BTUS BURNED (MMBTU)							
21. HEAVY OIL	0	0	0	0	0	0	0
22. LIGHT OIL	3,900	3,900	3,900	3,900	3,900	3,900	120,715
23. COAL	947,800	1,191,200	1,097,990	1,159,130	480,390	549,200	13,776,770
24. NATURAL GAS	11,695,600	11,891,690	11,204,720	12,004,450	10,034,360	9,715,620	129,656,183
25. SOLAR	0	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0	0
27. TOTAL (MMBTU)	**12,647,300**	**13,086,790**	**12,306,610**	**13,167,480**	**10,518,650**	**10,268,720**	**143,553,668**
GENERATION MIX (% MWH)							
28. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29. LIGHT OIL	0.02	0.02	0.02	0.02	0.02	0.02	0.04
30. COAL	4.81	5.97	5.94	5.99	2.95	3.18	6.30
31. NATURAL GAS	84.55	83.98	84.55	84.98	88.44	88.59	84.93
32. SOLAR	10.62	10.03	9.49	9.01	8.59	8.21	8.73
33. OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34. TOTAL (%)	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**
FUEL COST PER UNIT							
35. HEAVY OIL ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36. LIGHT OIL ($/BBL)	139.47	140.08	140.62	141.11	141.54	141.91	136.83
37. COAL ($/TON)	71.71	69.61	66.72	66.07	63.24	65.52	67.21
38. NATURAL GAS ($/MCF)	8.80	8.77	8.29	7.83	7.96	8.19	7.92
39. SOLAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40. OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL COST PER MMBTU ($/MMBTU)							
41. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42. LIGHT OIL	23.78	23.88	23.98	24.06	24.13	24.20	23.45
43. COAL	3.19	3.09	2.97	2.94	2.81	2.91	2.98
44. NATURAL GAS	8.57	8.54	8.07	7.63	7.75	7.98	7.71
45. SOLAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46. OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47. TOTAL ($/MMBTU)	**8.17**	**8.05**	**7.62**	**7.22**	**7.53**	**7.72**	**7.27**
BTU BURNED PER KWH (BTU/KWH)							
48. HEAVY OIL	0	0	0	0	0	0	0
49. LIGHT OIL	13,000	13,000	13,000	13,000	13,000	13,000	16,455
50. COAL	10,838	10,734	10,904	10,894	11,167	11,247	10,877
51. NATURAL GAS	7,621	7,622	7,821	7,954	7,800	7,146	7,606
52. SOLAR	0	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0	0
54. TOTAL (BTU/KWH)	**6,968**	**7,044**	**7,263**	**7,414**	**7,231**	**6,691**	**7,152**
GENERATED FUEL COST PER KWH (CENTS/KWH)							
55. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
56. LIGHT OIL	30.92	31.05	31.17	31.28	31.37	31.46	38.58
57. COAL	3.45	3.32	3.23	3.20	3.14	3.28	3.25
58. NATURAL GAS	6.53	6.51	6.31	6.07	6.05	5.70	5.86
59. SOLAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60. OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61. TOTAL (CENTS/KWH)	**5.69**	**5.67**	**5.53**	**5.35**	**5.45**	**5.16**	**5.20**

SCHEDULE A4
PAGE 1 OF 2

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: January 2022

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT		NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
TIA SOLAR		1.6	207	17.4	-	51.5	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR		19.3	2,420	16.9	-	35.8	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR		1.5	157	14.1	-	34.9	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR		70.1	9,346	17.9	-	44.4	-	SOLAR	-	-	-	-	-	-
BALM SOLAR		74.2	9,608	17.4	-	43.5	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR		74.3	10,175	18.4	-	45.6	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR		60.8	7,649	16.9	-	42.6	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR		54.8	7,008	17.2	-	43.2	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR		37.4	4,341	15.6	-	37.6	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR		49.4	6,065	16.5	-	40.8	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR		74.4	3,489	6.3	-	15.5	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR		74.3	3,991	7.2	-	18.2	-	SOLAR	-	-	-	-	-	-
DURRANCE		59.8	6,340	14.3	-	34.0	-	SOLAR	-	-	-	-	-	-
ESA CANOPY SOLAR	(3)	0.0	68	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	(3)	0.0	5	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	(3)	74.3	5,718	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	(3)	74.3	564	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR	(3)	24.9	1,917	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	(3)	52.3	789	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL		**879.7**	**79,857**	**16.5**	-	**31.0**	-	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
BIG BEND #1 TOTAL		**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
BIG BEND 5 CT	(3)	**350**	**(344)**	**0.0**	**98.9**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
BIG BEND 6 CT	(3)	**350**	**7,521**	**2.9**	**100.0**	**56.2**	**10,538**	**GAS**	**77,554**	**77,554**	**79,260.0**	**425,705**	**5.66**	**5.49**
BIG BEND #1 CC TOTAL		**700**	**7,177**	**1.4**	**99.4**	**26.8**	**11,044**	**GAS**	**77,554**	**0**	**79,260.0**	**425,705**	**5.93**	**-**
BIG BEND #2 TOTAL		**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
B.B.#3 (COAL)		400	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#3 (GAS)		355	103,754	39.3	78.9	61.6	-	GAS	1,204,126	1,204,126	1,230,616.6	6,609,652	6.37	5.49
BIG BEND #3 TOTAL		**355**	**103,754**	**39.3**	**78.9**	**61.6**	**11,861**	**-**	**-**	**-**	**1,230,616.6**	**6,609,652**	**6.37**	**-**
B.B.#4 (COAL)	(4)	432	90,540	28.2	60.4	61.6	-	COAL	42,037	42,037	970,045.8	2,681,858	2.96	63.80
B.B.#4 (GAS)		420	29,687	9.5	60.4	42.8	-	GAS	316,472	316,472	323,434.4	1,737,169	5.85	5.49
BIG BEND #4 TOTAL		**432**	**120,227**	**37.4**	**60.4**	**56.9**	**10,759**	**-**	**-**	**-**	**1,293,480.2**	**4,419,027**	**3.68**	**-**
B.B. IGNITION		-	-	-	-	-	-	GAS	9,660	0	0.0	53,028	-	5.49
BIG BEND CT #4 TOTAL		**61**	**140**	**0.3**	**99.3**	**54.6**	**26,481**	**GAS**	**3,627**	**0**	**3,707.3**	**19,912**	**14.22**	**5.49**
BIG BEND STATION TOTAL		**1,548**	**231,298**	**0.0**	**0.0**	**30.6**	**11,271**		**-**	**-**	**2,607,064.1**	**11,527,324**	**4.98**	**-**
POLK #1 GASIFIER		220	(1,823)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)		180	(355)	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
POLK #1 ST		50	(646)	0.0	0.0	0.0	-	-	-	-	-	-	-	-
POLK #1 TOTAL		**230**	**(2,824)**	**0.0**	**0.0**	**0.0**	**0**	**-**	**-**	**-**	**0.0**	**0**	**0.00**	**-**
POLK #2 ST DUCT FIRING		480	17,926	5.0	-	20.9	8,400	GAS	147,339	147,339	150,580.7	808,770	4.51	5.49
POLK #2 ST W/O DUCT FIRING		341	231,131	91.1	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL		**480**	**249,057**	**69.7**	**99.9**	**20.9**	**-**	**GAS**	**-**	**-**	**150,580.7**	**808,770**	**0.32**	**-**
POLK #2 CT (GAS)		180	106,123	79.2	100.0	82.5	11,030	GAS	1,145,371	1,145,371	1,170,569.4	6,287,138	5.92	5.49
POLK #2 CT (OIL)		187	26	0.0	100.0	24.1	66,210	LGT.OIL	294	294	1,711.3	38,780	149.15	132.11
POLK #2 TOTAL		**180**	**106,149**	**79.3**	**100.0**	**82.5**	**11,044**	**-**	**-**	**-**	**1,172,280.7**	**6,325,918**	**5.96**	**-**
POLK #3 CT (GAS)		180	102,111	76.3	100.0	83.3	10,900	GAS	1,089,020	1,089,020	1,112,978.0	5,977,814	5.85	5.49
POLK #3 CT (OIL)		187	25	0.0	100.0	29.9	60,151	LGT.OIL	260	260	1,517.2	34,382	137.53	132.11
POLK #3 TOTAL		**180**	**102,136**	**76.3**	**100.0**	**83.3**	**10,912**	**-**	**-**	**-**	**1,114,495.2**	**6,012,196**	**5.89**	**-**
POLK #4 TOTAL		**180**	**100,794**	**75.3**	**99.2**	**83.5**	**10,762**	GAS	**1,061,427**	**1,061,427**	**1,084,778.7**	**5,826,356**	**5.78**	**5.49**
POLK #5 TOTAL		**180**	**102,696**	**76.7**	**99.9**	**83.5**	**10,514**	GAS	**1,056,458**	**1,056,458**	**1,079,700.2**	**5,799,078**	**5.65**	**5.49**
POLK #2 CC TOTAL		**1,200**	**660,832**	**0.0**	**0.0**	**0.0**	**6,964**	GAS	**-**	**-**	**4,601,835.5**	**24,772,318**	**3.75**	**-**
POLK STATION TOTAL		**1,430**	**658,008**	**61.9**	**83.8**	**61.9**	**6,994**	**-**	**-**	**-**	**4,601,835.5**	**24,772,318**	**3.76**	**-**

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SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: January 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
BAYSIDE ST 1	243	82,115	45.4	85.3	53.1	-		-	-	-	-	-	-
BAYSIDE CT1A	183	51,939	38.2	85.0	68.1	11,667	GAS	592,910	592,910	605,953.8	3,254,583	6.27	5.49
BAYSIDE CT1B	183	59,835	44.0	85.5	73.4	11,382	GAS	666,380	666,380	681,040.6	3,657,875	6.11	5.49
BAYSIDE CT1C	183	39,496	29.0	86.1	68.6	11,343	GAS	438,347	438,347	447,991.1	2,406,162	6.09	5.49
BAYSIDE UNIT 1 TOTAL	**792**	**233,385**	**39.6**	**85.5**	**46.3**	**7,434**	**GAS**	**1,697,637**	**1,697,637**	**1,734,985.4**	**9,318,620**	**3.99**	**5.49**
BAYSIDE ST 2	315	134,422	57.4	96.2	57.4	-		-	-	-	-	-	-
BAYSIDE CT2A	183	68,338	50.2	97.8	70.6	11,192	GAS	748,403	748,403	764,867.9	4,108,112	6.01	5.49
BAYSIDE CT2B	183	67,142	49.3	92.3	70.0	11,570	GAS	760,129	760,129	776,851.4	4,172,475	6.21	5.49
BAYSIDE CT2C	183	51,147	37.6	96.7	69.1	11,545	GAS	577,797	577,797	590,508.9	3,171,627	6.20	5.49
BAYSIDE CT2D	183	67,538	49.6	97.7	70.1	11,429	GAS	755,279	755,279	771,894.9	4,145,853	6.14	5.49
BAYSIDE UNIT 2 TOTAL	**1,047**	**388,587**	**49.9**	**96.2**	**49.9**	**7,474**	**GAS**	**2,841,608**	**2,841,608**	**2,904,123.1**	**15,598,067**	**4.01**	**5.49**
BAYSIDE UNIT 3 TOTAL	**61**	**314**	**0.7**	**100.0**	**85.6**	**11,019**	**GAS**	**3,388**	**3,388**	**3,462.6**	**18,597**	**5.92**	**5.49**
BAYSIDE UNIT 4 TOTAL	**61**	**351**	**0.8**	**100.0**	**83.3**	**11,104**	**GAS**	**3,814**	**3,814**	**3,898.1**	**20,937**	**5.96**	**5.49**
BAYSIDE UNIT 5 TOTAL	**61**	**292**	**0.6**	**100.0**	**83.0**	**11,171**	**GAS**	**3,187**	**3,187**	**3,257.2**	**17,495**	**5.99**	**5.49**
BAYSIDE UNIT 6 TOTAL	**61**	**483**	**1.1**	**92.2**	**76.2**	**11,231**	**GAS**	**5,309**	**5,309**	**5,426.0**	**29,143**	**6.03**	**5.49**
BAYSIDE STATION TOTAL	**2,083**	**623,412**	**40.2**	**92.3**	**40.2**	**7,467**	**GAS**	**4,554,944**	**4,554,944**	**4,655,152.4**	**25,002,859**	**4.01**	**5.49**
SYSTEM	**5,941**	**1,592,575**	**42.7**	**71.6**	**48.6**	**7,450**	**-**	**-**	**-**	**11,864,052.0**	**61,302,501**	**3.85**	**-**

LEGEND:
B.B. = BIG BEND
CT = COMBUSTION TURBINE
CC = COMBINED CYCLE
ST = STEAM TURBINE

Footnotes:
[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] Test Energy
[4] Consists of fixed costs

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SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: February 2022

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT		NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
TIA SOLAR		1.6	222	20.6	-	52.6	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR		19.3	2,582	20.1	-	41.5	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR		1.5	171	17.0	-	41.2	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR		70.1	10,312	22.1	-	51.1	-	SOLAR	-	-	-	-	-	-
BALM SOLAR		74.2	10,516	21.3	-	49.0	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR		74.3	11,195	22.6	-	51.6	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR		60.8	8,834	21.8	-	50.3	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR		54.8	7,699	21.1	-	48.6	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR		37.4	4,745	19.0	-	42.4	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR		49.4	6,579	20.1	-	45.9	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR		74.4	8,630	17.4	-	39.1	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR		74.3	5,105	10.4	-	23.9	-	SOLAR	-	-	-	-	-	-
DURRANCE		59.8	6,827	17.1	-	37.9	-	SOLAR	-	-	-	-	-	-
ESA CANOPY SOLAR	(3)	0.0	80	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	(3)	0.0	(4)	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	(3)	74.3	9,379	18.9	-	41.8	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	(3)	74.3	3	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR	(3)	24.9	2,505	15.1	-	33.4	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	(3)	52.3	688	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
FLOATING SOLAR	(3)	1.0	130	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
AGRI VOLTAICS SOLAR	(3)	1.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL		**879.7**	**96,198**	**22.0**	-	**21.8**	-	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
BIG BEND #1 TOTAL		**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
BIG BEND 5 CT	(3)	**350**	**1,878**	**0.8**	**97.5**	**50.1**	**12,853**	**GAS**	**23,665**	**23,665**	**24,137.8**	**171,228**	**9.12**	**7.24**
BIG BEND 6 CT	(3)	**350**	**6,575**	**2.8**	**100.0**	**60.7**	**9,959**	**GAS**	**64,194**	**64,194**	**65,477.7**	**464,482**	**7.06**	**7.24**
BIG BEND #1 CC TOTAL		**700**	**8,453**	**1.8**	**98.8**	**39.0**	**10,602**	**GAS**	**87,858**	**0**	**89,615.5**	**635,710**	**7.52**	**-**
BIG BEND #2 TOTAL		**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
B.B.#3 (COAL)		400	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#3 (GAS)		355	93,045	39.0	72.0	49.2	-	GAS	1,089,234	1,089,234	1,111,019.1	7,881,303	8.47	7.24
BIG BEND #3 TOTAL		**355**	**93,045**	**39.0**	**72.0**	**49.2**	**11,941**	**-**	**-**	**-**	**1,111,019.1**	**7,881,303**	**8.47**	**-**
B.B.#4 (COAL)	(4)	432	161,856	55.8	68.6	77.6	-	COAL	72,372	72,372	1,630,742.5	4,530,876	2.80	62.61
B.B.#4 (GAS)		420	1,128	0.4	68.6	9.6	-	GAS	11,287	11,287	11,513.1	81,671	7.24	7.24
BIG BEND #4 TOTAL		**432**	**162,984**	**56.1**	**68.6**	**75.2**	**10,076**	**-**	**-**	**-**	**1,642,255.6**	**4,612,547**	**2.83**	**-**
B.B. IGNITION		-	-	-	-	-	-	GAS	5,420	0	0.0	39,214	-	7.24
BIG BEND CT #4 TOTAL		**61**	**11**	**0.0**	**77.5**	**14.7**	**87,909**	**GAS**	**948**	**0**	**967.0**	**6,860**	**62.36**	**7.24**
BIG BEND STATION TOTAL		**1,548**	**264,493**	**0.0**	**0.0**	**32.1**	**10,752**		**-**	**-**	**2,843,857.2**	**13,175,634**	**4.98**	**-**
POLK #1 GASIFIER		220	(1,494)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)		180	(313)	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
POLK #1 ST		50	(545)	0.0	0.0	0.0	-	-	-	-	-	-	-	-
POLK #1 TOTAL		**230**	**(2,352)**	**0.0**	**0.0**	**0.0**	**0**	**-**	**-**	**-**	**0.0**	**0**	**0.00**	**-**
POLK #2 ST DUCT FIRING		480	12,551	3.9	-	17.4	8,400	GAS	103,359	103,359	105,426.0	747,866	5.96	7.24
POLK #2 ST W/O DUCT FIRING		341	186,330	81.3	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL		**480**	**198,881**	**61.7**	**99.9**	**17.4**	**-**	**GAS**	**-**	**-**	**105,426.0**	**747,866**	**0.38**	**-**
POLK #2 CT (GAS)		180	35,202	29.2	66.2	79.2	11,010	GAS	379,979	379,979	387,578.8	2,749,391	7.81	7.24
POLK #2 CT (OIL)		187	2,499	2.0	66.2	61.1	13,251	LGT.OIL	5,681	5,681	33,119.3	764,517	30.59	134.57
POLK #2 TOTAL		**180**	**37,701**	**31.2**	**66.2**	**79.2**	**11,159**	**-**	**-**	**-**	**420,698.1**	**3,513,908**	**9.32**	**-**
POLK #3 CT (GAS)		180	95,383	78.9	100.0	82.0	10,803	GAS	1,010,229	1,010,229	1,030,433.9	7,309,651	7.66	7.24
POLK #3 CT (OIL)		187	34	0.0	100.0	28.4	16,004	LGT.OIL	92	92	538.9	12,441	36.59	134.57
POLK #3 TOTAL		**180**	**95,417**	**78.9**	**100.0**	**82.0**	**10,805**	**-**	**-**	**-**	**1,030,972.9**	**7,322,092**	**7.67**	**-**
POLK #4 TOTAL		**180**	**97,296**	**80.4**	**100.0**	**82.5**	**10,631**	GAS	**1,014,115**	**1,014,115**	**1,034,397.0**	**7,337,765**	**7.54**	**7.24**
POLK #5 TOTAL		**180**	**98,846**	**81.7**	**100.0**	**82.8**	**10,699**	GAS	**1,036,846**	**1,036,846**	**1,057,583.4**	**7,502,243**	**7.59**	**7.24**
POLK #2 CC TOTAL		**1,200**	**528,141**	**65.5**	**94.9**	**65.5**	**6,909**	GAS	**-**	**-**	**3,649,077.2**	**26,423,874**	**5.00**	**-**
POLK STATION TOTAL		**1,430**	**525,789**	**54.7**	**79.6**	**54.7**	**6,940**	**-**	**-**	**-**	**3,649,077.2**	**26,423,874**	**5.03**	**-**

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SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: February 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
BAYSIDE ST 1	243	88,314	54.1	100.0	54.1	-		-	-	-	-	-	-
BAYSIDE CT1A	183	50,222	40.8	100.0	67.9	11,762	GAS	579,119	579,119	590,701.1	4,190,291	8.34	7.24
BAYSIDE CT1B	183	51,458	41.8	100.0	69.8	11,663	GAS	588,381	588,381	600,148.2	4,257,306	8.27	7.24
BAYSIDE CT1C	183	59,135	48.1	100.0	69.9	11,367	GAS	658,993	658,993	672,173.3	4,768,238	8.06	7.24
BAYSIDE UNIT 1 TOTAL	**792**	**249,129**	**46.8**	**100.0**	**46.8**	**7,478**	**GAS**	**1,826,493**	**1,826,493**	**1,863,022.5**	**13,215,835**	**5.30**	**7.24**
BAYSIDE ST 2	315	94,912	44.8	96.5	45.0	-		-	-	-	-	-	-
BAYSIDE CT2A	183	40,857	33.2	100.0	70.4	11,308	GAS	452,950	452,950	462,009.2	3,277,382	8.02	7.24
BAYSIDE CT2B	183	50,538	41.1	100.0	69.9	11,636	GAS	576,523	576,523	588,053.0	4,171,507	8.25	7.24
BAYSIDE CT2C	183	38,005	30.9	92.7	69.3	11,617	GAS	432,833	432,833	441,489.6	3,131,821	8.24	7.24
BAYSIDE CT2D	183	51,661	42.0	94.2	68.8	11,591	GAS	587,077	587,077	598,819.0	4,247,877	8.22	7.24
BAYSIDE UNIT 2 TOTAL	**1,047**	**275,973**	**39.2**	**96.7**	**39.4**	**7,575**	**GAS**	**2,049,383**	**2,049,383**	**2,090,370.8**	**14,828,587**	**5.37**	**7.24**
BAYSIDE UNIT 3 TOTAL	**61**	**134**	**0.3**	**100.0**	**82.2**	**11,081**	**GAS**	**1,460**	**1,460**	**1,489.0**	**10,563**	**7.88**	**7.24**
BAYSIDE UNIT 4 TOTAL	**61**	**675**	**1.7**	**100.0**	**83.8**	**11,024**	**GAS**	**7,293**	**7,293**	**7,439.1**	**52,771**	**7.82**	**7.24**
BAYSIDE UNIT 5 TOTAL	**61**	**500**	**1.2**	**100.0**	**82.7**	**11,133**	**GAS**	**5,458**	**5,458**	**5,567.6**	**39,495**	**7.90**	**7.24**
BAYSIDE UNIT 6 TOTAL	**61**	**604**	**1.5**	**87.1**	**77.8**	**11,190**	**GAS**	**6,623**	**6,623**	**6,755.9**	**47,924**	**7.93**	**7.24**
BAYSIDE STATION TOTAL	**2,083**	**527,015**	**37.7**	**97.9**	**37.7**	**7,542**	**GAS**	**3,896,711**	**3,896,711**	**3,974,644.9**	**28,195,175**	**5.35**	**7.24**
SYSTEM	**5,941**	**1,413,492**	**36.8**	**62.8**	**39.0**	**7,405**	**-**	**-**	**-**	**10,467,579.3**	**67,794,684**	**4.80**	**-**

LEGEND:
B.B. = BIG BEND
CT = COMBUSTION TURBINE
CC = COMBINED CYCLE
ST = STEAM TURBINE

Footnotes:
[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] Test Energy
[4] Consists of fixed costs and aerial survey adjustment

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SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: March 2022

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT		NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
TIA SOLAR		1.6	281	23.6	-	57.0	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR		19.3	3,576	24.9	-	51.6	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR		1.5	234	21.0	-	44.4	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR		70.1	14,204	27.3	-	57.7	-	SOLAR	-	-	-	-	-	-
BALM SOLAR		74.2	14,003	25.4	-	54.1	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR		74.3	14,529	26.3	-	56.2	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR		60.8	11,727	26.0	-	55.7	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR		54.8	10,632	26.1	-	55.8	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR		37.4	6,520	23.5	-	47.5	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR		49.4	9,173	25.0	-	53.5	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR		74.4	11,735	21.2	-	46.7	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR		74.3	7,425	13.4	-	29.1	-	SOLAR	-	-	-	-	-	-
DURRANCE		59.8	8,500	19.1	-	38.9	-	SOLAR	-	-	-	-	-	-
ESA CANOPY SOLAR	(3)	0.0	104	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	(3)	0.0	(7)	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	(3)	74.3	15,145	27.4	-	56.5	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	(3)	0.0	532	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR	(3)	24.9	4,508	24.4	-	50.6	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	(3)	0.0	2,158	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
FLOATING SOLAR	(3)	0.0	93	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
AGRI VOLTAICS SOLAR	(3)	0.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL		**751.1**	**135,072**	**24.2**	-	**48.0**	-	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
BIG BEND #1 TOTAL		**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
BIG BEND 5 CT	(3)	**350**	**75,022**	**28.9**	**100.0**	**76.4**	**8,786**	**GAS**	**646,226**	**646,226**	**659,150.0**	**3,876,462**	**5.17**	**6.00**
BIG BEND 6 CT	(3)	**350**	**63,774**	**24.5**	**100.0**	**73.7**	**8,952**	**GAS**	**559,699**	**559,699**	**570,892.6**	**3,357,420**	**5.26**	**6.00**
BIG BEND #1 CC TOTAL		**700**	**138,796**	**26.7**	**100.0**	**70.7**	**8,862**	**GAS**	**1,205,924**	**0**	**1,230,042.6**	**7,233,882**	**5.21**	**-**
BIG BEND #2 TOTAL		**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
B.B.#3 (COAL)		400	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#3 (GAS)		355	0	0.0	78.9	0.0	-	GAS	0	0	0.0	0	0.00	0.00
BIG BEND #3 TOTAL		**355**	**0**	**0.0**	**78.9**	**0.0**	**0**	**-**	**-**	**-**	**0.0**	**0**	**0.00**	**-**
B.B.#4 (COAL)	(4)	432	167,861	52.3	84.4	58.4	-	COAL	80,814	80,814	1,844,277.5	6,634,174	3.95	82.09
B.B.#4 (GAS)		420	4,613	1.5	84.4	15.3	-	GAS	50,337	50,337	51,344.0	301,954	6.55	6.00
BIG BEND #4 TOTAL		**432**	**172,474**	**53.7**	**84.4**	**58.3**	**10,991**	**-**	**-**	**-**	**1,895,621.5**	**6,936,128**	**4.02**	**-**
B.B. IGNITION		-	-	-	-	-	-	GAS	1,725	0	0.0	10,346	-	6.00
BIG BEND CT #4 TOTAL		**61**	**313**	**0.7**	**90.0**	**49.1**	**18,988**	**GAS**	**5,827**	**0**	**5,943.4**	**34,953**	**11.17**	**6.00**
BIG BEND STATION TOTAL		**1,548**	**311,583**	**0.0**	**0.0**	**29.4**	**10,051**		**-**	**-**	**3,131,607.5**	**14,215,309**	**4.56**	**-**
POLK #1 GASIFIER		220	(1,771)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)		180	17,918	13.4	77.9	58.5	11,909	GAS	209,194	209,194	213,377.9	1,254,876	5.28	6.00
POLK #1 ST		50	5,857	15.8	72.6	79.1	-	-	-	-	-	-	-	-
POLK #1 TOTAL		**230**	**22,004**	**12.9**	**76.8**	**60.7**	**9,697**	**-**	**-**	**-**	**213,377.9**	**1,254,876**	**5.70**	**-**
POLK #2 ST DUCT FIRING		480	7,432	2.1	-	21.5	8,400	GAS	61,208	61,208	62,431.9	367,162	4.94	6.00
POLK #2 ST W/O DUCT FIRING		341	98,241	38.8	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL		**480**	**105,673**	**29.6**	**49.7**	**21.5**	**-**	**GAS**	**-**	**-**	**62,431.9**	**367,162**	**0.35**	**-**
POLK #2 CT (GAS)		180	57,631	43.1	100.0	76.5	11,224	GAS	634,181	634,181	646,864.5	3,804,211	6.60	6.00
POLK #2 CT (OIL)		187	40	0.0	100.0	20.8	36,747	LGT.OIL	251	251	1,461.9	34,192	85.48	136.34
POLK #2 TOTAL		**180**	**57,671**	**43.1**	**100.0**	**76.5**	**11,242**	**-**	**-**	**-**	**648,326.5**	**3,838,403**	**6.66**	**-**
POLK #3 CT (GAS)		180	46,154	35.9	98.5	75.9	11,186	GAS	506,131	506,131	516,253.8	3,036,089	6.58	6.00
POLK #3 CT (OIL)		187	1,861	1.3	98.5	48.5	24,776	LGT.OIL	7,911	7,911	46,119.4	1,078,645	57.96	136.34
POLK #3 TOTAL		**180**	**48,015**	**35.9**	**98.5**	**75.9**	**11,712**	**-**	**-**	**-**	**562,373.2**	**4,114,734**	**8.57**	**-**
POLK #4 TOTAL		**180**	**44,797**	**33.5**	**74.3**	**78.2**	**10,938**	GAS	**480,389**	**480,389**	**489,996.5**	**2,881,670**	**6.43**	**6.00**
POLK #5 TOTAL		**180**	**46,460**	**34.7**	**90.3**	**78.5**	**11,033**	GAS	**502,528**	**502,528**	**512,578.3**	**3,014,474**	**6.49**	**6.00**
POLK #2 CC TOTAL		**1,200**	**302,616**	**33.9**	**74.4**	**60.2**	**7,520**	GAS	**-**	**-**	**2,275,706.5**	**14,216,443**	**4.70**	**-**
POLK STATION TOTAL		**1,430**	**324,620**	**30.5**	**74.8**	**54.2**	**7,668**	**-**	**-**	**-**	**2,489,084.4**	**15,471,319**	**4.77**	**-**

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SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: March 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
BAYSIDE ST 1	243	102,041	56.5	73.7	57.4	-		-	-	-	-	-	-
BAYSIDE CT1A	183	60,602	44.6	75.6	71.0	11,488	GAS	682,531	682,531	696,181.7	4,094,244	6.76	6.00
BAYSIDE CT1B	183	70,440	51.8	87.1	72.0	11,446	GAS	790,453	790,453	806,262.3	4,741,629	6.73	6.00
BAYSIDE CT1C	183	56,655	41.7	67.0	68.4	11,330	GAS	629,299	629,299	641,885.4	3,774,930	6.66	6.00
BAYSIDE UNIT 1 TOTAL	**792**	**289,738**	**49.2**	**75.7**	**50.0**	**7,401**	**GAS**	**2,102,284**	**2,102,284**	**2,144,329.4**	**12,610,803**	**4.35**	**6.00**
BAYSIDE ST 2	315	169,109	72.3	96.0	72.3	-		-	-	-	-	-	-
BAYSIDE CT2A	183	81,966	60.3	100.0	72.5	11,073	GAS	889,813	889,813	907,609.6	5,337,652	6.51	6.00
BAYSIDE CT2B	183	83,136	61.1	100.0	72.4	11,354	GAS	925,386	925,386	943,893.8	5,551,040	6.68	6.00
BAYSIDE CT2C	183	71,615	52.7	83.8	72.2	11,340	GAS	796,211	796,211	812,135.0	4,776,167	6.67	6.00
BAYSIDE CT2D	183	83,201	61.2	100.0	72.6	11,280	GAS	920,106	920,106	938,507.7	5,519,365	6.63	6.00
BAYSIDE UNIT 2 TOTAL	**1,047**	**489,027**	**62.8**	**96.0**	**62.9**	**7,366**	**GAS**	**3,531,516**	**3,531,516**	**3,602,146.2**	**21,184,224**	**4.33**	**6.00**
BAYSIDE UNIT 3 TOTAL	**61**	**140**	**0.3**	**80.6**	**81.8**	**11,128**	**GAS**	**1,524**	**1,524**	**1,554.8**	**9,144**	**6.53**	**6.00**
BAYSIDE UNIT 4 TOTAL	**61**	**508**	**1.1**	**99.6**	**85.5**	**10,934**	**GAS**	**5,443**	**5,443**	**5,552.3**	**32,653**	**6.43**	**6.00**
BAYSIDE UNIT 5 TOTAL	**61**	**873**	**1.9**	**99.8**	**86.4**	**10,997**	**GAS**	**9,412**	**9,412**	**9,599.8**	**56,456**	**6.47**	**6.00**
BAYSIDE UNIT 6 TOTAL	**61**	**805**	**1.8**	**99.7**	**84.4**	**11,062**	**GAS**	**8,725**	**8,725**	**8,899.6**	**52,338**	**6.50**	**6.00**
BAYSIDE STATION TOTAL	**2,083**	**781,091**	**50.4**	**88.2**	**50.5**	**7,390**	**GAS**	**5,658,904**	**5,658,904**	**5,772,082.1**	**33,945,618**	**4.35**	**6.00**
SYSTEM	**5,812**	**1,552,364**	**35.9**	**57.4**	**44.5**	**7,339**	**-**	**-**	**-**	**11,392,774.0**	**63,632,248**	**4.10**	**-**

LEGEND:
B.B. = BIG BEND
CT = COMBUSTION TURBINE
CC = COMBINED CYCLE
ST = STEAM TURBINE

Footnotes:
[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] Test Energy
[4] Consists of fixed costs and aerial survey adjustment

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SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: April 2022

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT		NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
TIA SOLAR		1.6	285	24.7	-	54.3	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR		19.3	3,513	25.3	-	51.0	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR		1.5	252	23.3	-	47.7	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR		70.1	14,565	28.9	-	59.4	-	SOLAR	-	-	-	-	-	-
BALM SOLAR		74.2	14,095	26.4	-	54.7	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR		74.3	15,208	28.4	-	59.2	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR		60.8	12,310	28.1	-	57.8	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR		54.8	11,213	28.4	-	58.6	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR		37.4	6,617	24.6	-	49.6	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR		49.4	10,032	28.2	-	58.0	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR		74.4	13,563	25.3	-	51.5	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR		74.3	7,888	14.7	-	30.2	-	SOLAR	-	-	-	-	-	-
DURRANCE		59.8	8,613	20.0	-	40.1	-	SOLAR	-	-	-	-	-	-
ESA CANOPY SOLAR	(3)	0.0	98	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	(3)	0.0	(5)	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	(3)	74.3	15,288	28.6	-	58.5	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	(3)	0.0	3,338	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR	(3)	24.9	5,508	30.7	-	59.1	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	(3)	0.0	7,192	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
FLOATING SOLAR	(3)	0.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
AGRI VOLTAICS SOLAR	(3)	0.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL		**751.1**	**149,573**	**27.7**	-	**49.5**	-	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
BIG BEND #1 TOTAL		**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
BIG BEND 5 CT	(3)	**330**	**45,894**	**19.3**	**100.0**	**74.1**	**9,407**	**GAS**	**423,265**	**423,265**	**431,730.4**	**2,722,037**	**5.93**	**6.43**
BIG BEND 6 CT	(3)	**330**	**39,573**	**16.7**	**100.0**	**71.2**	**9,604**	**GAS**	**372,609**	**372,609**	**380,060.9**	**2,396,263**	**6.06**	**6.43**
BIG BEND #1 CC TOTAL		**660**	**85,467**	**18.0**	**100.0**	**69.0**	**9,498**	**GAS**	**795,874**	**0**	**811,791.3**	**5,118,300**	**5.99**	**-**
BIG BEND #2 TOTAL		**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
B.B.#3 (COAL)		395	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#3 (GAS)		345	0	0.0	63.0	0.0	-	GAS	0	0	0.0	0	0.00	0.00
BIG BEND #3 TOTAL		**345**	**0**	**0.0**	**63.0**	**0.0**	**0**	**-**	**-**	**-**	**0.0**	**0**	**0.00**	**-**
B.B.#4 (COAL)	(4)	422	74,026	24.4	37.9	65.0	-	COAL	31,741	34,809	697,739.2	2,063,664	2.79	65.02
B.B.#4 (GAS)		410	2,799	0.9	37.9	10.8	-	GAS	28,738	28,738	29,312.9	184,816	6.60	6.43
BIG BEND #4 TOTAL		**422**	**76,825**	**25.3**	**37.9**	**62.7**	**10,342**	**-**	**-**	**-**	**727,052.1**	**2,248,480**	**2.93**	**-**
B.B. IGNITION		-	-	-	-	-	-	GAS	2,988	0	0.0	19,214	-	6.43
BIG BEND CT #4 TOTAL		**56**	**253**	**0.6**	**98.7**	**28.5**	**27,154**	**GAS**	**6,735**	**0**	**6,870.0**	**43,315**	**17.12**	**6.43**
BIG BEND STATION TOTAL		**1,483**	**162,545**	**15.2**	**73.7**	**37.8**	**9,924**		**-**	**-**	**1,545,713.4**	**7,429,309**	**4.57**	**-**
POLK #1 GASIFIER		220	(1,221)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)		152	68,401	62.5	92.8	67.6	12,155	GAS	815,085	815,085	831,386.6	5,241,847	5.54	6.43
POLK #1 ST		50	26,161	72.7	91.6	79.8	-	-	-	-	-	-	-	-
POLK #1 TOTAL		**202**	**93,341**	**64.2**	**92.5**	**70.3**	**8,907**	**-**	**-**	**-**	**831,386.6**	**5,241,847**	**5.62**	**-**
POLK #2 ST DUCT FIRING		461	21,310	6.4	-	22.4	8,400	GAS	175,496	175,496	179,005.5	1,128,620	5.30	6.43
POLK #2 ST W/O DUCT FIRING		341	217,761	88.7	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL		**461**	**239,071**	**72.0**	**100.0**	**22.4**	**-**	**GAS**	**-**	**-**	**179,005.5**	**1,128,620**	**0.47**	**-**
POLK #2 CT (GAS)		150	99,415	92.1	100.0	95.7	11,035	GAS	1,075,582	1,075,582	1,097,094.1	6,917,119	6.96	6.43
POLK #2 CT (OIL)		159	22	0.0	100.0	29.2	18,630	LGT.OIL	72	72	418.7	9,816	44.62	136.66
POLK #2 TOTAL		**150**	**99,437**	**92.1**	**100.0**	**95.7**	**11,037**	**-**	**-**	**-**	**1,097,512.8**	**6,926,935**	**6.97**	**-**
POLK #3 CT (GAS)		150	98,312	91.9	97.4	96.3	11,083	GAS	1,068,246	1,068,246	1,089,611.3	6,869,940	6.99	6.43
POLK #3 CT (OIL)		159	886	0.8	97.4	95.8	11,223	LGT.OIL	1,706	1,706	9,944.7	233,122	26.31	136.66
POLK #3 TOTAL		**150**	**99,198**	**91.9**	**97.4**	**96.3**	**11,084**	**-**	**-**	**-**	**1,099,555.9**	**7,103,062**	**7.16**	**-**
POLK #4 TOTAL		**150**	**93,199**	**86.3**	**90.8**	**97.6**	**10,907**	GAS	**996,572**	**996,572**	**1,016,503.0**	**6,408,996**	**6.88**	**6.43**
POLK #5 TOTAL		**150**	**80,892**	**74.9**	**84.2**	**97.9**	**10,881**	GAS	**862,894**	**862,894**	**880,151.6**	**5,549,308**	**6.86**	**6.43**
POLK #2 CC TOTAL		**1,061**	**611,797**	**80.1**	**96.1**	**80.1**	**6,984**	GAS	**-**	**-**	**4,272,728.8**	**27,116,921**	**4.43**	**-**
POLK STATION TOTAL		**1,263**	**705,138**	**77.5**	**95.5**	**77.5**	**7,238**	**-**	**-**	**-**	**5,104,115.4**	**32,358,768**	**4.59**	**-**

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SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: April 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
BAYSIDE ST 1	233	116,813	69.6	95.9	69.6	-		-	-	-	-	-	-
BAYSIDE CT1A	156	69,825	62.2	100.0	80.8	11,595	GAS	793,747	793,747	809,622.3	5,104,625	7.31	6.43
BAYSIDE CT1B	156	68,087	60.6	87.1	79.8	11,643	GAS	777,206	777,206	792,750.0	4,998,246	7.34	6.43
BAYSIDE CT1C	156	75,956	67.6	100.0	80.9	11,292	GAS	840,861	840,861	857,678.1	5,407,613	7.12	6.43
BAYSIDE UNIT 1 TOTAL	**701**	**330,681**	**65.5**	**95.8**	**65.5**	**7,439**	**GAS**	**2,411,814**	**2,411,814**	**2,460,050.4**	**15,510,484**	**4.69**	**6.43**
BAYSIDE ST 2	305	112,821	51.4	79.9	51.4	-		-	-	-	-	-	-
BAYSIDE CT2A	156	50,723	45.2	79.0	80.0	11,348	GAS	564,308	564,308	575,594.6	3,629,092	7.15	6.43
BAYSIDE CT2B	156	54,020	48.1	80.8	79.2	11,600	GAS	614,351	614,351	626,637.6	3,950,916	7.31	6.43
BAYSIDE CT2C	156	50,775	45.2	80.9	79.5	11,653	GAS	580,089	580,089	591,690.9	3,730,579	7.35	6.43
BAYSIDE CT2D	156	53,147	47.3	80.0	80.6	11,575	GAS	603,112	603,112	615,174.1	3,878,640	7.30	6.43
BAYSIDE UNIT 2 TOTAL	**929**	**321,486**	**48.1**	**80.1**	**48.1**	**7,494**	**GAS**	**2,361,860**	**2,361,860**	**2,409,097.2**	**15,189,227**	**4.72**	**6.43**
BAYSIDE UNIT 3 TOTAL	**56**	**0**	**0.0**	**100.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
BAYSIDE UNIT 4 TOTAL	**56**	**311**	**0.8**	**78.2**	**88.5**	**11,392**	**GAS**	**3,472**	**3,472**	**3,541.0**	**22,326**	**7.18**	**6.43**
BAYSIDE UNIT 5 TOTAL	**56**	**531**	**1.3**	**81.6**	**90.4**	**11,460**	**GAS**	**5,969**	**5,969**	**6,088.0**	**38,384**	**7.23**	**6.43**
BAYSIDE UNIT 6 TOTAL	**56**	**537**	**1.3**	**82.3**	**88.3**	**11,559**	**GAS**	**6,084**	**6,084**	**6,206.0**	**39,128**	**7.29**	**6.43**
BAYSIDE STATION TOTAL	**1,854**	**653,546**	**49.0**	**86.7**	**49.0**	**7,475**	**GAS**	**4,789,199**	**4,789,199**	**4,884,982.5**	**30,799,549**	**4.71**	**6.43**
SYSTEM	**5,351**	**1,670,801**	**43.4**	**84.9**	**56.2**	**6,944**	**-**	**-**	**-**	**11,534,811.3**	**70,587,628**	**4.22**	**-**

LEGEND:
B.B. = BIG BEND
CT = COMBUSTION TURBINE
CC = COMBINED CYCLE
ST = STEAM TURBINE

Footnotes:
[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] Test Energy
[4] Consists of fixed costs and aerial survey adjustment

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SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: May 2022

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT		NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
TIA SOLAR		1.6	323	27.1	-	55.6	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR		19.3	4,167	29.0	-	51.9	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR		1.5	277	24.8	-	48.0	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR		70.1	15,355	29.4	-	57.3	-	SOLAR	-	-	-	-	-	-
BALM SOLAR		74.2	15,742	28.5	-	54.8	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR		74.3	17,641	31.9	-	60.9	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR		60.8	13,939	30.8	-	59.9	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR		54.8	12,340	30.3	-	58.6	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR		37.4	7,188	25.8	-	47.5	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR		49.4	11,215	30.5	-	58.8	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR		74.4	14,858	26.8	-	50.2	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR		74.3	11,096	20.1	-	39.2	-	SOLAR	-	-	-	-	-	-
DURRANCE		59.8	10,432	23.4	-	43.5	-	SOLAR	-	-	-	-	-	-
ESA CANOPY SOLAR	(3)	0.0	125	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	(3)	0.0	(8)	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR		74.3	14,711	26.6	-	47.7	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	(3)	0.0	11,382	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR		24.9	7,620	41.1	-	73.6	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	(3)	0.0	11,481	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
FLOATING SOLAR	(3)	0.0	52	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
AGRI VOLTAICS SOLAR	(3)	0.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL		**751.1**	**179,936**	**32.2**	-	**50.2**	-	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
BIG BEND #1 TOTAL		**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
BIG BEND 5 CT	(3)	**330**	**26,471**	**10.8**	**54.9**	**66.5**	**9,508**	**GAS**	**241,553**	**241,553**	**251,697.9**	**2,172,133**	**8.21**	**8.99**
BIG BEND 6 CT	(3)	**330**	**33,422**	**13.6**	**63.7**	**67.2**	**9,538**	**GAS**	**305,930**	**305,930**	**318,779.3**	**2,751,040**	**8.23**	**8.99**
BIG BEND #1 CC TOTAL		**660**	**59,893**	**12.2**	**59.3**	**60.3**	**9,525**	**GAS**	**547,483**	**0**	**570,477.3**	**4,923,173**	**8.22**	**-**
BIG BEND #2 TOTAL		**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
B.B.#3 (COAL)		395	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#3 (GAS)		345	36,091	14.1	80.8	35.6	-	GAS	429,816	429,816	447,868.5	3,865,070	10.71	8.99
BIG BEND #3 TOTAL		**345**	**36,091**	**14.1**	**80.8**	**35.6**	**12,409**	**-**	**-**	**-**	**447,868.5**	**3,865,070**	**10.71**	**-**
B.B.#4 (COAL)	(4)	422	139,156	44.3	91.1	46.8	-	COAL	69,693	66,625	1,551,140.9	4,542,253	3.26	65.18
B.B.#4 (GAS)		410	21,961	7.2	91.1	15.0	-	GAS	228,008	228,008	237,584.5	2,050,335	9.34	8.99
BIG BEND #4 TOTAL		**422**	**161,117**	**51.3**	**91.1**	**52.0**	**10,683**	**-**	**-**	**-**	**1,788,725.4**	**6,592,588**	**4.09**	**-**
B.B. IGNITION		-	-	-	-	-	-	GAS	14,434	0	0.0	129,800	-	8.99
BIG BEND CT #4 TOTAL		**56**	**(9)**	**0.0**	**98.9**	**0.0**	**0**	**GAS**	**982**	**0**	**1,023.2**	**8,830**	**(98.11)**	**8.99**
BIG BEND STATION TOTAL		**1,483**	**257,092**	**23.3**	**74.8**	**23.6**	**10,660**		**-**	**-**	**2,808,094.4**	**15,519,461**	**6.04**	**-**
POLK #1 GASIFIER		220	(1,172)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)		152	73,201	64.7	96.6	66.2	12,119	GAS	851,364	851,364	887,121.0	7,655,783	7.50	8.99
POLK #1 ST		50	28,868	77.6	96.5	79.5	-	-	-	-	-	-	-	-
POLK #1 TOTAL		**202**	**100,897**	**67.1**	**96.6**	**69.5**	**8,792**	**-**	**-**	**-**	**887,121.0**	**7,655,783**	**7.59**	**-**
POLK #2 ST DUCT FIRING		461	12,712	3.7	-	21.1	8,400	GAS	102,473	102,473	106,777.0	921,477	7.25	8.99
POLK #2 ST W/O DUCT FIRING		341	171,436	67.6	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL		**461**	**184,148**	**53.7**	**78.6**	**21.1**	**-**	**GAS**	**-**	**-**	**106,777.0**	**921,477**	**0.50**	**-**
POLK #2 CT (GAS)		150	63,579	57.0	69.0	91.1	11,156	GAS	680,692	680,692	709,281.0	6,121,038	9.63	8.99
POLK #2 CT (OIL)		159	18	0.0	69.0	23.7	20,430	LGT.OIL	63	63	367.7	10,475	58.19	166.06
POLK #2 TOTAL		**150**	**63,597**	**57.0**	**69.0**	**91.1**	**11,159**	**-**	**-**	**-**	**709,648.7**	**6,131,513**	**9.64**	**-**
POLK #3 CT (GAS)		150	77,974	69.9	82.1	92.6	11,065	GAS	827,981	827,981	862,756.0	7,445,515	9.55	8.99
POLK #3 CT (OIL)		159	24	0.0	82.1	33.8	16,087	LGT.OIL	66	66	386.1	10,998	45.83	166.06
POLK #3 TOTAL		**150**	**77,998**	**69.9**	**82.1**	**92.6**	**11,066**	**-**	**-**	**-**	**863,142.1**	**7,456,513**	**9.56**	**-**
POLK #4 TOTAL		**150**	**77,034**	**69.0**	**98.9**	**93.5**	**10,891**	GAS	**805,130**	**805,130**	**838,945.0**	**7,240,028**	**9.40**	**8.99**
POLK #5 TOTAL		**150**	**80,155**	**71.8**	**98.4**	**92.9**	**10,889**	GAS	**837,605**	**837,605**	**872,784.0**	**7,532,056**	**9.40**	**8.99**
POLK #2 CC TOTAL		**1,061**	**482,932**	**61.2**	**83.4**	**77.9**	**7,022**	GAS	**-**	**-**	**3,391,296.8**	**29,281,587**	**6.06**	**-**
POLK STATION TOTAL		**1,263**	**583,829**	**62.1**	**85.5**	**64.3**	**7,328**	**-**	**-**	**-**	**4,278,417.8**	**36,937,370**	**6.33**	**-**

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SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: May 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
BAYSIDE ST 1	233	121,134	69.9	98.8	70.7	-		-	-	-	-	-	-
BAYSIDE CT1A	156	71,677	61.8	100.0	78.1	11,670	GAS	802,725	802,725	836,439.9	7,218,410	10.07	8.99
BAYSIDE CT1B	156	69,368	59.8	100.0	78.4	11,661	GAS	776,295	776,295	808,899.2	6,980,736	10.06	8.99
BAYSIDE CT1C	156	77,428	66.7	100.0	77.6	11,390	GAS	846,334	846,334	881,880.1	7,610,553	9.83	8.99
BAYSIDE UNIT 1 TOTAL	**701**	**339,607**	**65.1**	**99.6**	**65.9**	**7,442**	**GAS**	**2,425,354**	**2,425,354**	**2,527,219.2**	**21,809,699**	**6.42**	**8.99**
BAYSIDE ST 2	305	159,145	70.1	96.7	72.5	-		-	-	-	-	-	-
BAYSIDE CT2A	156	73,093	63.0	96.7	81.5	11,169	GAS	783,472	783,472	816,378.0	7,045,277	9.64	8.99
BAYSIDE CT2B	156	72,313	62.3	97.0	80.5	11,372	GAS	789,191	789,191	822,336.5	7,096,698	9.81	8.99
BAYSIDE CT2C	156	74,058	63.8	96.7	80.7	11,474	GAS	815,515	815,515	849,767.0	7,333,422	9.90	8.99
BAYSIDE CT2D	156	73,328	63.2	96.7	80.9	11,464	GAS	806,768	806,768	840,651.9	7,254,758	9.89	8.99
BAYSIDE UNIT 2 TOTAL	**929**	**451,937**	**65.4**	**96.8**	**67.6**	**7,366**	**GAS**	**3,194,946**	**3,194,946**	**3,329,133.4**	**28,730,155**	**6.36**	**8.99**
BAYSIDE UNIT 3 TOTAL	**56**	**1,074**	**2.6**	**100.0**	**65.6**	**10,996**	**GAS**	**11,330**	**11,330**	**11,805.6**	**101,881**	**9.49**	**8.99**
BAYSIDE UNIT 4 TOTAL	**56**	**659**	**1.6**	**100.0**	**55.0**	**11,328**	**GAS**	**7,161**	**7,161**	**7,461.6**	**64,393**	**9.77**	**8.99**
BAYSIDE UNIT 5 TOTAL	**56**	**558**	**1.3**	**100.0**	**45.6**	**11,749**	**GAS**	**6,292**	**6,292**	**6,556.7**	**56,584**	**10.14**	**8.99**
BAYSIDE UNIT 6 TOTAL	**56**	**335**	**0.8**	**100.0**	**71.0**	**11,292**	**GAS**	**3,627**	**3,627**	**3,779.0**	**32,612**	**9.73**	**8.99**
BAYSIDE STATION TOTAL	**1,854**	**794,170**	**57.6**	**98.2**	**58.3**	**7,411**	**GAS**	**5,648,710**	**5,648,710**	**5,885,955.5**	**50,795,324**	**6.40**	**8.99**
SYSTEM	**5,351**	**1,815,027**	**45.6**	**87.2**	**48.8**	**7,110**	**-**	**-**	**-**	**12,972,467.7**	**103,252,157**	**5.69**	**-**

LEGEND:
B.B. = BIG BEND
CT = COMBUSTION TURBINE
CC = COMBINED CYCLE
ST = STEAM TURBINE

Footnotes:
[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] Test Energy
[4] Consists of fixed costs and Coal adjustment details on schedule A5 page 2

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SCHEDULE A4
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SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: June 2022

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT		NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
TIA SOLAR		1.6	295	23.2	-	53.0	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR		19.3	3,587	23.7	-	46.3	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR		1.5	255	20.7	-	45.0	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR		70.1	13,086	25.2	-	50.0	-	SOLAR	-	-	-	-	-	-
BALM SOLAR		74.2	13,693	24.1	-	49.1	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR		74.3	15,202	26.0	-	54.3	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR		60.8	11,297	24.9	-	51.0	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR		54.8	10,384	24.9	-	50.9	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR		37.4	6,067	21.8	-	41.4	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR		49.4	9,229	24.4	-	50.5	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR		74.4	12,470	20.0	-	43.3	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR		74.3	10,791	14.3	-	37.9	-	SOLAR	-	-	-	-	-	-
DURRANCE		59.8	9,833	19.5	-	41.8	-	SOLAR	-	-	-	-	-	-
ESA CANOPY SOLAR	(3)	0.0	116	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	(3)	0.0	(25)	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR		74.3	12,823	22.6	-	43.6	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	(3)	0.0	12,978	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR		24.9	6,803	26.8	-	67.1	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	(3)	0.0	10,896	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
FLOATING SOLAR	(3)	0.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
AGRI VOLTAICS SOLAR	(3)	0.0	146	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL		**751.1**	**159,926**	**25.2**	-	**44.4**	-	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
BIG BEND #1 TOTAL		**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
BIG BEND 5 CT	(3)	**330**	**23,516**	**9.9**	**71.3**	**62.7**	**10,147**	**GAS**	**227,247**	**227,247**	**238,609.2**	**2,373,633**	**10.09**	**10.45**
BIG BEND 6 CT	(3)	**330**	**27,370**	**11.5**	**100.0**	**71.2**	**9,676**	**GAS**	**252,232**	**252,232**	**264,843.3**	**2,634,605**	**9.63**	**10.45**
BIG BEND #1 CC TOTAL		**660**	**50,886**	**10.7**	**85.6**	**66.2**	**9,894**	**GAS**	**479,479**	**0**	**503,452.5**	**5,008,239**	**9.84**	**-**
BIG BEND #2 TOTAL		**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
B.B.#3 (COAL)		395	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#3 (GAS)		345	0	0.0	81.2	0.0	-	GAS	0	0	0.0	0	0.00	0.00
BIG BEND #3 TOTAL		**345**	**0**	**0.0**	**81.2**	**0.0**	**0**	**-**	**-**	**-**	**0.0**	**0**	**0.00**	**-**
B.B.#4 (COAL)	(4)	422	144,802	47.7	87.2	49.9	-	COAL	73,764	73,764	1,657,112.8	4,335,404	2.99	58.77
B.B.#4 (GAS)		410	4,329	1.5	87.2	10.5	-	GAS	47,801	47,801	50,190.5	499,285	11.53	10.45
BIG BEND #4 TOTAL		**422**	**149,131**	**49.1**	**87.2**	**49.5**	**11,448**	**-**	**-**	**-**	**1,707,303.3**	**4,834,688**	**3.24**	**-**
B.B. IGNITION		-	-	-	-	-	-	GAS	3,461	0	0.0	36,149	-	10.45
BIG BEND CT #4 TOTAL		**56**	**294**	**0.7**	**100.0**	**70.5**	**15,931**	**GAS**	**4,461**	**0**	**4,683.7**	**46,592**	**15.85**	**10.45**
BIG BEND STATION TOTAL		**1,483**	**200,311**	**18.8**	**85.6**	**18.9**	**11,060**		**-**	**-**	**2,215,439.5**	**9,925,669**	**4.96**	**-**
POLK #1 GASIFIER		220	(1,533)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)		152	30,858	28.2	64.8	59.9	12,629	GAS	371,149	371,149	389,706.5	3,876,717	9.01	10.45
POLK #1 ST		50	12,177	33.8	63.7	75.0	-	-	-	-	-	-	-	-
POLK #1 TOTAL		**202**	**41,502**	**28.5**	**64.6**	**62.9**	**9,390**	**-**	**-**	**-**	**389,706.5**	**3,876,717**	**9.34**	**-**
POLK #2 ST DUCT FIRING		461	24,309	7.3	-	23.4	8,400	GAS	194,468	194,468	204,191.8	2,031,256	8.36	10.45
POLK #2 ST W/O DUCT FIRING		341	238,694	97.2	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL		**461**	**263,003**	**79.2**	**100.0**	**23.4**	**-**	**GAS**	**-**	**-**	**204,191.8**	**2,031,256**	**0.77**	**-**
POLK #2 CT (GAS)		150	99,223	91.9	100.0	94.0	11,104	GAS	1,049,354	1,049,354	1,101,821.5	10,960,686	11.05	10.45
POLK #2 CT (OIL)		159	68	0.1	100.0	44.6	16,554	LGT.OIL	193	193	1,126.6	26,796	39.41	138.65
POLK #2 TOTAL		**150**	**99,291**	**91.9**	**100.0**	**94.0**	**11,108**	**-**	**-**	**-**	**1,102,948.1**	**10,987,481**	**11.07**	**-**
POLK #3 CT (GAS)		150	100,257	92.9	100.0	94.1	11,045	GAS	1,054,592	1,054,592	1,107,321.7	11,015,401	10.99	10.45
POLK #3 CT (OIL)		159	33	0.0	100.0	26.8	18,118	LGT.OIL	104	104	604.3	14,373	43.55	138.65
POLK #3 TOTAL		**150**	**100,290**	**92.9**	**100.0**	**94.1**	**11,047**	**-**	**-**	**-**	**1,107,926.0**	**11,029,773**	**11.00**	**-**
POLK #4 TOTAL		**150**	**102,281**	**94.7**	**100.0**	**95.0**	**10,867**	GAS	**1,058,573**	**1,058,573**	**1,111,501.6**	**11,056,981**	**10.81**	**10.45**
POLK #5 TOTAL		**150**	**102,468**	**94.9**	**100.0**	**94.9**	**10,858**	GAS	**1,059,641**	**1,059,641**	**1,112,623.1**	**11,068,138**	**10.80**	**10.45**
POLK #2 CC TOTAL		**1,061**	**667,333**	**87.4**	**100.0**	**87.4**	**6,952**	GAS	**-**	**-**	**4,639,190.5**	**46,173,630**	**6.92**	**-**
POLK STATION TOTAL		**1,263**	**708,835**	**78.0**	**94.3**	**78.0**	**7,095**	**-**	**-**	**-**	**5,028,896.9**	**50,050,347**	**7.06**	**-**

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SCHEDULE A4
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SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: June 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
BAYSIDE ST 1	233	128,484	76.6	98.9	76.6	-		-	-	-	-	-	-
BAYSIDE CT1A	156	77,089	68.6	100.0	77.9	11,624	GAS	853,401	853,401	896,070.9	8,913,923	11.56	10.45
BAYSIDE CT1B	156	79,637	70.9	100.0	78.4	11,600	GAS	879,798	879,798	923,788.2	9,189,650	11.54	10.45
BAYSIDE CT1C	156	73,714	65.6	96.6	78.1	11,304	GAS	793,563	793,563	833,241.2	8,288,905	11.24	10.45
BAYSIDE UNIT 1 TOTAL	**701**	**358,924**	**71.1**	**98.9**	**71.1**	**7,392**	**GAS**	**2,526,762**	**2,526,762**	**2,653,100.3**	**26,392,478**	**7.35**	**10.45**
BAYSIDE ST 2	305	165,580	75.4	100.0	75.4	-		-	-	-	-	-	-
BAYSIDE CT2A	156	72,428	64.5	100.0	80.1	11,172	GAS	770,630	770,630	809,161.4	8,049,366	11.11	10.45
BAYSIDE CT2B	156	79,198	70.5	100.0	79.8	11,315	GAS	853,455	853,455	896,127.6	8,914,486	11.26	10.45
BAYSIDE CT2C	156	82,727	73.7	100.0	79.6	11,457	GAS	902,705	902,705	947,839.9	9,428,910	11.40	10.45
BAYSIDE CT2D	156	65,906	58.7	100.0	79.9	11,448	GAS	718,540	718,540	754,467.2	7,505,279	11.39	10.45
BAYSIDE UNIT 2 TOTAL	**929**	**465,839**	**69.6**	**100.0**	**69.6**	**7,315**	**GAS**	**3,245,330**	**3,245,330**	**3,407,596.0**	**33,898,041**	**7.28**	**10.45**
BAYSIDE UNIT 3 TOTAL	**56**	**514**	**1.3**	**99.4**	**90.6**	**10,943**	**GAS**	**5,359**	**5,359**	**5,627.3**	**55,980**	**10.89**	**10.45**
BAYSIDE UNIT 4 TOTAL	**56**	**657**	**1.6**	**99.4**	**90.4**	**11,100**	**GAS**	**6,950**	**6,950**	**7,297.9**	**72,598**	**11.05**	**10.45**
BAYSIDE UNIT 5 TOTAL	**56**	**557**	**1.4**	**100.0**	**86.9**	**11,172**	**GAS**	**5,926**	**5,926**	**6,221.8**	**61,893**	**11.11**	**10.45**
BAYSIDE UNIT 6 TOTAL	**56**	**196**	**0.5**	**94.9**	**79.2**	**11,478**	**GAS**	**2,147**	**2,147**	**2,254.1**	**22,423**	**11.44**	**10.45**
BAYSIDE STATION TOTAL	**1,854**	**826,687**	**61.9**	**99.4**	**61.9**	**7,357**	**GAS**	**5,792,474**	**5,792,474**	**6,082,097.4**	**60,503,412**	**7.32**	**10.45**
SYSTEM	**5,351**	**1,895,759**	**42.8**	**93.5**	**51.9**	**7,030**	**-**	**-**	**-**	**13,326,433.9**	**120,479,428**	**6.36**	**-**

LEGEND:
B.B. = BIG BEND
CT = COMBUSTION TURBINE
CC = COMBINED CYCLE
ST = STEAM TURBINE

Footnotes:
[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] Test Energy
[4] Consists of fixed costs and Coal adjustment details on schedule A5 page 2

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SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: JULY 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
1. TIA SOLAR	1.6	290	24.4	-	24.4	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.7	290	2.0	-	2.0	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	4,270	409.9	-	409.9	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	16,270	31.2	-	31.2	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	16,880	30.6	-	30.6	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	17,240	31.2	-	31.2	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	13,590	30.0	-	30.0	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	12,410	30.2	-	30.2	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	8,460	30.4	-	30.4	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.3	10,760	29.3	-	29.3	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	16,330	29.4	-	29.4	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	17,300	31.3	-	31.3	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	14,280	32.1	-	32.1	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	5,940	25.4	-	25.4	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	10,290	18.6	-	18.6	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	14,050	34.7	-	34.7	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	14,050	25.4	-	25.4	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	70.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
22. SOLAR TOTAL [3]	**1087.5**	**192,700**	**23.8**	**-**	**23.8**	**-**	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
23. BIG BEND #1 TOTAL	**335**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
24. B.B.#3 (GAS)	345	27,480	10.7	-	-	-	GAS	318,650	1,027,993	327,570.0	2,804,292	10.20	8.80
25. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
26. BIG BEND #3 TOTAL	**345**	**27,480**	**10.7**	**83.3**	**14.4**	**11,920**		**-**	**-**	**327,570.0**	**2,804,292**	**10.20**	**-**
27. B.B.#4 (GAS)	422	87,450	27.9	-	-	-	GAS	921,990	1,027,994	947,800.0	8,114,009	9.28	8.80
28. B.B.#4 (COAL)	410	87,450	28.7	-	-	-	COAL	42,120	22,502,374	947,800.0	3,020,445	3.45	71.71
29. BIG BEND #4 TOTAL	**410**	**174,900**	**57.3**	**89.5**	**61.1**	**10,838**		**-**	**-**	**1,895,600.0**	**11,134,454**	**6.37**	**-**
30. B.B. IGNITION	-	-	-	-	-	-	GAS	15,030	1,027,944	15,450.0	132,272	-	8.80
31. B.B.C.T.#4 TOTAL	**56**	**10**	**0.0**	**98.3**	**17.9**	**31,000**	**GAS**	**300**	**1,033,333**	**310.0**	**2,640**	**26.40**	**8.80**
32. B.B.C.T.#5 TOTAL	**330**	**19,350**	**7.9**	**98.0**	**59.2**	**10,753**	**GAS**	**202,420**	**1,027,962**	**208,080.0**	**1,781,405**	**9.21**	**8.80**
33. B.B.C.T.#6 TOTAL	**330**	**5,110**	**2.1**	**98.0**	**61.9**	**10,706**	**GAS**	**53,220**	**1,027,997**	**54,710.0**	**468,365**	**9.17**	**8.80**
34. BIG BEND STATION TOTAL	**1,806**	**226,850**	**16.9**	**75.1**	**43.8**	**10,960**	**-**	**-**	**-**	**2,486,270.0**	**16,323,428**	**7.20**	**-**
35. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
36. POLK #1 CT (GAS)	220	41,410	25.3	-	75.6	8,917	GAS	359,190	1,028,007	369,250.0	3,161,066	7.63	8.80
37. POLK #1 TOTAL	**245**	**41,410**	**22.7**	**93.7**	**75.6**	**8,917**	**-**	**-**	**-**	**369,250.0**	**3,161,066**	**7.63**	**-**
38. POLK #2 ST DUCT FIRING	120	2,420	2.7	-	36.0	8,277	GAS	19,490	1,027,707	20,030.0	171,523	7.09	8.80
39. POLK #2 ST W/O DUCT FIRING	360	551,050	-	-	-	-		3,704,465	1,028,005	3,808,210.0	32,601,289	5.92	8.80
40. POLK #2 ST TOTAL	**480**	**553,470**	**155.0**	**-**	**146.0**	**6,917**	**GAS**	**-**	**-**	**3,828,240.0**	**32,772,812**	**5.92**	**-**
41. POLK #2 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	(1)	0.00	0.00
42. POLK #2 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	333	5,855,856	1,950.0	46,443	30.96	139.47
43. POLK #2 TOTAL [4]	**150**	**150**	**0.1**	**-**	**94.3**	**13,000**	**-**	**-**	**-**	**1,950.0**	**46,442**	**30.96**	**-**
44. POLK #3 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
45. POLK #3 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	332	5,873,494	1,950.0	46,303	30.87	139.47
46. POLK #3 TOTAL [4]	**150**	**150**	**0.1**	**-**	**94.3**	**13,000**	**-**	**-**	**-**	**1,950.0**	**46,303**	**30.87**	**-**
47. POLK #4 CT (GAS) TOTAL [4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
48. POLK #5 CT (GAS) TOTAL [4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
49. POLK #2 CC TOTAL	**1,080**	**553,770**	**68.9**	**97.3**	**145.8**	**6,920**	**-**	**-**	**-**	**3,832,140.0**	**32,865,557**	**5.93**	**-**
50. POLK STATION TOTAL	**1,325**	**595,180**	**60.4**	**96.6**	**129.0**	**7,059**	**-**	**-**	**-**	**4,201,390.0**	**36,026,623**	**6.05**	**-**
51. BAYSIDE #1	720	393,700	73.5	96.6	75.9	7,347	GAS	2,813,830	1,027,997	2,892,610.0	24,763,221	6.29	8.80
52. BAYSIDE #2	954	406,350	57.3	97.3	58.9	7,533	GAS	2,977,850	1,028,000	3,061,230.0	26,206,685	6.45	8.80
53. BAYSIDE #3	56	110	0.3	98.6	49.1	15,364	GAS	1,640	1,030,488	1,690.0	14,433	13.12	8.80
54. BAYSIDE #4	56	30	0.1	98.6	26.8	21,333	GAS	630	1,015,873	640.0	5,544	18.48	8.80
55. BAYSIDE #5	56	120	0.3	98.6	53.6	14,083	GAS	1,640	1,030,488	1,690.0	14,433	12.03	8.80
56. BAYSIDE #6	56	120	0.3	98.6	53.6	14,833	GAS	1,720	1,034,884	1,780.0	15,137	12.61	8.80
57. BAYSIDE STATION TOTAL	**1,898**	**800,430**	**56.7**	**97.2**	**66.2**	**7,446**	**GAS**	**5,797,310**	**1,028,001**	**5,959,640.0**	**51,019,453**	**6.37**	**8.80**
58. SYSTEM TOTAL	**6,117**	**1,815,160**	**39.9**	**73.3**	**88.2**	**6,968**	**-**	**-**	**-**	**12,647,300.0**	**103,369,504**	**5.69**	**-**

LEGEND:
B.B. = BIG BEND
CC = COMBINED CYCLE
CT = COMBUSTION TURBINE
ST = STEAM TURBINE

[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] AC rating
[4] In Simple Cycle Mode

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: AUGUST 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
1. TIA SOLAR	1.6	290	24.4	-	24.4	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.7	270	1.8	-	1.8	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	4,180	401.3	-	401.3	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	15,700	30.1	-	30.1	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	16,280	29.5	-	29.5	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	16,650	30.1	-	30.1	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	13,120	29.0	-	29.0	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	11,990	29.2	-	29.2	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	8,320	29.9	-	29.9	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.3	10,390	28.3	-	28.3	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	15,830	28.5	-	28.5	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	16,730	30.3	-	30.3	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	13,780	31.0	-	31.0	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	5,730	24.5	-	24.5	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	9,930	18.0	-	18.0	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	13,550	33.5	-	33.5	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	13,550	24.5	-	24.5	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	70.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
22. SOLAR TOTAL [3]	**1087.5**	**186,290**	**23.0**	**-**	**23.0**	**-**	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
23. BIG BEND #1 TOTAL	**335**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
24. B.B.#3 (GAS)	345	18,260	7.1	-	-	-	GAS	211,750	1,027,957	217,670.0	1,856,613	10.17	8.77
25. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
26. BIG BEND #3 TOTAL	**345**	**18,260**	**7.1**	**83.3**	**7.9**	**11,921**		**-**	**-**	**217,670.0**	**1,856,613**	**10.17**	**-**
27. B.B.#4 (GAS)	422	110,970	35.3	-	-	-	GAS	1,158,760	1,027,995	1,191,200.0	10,159,945	9.16	8.77
28. B.B.#4 (COAL)	410	110,970	36.4	-	-	-	COAL	52,940	22,500,944	1,191,200.0	3,685,075	3.32	69.61
29. BIG BEND #4 TOTAL	**410**	**221,940**	**72.8**	**89.5**	**70.6**	**10,734**		**-**	**-**	**2,382,400.0**	**13,845,020**	**6.24**	**-**
30. B.B. IGNITION	-	-	-	-	-	-	GAS	12,110	1,028,076	12,450.0	106,180	-	8.77
31. B.B.C.T.#4 TOTAL	**56**	**460**	**1.1**	**98.3**	**63.2**	**12,978**	**GAS**	**5,800**	**1,029,310**	**5,970.0**	**50,854**	**11.06**	**8.77**
32. B.B.C.T.#5 TOTAL	**330**	**15,290**	**6.2**	**75.9**	**73.5**	**9,939**	**GAS**	**147,830**	**1,028,005**	**151,970.0**	**1,296,165**	**8.48**	**8.77**
33. B.B.C.T.#6 TOTAL	**330**	**12,130**	**4.9**	**75.9**	**76.6**	**9,841**	**GAS**	**116,120**	**1,027,988**	**119,370.0**	**1,018,134**	**8.39**	**8.77**
34. BIG BEND STATION TOTAL	**1,806**	**268,080**	**20.0**	**67.0**	**46.0**	**10,733**	**-**	**-**	**-**	**2,877,380.0**	**18,172,966**	**6.78**	**-**
35. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
36. POLK #1 CT (GAS)	220	29,960	18.3	-	76.9	8,873	GAS	258,600	1,027,958	265,830.0	2,267,391	7.57	8.77
37. POLK #1 TOTAL	**245**	**29,960**	**16.4**	**93.7**	**76.9**	**8,873**	**-**	**-**	**-**	**265,830.0**	**2,267,391**	**7.57**	**-**
38. POLK #2 ST DUCT FIRING	120	3,660	4.1	-	47.7	8,279	GAS	29,480	1,027,815	30,300.0	258,479	7.06	8.77
39. POLK #2 ST W/O DUCT FIRING	360	553,150	-	-	-	-		3,719,255	1,028,002	3,823,400.0	32,610,226	5.90	8.77
40. POLK #2 ST TOTAL	**480**	**556,810**	**155.9**	**-**	**145.4**	**6,921**	**GAS**	**-**	**-**	**3,853,700.0**	**32,868,705**	**5.90**	**-**
41. POLK #2 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
42. POLK #2 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	333	5,855,856	1,950.0	46,646	31.10	140.08
43. POLK #2 TOTAL [4]	**150**	**150**	**0.1**	**-**	**94.3**	**13,000**	**-**	**-**	**-**	**1,950.0**	**46,646**	**31.10**	**-**
44. POLK #3 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
45. POLK #3 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	332	5,873,494	1,950.0	46,505	31.00	140.08
46. POLK #3 TOTAL [4]	**150**	**150**	**0.1**	**-**	**94.3**	**13,000**	**-**	**-**	**-**	**1,950.0**	**46,505**	**31.00**	**-**
47. POLK #4 CT (GAS) TOTAL [4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
48. POLK #5 CT (GAS) TOTAL [4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
49. POLK #2 CC TOTAL	**1,080**	**557,110**	**69.3**	**97.3**	**145.2**	**6,924**	**-**	**-**	**-**	**3,857,600.0**	**32,961,856**	**5.92**	**-**
50. POLK STATION TOTAL	**1,325**	**587,070**	**59.6**	**96.6**	**132.9**	**7,024**	**-**	**-**	**-**	**4,123,430.0**	**35,229,247**	**6.00**	**-**
51. BAYSIDE #1	720	399,010	74.5	96.6	77.0	7,341	GAS	2,849,300	1,028,000	2,929,080.0	24,982,508	6.26	8.77
52. BAYSIDE #2	954	413,800	58.3	97.3	60.0	7,523	GAS	3,028,140	1,028,001	3,112,930.0	26,550,569	6.42	8.77
53. BAYSIDE #3	56	830	2.0	98.6	78.0	12,361	GAS	10,000	1,026,000	10,260.0	87,679	10.56	8.77
54. BAYSIDE #4	56	710	1.7	98.6	74.6	12,535	GAS	8,670	1,026,528	8,900.0	76,018	10.71	8.77
55. BAYSIDE #5	56	1,130	2.7	98.6	72.1	12,434	GAS	13,680	1,027,047	14,050.0	119,945	10.61	8.77
56. BAYSIDE #6	56	880	2.1	98.6	78.6	12,227	GAS	10,470	1,027,698	10,760.0	91,800	10.43	8.77
57. BAYSIDE STATION TOTAL	**1,898**	**816,360**	**57.8**	**97.2**	**67.3**	**7,455**	**GAS**	**5,920,260**	**1,027,992**	**6,085,980.0**	**51,908,519**	**6.36**	**8.77**
58. SYSTEM TOTAL	**6,117**	**1,857,800**	**40.8**	**70.9**	**88.0**	**7,044**	**-**	**-**	**-**	**13,086,790.0**	**105,310,732**	**5.67**	**-**

LEGEND:
B.B. = BIG BEND
CC = COMBINED CYCLE
CT = COMBUSTION TURBINE
ST = STEAM TURBINE

[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] AC rating
[4] In Simple Cycle Mode

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: SEPTEMBER 2022

(A) PLANT/UNIT	(B) NET CAPA-BILITY (MW)	(C) NET GENERATION (MWH)	(D) NET CAPACITY FACTOR (%)	(E) EQUIV. AVAIL. FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG. NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)	(J) FUEL HEAT VALUE (BTU/UNIT)	(K) FUEL BURNED (MM BTU) [2]	(L) AS BURNED FUEL COST ($) [1]	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF FUEL ($/UNIT)
1. TIA SOLAR	1.6	260	21.8	-	21.8	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.7	230	1.6	-	1.6	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	3,470	333.1	-	333.1	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	13,650	26.2	-	26.2	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	14,140	25.6	-	25.6	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	14,340	25.9	-	25.9	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	11,390	25.1	-	25.1	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	10,420	25.4	-	25.4	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	6,720	24.2	-	24.2	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.3	9,030	24.6	-	24.6	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	13,680	24.6	-	24.6	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	14,370	26.0	-	26.0	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	11,990	26.9	-	26.9	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	4,980	21.3	-	21.3	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	8,630	15.6	-	15.6	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	11,770	29.1	-	29.1	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	11,770	21.3	-	21.3	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	70.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
22. SOLAR TOTAL [3]	**1087.5**	**160,840**	**19.9**	**-**	**19.9**	**-**	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
23. BIG BEND #1 TOTAL	**335**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
24. B.B.#3 (GAS)	345	22,190	8.6	-	-	-	GAS	257,910	1,028,033	265,140.0	2,136,865	9.63	8.29
25. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
26. BIG BEND #3 TOTAL	**345**	**22,190**	**8.6**	**83.3**	**9.9**	**11,949**		**-**	**-**	**265,140.0**	**2,136,865**	**9.63**	**-**
27. B.B.#4 (GAS)	422	100,690	32.1	-	-	-	GAS	1,068,090	1,028,003	1,098,000.0	8,849,461	8.79	8.29
28. B.B.#4 (COAL)	410	100,700	33.0	-	-	-	COAL	48,800	22,499,795	1,097,990.0	3,256,074	3.23	66.72
29. BIG BEND #4 TOTAL	**410**	**201,390**	**66.0**	**89.5**	**63.7**	**10,904**		**-**	**-**	**2,195,990.0**	**12,105,535**	**6.01**	**-**
30. B.B. IGNITION	-	-	-	-	-	-	GAS	11,270	1,028,394	11,590.0	93,375	-	8.29
31. B.B.C.T.#4 TOTAL	**56**	**280**	**0.7**	**98.3**	**62.5**	**12,964**	**GAS**	**3,520**	**1,031,250**	**3,630.0**	**29,164**	**10.42**	**8.29**
32. B.B.C.T.#5 TOTAL	**330**	**76,170**	**31.0**	**98.0**	**68.9**	**9,987**	**GAS**	**739,990**	**1,028,000**	**760,710.0**	**6,131,049**	**8.05**	**8.29**
33. B.B.C.T.#6 TOTAL	**330**	**28,280**	**11.5**	**98.0**	**73.2**	**10,023**	**GAS**	**275,740**	**1,027,997**	**283,460.0**	**2,284,592**	**8.08**	**8.29**
34. BIG BEND STATION TOTAL	**1,806**	**328,310**	**24.4**	**75.1**	**47.5**	**10,688**	**-**	**-**	**-**	**3,508,930.0**	**22,780,580**	**6.94**	**-**
35. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
36. POLK #1 CT (GAS)	220	76,960	47.0	-	76.2	8,814	GAS	659,870	1,028,021	678,360.0	5,467,229	7.10	8.29
37. POLK #1 TOTAL	**245**	**76,960**	**42.2**	**93.7**	**76.2**	**8,814**	**-**	**-**	**-**	**678,360.0**	**5,467,229**	**7.10**	**-**
38. POLK #2 ST DUCT FIRING	120	4,900	5.5	-	41.2	8,280	GAS	39,460	1,028,130	40,570.0	326,938	6.67	8.29
39. POLK #2 ST W/O DUCT FIRING	360	558,310	-	-	-	-		3,753,375	1,028,003	3,858,480.0	31,097,887	5.57	8.29
40. POLK #2 ST TOTAL	**480**	**563,210**	**157.7**	**-**	**145.0**	**6,923**	**GAS**	**-**	**-**	**3,899,050.0**	**31,424,825**	**5.58**	**-**
41. POLK #2 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	1	0.00	0.00
42. POLK #2 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	333	5,855,856	1,950.0	46,827	31.22	140.62
43. POLK #2 TOTAL [4]	**150**	**150**	**0.1**	**-**	**94.3**	**13,000**	**-**	**-**	**-**	**1,950.0**	**46,828**	**31.22**	**-**
44. POLK #3 CT (GAS)	150	560	0.5	-	93.3	10,929	GAS	5,960	1,026,846	6,120.0	49,380	8.82	8.29
45. POLK #3 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	332	5,873,494	1,950.0	46,687	31.12	140.62
46. POLK #3 TOTAL [4]	**150**	**710**	**0.6**	**-**	**93.5**	**11,366**	**-**	**-**	**-**	**8,070.0**	**96,067**	**13.53**	**-**
47. POLK #4 CT (GAS) TOTAL [4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
48. POLK #5 CT (GAS) TOTAL [4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
49. POLK #2 CC TOTAL	**1,080**	**564,070**	**70.2**	**97.3**	**144.7**	**6,930**	**-**	**-**	**-**	**3,909,070.0**	**31,567,720**	**5.60**	**-**
50. POLK STATION TOTAL	**1,325**	**641,030**	**65.0**	**96.6**	**120.0**	**7,156**	**-**	**-**	**-**	**4,587,430.0**	**37,034,949**	**5.78**	**-**
51. BAYSIDE #1	720	114,230	21.3	29.0	75.9	7,350	GAS	816,700	1,027,991	839,560.0	6,766,615	5.92	8.29
52. BAYSIDE #2	954	447,560	63.1	97.3	67.0	7,460	GAS	3,247,970	1,027,996	3,338,900.0	26,910,448	6.01	8.29
53. BAYSIDE #3	56	560	1.3	98.6	76.9	12,304	GAS	6,700	1,028,358	6,890.0	55,512	9.91	8.29
54. BAYSIDE #4	56	370	0.9	98.6	73.4	12,514	GAS	4,490	1,031,180	4,630.0	37,201	10.05	8.29
55. BAYSIDE #5	56	850	2.0	98.6	69.0	12,824	GAS	10,610	1,027,333	10,900.0	87,907	10.34	8.29
56. BAYSIDE #6	56	710	1.7	98.6	63.4	13,197	GAS	9,120	1,027,412	9,370.0	75,562	10.64	8.29
57. BAYSIDE STATION TOTAL	**1,898**	**564,280**	**40.0**	**71.5**	**68.7**	**7,461**	**GAS**	**4,095,590**	**1,027,996**	**4,210,250.0**	**33,933,245**	**6.01**	**8.29**
58. SYSTEM TOTAL	**6,117**	**1,694,460**	**37.2**	**65.3**	**89.5**	**7,263**	**-**	**-**	**-**	**12,306,610.0**	**93,748,774**	**5.53**	**-**

LEGEND:
B.B. = BIG BEND
CC = COMBINED CYCLE
CT = COMBUSTION TURBINE
ST = STEAM TURBINE

[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] AC rating
[4] In Simple Cycle Mode

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: OCTOBER 2022

(A) PLANT/UNIT	(B) NET CAPA-BILITY (MW)	(C) NET GENERATION (MWH)	(D) NET CAPACITY FACTOR (%)	(E) EQUIV. AVAIL. FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG. NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)	(J) FUEL HEAT VALUE (BTU/UNIT)	(K) FUEL BURNED (MM BTU) [2]	(L) AS BURNED FUEL COST ($) [1]	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF FUEL ($/UNIT)
1. TIA SOLAR	1.6	290	24.4	-	24.4	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.7	220	1.5	-	1.5	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	3,590	344.7	-	344.7	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	13,490	25.9	-	25.9	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	13,990	25.3	-	25.3	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	13,980	25.3	-	25.3	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	11,250	24.8	-	24.8	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	10,300	25.1	-	25.1	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	7,100	25.5	-	25.5	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.3	8,930	24.3	-	24.3	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	14,210	25.6	-	25.6	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	14,040	25.4	-	25.4	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	11,850	26.6	-	26.6	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	4,940	21.1	-	21.1	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	8,560	15.5	-	15.5	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	11,680	28.9	-	28.9	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	11,680	21.1	-	21.1	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	70.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
22. SOLAR TOTAL [3]	**1087.5**	**160,100**	**19.8**	**-**	**19.8**	**-**	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
23. BIG BEND #1 TOTAL	**335**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
24. B.B.#3 (GAS)	345	45,890	17.9	-	-	-	GAS	528,170	1,028,002	542,960.0	4,134,679	9.01	7.83
25. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
26. BIG BEND #3 TOTAL	**345**	**45,890**	**17.9**	**83.3**	**19.5**	**11,832**		**-**	**-**	**542,960.0**	**4,134,679**	**9.01**	**-**
27. B.B.#4 (GAS)	422	106,400	33.9	-	-	-	GAS	1,127,560	1,027,999	1,159,130.0	8,826,890	8.30	7.83
28. B.B.#4 (COAL)	410	106,400	34.9	-	-	-	COAL	51,520	22,498,641	1,159,130.0	3,403,776	3.20	66.07
29. BIG BEND #4 TOTAL	**410**	**212,800**	**69.8**	**89.5**	**56.5**	**10,894**		**-**	**-**	**2,318,260.0**	**12,230,666**	**5.75**	**-**
30. B.B. IGNITION	-	-	-	-	-	-	GAS	16,280	1,028,256	16,740.0	127,445	-	7.83
31. B.B.C.T.#4 TOTAL	**56**	**1,190**	**2.9**	**98.3**	**73.3**	**12,563**	**GAS**	**14,540**	**1,028,198**	**14,950.0**	**113,824**	**9.57**	**7.83**
32. B.B.C.T.#5 TOTAL	**330**	**113,220**	**46.1**	**98.0**	**75.6**	**9,753**	**GAS**	**1,074,180**	**1,028,003**	**1,104,260.0**	**8,409,015**	**7.43**	**7.83**
33. B.B.C.T.#6 TOTAL	**330**	**64,250**	**26.2**	**98.0**	**81.8**	**9,689**	**GAS**	**605,590**	**1,027,989**	**622,540.0**	**4,740,747**	**7.38**	**7.83**
34. BIG BEND STATION TOTAL	**1,806**	**437,350**	**32.5**	**75.1**	**52.0**	**10,525**	**-**	**-**	**-**	**4,602,970.0**	**29,756,376**	**6.80**	**-**
35. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
36. POLK #1 CT (GAS)	220	43,070	26.3	-	79.9	8,869	GAS	371,570	1,028,016	381,980.0	2,908,766	6.75	7.83
37. POLK #1 TOTAL	**245**	**43,070**	**23.6**	**51.4**	**79.9**	**8,869**	**-**	**-**	**-**	**381,980.0**	**2,908,766**	**6.75**	**-**
38. POLK #2 ST DUCT FIRING	120	12,090	13.5	-	47.7	8,271	GAS	97,270	1,028,066	100,000.0	761,460	6.30	7.83
39. POLK #2 ST W/O DUCT FIRING	360	597,310	-	-	-	-		4,015,005	1,028,004	4,127,440.0	31,430,708	5.26	7.83
40. POLK #2 ST TOTAL	**480**	**609,400**	**170.6**	**-**	**134.5**	**6,937**	**GAS**	**-**	**-**	**4,227,440.0**	**32,192,168**	**5.28**	**-**
41. POLK #2 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	(1)	0.00	0.00
42. POLK #2 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	333	5,855,856	1,950.0	46,989	31.33	141.11
43. POLK #2 TOTAL [4]	**150**	**150**	**0.1**	**-**	**94.3**	**13,000**	**-**	**-**	**-**	**1,950.0**	**46,988**	**31.33**	**-**
44. POLK #3 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
45. POLK #3 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	332	5,873,494	1,950.0	46,848	31.23	141.11
46. POLK #3 TOTAL [4]	**150**	**150**	**0.1**	**-**	**94.3**	**13,000**	**-**	**-**	**-**	**1,950.0**	**46,848**	**31.23**	**-**
47. POLK #4 CT (GAS) TOTAL [4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
48. POLK #5 CT (GAS) TOTAL [4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
49. POLK #2 CC TOTAL	**1,080**	**609,700**	**75.9**	**97.3**	**134.4**	**6,940**	**-**	**-**	**-**	**4,231,340.0**	**32,286,004**	**5.30**	**-**
50. POLK STATION TOTAL	**1,325**	**652,770**	**66.2**	**88.8**	**123.2**	**7,067**	**-**	**-**	**-**	**4,613,320.0**	**35,194,770**	**5.39**	**-**
51. BAYSIDE #1	720	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
52. BAYSIDE #2	954	514,270	72.5	97.3	74.6	7,409	GAS	3,706,580	1,027,996	3,810,350.0	29,016,261	5.64	7.83
53. BAYSIDE #3	56	2,750	6.6	98.6	80.5	12,131	GAS	32,450	1,028,043	33,360.0	254,029	9.24	7.83
54. BAYSIDE #4	56	2,250	5.4	98.6	80.4	12,204	GAS	26,720	1,027,695	27,460.0	209,172	9.30	7.83
55. BAYSIDE #5	56	3,410	8.2	98.6	75.2	12,293	GAS	40,790	1,027,703	41,920.0	319,317	9.36	7.83
56. BAYSIDE #6	56	3,120	7.5	98.6	77.4	12,212	GAS	37,060	1,028,063	38,100.0	290,117	9.30	7.83
57. BAYSIDE STATION TOTAL	**1,898**	**525,800**	**37.2**	**60.5**	**74.6**	**7,515**	**GAS**	**3,843,600**	**1,027,992**	**3,951,190.0**	**30,088,896**	**5.72**	**7.83**
58. SYSTEM TOTAL	**6,117**	**1,776,020**	**39.0**	**60.2**	**93.7**	**7,414**	**-**	**-**	**-**	**13,167,480.0**	**95,040,042**	**5.35**	**-**

LEGEND:
B.B. = BIG BEND
CC = COMBINED CYCLE
CT = COMBUSTION TURBINE
ST = STEAM TURBINE

[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] AC rating
[4] In Simple Cycle Mode

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: NOVEMBER 2022

(A) PLANT/UNIT	(B) NET CAPA-BILITY (MW)	(C) NET GENERATION (MWH)	(D) NET CAPACITY FACTOR (%)	(E) EQUIV. AVAIL. FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG. NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)	(J) FUEL HEAT VALUE (BTU/UNIT)	(K) FUEL BURNED (MM BTU) [2]	(L) AS BURNED FUEL COST ($) [1]	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF FUEL ($/UNIT)
1. TIA SOLAR	1.6	270	22.7	-	22.7	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.7	180	1.2	-	1.2	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	2,960	284.2	-	284.2	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	10,090	19.3	-	19.3	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	10,450	18.9	-	18.9	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	11,980	21.7	-	21.7	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	8,390	18.5	-	18.5	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	7,680	18.7	-	18.7	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	6,010	21.6	-	21.6	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.3	6,670	18.2	-	18.2	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	11,740	21.1	-	21.1	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	12,030	21.8	-	21.8	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	8,860	19.9	-	19.9	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	3,690	15.8	-	15.8	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	6,400	11.6	-	11.6	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	8,740	21.6	-	21.6	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	8,740	15.8	-	15.8	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	70.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
22. SOLAR TOTAL [3]	**1087.5**	**124,880**	**15.4**	**-**	**15.4**	**-**	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
23. BIG BEND #1 TOTAL	**335**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
24. B.B.#3 (GAS)	345	27,890	10.9	-	-	-	GAS	321,560	1,027,989	330,560.0	2,559,428	9.18	7.96
25. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
26. BIG BEND #3 TOTAL	**345**	**27,890**	**10.9**	**83.3**	**26.2**	**11,852**		**-**	**-**	**330,560.0**	**2,559,428**	**9.18**	**-**
27. B.B.#4 (GAS)	422	43,020	13.7	-	-	-	GAS	467,310	1,027,990	480,390.0	3,719,511	8.65	7.96
28. B.B.#4 (COAL)	410	43,020	14.1	-	-	-	COAL	21,350	22,500,703	480,390.0	1,350,093	3.14	63.24
29. BIG BEND #4 TOTAL	**410**	**86,040**	**28.2**	**47.7**	**46.3**	**11,167**		**-**	**-**	**960,780.0**	**5,069,604**	**5.89**	**-**
30. B.B. IGNITION	-	-	-	-	-	-	GAS	13,360	1,027,695	13,730.0	106,338	-	7.96
31. B.B.C.T.#4 TOTAL	**56**	**1,180**	**2.8**	**98.3**	**68.0**	**12,754**	**GAS**	**14,630**	**1,028,708**	**15,050.0**	**116,446**	**9.87**	**7.96**
32. B.B.C.T.#5 TOTAL	**330**	**97,960**	**39.9**	**98.0**	**72.8**	**9,837**	**GAS**	**937,410**	**1,028,003**	**963,660.0**	**7,461,230**	**7.62**	**7.96**
33. B.B.C.T.#6 TOTAL	**330**	**54,700**	**22.3**	**98.0**	**77.1**	**9,794**	**GAS**	**521,140**	**1,028,016**	**535,740.0**	**4,147,967**	**7.58**	**7.96**
34. BIG BEND STATION TOTAL	**1,806**	**267,770**	**19.9**	**65.6**	**53.6**	**10,478**	**-**	**-**	**-**	**2,805,790.0**	**19,461,013**	**7.27**	**-**
35. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
36. POLK #1 CT (GAS)	220	25,350	15.5	-	77.9	8,895	GAS	219,320	1,028,087	225,480.0	1,745,658	6.89	7.96
37. POLK #1 TOTAL	**245**	**25,350**	**13.9**	**93.7**	**77.9**	**8,895**	**-**	**-**	**-**	**225,480.0**	**1,745,658**	**6.89**	**-**
38. POLK #2 ST DUCT FIRING	120	5,680	6.4	-	52.0	8,278	GAS	45,740	1,027,984	47,020.0	364,063	6.41	7.96
39. POLK #2 ST W/O DUCT FIRING	360	526,610	-	-	-	-		3,539,435	1,028,003	3,638,550.0	28,171,812	5.35	7.96
40. POLK #2 ST TOTAL	**480**	**532,290**	**149.1**	**-**	**138.4**	**6,924**	**GAS**	**-**	**-**	**3,685,570.0**	**28,535,875**	**5.36**	**-**
41. POLK #2 CT (GAS)	150	550	0.5	-	91.7	11,073	GAS	5,920	1,028,716	6,090.0	47,119	8.57	7.96
42. POLK #2 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	333	5,855,856	1,950.0	47,132	31.42	141.54
43. POLK #2 TOTAL [4]	**150**	**700**	**0.6**	**-**	**92.2**	**11,486**	**-**	**-**	**-**	**8,040.0**	**94,251**	**13.46**	**-**
44. POLK #3 CT (GAS)	150	400	0.4	-	88.9	11,225	GAS	4,370	1,027,460	4,490.0	34,783	8.70	7.96
45. POLK #3 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	332	5,873,494	1,950.0	46,990	31.33	141.54
46. POLK #3 TOTAL [4]	**150**	**550**	**0.5**	**-**	**90.3**	**11,709**	**-**	**-**	**-**	**6,440.0**	**81,773**	**14.87**	**-**
47. POLK #4 CT (GAS) TOTAL [4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
48. POLK #5 CT (GAS) TOTAL [4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
49. POLK #2 CC TOTAL	**1,080**	**533,540**	**66.4**	**97.3**	**137.9**	**6,935**	**-**	**-**	**-**	**3,700,050.0**	**28,711,899**	**5.38**	**-**
50. POLK STATION TOTAL	**1,325**	**558,890**	**56.7**	**96.6**	**128.6**	**7,024**	**-**	**-**	**-**	**3,925,530.0**	**30,457,557**	**5.45**	**-**
51. BAYSIDE #1	720	92,600	17.3	25.8	69.1	7,401	GAS	666,680	1,027,989	685,340.0	5,306,379	5.73	7.96
52. BAYSIDE #2	954	406,820	57.3	98.6	60.9	7,513	GAS	2,973,100	1,027,998	3,056,340.0	23,664,120	5.82	7.96
53. BAYSIDE #3	56	890	2.1	98.6	79.5	12,326	GAS	10,680	1,027,154	10,970.0	85,006	9.55	7.96
54. BAYSIDE #4	56	660	1.6	98.6	73.7	12,606	GAS	8,110	1,025,894	8,320.0	64,551	9.78	7.96
55. BAYSIDE #5	56	1,000	2.4	98.6	74.4	12,650	GAS	12,300	1,028,455	12,650.0	97,901	9.79	7.96
56. BAYSIDE #6	56	1,100	2.6	98.6	75.5	12,464	GAS	13,350	1,026,966	13,710.0	106,258	9.66	7.96
57. BAYSIDE STATION TOTAL	**1,898**	**503,070**	**35.6**	**70.9**	**62.4**	**7,528**	**GAS**	**3,684,220**	**1,027,987**	**3,787,330.0**	**29,324,215**	**5.83**	**7.96**
58. SYSTEM TOTAL	**6,117**	**1,454,610**	**32.0**	**62.3**	**90.3**	**7,231**	**-**	**-**	**-**	**10,518,650.0**	**79,242,785**	**5.45**	**-**

LEGEND:
B.B. = BIG BEND
CT = COMBUSTION TURBINE
CC = COMBINED CYCLE
ST = STEAM TURBINE

[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] AC rating
[4] In Simple Cycle Mode

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: DECEMBER 2022

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
1. TIA SOLAR	1.6	260	21.8	-	21.8	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.7	160	1.1	-	1.1	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	2,680	257.3	-	257.3	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	8,470	16.2	-	16.2	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	8,770	15.9	-	15.9	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	10,360	18.7	-	18.7	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	7,030	15.5	-	15.5	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	6,450	15.7	-	15.7	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	5,030	18.1	-	18.1	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.3	5,600	15.3	-	15.3	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	10,430	18.8	-	18.8	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	10,410	18.8	-	18.8	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	7,440	16.7	-	16.7	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	3,100	13.3	-	13.3	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	5,380	9.7	-	9.7	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	7,330	18.1	-	18.1	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	7,330	13.3	-	13.3	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	5,440	51.5	-	51.5	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	6,050	14.8	-	14.8	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	70.0	1,380	2.6	-	2.6	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	6,920	15.2	-	15.2	-	SOLAR	-	-	-	-	-	-
22. SOLAR TOTAL [3]	**1087.5**	**126,020**	**15.6**	**-**	**15.6**	**-**	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
23. BIG BEND #1 TOTAL	**335**	**791,960**	**317.7**	**98.0**	**325.6**	**6,275**	**GAS**	**4,834,010**	**1,027,997**	**4,969,350.0**	**39,598,780**	**5.00**	**8.19**
24. B.B.#3 (GAS)	355	27,740	10.5	-	-	-	GAS	317,400	1,028,009	326,290.0	2,600,047	9.37	8.19
25. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
26. BIG BEND #3 TOTAL	**355**	**27,740**	**10.5**	**83.3**	**21.1**	**11,762**		**-**	**-**	**326,290.0**	**2,600,047**	**9.37**	**-**
27. B.B.#4 (GAS)	420	48,840	15.6	-	-	-	GAS	534,250	1,027,983	549,200.0	4,376,418	8.96	8.19
28. B.B.#4 (COAL)	432	48,830	15.2	-	-	-	COAL	24,410	22,498,976	549,200.0	1,599,289	3.28	65.52
29. BIG BEND #4 TOTAL	**432**	**97,670**	**30.4**	**89.5**	**43.8**	**11,246**		**-**	**-**	**1,098,400.0**	**5,975,707**	**6.12**	**-**
30. B.B. IGNITION	-	-	-	-	-	-	GAS	14,200	1,028,169	14,600.0	116,322	-	8.19
31. B.B.C.T.#4 TOTAL	**61**	**350**	**0.8**	**98.3**	**71.7**	**12,200**	**GAS**	**4,160**	**1,026,442**	**4,270.0**	**34,077**	**9.74**	**8.19**
32. B.B.C.T.#5 TOTAL	**350**	**0**	**0.0**	**98.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
33. B.B.C.T.#6 TOTAL	**350**	**0**	**0.0**	**98.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
34. BIG BEND STATION TOTAL	**1,883**	**917,720**	**65.5**	**93.3**	**153.4**	**6,972**	**-**	**-**	**-**	**6,398,310.0**	**48,324,933**	**5.27**	**-**
35. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
36. POLK #1 CT (GAS)	220	33,830	20.7	-	77.7	8,911	GAS	293,230	1,028,033	301,450.0	2,402,053	7.10	8.19
37. POLK #1 TOTAL	**245**	**33,830**	**18.6**	**93.7**	**77.7**	**8,911**	**-**	**-**	**-**	**301,450.0**	**2,402,053**	**7.10**	**-**
38. POLK #2 ST DUCT FIRING	120	210	0.2	-	58.3	8,000	GAS	1,630	1,030,675	1,680.0	13,352	6.36	8.19
39. POLK #2 ST W/O DUCT FIRING	360	136,300	-	-	-	-		942,565	1,028,014	968,970.0	7,721,214	5.66	8.19
40. POLK #2 ST TOTAL	**480**	**136,510**	**38.2**	**-**	**84.4**	**7,110**	**GAS**	**-**	**-**	**970,650.0**	**7,734,566**	**5.67**	**-**
41. POLK #2 CT (GAS)	180	9,740	7.3	-	70.3	11,436	GAS	108,370	1,027,867	111,390.0	887,736	9.11	8.19
42. POLK #2 CT (OIL)	187	150	0.1	-	80.2	13,000	LGT OIL	333	5,855,856	1,950.0	47,255	31.50	141.91
43. POLK #2 TOTAL [4]	**180**	**9,890**	**7.4**	**-**	**70.4**	**11,460**	**-**	**-**	**-**	**113,340.0**	**934,991**	**9.45**	**-**
44. POLK #3 CT (GAS)	180	3,640	2.7	-	72.2	11,393	GAS	40,340	1,028,012	41,470.0	330,453	9.08	8.19
45. POLK #3 CT (OIL)	187	150	0.1	-	80.2	13,000	LGT OIL	332	5,873,494	1,950.0	47,114	31.41	141.91
46. POLK #3 TOTAL [4]	**180**	**3,790**	**2.8**	**-**	**72.5**	**11,456**	**-**	**-**	**-**	**43,420.0**	**377,567**	**9.96**	**-**
47. POLK #4 CT (GAS) TOTAL [4]	**180**	**4,230**	**3.2**	**-**	**75.8**	**11,135**	**GAS**	**45,820**	**1,027,935**	**47,100.0**	**375,344**	**8.87**	**8.19**
48. POLK #5 CT (GAS) TOTAL [4]	**180**	**3,860**	**2.9**	**-**	**82.5**	**10,876**	**GAS**	**40,840**	**1,027,914**	**41,980.0**	**334,549**	**8.67**	**8.19**
49. POLK #2 CC TOTAL	**1,200**	**158,280**	**17.7**	**53.4**	**80.9**	**7,686**	**-**	**-**	**-**	**1,216,490.0**	**9,757,017**	**6.16**	**-**
50. POLK STATION TOTAL	**1,445**	**192,110**	**17.9**	**60.2**	**80.0**	**7,901**	**-**	**-**	**-**	**1,517,940.0**	**12,159,070**	**6.33**	**-**
51. BAYSIDE #1	792	216,030	36.7	96.6	37.9	7,592	GAS	1,595,400	1,027,993	1,640,060.0	13,069,045	6.05	8.19
52. BAYSIDE #2	1,047	80,810	10.4	52.1	19.4	8,518	GAS	669,580	1,027,988	688,320.0	5,485,001	6.79	8.19
53. BAYSIDE #3	61	460	1.0	98.6	75.4	11,783	GAS	5,280	1,026,515	5,420.0	43,252	9.40	8.19
54. BAYSIDE #4	61	400	0.9	98.6	72.9	11,850	GAS	4,610	1,028,200	4,740.0	37,764	9.44	8.19
55. BAYSIDE #5	61	660	1.5	98.6	77.3	11,621	GAS	7,480	1,025,401	7,670.0	61,274	9.28	8.19
56. BAYSIDE #6	61	530	1.2	98.6	72.4	11,811	GAS	6,100	1,026,230	6,260.0	49,969	9.43	8.19
57. BAYSIDE STATION TOTAL	**2,083**	**298,890**	**19.3**	**74.5**	**30.2**	**7,871**	**GAS**	**2,288,450**	**1,027,975**	**2,352,470.0**	**18,746,305**	**6.27**	**8.19**
58. SYSTEM TOTAL	**6,499**	**1,534,740**	**31.7**	**64.3**	**86.0**	**6,691**	**-**	**-**	**-**	**10,268,720.0**	**79,230,308**	**5.16**	**-**

LEGEND:
B.B. = BIG BEND
CC = COMBINED CYCLE
CT = COMBUSTION TURBINE
ST = STEAM TURBINE

[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] AC rating
[4] In Simple Cycle Mode

TAMPA ELECTRIC COMPANY **SCHEDULE E5**
SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS
ACTUAL FOR THE PERIOD: JANUARY 2022 THROUGH JUNE 2022

	ACTUAL					
	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
HEAVY OIL						
1. PURCHASES:						
2. UNITS (BBL)	0	0	0	0	0	0
3. UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
4. AMOUNT ($)	0	0	0	0	0	0
5. BURNED:						
6. UNITS (BBL)	0	0	0	0	0	0
7. UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
8. AMOUNT ($)	0	0	0	0	0	0
9. ENDING INVENTORY:						
10. UNITS (BBL)	0	0	0	0	0	0
11. UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
12. AMOUNT ($)	0	0	0	0	0	0
13. DAYS SUPPLY:	0	0	0	0	0	0
LIGHT OIL						
14. PURCHASES:						
15. UNITS (BBL)	0	0	11,172	0	1,771	0
16. UNIT COST ($/BBL)	0.00	0.00	143.52	0.00	184.66	0.00
17. AMOUNT ($)	18,029	0	1,603,370	0	327,038	0
18. BURNED:						
19. UNITS (BBL)	554	5,774	8,162	1,778	129	297
20. UNIT COST ($/BBL)	132.06	134.56	136.34	136.64	166.46	138.61
21. AMOUNT ($)	73,162	776,958	1,112,837	242,938	21,473	41,168
22. ENDING INVENTORY:						
23. UNITS (BBL)	43,680	37,906	40,916	39,138	40,780	40,483
24. UNIT COST ($/BBL)	134.57	134.57	136.66	136.66	138.65	138.65
25. AMOUNT ($)	5,877,931	5,100,973	5,591,506	5,348,568	5,654,133	5,612,965
26. DAYS SUPPLY: NORMAL	1,997	1,733	1,871	1,790	1,865	1,851
27. DAYS SUPPLY: EMERGENCY	6	5	6	6	6	6
COAL						
28. PURCHASES:						
29. UNITS (TONS)	48,537	114,573	54,049	56,512	33,646	48,665
30. UNIT COST ($/TON)	64.88	53.21	89.58	66.42	66.23	73.53
31. AMOUNT ($)	3,149,171	6,096,067	4,841,974	3,753,570	2,228,482	3,578,226
32. BURNED:						
33. UNITS (TONS)	42,037	72,372	80,814	31,741	69,693	73,764
34. UNIT COST ($/TON)	63.80	62.61	82.09	65.02	65.18	58.77
35. AMOUNT ($)	2,681,858	4,530,876	6,634,174	2,063,664	4,542,253	4,335,404
36. ENDING INVENTORY:						
37. UNITS (TONS)	195,998	218,569	129,927	154,698	118,650	93,551
38. UNIT COST ($/TON)	62.11	60.35	63.90	64.98	65.85	76.21
39. AMOUNT ($)	12,172,599	13,190,316	8,302,105	10,052,089	7,813,258	7,129,274
40. DAYS SUPPLY:	91	114	66	71	48	37
NATURAL GAS						
41. PURCHASES:						
42. UNITS (MCF)	10,553,020	8,704,534	9,361,569	10,572,209	11,022,444	11,095,949
43. UNIT COST ($/MCF)	5.50	7.76	5.50	6.44	9.00	10.48
44. AMOUNT ($)	57,995,606	67,532,070	51,455,646	68,108,680	99,225,806	116,328,170
45. BURNED:						
46. UNITS (MCF)	10,665,999	8,635,987	9,316,347	10,617,408	10,974,677	11,115,452
47. UNIT COST ($/MCF)	5.49	7.24	6.00	6.43	8.99	10.45
48. AMOUNT ($)	58,547,481	62,486,850	55,885,237	68,281,026	98,688,431	116,102,856
49. ENDING INVENTORY:						
50. UNITS (MCF)	291,050	359,597	404,819	359,620	407,387	387,885
51. UNIT COST ($/MCF)	4.83	17.94	4.99	5.14	5.86	6.73
52. AMOUNT ($)	1,404,779	6,449,999	2,020,408	1,848,062	2,385,437	2,610,751
53. DAYS SUPPLY:	1	1	1	1	1	1
NUCLEAR						
54. BURNED:						
55. UNITS (MMBTU)	0	0	0	0	0	0
56. UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
57. AMOUNT ($)	0	0	0	0	0	0
OTHER						
58. PURCHASES:						
59. UNITS (MMBTU)	0	0	0	0	0	0
60. UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
61. AMOUNT ($)	0	0	0	0	0	0
62. BURNED:						
63. UNITS (MMBTU)	0	0	0	0	0	0
64. UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
65. AMOUNT ($)	0	0	0	0	0	0
66. ENDING INVENTORY:						
67. UNITS (MMBTU)	0	0	0	0	0	0
68. UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
69. AMOUNT ($)	0	0	0	0	0	0
70. DAYS SUPPLY:	0	0	0	0	0	0

NOTE: BEGINNING & ENDING INVENTORIES MAY NOT BALANCE BECAUSE OF THE FOLLOWING
(1) LIGHT OIL-IGNITION, OTHER USAGE, AND ANALYSIS (2) COAL-IGNITION, ADDITIVES, ANALYSIS, AND INVENTORY ADJUSTMENTS (3) GAS-IGNITION AND ADDITIVES

TAMPA ELECTRIC COMPANY **SCHEDULE E5**
SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS
ESTIMATED FOR THE PERIOD: JULY 2022 THROUGH DECEMBER 2022

	Estimated						
	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	TOTAL
HEAVY OIL							
1. PURCHASES:							
2. UNITS (BBL)	0	0	0	0	0	0	0
3. UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4. AMOUNT ($)	0	0	0	0	0	0	0
5. BURNED:							
6. UNITS (BBL)	0	0	0	0	0	0	0
7. UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8. AMOUNT ($)	0	0	0	0	0	0	0
9. ENDING INVENTORY:							
10. UNITS (BBL)	0	0	0	0	0	0	0
11. UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. AMOUNT ($)	0	0	0	0	0	0	0
13. DAYS SUPPLY:	0	0	0	0	0	0	-
LIGHT OIL							
14. PURCHASES:							
15. UNITS (BBL)	665	665	665	665	665	665	16,933
16. UNIT COST ($/BBL)	187.09	177.15	173.81	170.70	167.58	164.53	155.94
17. AMOUNT ($)	124,417	117,806	115,583	113,514	111,440	109,410	2,640,607
18. BURNED:							
19. UNITS (BBL)	665	665	665	665	665	665	20,684
20. UNIT COST ($/BBL)	139.47	140.08	140.62	141.11	141.54	141.91	136.83
21. AMOUNT ($)	92,746	93,151	93,514	93,837	94,122	94,369	2,830,275
22. ENDING INVENTORY:							
23. UNITS (BBL)	40,483	40,483	40,483	40,483	40,483	40,483	40,483
24. UNIT COST ($/BBL)	139.43	140.04	140.59	141.07	141.50	141.87	141.87
25. AMOUNT ($)	5,644,636	5,669,290	5,691,360	5,711,037	5,728,356	5,743,397	5,743,397
26. DAYS SUPPLY: NORMAL	1,851	1,851	1,851	1,851	1,851	1,851	-
27. DAYS SUPPLY: EMERGENCY	6	6	6	6	6	6	
COAL							
28. PURCHASES:							
29. UNITS (TONS)	58,000	70,500	83,000	70,500	58,000	70,500	766,482
30. UNIT COST ($/TON)	61.43	63.37	64.72	63.41	61.43	63.41	64.65
31. AMOUNT ($)	3,562,748	4,467,345	5,371,941	4,470,390	3,562,748	4,470,390	49,553,052
32. BURNED:							
33. UNITS (TONS)	42,120	52,940	48,800	51,520	21,350	24,410	611,561
34. UNIT COST ($/TON)	71.71	69.61	66.72	66.07	63.24	65.52	67.21
35. AMOUNT ($)	3,020,445	3,685,075	3,256,074	3,403,776	1,350,093	1,599,289	41,102,981
36. ENDING INVENTORY:							
37. UNITS (TONS)	109,431	126,991	161,191	180,171	216,821	262,911	262,911
38. UNIT COST ($/TON)	70.26	67.16	66.16	65.23	64.45	64.11	64.11
39. AMOUNT ($)	7,689,055	8,528,293	10,664,410	11,752,403	13,973,917	16,855,147	16,855,147
40. DAYS SUPPLY:	70	76	121	170	291	376	-
NATURAL GAS							
41. PURCHASES:							
42. UNITS (MCF)	11,393,286	11,579,965	10,910,775	11,693,765	9,774,415	9,465,265	126,127,196
43. UNIT COST ($/MCF)	8.80	8.74	8.28	7.83	7.96	8.20	7.92
44. AMOUNT ($)	100,265,962	101,184,107	90,387,186	91,546,030	77,841,530	77,587,850	999,458,643
45. BURNED:							
46. UNITS (MCF)	11,392,065	11,579,965	10,910,775	11,693,765	9,774,415	9,465,265	126,142,120
47. UNIT COST ($/MCF)	8.80	8.77	8.29	7.83	7.96	8.19	7.92
48. AMOUNT ($)	100,256,313	101,532,506	90,399,186	91,542,429	77,798,570	77,536,650	999,057,535
49. ENDING INVENTORY:							
50. UNITS (MCF)	389,106	389,106	389,106	389,106	389,106	389,106	389,106
51. UNIT COST ($/MCF)	6.73	5.84	5.81	5.82	5.93	6.06	6.06
52. AMOUNT ($)	2,620,400	2,272,001	2,260,000	2,263,600	2,306,560	2,357,760	2,357,760
53. DAYS SUPPLY:	1	1	1	1	1	1	-
NUCLEAR							
54. BURNED:							
55. UNITS (MMBTU)	0	0	0	0	0	0	0
56. UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57. AMOUNT ($)	0	0	0	0	0	0	0
OTHER							
58. PURCHASES:							
59. UNITS (MMBTU)	0	0	0	0	0	0	0
60. UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61. AMOUNT ($)	0	0	0	0	0	0	0
62. BURNED:							
63. UNITS (MMBTU)	0	0	0	0	0	0	0
64. UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65. AMOUNT ($)	0	0	0	0	0	0	0
66. ENDING INVENTORY:							
67. UNITS (MMBTU)	0	0	0	0	0	0	0
68. UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
69. AMOUNT ($)	0	0	0	0	0	0	0
70. DAYS SUPPLY:	0	0	0	0	0	0	

NOTE: BEGINNING & ENDING INVENTORIES MAY NOT BALANCE BECAUSE OF THE FOLLOWING
(1) LIGHT OIL-IGNITION AND ANALYSIS (2) COAL-IGNITION, ADDITIVES, ANALYSIS, AND INVENTORY ADJUSTMENTS (3) GAS-IGNITION

TAMPA ELECTRIC COMPANY **SCHEDULE E6**
POWER SOLD
ACTUAL FOR THE PERIOD: JANUARY 2022 THROUGH JUNE 2022

(1)	(2)		(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
					MWH		CENTS/KWH				
			TYPE	TOTAL	WHEELED	MWH	(A)	(B)	TOTAL $		GAINS ON
			&	MWH	FROM	FROM OWN	FUEL	TOTAL	FOR FUEL	TOTAL	MARKET
MONTH	SOLD TO		SCHEDULE	SOLD	OTHER SYSTEMS	GENERATION	COST	COST	ADJUSTMENT	COST	BASED SALES
ACTUAL											
Jan-22	SEMINOLE	JURISD.	SCH. - D	4,050.0	0.0	4,050.0	3.099	3.409	125,525.72	138,078.29	10,471.04
	VARIOUS	JURISD.	SCH. - MA	44,652.0	0.0	44,652.0	3.175	5.304	1,417,717.29	2,368,457.77	841,326.51
	TOTAL			**48,702.0**	**0.0**	**48,702.0**	**3.169**	**5.147**	**1,543,243.01**	**2,506,536.06**	**851,797.55**
ACTUAL											
Feb-22	SEMINOLE	JURISD.	SCH. - D	4,439.0	0.0	4,439.0	3.119	3.430	138,433.20	152,276.52	11,693.74
	VARIOUS	JURISD.	SCH. - MA	13,461.0	0.0	13,461.0	3.879	4.776	522,208.31	642,883.11	87,261.83
	TOTAL			**17,900.0**	**0.0**	**17,900.0**	**3.691**	**4.442**	**660,641.51**	**795,159.63**	**98,955.57**
ACTUAL											
Mar-22	SEMINOLE	JURISD.	SCH. - D	3,889.0	0.0	3,889.0	2.982	3.280	115,964.60	127,561.06	9,752.47
	VARIOUS	JURISD.	SCH. - MA	13,997.0	0.0	13,997.0	3.338	4.927	467,177.08	689,579.70	193,084.33
	TOTAL			**17,886.0**	**0.0**	**17,886.0**	**3.260**	**4.569**	**583,141.68**	**817,140.76**	**202,836.80**
ACTUAL											
Apr-22	SEMINOLE	JURISD.	SCH. - D	2,772.0	0.0	2,772.0	3.997	4.397	110,804.46	121,884.91	10,186.43
	VARIOUS	JURISD.	SCH. - MA	20,725.0	0.0	20,725.0	4.860	6.073	1,007,248.75	1,258,684.06	199,542.06
	TOTAL			**23,497.0**	**0.0**	**23,497.0**	**4.758**	**5.876**	**1,118,053.21**	**1,380,568.97**	**209,728.49**
ACTUAL											
May-22	SEMINOLE	JURISD.	SCH. - D	3,462.0	0.0	3,462.0	4.612	5.074	159,679.23	175,647.15	14,668.32
	VARIOUS	JURISD.	SCH. - MA	57,706.0	0.0	57,706.0	6.986	10.487	4,031,131.43	6,051,480.19	1,908,868.68
	TOTAL			**61,168.0**	**0.0**	**61,168.0**	**6.851**	**10.180**	**4,190,810.66**	**6,227,127.34**	**1,923,537.00**
ACTUAL											
Jun-22	SEMINOLE	JURISD.	SCH. - D	2,874.0	0.0	2,874.0	5.279	5.807	151,727.19	166,899.91	14,285.00
	VARIOUS	JURISD.	SCH. - MA	62,224.0	0.0	62,224.0	6.854	11.180	4,265,038.87	6,956,494.97	2,553,029.08
	TOTAL			**65,098.0**	**0.0**	**65,098.0**	**6.785**	**10.943**	**4,416,766.06**	**7,123,394.88**	**2,567,314.08**

TAMPA ELECTRIC COMPANY **SCHEDULE E6**
POWER SOLD
ESTIMATED FOR THE PERIOD: JULY 2022 THROUGH DECEMBER 2022

(1)	(2)		(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
					MWH		CENTS/KWH				
			TYPE	TOTAL	WHEELED FROM	MWH	(A)	(B)	TOTAL $		GAINS ON
			&	MWH	OTHER	FROM OWN	FUEL	TOTAL	FOR FUEL	TOTAL	MARKET
MONTH	SOLD TO		SCHEDULE	SOLD	SYSTEMS	GENERATION	COST	COST	ADJUSTMENT	COST	BASED SALES
ESTIMATED											
Jul-22	SEMINOLE	JURISD.	SCH. - D	2,680.0	0.0	2,680.0	5.404	5.882	144,840.00	157,633.00	12,793.00
	VARIOUS	JURISD.	SCH. - MA	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			**2,680.0**	**0.0**	**2,680.0**	**5.404**	**5.882**	**144,840.00**	**157,633.00**	**12,793.00**
ESTIMATED											
Aug-22	SEMINOLE	JURISD.	SCH. - D	2,910.0	0.0	2,910.0	5.320	5.795	154,820.00	168,621.00	13,801.00
	VARIOUS	JURISD.	SCH. - MA	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			**2,910.0**	**0.0**	**2,910.0**	**5.320**	**5.795**	**154,820.00**	**168,621.00**	**13,801.00**
ESTIMATED											
Sep-22	SEMINOLE	JURISD.	SCH. - D	3,810.0	0.0	3,810.0	5.164	5.629	196,760.00	214,452.00	17,692.00
	VARIOUS	JURISD.	SCH. - MA	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			**3,810.0**	**0.0**	**3,810.0**	**5.164**	**5.629**	**196,760.00**	**214,452.00**	**17,692.00**
ESTIMATED											
Oct-22	SEMINOLE	JURISD.	SCH. - D	3,160.0	0.0	3,160.0	5.151	5.619	162,760.00	177,553.00	14,793.00
	VARIOUS	JURISD.	SCH. - MA	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			**3,160.0**	**0.0**	**3,160.0**	**5.151**	**5.619**	**162,760.00**	**177,553.00**	**14,793.00**
ESTIMATED											
Nov-22	SEMINOLE	JURISD.	SCH. - D	3,850.0	0.0	3,850.0	5.209	5.681	200,540.00	218,731.00	18,191.00
	VARIOUS	JURISD.	SCH. - MA	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			**3,850.0**	**0.0**	**3,850.0**	**5.209**	**5.681**	**200,540.00**	**218,731.00**	**18,191.00**
ESTIMATED											
Dec-22	SEMINOLE	JURISD.	SCH. - D	3,090.0	0.0	3,090.0	5.023	5.478	155,210.00	169,260.00	14,050.00
	VARIOUS	JURISD.	SCH. - MA	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			**3,090.0**	**0.0**	**3,090.0**	**5.023**	**5.478**	**155,210.00**	**169,260.00**	**14,050.00**
TOTAL											
Jan-22	SEMINOLE	JURISD.	SCH. - D	40,986.0	0.0	40,986.0	4.433	4.852	1,817,064.40	1,988,597.84	162,377.00
THRU	VARIOUS	JURISD.	SCH. - MA	212,765.0	0.0	212,765.0	5.504	8.445	11,710,521.73	17,967,579.80	5,783,112.49
Dec-22	**TOTAL**			**253,751.0**	**0.0**	**253,751.0**	**5.331**	**7.864**	**13,527,586.13**	**19,956,177.64**	**5,945,489.49**

TAMPA ELECTRIC COMPANY
PURCHASED POWER
(EXCLUSIVE OF ECONOMY AND QUALIFYING FACILITIES)
ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2022 THROUGH DECEMBER 2022

SCHEDULE E7

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
				MWH	MWH		CENTS/KWH		
MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	FOR OTHER UTILITIES	FOR INTERRUP-TIBLE	MWH FOR FIRM	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJUSTMENT
ACTUAL									
Jan-22									
	VARIOUS	SCH. - J	22,970.0	0.0	0.0	22,970.0	4.365	4.365	1,002,609.18
	VARIOUS	OATT	464.0	0.0	0.0	464.0	-0.170	-0.170	(787.57)
	TOTAL		**23,434.0**	**0.0**	**0.0**	**23,434.0**	**4.275**	**4.275**	**1,001,821.61**
ACTUAL									
Feb-22									
	VARIOUS	SCH. - J	0.0	0.0	0.0	0.0	0.000	0.000	243,719.42
	VARIOUS	OATT	408.0	0.0	0.0	408.0	3.093	3.093	12,618.85
	TOTAL		**408.0**	**0.0**	**0.0**	**408.0**	**62.828**	**62.828**	**256,338.27**
ACTUAL									
Mar-22									
	VARIOUS	SCH. - J	36,372.0	0.0	0.0	36,372.0	4.873	4.873	1,772,521.40
	VARIOUS	OATT	3.0	0.0	0.0	3.0	2.570	2.570	77.11
	TOTAL		**36,375.0**	**0.0**	**0.0**	**36,375.0**	**4.873**	**4.873**	**1,772,598.51**
ACTUAL									
Apr-22									
	VARIOUS	SCH. - J	3,605.0	0.0	0.0	3,605.0	7.465	7.465	269,125.00
	VARIOUS	OATT	173.0	0.0	0.0	173.0	4.144	4.144	7,169.42
	TOTAL		**3,778.0**	**0.0**	**0.0**	**3,778.0**	**7.313**	**7.313**	**276,294.42**
ACTUAL									
May-22									
	VARIOUS	SCH. - J	14,425.0	0.0	0.0	14,425.0	8.046	8.046	1,160,679.30
	VARIOUS	OATT	1,079.0	0.0	0.0	1,079.0	5.545	5.545	59,832.75
	TOTAL		**15,504.0**	**0.0**	**0.0**	**15,504.0**	**7.872**	**7.872**	**1,220,512.05**
ACTUAL									
Jun-22									
	VARIOUS	SCH. - J	21,629.0	0.0	0.0	21,629.0	7.964	7.964	1,722,591.50
	VARIOUS	OATT	453.0	0.0	0.0	453.0	2.460	2.460	11,145.29
	TOTAL		**22,082.0**	**0.0**	**0.0**	**22,082.0**	**7.851**	**7.851**	**1,733,736.79**
ESTIMATED									
Jul-22									
	VARIOUS	SCH. - J	271,160.0	0.0	0.0	271,160.0	5.853	5.853	15,872,010.00
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		**271,160.0**	**0.0**	**0.0**	**271,160.0**	**5.853**	**5.853**	**15,872,010.00**
ESTIMATED									
Aug-22									
	VARIOUS	SCH. - J	271,160.0	0.0	0.0	271,160.0	5.864	5.864	15,900,560.00
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		**271,160.0**	**0.0**	**0.0**	**271,160.0**	**5.864**	**5.864**	**15,900,560.00**
ESTIMATED									
Sep-22									
	VARIOUS	SCH. - J	262,410.0	0.0	0.0	262,410.0	5.407	5.407	14,188,480.00
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		**262,410.0**	**0.0**	**0.0**	**262,410.0**	**5.407**	**5.407**	**14,188,480.00**
ESTIMATED									
Oct-22									
	VARIOUS	SCH. - J	65,100.0	0.0	0.0	65,100.0	5.444	5.444	3,544,040.00
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		**65,100.0**	**0.0**	**0.0**	**65,100.0**	**5.444**	**5.444**	**3,544,040.00**
ESTIMATED									
Nov-22									
	VARIOUS	SCH. - J	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		**0.0**	**0.0**	**0.0**	**0.0**	**0.000**	**0.000**	**0.00**
ESTIMATED									
Dec-22									
	VARIOUS	SCH. - J	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		**0.0**	**0.0**	**0.0**	**0.0**	**0.000**	**0.000**	**0.00**
TOTAL									
Jan-22	VARIOUS	SCH. - J	968,831.0	0.0	0.0	968,831.0	5.747	5.747	55,676,335.80
THRU	VARIOUS	OATT	2,580.0	0.0	0.0	2,580.0	3.491	3.491	90,055.85
Dec-22	**TOTAL**		**971,411.0**	**0.0**	**0.0**	**971,411.0**	**5.741**	**5.741**	**55,766,391.65**

TAMPA ELECTRIC COMPANY **SCHEDULE E8**
ENERGY PAYMENT TO QUALIFYING FACILITIES
ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
				MWH			CENTS/KWH		
MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	FOR OTHER UTILITIES	MWH FOR INTERRUPTIBLE	MWH FOR FIRM	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJUSTMENT
ACTUAL	VARIOUS	CO-GEN.							
Jan-22		NET METERING	8.1	0.0	0.0	8.1	1.814	1.814	146.24
		AS AVAIL.	3,796.0	0.0	0.0	3,796.0	2.763	2.763	104,894.96
	TOTAL		**3,804.1**	**0.0**	**0.0**	**3,804.1**	**2.761**	**2.761**	**105,041.20**
ACTUAL	VARIOUS	CO-GEN.							
Feb-22		NET METERING	4,174.5	0.0	0.0	4,174.5	2.884	2.884	120,377.41
		AS AVAIL.	5,369.0	0.0	0.0	5,369.0	3.294	3.294	176,875.51
	TOTAL		**9,543.5**	**0.0**	**0.0**	**9,543.5**	**3.115**	**3.115**	**297,252.92**
ACTUAL	VARIOUS	CO-GEN.							
Mar-22		NET METERING	31.6	0.0	0.0	31.6	2.879	2.879	908.75
		AS AVAIL.	4,332.0	0.0	0.0	4,332.0	3.195	3.195	138,418.45
	TOTAL		**4,363.6**	**0.0**	**0.0**	**4,363.6**	**3.193**	**3.193**	**139,327.20**
ACTUAL	VARIOUS	CO-GEN.							
Apr-22		NET METERING	34.7	0.0	0.0	34.7	2.879	2.879	999.78
		AS AVAIL.	2,551.0	0.0	0.0	2,551.0	3.939	3.939	100,495.78
	TOTAL		**2,585.7**	**0.0**	**0.0**	**2,585.7**	**3.925**	**3.925**	**101,495.56**
ACTUAL	VARIOUS	CO-GEN.							
May-22		NET METERING	69.0	0.0	0.0	69.0	2.879	2.879	1,987.75
		AS AVAIL.	10,849.0	0.0	0.0	10,849.0	4.808	4.808	521,634.48
	TOTAL		**10,918.0**	**0.0**	**0.0**	**10,918.0**	**4.796**	**4.796**	**523,622.23**
ACTUAL	VARIOUS	CO-GEN.							
Jun-22		NET METERING	73.1	0.0	0.0	73.1	2.879	2.879	2,104.11
		AS AVAIL.	2,455.0	0.0	0.0	2,455.0	5.412	5.412	132,865.04
	TOTAL		**2,528.1**	**0.0**	**0.0**	**2,528.1**	**5.339**	**5.339**	**134,969.15**
ESTIMATED	VARIOUS	CO-GEN.							
Jul-22		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	5,060.0	0.0	0.0	5,060.0	4.071	4.071	206,010.00
	TOTAL		**5,060.0**	**0.0**	**0.0**	**5,060.0**	**4.071**	**4.071**	**206,010.00**
ESTIMATED	VARIOUS	CO-GEN.							
Aug-22		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	5,170.0	0.0	0.0	5,170.0	4.342	4.342	224,490.00
	TOTAL		**5,170.0**	**0.0**	**0.0**	**5,170.0**	**4.342**	**4.342**	**224,490.00**
ESTIMATED	VARIOUS	CO-GEN.							
Sep-22		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	5,170.0	0.0	0.0	5,170.0	4.237	4.237	219,050.00
	TOTAL		**5,170.0**	**0.0**	**0.0**	**5,170.0**	**4.237**	**4.237**	**219,050.00**
ESTIMATED	VARIOUS	CO-GEN.							
Oct-22		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	5,060.0	0.0	0.0	5,060.0	4.036	4.036	204,220.00
	TOTAL		**5,060.0**	**0.0**	**0.0**	**5,060.0**	**4.036**	**4.036**	**204,220.00**
ESTIMATED	VARIOUS	CO-GEN.							
Nov-22		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	4,860.0	0.0	0.0	4,860.0	3.520	3.520	171,070.00
	TOTAL		**4,860.0**	**0.0**	**0.0**	**4,860.0**	**3.520**	**3.520**	**171,070.00**
ESTIMATED	VARIOUS	CO-GEN.							
Dec-22		NET METERING	0.0	0.0	0.0	0.0	0.000	0.000	0.00
		AS AVAIL.	5,220.0	0.0	0.0	5,220.0	3.051	3.051	159,280.00
	TOTAL		**5,220.0**	**0.0**	**0.0**	**5,220.0**	**3.051**	**3.051**	**159,280.00**
TOTAL	VARIOUS	CO-GEN.							
Jan-22		NET METERING	4,391.0	0.0	0.0	4,391.0	2.881	2.881	126,524.04
THRU		AS AVAIL.	59,892.0	0.0	0.0	59,892.0	3.939	3.939	2,359,304.22
Dec-22	TOTAL		**64,283.0**	**0.0**	**0.0**	**64,283.0**	**3.867**	**3.867**	**2,485,828.26**

TAMPA ELECTRIC COMPANY **SCHEDULE E9**
ECONOMY ENERGY PURCHASES
ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2022 THROUGH DECEMBER 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		(10)
								COST IF GENERATED		
MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR INTERRUP-TIBLE	MWH FOR FIRM	TRANSACT. COST cents/KWH	TOTAL $ FOR FUEL ADJUSTMENT	(A) CENTS PER KWH	(B) DOLLARS	FUEL SAVINGS (9B)-(8)
ACTUAL	VARIOUS	SCH. - J	0.0	0.0	0.0	0.000	0.00	0.000	0.00	0.00
Jan-22	TOTAL		0.0	0.0	0.0	0.000	0.00	0.000	0.00	0.00
ACTUAL	VARIOUS	SCH. - J	0.0	0.0	0.0	0.000	0.00	0.000	0.00	0.00
Feb-22	TOTAL		0.0	0.0	0.0	0.000	0.00	0.000	0.00	0.00
ACTUAL	VARIOUS	SCH. - J	30,525.0	0.0	30,525.0	4.608	1,406,650.00	4.820	1,471,160.25	64,510.25
Mar-22	TOTAL		30,525.0	0.0	30,525.0	4.608	1,406,650.00	4.820	1,471,160.25	64,510.25
ACTUAL	VARIOUS	SCH. - J	6,608.0	0.0	6,608.0	7.689	508,120.00	12.106	799,933.38	291,813.38
Apr-22	TOTAL		6,608.0	0.0	6,608.0	7.689	508,120.00	12.106	799,933.38	291,813.38
ACTUAL	VARIOUS	SCH. - J	214,987.0	0.0	214,987.0	5.854	12,584,571.53	6.686	14,375,019.69	1,790,448.16
May-22	TOTAL		214,987.0	0.0	214,987.0	5.854	12,584,571.53	6.686	14,375,019.69	1,790,448.16
ACTUAL	VARIOUS	SCH. - J	246,967.0	0.0	246,967.0	5.970	14,745,105.61	5.995	14,805,084.00	59,978.39
Jun-22	TOTAL		246,967.0	0.0	246,967.0	5.970	14,745,105.61	5.995	14,805,084.00	59,978.39
ESTIMATED	VARIOUS	SCH. - J	0.0	0.0	0.0	0.000	2,720.00	0.000	623,860.00	621,140.00
Jul-22	TOTAL		0.0	0.0	0.0	0.000	2,720.00	0.000	623,860.00	621,140.00
ESTIMATED	VARIOUS	SCH. - J	730.0	0.0	730.0	16.389	119,640.00	202.525	1,478,430.00	1,358,790.00
Aug-22	TOTAL		730.0	0.0	730.0	16.389	119,640.00	202.525	1,478,430.00	1,358,790.00
ESTIMATED	VARIOUS	SCH. - J	390.0	0.0	390.0	15.190	59,240.00	334.608	1,304,970.00	1,245,730.00
Sep-22	TOTAL		390.0	0.0	390.0	15.190	59,240.00	334.608	1,304,970.00	1,245,730.00
ESTIMATED	VARIOUS	SCH. - J	7,700.0	0.0	7,700.0	11.489	884,660.00	65.394	5,035,350.00	4,150,690.00
Oct-22	TOTAL		7,700.0	0.0	7,700.0	11.489	884,660.00	65.394	5,035,350.00	4,150,690.00
ESTIMATED	VARIOUS	SCH. - J	2,960.0	0.0	2,960.0	8.496	251,470.00	111.449	3,298,890.00	3,047,420.00
Nov-22	TOTAL		2,960.0	0.0	2,960.0	8.496	251,470.00	111.449	3,298,890.00	3,047,420.00
ESTIMATED	VARIOUS	SCH. - J	1,010.0	0.0	1,010.0	10.460	105,650.00	91.269	921,820.00	816,170.00
Dec-22	TOTAL		1,010.0	0.0	1,010.0	10.460	105,650.00	91.269	921,820.00	816,170.00
TOTAL Jan-22 THRU	VARIOUS	SCH. - J	511,877.0	0.0	511,877.0	5.991	30,667,827.14	8.618	44,114,517.32	13,446,690.18
Dec-22	TOTAL		511,877.0	0.0	511,877.0	5.991	30,667,827.14	8.618	44,114,517.32	13,446,690.18

EXHIBIT TO THE TESTIMONY OF

M. ASHLEY SIZEMORE

DOCUMENT NO. 2

CAPACITY COST RECOVERY

ACTUAL / ESTIMATED

JANUARY 2022 THROUGH DECEMBER 2022

TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY
CALCULATION OF THE CURRENT (ACTUAL/ESTIMATED) PERIOD TRUE-UP
JANUARY 2022 THROUGH DECEMBER 2022

1. ESTIMATED OVER/(UNDER) RECOVERY January 2022 - December 2022 (6 months actual, 6 months estimated)	$2,397,141
2. PROJECTED OVER/UNDER-RECOVERY TRUE-UP INCLUDED IN APRIL - DECEMBER 2022 RATES	($1,603,886)
3. DIFFERENCE IN 2021 TRUE-UP AMOUNT PROJECTED IN MID-COURSE 2022 RATES AND AMOUNT COLLECTED IN 2022 ($39,496 under-recovery less ($6,294) collected January through March 2022)	($33,202)
4. ACTUAL-ESTIMATED 2022 OVER/(UNDER) RECOVERY (Line 1 - Line 2 + Line 3)	$3,967,826
5. FINAL TRUE-UP (January 2021 - December 2021) (Per True-Up filed April 1, 2022)	$ 0
6. TOTAL OVER/(UNDER) RECOVERY TO BE COLLECTED IN 2023 (Line 4 + Line 5) To be included in the 12-month projected period January 2023 through December 2023	$3,967,826

TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ACTUAL/ESTIMATED TRUE-UP AMOUNT
JANUARY 2022 THROUGH DECEMBER 2022

	Actual Jan-22	Actual Feb-22	Actual Mar-22	Actual Apr-22	Actual May-22	Actual Jun-22	Estimated Jul-22	Estimated Aug-22	Estimated Sep-22	Estimated Oct-22	Estimated Nov-22	Estimated Dec-22	Total
1 UNIT POWER CAPACITY CHARGES	1,106,713	905,149	303,648	72,676	915,888	1,061,669	706,062	706,062	706,062	353,031	0	0	6,836,960
2 CAPACITY PAYMENTS TO COGENERATORS	0	0	0	0	0	0	0	0	0	0	0	0	0
3 (UNIT POWER CAPACITY REVENUES)	(455,994)	(183,389)	(168,810)	(229,204)	(391,881)	(624,584)	(54,417)	(54,417)	(54,417)	(54,417)	(54,417)	(54,414)	(2,380,361)
4 TOTAL CAPACITY DOLLARS	650,719	721,760	134,838	(156,528)	524,007	437,085	651,645	651,645	651,645	298,614	(54,417)	(54,414)	4,456,599
5 SEPARATION FACTOR	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
6 JURISDICTIONAL CAPACITY DOLLARS	650,719	721,760	134,838	(156,528)	524,007	437,085	651,645	651,645	651,645	298,614	(54,417)	(54,414)	4,456,599
7 CAPACITY COST RECOVERY REVENUES (Net of Revenue Taxes)	384,825	374,563	384,313	687,072	768,307	873,213	886,360	885,650	900,092	840,672	701,043	662,649	8,348,759
8 PRIOR PERIOD TRUE-UP PROVISION	(2,098)	(2,098)	(2,098)	0	0	0	0	0	0	0	0	0	(6,294)
8a MID-COURSE TRUE-UP PROVISION	0	0	0	(178,210)	(178,210)	(178,210)	(178,210)	(178,210)	(178,210)	(178,210)	(178,210)	(178,206)	(1,603,886)
9 CAPACITY COST RECOVERY REVENUES APPLICABLE TO CURRENT PERIOD (Net of Revenue Taxes)	382,727	372,465	382,215	508,862	590,097	695,003	708,150	707,440	721,882	662,462	522,833	484,443	6,738,579
10 TRUE-UP PROVISION FOR MONTH OVER/(UNDER) RECOVERY (Line 9 - Line 6)	(267,992)	(349,295)	247,377	665,390	66,090	257,918	56,505	55,795	70,237	363,848	577,250	538,857	2,281,980
11 INTEREST PROVISION FOR MONTH	(16)	(70)	(133)	54	506	1,187	2,187	2,858	3,305	4,586	6,659	8,390	29,513
12 ADJ - SOBRA 3 TRUE-UP	0	85,648	0	0	0	0	0	0	0	0	0	0	85,648
13 TRUE-UP AND INT. PROVISION BEGINNING OF MONTH - OVER/(UNDER) RECOVERY	(39,496)	(305,406)	(567,025)	(317,683)	525,971	770,777	1,208,092	1,444,994	1,681,857	1,933,609	2,480,253	3,242,372	(39,496)
14 PRIOR PERIOD TRUE-UP PROVISION COLLECTED/(REFUNDED) THIS MONTH	2,098	2,098	2,098	178,210	178,210	178,210	178,210	178,210	178,210	178,210	178,210	178,206	1,610,180
15 END OF PERIOD TRUE-UP - OVER/(UNDER) RECOVERY (SUM OF LINES 10 - 14)	**(305,406)**	**(567,025)**	**(317,683)**	**525,971**	**770,777**	**1,208,092**	**1,444,994**	**1,681,857**	**1,933,609**	**2,480,253**	**3,242,372**	**3,967,826**	**3,967,826**

TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ACTUAL/ESTIMATED TRUE-UP AMOUNT
JANUARY 2022 THROUGH DECEMBER 2022

	Actual Jan-22	Actual Feb-22	Actual Mar-22	Actual Apr-22	Actual May-22	Actual Jun-22	Estimated Jul-22	Estimated Aug-22	Estimated Sep-22	Estimated Oct-22	Estimated Nov-22	Estimated Dec-22	Total
1 BEGINNING TRUE-UP AMOUNT	(39,496)	(305,406)	(567,025)	(317,683)	525,971	770,777	1,208,092	1,444,994	1,681,857	1,933,609	2,480,253	3,242,372	(39,496)
2 ENDING TRUE-UP AMOUNT BEFORE INTEREST	(305,390)	(566,955)	(317,550)	525,917	770,271	1,206,905	1,442,807	1,678,999	1,930,304	2,475,667	3,235,713	3,959,435	3,852,664
3 TOTAL BEGINNING & ENDING TRUE-UP AMT. (LINE 1 + LINE 2)	(344,887)	(872,362)	(884,576)	208,233	1,296,241	1,977,681	2,650,898	3,123,992	3,612,160	4,409,275	5,715,965	7,201,806	3,813,167
4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	(172,443)	(436,181)	(442,288)	104,117	648,121	988,841	1,325,449	1,561,996	1,806,080	2,204,638	2,857,983	3,600,903	1,906,584
5 INTEREST RATE % - 1ST DAY OF MONTH	0.080	0.140	0.240	0.490	0.760	1.120	1.760	2.200	2.200	2.200	2.800	2.800	NA
6 INTEREST RATE % - 1ST DAY OF NEXT MONTH	0.140	0.240	0.490	0.760	1.120	1.760	2.200	2.200	2.200	2.800	2.800	2.800	NA
7 TOTAL (LINE 5 + LINE 6)	0.220	0.380	0.730	1.250	1.880	2.880	3.960	4.400	4.400	5.000	5.600	5.600	NA
8 AVERAGE INTEREST RATE % (50% OF LINE 7)	0.110	0.190	0.365	0.625	0.940	1.440	1.980	2.200	2.200	2.500	2.800	2.800	NA
9 MONTHLY AVERAGE INTEREST RATE % (LINE 8/12)	0.009	0.016	0.030	0.052	0.078	0.120	0.165	0.183	0.183	0.208	0.233	0.233	NA
10 INTEREST PROVISION (LINE 4 X LINE 9)	(16)	(70)	(133)	54	506	1,187	2,187	2,858	3,305	4,586	6,659	8,390	29,513

REDACTED

TAMPA ELECTRIC COMPANY
CAPACITY COSTS
ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2022 THROUGH DECEMBER 2022

SCHEDULE E12

CONTRACT	TERM START	TERM END	CONTRACT TYPE
SEMINOLE ELECTRIC **	6/1/1992	----------	LT
DEF	12/1/2021	10/31/2022	ST
FMPA	1/1/2022	2/28/2022	ST

QF = QUALIFYING FACILITY
LT = LONG TERM
ST = SHORT-TERM
** THREE YEAR NOTICE REQUIRED FOR TERMINATION.

CONTRACT	ACT JANUARY MW	ACT FEBRUARY MW	ACT MARCH MW	ACT APRIL MW	ACT MAY MW	ACT JUNE MW	EST JULY MW	EST AUGUST MW	EST SEPTEMBER MW	EST OCTOBER MW	EST NOVEMBER MW	EST DECEMBER MW	
SEMINOLE ELECTRIC	12.5	12.9	12.6	11.4	11.8	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
DEF	360.0	360.0	360.0	360.0	360.0	360.0	0.0	0.0	0.0	0.0	0.0	0.0	
FMPA	50.0	50.0	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	0.0	
CAPACITY	**($)**	**($)**	**($)**	**($)**	**($)**	**($)**	**($)**	**($)**	**($)**	**($)**	**($)**	**($)**	**($)**
FLORIDA POWER & LIGHT	[redacted]												
DUKE ENERGY FLORIDA													
FMPA													
JACKSONVILLE ELECTRIC AUTHORITY													
SUBTOTAL CAPACITY PURCHASES													
SEMINOLE ELECTRIC - D													
CONSTELLATION ENERGY GENERATION - MA													
CITY OF TALLAHASSEE - MA													
DUKE ENERGY FLORIDA - MA													
FLORIDA POWER & LIGHT - MA													
ORLANDO UTILITIES - MA													
EXGEN - MA													
REEDY CREEK - MA													
THE ENERGY AUTHORITY - MA													
MACQUARIE ENERGY LLC - MA													
MORGAN STANLEY - MA													
SOUTHERN CO - MA													
EDF TRADING - MA													
SUBTOTAL CAPACITY SALES													
TOTAL PURCHASES AND (SALES)	**650,719**	**721,760**	**134,838**	**(156,528)**	**524,007**	**437,085**	**651,645**	**651,645**	**651,645**	**298,614**	**(54,417)**	**(54,414)**	**4,456,599**
TOTAL CAPACITY	**650,719**	**721,760**	**134,838**	**(156,528)**	**524,007**	**437,085**	**651,645**	**651,645**	**651,645**	**298,614**	**(54,417)**	**(54,414)**	**4,456,599**

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 33
PARTY: MAS-3
DESCRIPTION: Projected Capacity Cost Recovery January 2023- December 2023 Projected Fuel Cost Recovery January 2...

EXHIBIT TO THE TESTIMONY OF

M. ASHLEY SIZEMORE

DOCUMENT NO. 1

PROJECTED CAPACITY COST RECOVERY

JANUARY 2023 - DECEMBER 2023

AND

SCHEDULE E12

TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS
JANUARY 2023 THROUGH DECEMBER 2023
PROJECTED

RATE CLASS	(1) AVG 12 CP LOAD FACTOR AT METER (%)	(2) PROJECTED SALES AT METER (MWH)	(3) PROJECTED AVG 12 CP AT METER (MW)	(4) DEMAND LOSS EXPANSION FACTOR	(5) ENERGY LOSS EXPANSION FACTOR	(6) PROJECTED SALES AT GENERATION (MWH)	(7) PROJECTED AVG 12 CP AT GENERATION (MW)	(8) PERCENTAGE OF SALES AT GENERATION (%)	(9) PERCENTAGE OF DEMAND AT GENERATION (%)	(10) 12 CP & 1/13 AVG DEMAND FACTOR (%)
RS,RSVP	53.95%	9,986,591	2,113	1.07443	1.05243	10,510,207	2,271	50.16%	59.19%	58.49%
GS, CS	57.87%	912,160	180	1.07443	1.05241	959,970	193	4.58%	5.03%	5.00%
GSD Optional	3.96%	370,822	57	1.07347	1.05132	389,854	61	1.86%	1.59%	1.61%
GSD, SBD, RSD	70.93%	6,640,888	1,012	1.07347	1.05132	6,981,713	1,087	33.32%	28.33%	28.71%
GSLDPR/SBLDTPR	104.98%	1,256,480	137	1.04490	1.02631	1,289,536	143	6.15%	3.73%	3.92%
GSLDSU/SBLDTSU	102.86%	700,733	78	1.02670	1.01426	710,728	80	3.39%	2.08%	2.18%
LS1, LS2	879.82%	107,962	1	1.07443	1.05243	113,622	2	0.54%	0.05%	0.09%
TOTAL		19,975,636	3,578			20,955,630	3,837	100.00%	100.00%	100.00%

(1) AVG 12 CP load factor based on 2022 projected calendar data.
(2) Projected MWH sales for the period January 2023 thru December 2023.
(3) Based on 12 months average CP at meter.
(4) Based on 2022 projected demand losses.
(5) Based on 2022 projected energy losses.
(6) Col (2) * Col (5).
(7) Col (3) * Col (4).

(8) Based on 12 months average percentage of sales at generation.
(9) Based on 12 months average percentage of demand at generation.

(10) Col (8) * 0.0769 + Col (9) * 0.9231

DOCKET NO. 20220001-EI
EXHIBIT NO. MAS-3
DOCUMENT NO. 1, PAGE 1 OF 4

TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS
JANUARY 2023 THROUGH DECEMBER 2023
PROJECTED

		January	February	March	April	May	June	July	August	September	October	November	December	Total
1	UNIT POWER CAPACITY CHARGES	0	0	0	0	283,354	283,354	283,354	283,354	283,354	283,354	0	0	1,700,124
2	CAPACITY PAYMENTS TO COGENERATORS	0	0	0	0	0	0	0	0	0	0	0	0	0
3	(UNIT POWER CAPACITY REVENUES)	(71,105)	(71,105)	(71,105)	(71,105)	(71,105)	(71,105)	(71,105)	(71,105)	(71,105)	(71,105)	(71,105)	(71,107)	(853,262)
4	TOTAL CAPACITY DOLLARS	($71,105)	($71,105)	($71,105)	($71,105)	$212,249	$212,249	$212,249	$212,249	$212,249	$212,249	($71,105)	($71,107)	$846,862
5	SEPARATION FACTOR	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
6	JURISDICTIONAL CAPACITY DOLLARS	($71,105)	($71,105)	($71,105)	($71,105)	$212,249	$212,249	$212,249	$212,249	$212,249	$212,249	($71,105)	($71,107)	$846,862
7	ESTIMATED TRUE-UP FOR THE PERIOD ENDING DECEMBER 2022													(3,967,826)
8	TOTAL													($3,120,964)
9	REVENUE TAX FACTOR													1.00072
10	TOTAL RECOVERABLE CAPACITY DOLLARS													($3,123,211)

TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS
JANUARY 2023 THROUGH DECEMBER 2023
PROJECTED

RATE CLASS	(1) PERCENTAGE OF SALES AT GENERATION (%)	(2) PERCENTAGE OF DEMAND AT GENERATION (%)	(3) ENERGY RELATED COSTS ($)	(4) DEMAND RELATED COSTS ($)	(5) TOTAL CAPACITY COSTS ($)	(6) PROJECTED SALES AT METER (MWH)	(7) EFFECTIVE AT SECONDARY LEVEL (MWH)	(8) BILLING KW LOAD FACTOR (%)	(9) PROJECTED BILLED KW AT METER (kw)	(10) CAPACITY RECOVERY FACTOR ($/kw)	(11) CAPACITY RECOVERY FACTOR ($/kwh)
RS	50.16%	59.19%	(120,472)	(1,706,469)	(1,826,941)	9,986,591	9,986,591				-0.00018
GS, CS	4.58%	5.03%	(11,000)	(145,017)	(156,017)	912,160	912,160				-0.00017
GSD, RSD											
Secondary						6,338,665	6,338,665			-0.06	
Primary						300,573	297,567			-0.06	
Transmission						1,651	1,618			-0.06	
GSD, RSD - Standard	33.32%	28.33%	(80,026)	(816,764)	(896,790)	6,640,888	6,637,850	57.50%	15,814,264		
GSD - Optional	1.86%	1.59%	(4,467)	(45,840)	(50,307)						
Secondary						364,077	364,077				-0.00014
Primary						6,746	6,678				-0.00014
Transmission						0	0				-0.00014
GSLDPR/GSLDTPR SBLDPR/SBLDTPR	6.15%	3.73%	(14,771)	(107,537)	(122,308)	1,256,480	1,256,480	68.51%	2,512,434	-0.05	
GSLDSU/GSLDTSU SBLDSU/SBLDTSU	3.39%	2.08%	(8,142)	(59,967)	(68,109)	700,733	700,733	60.41%	1,588,948	-0.04	
LS1	0.54%	0.05%	(1,297)	(1,442)	(2,739)	107,962	107,962				-0.00003
TOTAL	100.00%	100.00%	(240,175)	(2,883,036)	(3,123,211)	19,975,636	19,972,529				-0.00016

(1) Obtained from page 1.
(2) Obtained from page 1.
(3) Total capacity costs * 0.0769 * Col (1).
(4) Total capacity costs * 0.9231 * Col (2).
(5) Col (3) + Col (4).
(6) Projected kWh sales for the period January 2023 through December 2023.
(7) Projected kWh sales at secondary for the period January 2023 through December 2023.
(8) Col 7 / (Col 9 * 730)*1000
(9) Projected kw demand for the period January 2023 through December 2023.
(10) Total Col (5) / Total Col (9).
(11) {Col (5) / Total Col (7)} / 1000.

REDACTED

TAMPA ELECTRIC COMPANY
CAPACITY COSTS
ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023

SCHEDULE E12

CONTRACT	TERM START	TERM END	CONTRACT TYPE
SEMINOLE ELECTRIC **	6/1/1992	----------	LT

QF = QUALIFYING FACILITY
LT = LONG TERM
ST = SHORT-TERM
** THREE YEAR NOTICE REQUIRED FOR TERMINATION.

CONTRACT	JANUARY MW	FEBRUARY MW	MARCH MW	APRIL MW	MAY MW	JUNE MW	JULY MW	AUGUST MW	SEPTEMBER MW	OCTOBER MW	NOVEMBER MW	DECEMBER MW	
SEMINOLE ELECTRIC	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
CAPACITY	**JANUARY ($)**	**FEBRUARY ($)**	**MARCH ($)**	**APRIL ($)**	**MAY ($)**	**JUNE ($)**	**JULY ($)**	**AUGUST ($)**	**SEPTEMBER ($)**	**OCTOBER ($)**	**NOVEMBER ($)**	**DECEMBER ($)**	**TOTAL ($)**
FLORIDA MUNICIPAL POWER AGENCY	[redacted]												
ORLANDO UTILITIES COMMISSION													
VARIOUS													
SUBTOTAL CAPACITY PURCHASES													
SEMINOLE ELECTRIC - D													
VARIOUS MARKET BASED													
SUBTOTAL CAPACITY SALES													
TOTAL PURCHASES AND (SALES)	(71,105)	(71,105)	(71,105)	(71,105)	212,249	212,249	212,249	212,249	212,249	212,249	(71,105)	(71,107)	846,862
TOTAL CAPACITY	**($71,105)**	**($71,105)**	**($71,105)**	**($71,105)**	**$212,249**	**$212,249**	**$212,249**	**$212,249**	**$212,249**	**$212,249**	**($71,105)**	**($71,107)**	**$846,862**

EXHIBIT TO THE TESTIMONY OF

M. ASHLEY SIZEMORE

DOCUMENT NO. 2

PROJECTED FUEL AND PURCHASED POWER COST RECOVERY

JANUARY 2023 - DECEMBER 2023

SCHEDULES E1 THROUGH E10
SCHEDULE H1

TAMPA ELECTRIC COMPANY

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PAGE NO.	DESCRIPTION	PERIOD
2	Schedule E1 Cost Recovery Clause Calculation	(JAN. 2023 - DEC. 2023)
3	Schedule E1-A Calculation of Total True-Up	(")
4	Schedule E1-C GPIF & True-Up Adj. Factors	(")
5	Schedule E1-D Fuel Adjustment Factor for TOD	(")
6	Schedule E1-E Fuel Recovery Factor-with Line Losses	(")
7	Schedule E2 Cost Recovery Clause Calculation (By Month)	(")
8-9	Schedule E3 Generating System Comparative Data	(")
10-33	Schedule E4 System Net Generation & Fuel Cost	(")
34-35	Schedule E5 Inventory Analysis	(")
36-37	Schedule E6 Power Sold	(")
38	Schedule E7 Purchased Power	(")
39	Schedule E8 Energy Payment to Qualifying Facilities	(")
40	Schedule E9 Economy Energy Purchases	(")
41	Schedule E10 Residential Bill Comparison	(")
42	Schedule H1 Generating System Comparative Data	(JAN. - DEC. 2020-2023)

TAMPA ELECTRIC COMPANY
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023

SCHEDULE E1

		DOLLARS	MWH	CENTS/KWH
1.	Fuel Cost of System Net Generation (E3)	953,714,571	20,958,980	4.55039
2.	Nuclear Fuel Disposal Cost	0	0	0.00000
3.	Coal Car Investment	0	0	0.00000
4a.	Adjustment	0	20,958,980 (1)	0.00000
4b.	Adjustment	0	0	0.00000
5.	**TOTAL COST OF GENERATED POWER (LINES 1 THROUGH 4b)**	**953,714,571**	**20,958,980**	**4.55039**
6.	Fuel Cost of Purchased Power - System (Exclusive of Economy)(E7)	18,870	190	9.93158
7.	Energy Cost of Economy Purchases (E9)	3,329,070	36,660	9.08093
8.	Demand and Non-Fuel Cost of Purchased Power	0	0	0.00000
9.	Energy Payments to Qualifying Facilities (E8)	1,787,820	64,970	2.75176
10.	**TOTAL COST OF PURCHASED POWER (LINES 6 THROUGH 9)**	**5,135,760**	**101,820**	**5.04396**
11.	**TOTAL AVAILABLE MWH (LINE 5 + LINE 10)**		**21,060,800**	
12.	Fuel Cost of Schedule D Sales - Jurisd. (E6)	1,937,530	40,120	4.82934
13.	Fuel Cost of Market Based Sales - Jurisd. (E6)	0	0	0.00000
14.	Gains on Sales	179,997	NA	NA
15.	**TOTAL FUEL COST AND GAINS OF POWER SALES**	**2,117,527**	**40,120**	**5.27798**
16.	Net Inadvertant Interchange		0	
17.	Wheeling Received Less Wheeling Delivered		0	
18.	Interchange and Wheeling Losses		1,372	
19.	**TOTAL FUEL AND NET POWER TRANSACTIONS (LINE 5+10-15+16+17-18)**	**956,732,804**	**21,019,308**	**4.55169**
20.	Net Unbilled	NA (1)(a)	NA (a)	NA
21.	Company Use	1,747,849 (1)	38,400	0.00876
22.	T & D Losses	46,765,269 (1)	1,027,426	0.23437
23.	System MWH Sales	956,732,804	19,953,481	4.79482
24.	Wholesale MWH Sales	0	0	0.00000
25.	Jurisdictional MWH Sales	956,732,804	19,953,481	4.79482
26.	Jurisdictional Loss Multiplier			1.00000
27.	Jurisdictional MWH Sales Adjusted for Line Loss	956,732,804	19,953,481	4.79482
28.	Optimization Mechanism(2)	4,819,866	19,953,481	0.02416
29.	True-up (2)	0	19,953,481	0.00000
30.	Total Jurisdictional Fuel Cost (Excl. GPIF)	961,552,670	19,953,481	4.81897
31.	Revenue Tax Factor			1.00072
32.	Fuel Factor (Excl. GPIF) Adjusted for Taxes	962,244,988	19,953,481	4.82244
33.	GPIF Adjusted for Taxes (2)	546,170	19,953,481	0.00274
34.	**Fuel Factor Adjusted for Taxes Including GPIF**	962,791,158	19,953,481	4.82518
35	**Fuel Factor Rounded to Nearest .001 cents per KWH**			**4.825**

(a) Data not available at this time.
(1) Included For Informational Purposes Only
(2) Calculation Based on Jurisdictional MWH Sales

TAMPA ELECTRIC COMPANY
CALCULATION OF PROJECTED PERIOD TOTAL TRUE-UP
FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023

SCHEDULE E1-A

1.	ESTIMATED OVER/(UNDER) RECOVERY (SCH. E1-B) January 2022 - December 2022 (6 months actual, 6 months estimated)	($437,178,107)
2.	PROJECTED OVER/UNDER-RECOVERY TRUE-UP INCLUDED IN APRIL - DECEMBER 2022 RATES (Per Mid-Course correction Schedule E1-C, line 1B)	($97,303,593)
3.	DIFFERENCE IN 2021 ESTIMATED TRUE-UP AMOUNT PROJECTED IN MID-COURSE 2022 RATES AND AMOUNT COLLECTED IN 2022 ($72,171,466 under-recovery less ($81,354) collected January through March 2022)	($72,090,112)
4.	ACTUAL-ESTIMATED 2022 OVER/(UNDER) RECOVERY (Line 1 - Line 2 + Line 3)	($411,964,625)
5.	FINAL TRUE-UP (January 2021 - December 2021) (Per True-Up filed April 1, 2022)	0
6.	TOTAL OVER/(UNDER) RECOVERY TO BE COLLECTED IN 2023 (Line 4 + Line 5) To be included in the 12-month projected period January 2023 through December 2023 (2023 Schedule E1, line 29)	$0
7.	JURISDICTIONAL MWH SALES (Projected January 2023 through December 2023)	19,953,481
8.	TRUE-UP FACTOR - cents/kWh (Using Effective MWh Sales of 19,923,795)	**0.0000**

TAMPA ELECTRIC COMPANY **SCHEDULE E1-C**
INCENTIVE FACTOR AND TRUE-UP FACTOR
FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023

1.	TOTAL AMOUNT OF ADJUSTMENTS		
	A. GENERATING PERFORMANCE INCENTIVE REWARD / (PENALTY) (January 2023 through December 2023)	$546,170	
	B. TRUE-UP OVER / (UNDER) RECOVERED (January 2023 through December 2023)	$0	
	C. OPTIMIZATION MECHANISM GAIN / (LOSS) (January 2023 through December 2023)	$4,819,866	
2.	TOTAL SALES (January 2023 through December 2023)	19,953,481	MWh
3.	ADJUSTMENT FACTORS		
	A. GENERATING PERFORMANCE INCENTIVE FACTOR (Using Effective MWh Sales of 19,923,795)	**0.0027**	Cents/kWh
	B. TRUE-UP FACTOR (Using Effective MWh Sales of 19,923,795)	**0.0000**	Cents/kWh
	C. OPTIMIZATION MECHANISM FACTOR (Using Effective MWh Sales of 19,923,795)	**0.0242**	Cents/kWh

DETERMINATION OF FUEL RECOVERY FACTOR
TIME OF USE RATE SCHEDULES
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023

SCHEDULE E1-D

				NET ENERGY FOR LOAD (%)	FUEL COST (%)
			ON PEAK	30.09	$38.30
			OFF PEAK	69.91	$34.63
				100.00	1.1060

			TOTAL	ON PEAK	OFF PEAK
1	Total Fuel & Net Power Trans (Jurisd)	(Sch E1 line 25)	$956,732,804		
2	MWH Sales (Jurisd)	(Sch E1 line 25)	19,953,481		
2a	Effective MWH Sales (Jurisd)		19,923,795		
3	Cost Per KWH Sold	(line 1 / line 2)	4.7948		
4	Jurisdictional Loss Factor		1.00000		
5	Jurisdictional Fuel Factor		NA		
6	True-Up	(Sch E1 line 29)	$0		
7	Optimization Mechanism	(Sch E1 line 28)	$4,819,866		
8	TOTAL	(line 1 x line 4) + line 6 + line 7	$961,552,670		
9	Revenue Tax Factor		1.00072		
10	Recovery Factor	(line 8 x line 9) / line 2a / 10	4.8296		
11	GPIF Factor	(Sch E1-C line 3A)	0.0027		
12	Recovery Factor Including GPIF	(line 10 + line 11)	4.8323	5.1793	4.683
13	Recovery Factor Rounded to the Nearest .001 cents/KWH		4.832	5.179	4.683

14	Hours: ON PEAK	25.59%	
15	OFF PEAK	74.41%	
		100.00%	

Jurisdictional Sales (MWH)

Metering Voltage:	Meter	Line Loss	Secondary
Distribution Secondary	17,687,299		17,687,299
Distribution Primary	1,563,798	0.99	1,548,160
Transmission	702,384	0.98	688,336
Total	19,953,481		19,923,795

	Standard	On-Peak	Off-Peak
Distribution Secondary	4.832	5.179	4.683
Distribution Primary	4.784	5.127	4.636
Transmission	4.735	5.075	4.589
RS 1st Tier	4.525		
RS 2nd Tier	5.525		
Lighting	4.767		

SCHEDULE E1-E

TAMPA ELECTRIC COMPANY
FUEL COST RECOVERY FACTORS
ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023

METERING VOLTAGE LEVEL	LEVELIZED FUEL RECOVERY FACTOR cents/kWh	FIRST TIER (Up to 1000 kWh) cents/kWh	SECOND TIER (OVER 1000 kWh) cents/kWh
STANDARD			
Distribution Secondary (RS only)		4.525	5.525
Distribution Secondary	4.832		
Distribution Primary	4.784		
Transmission	4.735		
Lighting Service [1]	4.767		
TIME-OF-USE			
Distribution Secondary - On-Peak	5.179		
Distribution Secondary - Off-Peak	4.683		
Distribution Primary - On-Peak	5.127		
Distribution Primary - Off-Peak	4.636		
Transmission - On-Peak	5.075		
Transmission - Off-Peak	4.589		

(1) Lighting service is based on distribution secondary, 17% on-peak and 83% off-peak

SCHEDULE E2

TAMPA ELECTRIC COMPANY
FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION
ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
						ESTIMATED							TOTAL
	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	PERIOD
1. Fuel Cost of System Net Generation	97,901,703	84,987,682	80,591,341	65,478,460	75,352,417	81,905,386	87,315,870	89,715,675	82,918,437	77,998,360	61,682,842	67,866,398	953,714,571
2. Nuclear Fuel Disposal	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Fuel Cost of Power Sold [1]	289,859	286,460	229,782	115,061	150,099	115,880	125,399	137,006	188,722	161,771	171,804	145,684	2,117,527
4. Fuel Cost of Purchased Power	5,080	0	0	0	0	0	0	0	0	0	0	13,790	18,870
5. Demand and Non-Fuel Cost of Purchased Power	0	0	0	0	0	0	0	0	0	0	0	0	0
6. Payments to Qualifying Facilities	183,860	162,520	144,580	132,170	152,920	141,350	164,850	138,020	146,150	141,890	130,070	149,440	1,787,820
7. Energy Cost of Economy Purchases	132,290	0	72,950	24,840	64,420	64,480	57,670	165,710	1,341,690	714,780	466,690	223,550	3,329,070
8. Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
9. Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
10. TOTAL FUEL & NET POWER TRANSACTIONS	**97,933,074**	**84,863,742**	**80,579,089**	**65,520,409**	**75,419,658**	**81,995,336**	**87,412,991**	**89,882,399**	**84,217,555**	**78,693,259**	**62,107,798**	**68,107,494**	**956,732,804**
11. Jurisdictional MWH Sold	1,512,552	1,387,952	1,366,922	1,449,850	1,618,094	1,857,135	1,952,000	1,957,588	2,008,757	1,845,885	1,550,632	1,446,115	19,953,481
12. Jurisdictional % of Total Sales	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
13. Jurisdictional Total Fuel & Net Power Transactions (Line 10 * Line 12)	97,933,074	84,863,742	80,579,089	65,520,409	75,419,658	81,995,336	87,412,991	89,882,399	84,217,555	78,693,259	62,107,798	68,107,494	956,732,804
14. Jurisdictional Loss Multiplier	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	
15. JURISD. TOTAL FUEL & NET PWR. TRANS. Adjusted for Line Losses (Line 13 * Line 14)	**97,933,074**	**84,863,742**	**80,579,089**	**65,520,409**	**75,419,658**	**81,995,336**	**87,412,991**	**89,882,399**	**84,217,555**	**78,693,259**	**62,107,798**	**68,107,494**	**956,732,804**
16. Cost Per kWh Sold (Cents/kWh)	6.4747	6.1143	5.8949	4.5191	4.6610	4.4152	4.4781	4.5915	4.1925	4.2632	4.0053	4.7097	4.7948
17. Optimization Mechanism (Cents/kWh)[2]	0.0242	0.0242	0.0242	0.0242	0.0242	0.0242	0.0242	0.0242	0.0242	0.0242	0.0242	0.0242	0.0242
18. True-up (Cents/kWh) [2]	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
19. Total (Cents/kWh) (Line 16+17+18)	6.4989	6.1385	5.9191	4.5433	4.6852	4.4394	4.5023	4.6157	4.2167	4.2874	4.0295	4.7339	4.8190
20. Revenue Tax Factor	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072
21. Recovery Factor Adjusted for Taxes (Cents/kWh) (Excluding GPIF)	6.5036	6.1429	5.9234	4.5466	4.6886	4.4426	4.5055	4.6190	4.2197	4.2905	4.0324	4.7373	4.8225
22. GPIF Adjusted for Taxes (Cents/kWh) [2]	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027
23. TOTAL RECOVERY FACTOR (LINE 21+22)	**6.5063**	**6.1456**	**5.9261**	**4.5493**	**4.6913**	**4.4453**	**4.5082**	**4.6217**	**4.2224**	**4.2932**	**4.0351**	**4.7400**	**4.8252**
24. RECOVERY FACTOR ROUNDED TO NEAREST 0.001 CENTS/KWH	**6.506**	**6.146**	**5.926**	**4.549**	**4.691**	**4.445**	**4.508**	**4.622**	**4.222**	**4.293**	**4.035**	**4.740**	**4.825**

[1] Includes Gains
[2] Based on Effective MWh Sales shown on Schedule E1-C

TAMPA ELECTRIC COMPANY **SCHEDULE E3**
GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH JUNE 2023

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23
FUEL COST OF SYSTEM NET GENERATION ($)						
1. HEAVY OIL	0	0	0	0	0	0
2. LIGHT OIL	94,382	94,428	94,473	94,517	94,561	94,604
3. COAL	7,572,646	2,332,840	3,095,472	0	0	2,688,592
4. NATURAL GAS	90,234,675	82,560,414	77,401,396	65,383,943	75,257,856	79,122,190
5. SOLAR	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0
7. TOTAL ($)	**97,901,703**	**84,987,682**	**80,591,341**	**65,478,460**	**75,352,417**	**81,905,386**
SYSTEM NET GENERATION (MWH)						
8. HEAVY OIL	0	0	0	0	0	0
9. LIGHT OIL	300	300	300	300	300	300
10. COAL	232,250	66,200	84,590	0	0	61,670
11. NATURAL GAS	1,166,980	1,159,580	1,239,020	1,343,100	1,605,430	1,700,360
12. SOLAR	144,810	162,350	199,140	249,240	275,250	236,210
13. OTHER	0	0	0	0	0	0
14. TOTAL (MWH)	**1,544,340**	**1,388,430**	**1,523,050**	**1,592,640**	**1,880,980**	**1,998,540**
UNITS OF FUEL BURNED						
15. HEAVY OIL (BBL)	0	0	0	0	0	0
16. LIGHT OIL (BBL)	665	665	665	665	665	665
17. COAL (TON)	107,170	30,760	39,630	0	0	31,490
18. NATURAL GAS (MCF)	8,078,345	7,825,885	8,544,725	9,028,365	10,775,735	11,452,675
19. SOLAR	0	0	0	0	0	0
20. OTHER	0	0	0	0	0	0
BTUS BURNED (MMBTU)						
21. HEAVY OIL	0	0	0	0	0	0
22. LIGHT OIL	3,900	3,900	3,900	3,900	3,900	3,900
23. COAL	2,411,430	691,990	891,780	0	0	708,510
24. NATURAL GAS	8,295,110	8,045,030	8,768,550	9,281,190	11,077,480	11,760,920
25. SOLAR	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0
27. TOTAL (MMBTU)	**10,710,440**	**8,740,920**	**9,664,230**	**9,285,090**	**11,081,380**	**12,473,330**
GENERATION MIX (% MWH)						
28. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00
29. LIGHT OIL	0.02	0.02	0.02	0.02	0.02	0.02
30. COAL	15.04	4.77	5.55	0.00	0.00	3.08
31. NATURAL GAS	75.56	83.52	81.35	84.33	85.35	85.08
32. SOLAR	9.38	11.69	13.08	15.65	14.63	11.82
33. OTHER	0.00	0.00	0.00	0.00	0.00	0.00
34. TOTAL (%)	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**
FUEL COST PER UNIT						
35. HEAVY OIL ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
36. LIGHT OIL ($/BBL)	141.93	142.00	142.06	142.13	142.20	142.26
37. COAL ($/TON)	70.66	75.84	78.11	0.00	0.00	85.38
38. NATURAL GAS ($/MCF)	11.17	10.55	9.06	7.24	6.98	6.91
39. SOLAR	0.00	0.00	0.00	0.00	0.00	0.00
40. OTHER	0.00	0.00	0.00	0.00	0.00	0.00
FUEL COST PER MMBTU ($/MMBTU)						
41. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00
42. LIGHT OIL	24.20	24.21	24.22	24.24	24.25	24.26
43. COAL	3.14	3.37	3.47	0.00	0.00	3.79
44. NATURAL GAS	10.88	10.26	8.83	7.04	6.79	6.73
45. SOLAR	0.00	0.00	0.00	0.00	0.00	0.00
46. OTHER	0.00	0.00	0.00	0.00	0.00	0.00
47. TOTAL ($/MMBTU)	**9.14**	**9.72**	**8.34**	**7.05**	**6.80**	**6.57**
BTU BURNED PER KWH (BTU/KWH)						
48. HEAVY OIL	0	0	0	0	0	0
49. LIGHT OIL	13,000	13,000	13,000	13,000	13,000	13,000
50. COAL	10,383	10,453	10,542	0	0	11,489
51. NATURAL GAS	7,108	6,938	7,077	6,910	6,900	6,917
52. SOLAR	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0
54. TOTAL (BTU/KWH)	**6,935**	**6,296**	**6,345**	**5,830**	**5,891**	**6,241**
GENERATED FUEL COST PER KWH (CENTS/KWH)						
55. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00
56. LIGHT OIL	31.46	31.48	31.49	31.51	31.52	31.53
57. COAL	3.26	3.52	3.66	0.00	0.00	4.36
58. NATURAL GAS	7.73	7.12	6.25	4.87	4.69	4.65
59. SOLAR	0.00	0.00	0.00	0.00	0.00	0.00
60. OTHER	0.00	0.00	0.00	0.00	0.00	0.00
61. TOTAL (CENTS/KWH)	**6.34**	**6.12**	**5.29**	**4.11**	**4.01**	**4.10**

TAMPA ELECTRIC COMPANY **SCHEDULE E3**
GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
ESTIMATED FOR THE PERIOD: JULY 2023 THROUGH DECEMBER 2023

		Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
FUEL COST OF SYSTEM NET GENERATION ($)								
1.	HEAVY OIL	0	0	0	0	0	0	0
2.	LIGHT OIL	94,646	94,676	94,691	94,693	94,683	94,663	1,135,017
3.	COAL	3,034,523	3,900,479	5,857,911	6,864,534	2,516,837	3,142,712	41,006,546
4.	NATURAL GAS	84,186,701	85,720,520	76,965,835	71,039,133	59,071,322	64,629,023	911,573,008
5.	SOLAR	0	0	0	0	0	0	0
6.	OTHER	0	0	0	0	0	0	0
7.	**TOTAL ($)**	**87,315,870**	**89,715,675**	**82,918,437**	**77,998,360**	**61,682,842**	**67,866,398**	**953,714,571**
SYSTEM NET GENERATION (MWH)								
8.	HEAVY OIL	0	0	0	0	0	0	0
9.	LIGHT OIL	300	300	300	300	300	300	3,600
10.	COAL	69,140	86,950	133,980	154,380	54,910	69,010	1,013,080
11.	NATURAL GAS	1,796,650	1,828,880	1,631,670	1,501,730	1,253,120	1,316,260	17,542,780
12.	SOLAR	229,700	222,010	191,890	190,960	147,780	150,180	2,399,520
13.	OTHER	0	0	0	0	0	0	0
14.	**TOTAL (MWH)**	**2,095,790**	**2,138,140**	**1,957,840**	**1,847,370**	**1,456,110**	**1,535,750**	**20,958,980**
UNITS OF FUEL BURNED								
15.	HEAVY OIL (BBL)	0	0	0	0	0	0	0
16.	LIGHT OIL (BBL)	665	665	665	665	665	665	7,980
17.	COAL (TON)	35,080	44,270	66,390	77,130	28,050	34,800	494,770
18.	NATURAL GAS (MCF)	12,118,035	12,354,675	11,012,615	10,022,165	8,353,255	8,848,985	118,415,460
19.	SOLAR	0	0	0	0	0	0	0
20.	OTHER	0	0	0	0	0	0	0
BTUS BURNED (MMBTU)								
21.	HEAVY OIL	0	0	0	0	0	0	0
22.	LIGHT OIL	3,900	3,900	3,900	3,900	3,900	3,900	46,800
23.	COAL	789,390	996,120	1,493,790	1,735,530	631,050	782,960	11,132,550
24.	NATURAL GAS	12,450,060	12,688,170	11,315,810	10,300,620	8,581,980	9,089,460	121,654,380
25.	SOLAR	0	0	0	0	0	0	0
26.	OTHER	0	0	0	0	0	0	0
27.	**TOTAL (MMBTU)**	**13,243,350**	**13,688,190**	**12,813,500**	**12,040,050**	**9,216,930**	**9,876,320**	**132,833,730**
GENERATION MIX (% MWH)								
28.	HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29.	LIGHT OIL	0.01	0.01	0.02	0.02	0.02	0.02	0.02
30.	COAL	3.30	4.07	6.84	8.35	3.77	4.49	4.83
31.	NATURAL GAS	85.73	85.54	83.34	81.29	86.06	85.71	83.70
32.	SOLAR	10.96	10.38	9.80	10.34	10.15	9.78	11.45
33.	OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34.	**TOTAL (%)**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**
FUEL COST PER UNIT								
35.	HEAVY OIL ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36.	LIGHT OIL ($/BBL)	142.32	142.37	142.39	142.40	142.38	142.35	142.23
37.	COAL ($/TON)	86.50	88.11	88.23	89.00	89.73	90.31	82.88
38.	NATURAL GAS ($/MCF)	6.95	6.94	6.99	7.09	7.07	7.30	7.70
39.	SOLAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40.	OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL COST PER MMBTU ($/MMBTU)								
41.	HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42.	LIGHT OIL	24.27	24.28	24.28	24.28	24.28	24.27	24.25
43.	COAL	3.84	3.92	3.92	3.96	3.99	4.01	3.68
44.	NATURAL GAS	6.76	6.76	6.80	6.90	6.88	7.11	7.49
45.	SOLAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46.	OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47.	**TOTAL ($/MMBTU)**	**6.59**	**6.55**	**6.47**	**6.48**	**6.69**	**6.87**	**7.18**
BTU BURNED PER KWH (BTU/KWH)								
48.	HEAVY OIL	0	0	0	0	0	0	0
49.	LIGHT OIL	13,000	13,000	13,000	13,000	13,000	13,000	13,000
50.	COAL	11,417	11,456	11,149	11,242	11,492	11,346	10,989
51.	NATURAL GAS	6,930	6,938	6,935	6,859	6,848	6,906	6,935
52.	SOLAR	0	0	0	0	0	0	0
53.	OTHER	0	0	0	0	0	0	0
54.	**TOTAL (BTU/KWH)**	**6,319**	**6,402**	**6,545**	**6,517**	**6,330**	**6,431**	**6,338**
GENERATED FUEL COST PER KWH (CENTS/KWH)								
55.	HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
56.	LIGHT OIL	31.55	31.56	31.56	31.56	31.56	31.55	31.53
57.	COAL	4.39	4.49	4.37	4.45	4.58	4.55	4.05
58.	NATURAL GAS	4.69	4.69	4.72	4.73	4.71	4.91	5.20
59.	SOLAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.	OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61.	**TOTAL (CENTS/KWH)**	**4.17**	**4.20**	**4.24**	**4.22**	**4.24**	**4.42**	**4.55**

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: JANUARY 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
1. TIA SOLAR	1.6	270	22.7	-	22.7	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.7	190	1.3	-	1.3	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	2,850	273.6	-	273.6	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	9,740	18.7	-	18.7	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	10,080	18.3	-	18.3	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	12,230	22.1	-	22.1	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	8,340	18.4	-	18.4	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	7,640	18.6	-	18.6	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	5,410	19.4	-	19.4	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.3	6,440	17.6	-	17.6	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	11,420	20.5	-	20.5	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	12,170	22.0	-	22.0	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	8,560	19.2	-	19.2	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	3,570.0	15.3	-	15.3	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	6,200.0	11.2	-	11.2	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	8,450.0	20.9	-	20.9	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	8,450.0	15.3	-	15.3	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	6,270.0	59.3	-	59.3	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	6,970.0	17.0	-	17.0	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	70.0	1,590.0	3.1	-	3.1	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	7,970.0	17.6	-	17.6	-	SOLAR	-	-	-	-	-	-
22. FUTURE SOLAR	25.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
23. FUTURE SOLAR	60.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
24. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
25. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
26. SOLAR TOTAL [3]	**1321.5**	**144,810**	**14.7**	**-**	**14.7**	**-**	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
27. BIG BEND #1 CC TOTAL	**335**	**710,780**	**285.2**	**0.0**	**292.2**	**6,298**	**GAS**	**4,354,780**	**1,028,001**	**4,476,720.0**	**48,642,656**	**6.84**	**11.17**
28. BIG BEND #2 TOTAL	**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
29. B.B.#3 (GAS)	355	16,670	6.3	-	-	-	GAS	192,350	1,027,970	197,730.0	2,148,539	12.89	11.17
30. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
31. BIG BEND #3 TOTAL	**355**	**16,670**	**6.3**	**82.1**	**7.0**	**11,861**		**-**	**-**	**197,730.0**	**2,148,539**	**12.89**	**-**
32. B.B.#4 (GAS)	420	40,980	13.1	-	-	-	GAS	413,950	1,028,023	425,550.0	4,623,799	11.28	11.17
33. B.B.#4 (COAL)	432	232,250	72.3	-	-	-	COAL	107,170	22,500,980	2,411,430.0	7,572,646	3.26	70.66
34. BIG BEND #4 TOTAL	**432**	**273,230**	**85.0**	**89.3**	**83.2**	**10,383**		**-**	**-**	**2,836,980.0**	**12,196,445**	**4.46**	**-**
35. B.B. IGNITION	-	-	-	-	-	-	GAS	9,190	1,028,292	9,450.0	102,652	-	11.17
36. B.B.C.T.#4 TOTAL	**61**	**30**	**0.1**	**98.3**	**24.6**	**19,667**	**GAS**	**570**	**1,035,088**	**590.0**	**6,367**	**21.22**	**11.17**
37. B.B.C.T.#5 TOTAL	**350**	**0**	**0.0**	**96.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
38. B.B.C.T.#6 TOTAL	**350**	**0**	**0.0**	**96.1**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
39. BIG BEND STATION TOTAL	**1,883**	**1,000,710**	**71.4**	**74.9**	**123.6**	**7,507**	**-**	**-**	**-**	**7,512,020.0**	**63,096,659**	**6.31**	**-**
40. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
41. POLK #1 CT (GAS)	220	10,950	6.7	-	77.8	8,942	GAS	95,250	1,027,927	97,910.0	1,063,937	9.72	11.17
42. POLK #1 TOTAL	**245**	**10,950**	**6.0**	**93.8**	**77.8**	**8,942**	**-**	**-**	**-**	**97,910.0**	**1,063,937**	**9.72**	**-**
43. POLK #2 ST DUCT FIRING	120	1,080	1.2	-	75.0	8,185	GAS	8,600	1,027,907	8,840.0	96,062	8.89	11.17
44. POLK #2 ST W/O DUCT FIRING	360	110,470	-	-	-	-		771,785	1,028,007	793,400.0	8,620,796	7.80	11.17
45. POLK #2 ST TOTAL	**480**	**111,550**	**31.2**	**-**	**70.6**	**7,192**	**GAS**	**-**	**-**	**802,240.0**	**8,716,858**	**7.81**	**-**
46. POLK #2 CT (GAS)	180	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
47. POLK #2 CT (OIL)	187	150	0.1	-	80.2	13,000	LGT OIL	333	5,855,856	1,950.0	47,262	31.51	141.93
48. POLK #2 TOTAL [4]	**180**	**150**	**0.1**	**-**	**80.2**	**13,000**	**-**	**-**	**-**	**1,950.0**	**47,262**	**31.51**	**-**
49. POLK #3 CT (GAS)	180	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
50. POLK #3 CT (OIL)	187	150	0.1	-	80.2	13,000	LGT OIL	332	5,873,494	1,950.0	47,120	31.41	141.93
51. POLK #3 TOTAL [4]	**180**	**150**	**0.1**	**-**	**80.2**	**13,000**	**-**	**-**	**-**	**1,950.0**	**47,120**	**31.41**	**-**

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: JANUARY 2023

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT		NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
52. POLK #4 CT (GAS) TOTAL	[4]	**180**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
53. POLK #5 CT (GAS) TOTAL	[4]	**180**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
54. POLK #2 CC TOTAL		**1,200**	**111,850**	**12.5**	**97.4**	**70.7**	**7,207**	**-**	**-**	**-**	**806,140.0**	**8,811,240**	**7.88**	**-**
55. POLK STATION TOTAL		**1,445**	**122,800**	**11.4**	**96.8**	**71.8**	**7,362**	**-**	**-**	**-**	**904,050.0**	**9,875,177**	**8.04**	**-**
56. BAYSIDE #1		792	159,320	27.0	96.6	28.0	7,843	GAS	1,215,490	1,027,997	1,249,520.0	13,576,957	8.52	11.17
57. BAYSIDE #2		1,047	115,800	14.9	97.3	15.5	8,923	GAS	1,005,120	1,027,997	1,033,260.0	11,227,136	9.70	11.17
58. BAYSIDE #3		61	200	0.4	98.6	65.6	12,900	GAS	2,500	1,032,000	2,580.0	27,925	13.96	11.17
59. BAYSIDE #4		61	150	0.3	98.6	61.5	13,200	GAS	1,930	1,025,907	1,980.0	21,558	14.37	11.17
60. BAYSIDE #5		61	290	0.6	98.6	67.9	12,966	GAS	3,660	1,027,322	3,760.0	40,882	14.10	11.17
61. BAYSIDE #6		61	260	0.6	98.6	71.0	12,577	GAS	3,170	1,031,546	3,270.0	35,409	13.62	11.17
62. BAYSIDE STATION TOTAL		**2,083**	**276,020**	**17.8**	**97.2**	**20.9**	**8,312**	**GAS**	**2,231,870**	**1,028,003**	**2,294,370.0**	**24,929,867**	**9.03**	**11.17**
63. SYSTEM TOTAL		**6,733**	**1,544,340**	**30.8**	**71.8**	**68.4**	**6,935**	**-**	**-**	**-**	**10,710,440.0**	**97,901,703**	**6.34**	**-**

LEGEND:
B.B. = BIG BEND
CC = COMBINED CYCLE
CT = COMBUSTION TURBINE
ST = STEAM TURBINE

[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] AC rating
[4] In Simple Cycle Mode

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: FEBRUARY 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
1. TIA SOLAR	1.6	260	24.2	-	24.2	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.7	190	1.4	-	1.4	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	3,030	322.1	-	322.1	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	11,240	23.9	-	23.9	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	11,670	23.4	-	23.4	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	13,030	26.1	-	26.1	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	9,270	22.7	-	22.7	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	8,480	22.9	-	22.9	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	5,780	23.0	-	23.0	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.3	7,430	22.4	-	22.4	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	12,050	24.0	-	24.0	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	12,870	25.8	-	25.8	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	9,880	24.6	-	24.6	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	4,130.0	19.6	-	19.6	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	7,160.0	14.3	-	14.3	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	9,770.0	26.7	-	26.7	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	9,770.0	19.6	-	19.6	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	7,240.0	75.9	-	75.9	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	8,050.0	21.8	-	21.8	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	70.0	1,840.0	3.9	-	3.9	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	9,210.0	22.5	-	22.5	-	SOLAR	-	-	-	-	-	-
22. FUTURE SOLAR	25.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
23. FUTURE SOLAR	60.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
24. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
25. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
26. SOLAR TOTAL [3]	**1321.5**	**162,350**	**18.3**	**-**	**18.3**	**-**	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
27. BIG BEND #1 CC TOTAL	**335**	**697,560**	**309.9**	**0.0**	**317.4**	**6,277**	**GAS**	**4,259,610**	**1,028,003**	**4,378,890.0**	**44,937,431**	**6.44**	**10.55**
28. BIG BEND #2 TOTAL	**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
29. B.B.#3 (GAS)	355	7,600	3.2	-	-	-	GAS	87,200	1,027,867	89,630.0	919,930	12.10	10.55
30. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
31. BIG BEND #3 TOTAL	**355**	**7,600**	**3.2**	**48.5**	**10.6**	**11,793**		**-**	**-**	**89,630.0**	**919,930**	**12.10**	**-**
32. B.B.#4 (GAS)	420	11,680	4.1	-	-	-	GAS	118,790	1,028,033	122,120.0	1,253,194	10.73	10.55
33. B.B.#4 (COAL)	432	66,200	22.8	-	-	-	COAL	30,760	22,496,424	691,990.0	2,332,840	3.52	75.84
34. BIG BEND #4 TOTAL	**432**	**77,880**	**26.8**	**89.3**	**74.5**	**10,453**		**-**	**-**	**814,110.0**	**3,586,034**	**4.60**	**-**
35. B.B. IGNITION	-	-	-	-	-	-	GAS	0	0	0.0	0	-	0.00
36. B.B.C.T.#4 TOTAL	**61**	**0**	**0.0**	**98.3**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
37. B.B.C.T.#5 TOTAL	**350**	**0**	**0.0**	**94.9**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
38. B.B.C.T.#6 TOTAL	**350**	**0**	**0.0**	**96.1**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
39. BIG BEND STATION TOTAL	**1,883**	**783,040**	**61.9**	**68.3**	**197.7**	**6,746**	**-**	**-**	**-**	**5,282,630.0**	**49,443,395**	**6.31**	**-**
40. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
41. POLK #1 CT (GAS)	220	5,320	3.6	-	75.6	8,977	GAS	46,450	1,028,202	47,760.0	490,032	9.21	10.55
42. POLK #1 TOTAL	**245**	**5,320**	**3.2**	**93.8**	**75.6**	**8,977**	**-**	**-**	**-**	**47,760.0**	**490,032**	**9.21**	**-**
43. POLK #2 ST DUCT FIRING	120	200	0.2	-	83.3	8,150	GAS	1,580	1,031,646	1,630.0	16,668	8.33	10.55
44. POLK #2 ST W/O DUCT FIRING	360	173,510	-	-	-	-		1,204,015	1,028,010	1,237,740.0	12,701,947	7.32	10.55
45. POLK #2 ST TOTAL	**480**	**173,710**	**53.9**	**-**	**80.4**	**7,135**	**GAS**	**-**	**-**	**1,239,370.0**	**12,718,615**	**7.32**	**-**
46. POLK #2 CT (GAS)	180	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
47. POLK #2 CT (OIL)	187	150	0.1	-	80.2	13,000	LGT OIL	333	5,855,856	1,950.0	47,285	31.52	142.00
48. POLK #2 TOTAL [4]	**180**	**150**	**0.1**	**-**	**80.2**	**13,000**	**-**	**-**	**-**	**1,950.0**	**47,285**	**31.52**	**-**
49. POLK #3 CT (GAS)	180	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
50. POLK #3 CT (OIL)	187	150	0.1	-	80.2	13,000	LGT OIL	332	5,873,494	1,950.0	47,143	31.43	142.00
51. POLK #3 TOTAL [4]	**180**	**150**	**0.1**	**-**	**80.2**	**13,000**	**-**	**-**	**-**	**1,950.0**	**47,143**	**31.43**	**-**

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: FEBRUARY 2023

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT		NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
52. POLK #4 CT (GAS) TOTAL	[4]	**180**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
53. POLK #5 CT (GAS) TOTAL	[4]	**180**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
54. POLK #2 CC TOTAL		**1,200**	**174,010**	**21.6**	**97.4**	**80.4**	**7,145**	**-**	**-**	**-**	**1,243,270.0**	**12,813,043**	**7.36**	**-**
55. POLK STATION TOTAL		**1,445**	**179,330**	**18.5**	**96.8**	**80.1**	**7,199**	**-**	**-**	**-**	**1,291,030.0**	**13,303,075**	**7.42**	**-**
56. BAYSIDE #1		792	161,970	30.4	96.6	31.5	7,737	GAS	1,219,000	1,027,990	1,253,120.0	12,860,034	7.94	10.55
57. BAYSIDE #2		1,047	101,660	14.4	97.3	15.1	8,982	GAS	888,280	1,027,998	913,150.0	9,371,050	9.22	10.55
58. BAYSIDE #3		61	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
59. BAYSIDE #4		61	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
60. BAYSIDE #5		61	40	0.1	98.6	65.6	12,250	GAS	480	1,020,833	490.0	5,064	12.66	10.55
61. BAYSIDE #6		61	40	0.1	98.6	65.6	12,500	GAS	480	1,041,667	500.0	5,064	12.66	10.55
62. BAYSIDE STATION TOTAL		**2,083**	**263,710**	**18.8**	**91.4**	**22.2**	**8,218**	**GAS**	**2,108,240**	**1,027,995**	**2,167,260.0**	**22,241,212**	**8.43**	**10.55**
63. SYSTEM TOTAL		**6,733**	**1,388,430**	**30.7**	**68.2**	**79.1**	**6,296**	**-**	**-**	**-**	**8,740,920.0**	**84,987,682**	**6.12**	**-**

LEGEND:
B.B. = BIG BEND
CC = COMBINED CYCLE
CT = COMBUSTION TURBINE
ST = STEAM TURBINE

[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] AC rating
[4] In Simple Cycle Mode

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: MARCH 2023

(A) PLANT/UNIT	(B) NET CAPA-BILITY (MW)	(C) NET GENERATION (MWH)	(D) NET CAPACITY FACTOR (%)	(E) EQUIV. AVAIL. FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG. NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)	(J) FUEL HEAT VALUE (BTU/UNIT)	(K) FUEL BURNED (MM BTU) [2]	(L) AS BURNED FUEL COST ($) [1]	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF FUEL ($/UNIT)
1. TIA SOLAR	1.6	330	27.8	-	27.8	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.7	250	1.7	-	1.7	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	4,040	388.4	-	388.4	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	13,210	25.4	-	25.4	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	13,700	24.9	-	24.9	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	17,210	31.2	-	31.2	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	11,010	24.3	-	24.3	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	10,080	24.6	-	24.6	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	8,240	29.7	-	29.7	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.3	8,740	23.9	-	23.9	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	16,390	29.5	-	29.5	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	17,290	31.3	-	31.3	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	11,700	26.3	-	26.3	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	4,830.0	20.7	-	20.7	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	8,380.0	15.2	-	15.2	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	11,430.0	28.3	-	28.3	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	11,430.0	20.7	-	20.7	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	8,480.0	80.4	-	80.4	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	9,440.0	23.1	-	23.1	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	70.0	2,160.0	4.2	-	4.2	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	10,800.0	23.8	-	23.8	-	SOLAR	-	-	-	-	-	-
22. FUTURE SOLAR	25.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
23. FUTURE SOLAR	60.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
24. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
25. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
26. SOLAR TOTAL [3]	**1321.5**	**199,140**	**20.3**	**-**	**20.3**	**-**	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
27. BIG BEND #1 CC TOTAL	**335**	**649,430**	**260.9**	**0.0**	**318.3**	**6,280**	**GAS**	**3,967,290**	**1,028,001**	**4,078,380.0**	**35,937,234**	**5.53**	**9.06**
28. BIG BEND #2 TOTAL	**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
29. B.B.#3 (GAS)	355	22,970	8.7	-	-	-	GAS	261,770	1,027,963	269,090.0	2,371,213	10.32	9.06
30. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
31. BIG BEND #3 TOTAL	**355**	**22,970**	**8.7**	**82.1**	**23.9**	**11,715**		**-**	**-**	**269,090.0**	**2,371,213**	**10.32**	**-**
32. B.B.#4 (GAS)	420	14,930	4.8	-	-	-	GAS	153,090	1,027,957	157,370.0	1,386,748	9.29	9.06
33. B.B.#4 (COAL)	432	84,590	26.4	-	-	-	COAL	39,630	22,502,650	891,780.0	3,095,472	3.66	78.11
34. BIG BEND #4 TOTAL	**432**	**99,520**	**31.0**	**72.0**	**59.2**	**10,542**		**-**	**-**	**1,049,150.0**	**4,482,220**	**4.50**	**-**
35. B.B. IGNITION	-	-	-	-	-	-	GAS	15,030	1,027,944	15,450.0	136,148	-	9.06
36. B.B.C.T.#4 TOTAL	**61**	**10**	**0.0**	**98.3**	**16.4**	**29,000**	**GAS**	**280**	**1,035,714**	**290.0**	**2,536**	**25.36**	**9.06**
37. B.B.C.T.#5 TOTAL	**350**	**0**	**0.0**	**96.9**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
38. B.B.C.T.#6 TOTAL	**350**	**0**	**0.0**	**96.1**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
39. BIG BEND STATION TOTAL	**1,883**	**771,930**	**55.2**	**71.0**	**164.8**	**6,991**	**-**	**-**	**-**	**5,396,910.0**	**42,929,351**	**5.56**	**-**
40. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
41. POLK #1 CT (GAS)	220	8,580	5.2	-	75.0	8,978	GAS	74,930	1,028,026	77,030.0	678,745	7.91	9.06
42. POLK #1 TOTAL	**245**	**8,580**	**4.7**	**93.8**	**75.0**	**8,978**	**-**	**-**	**-**	**77,030.0**	**678,745**	**7.91**	**-**
43. POLK #2 ST DUCT FIRING	120	180	0.2	-	50.0	8,167	GAS	1,430	1,027,972	1,470.0	12,953	7.20	9.06
44. POLK #2 ST W/O DUCT FIRING	360	168,020	-	-	-	-		1,164,485	1,028,008	1,197,100.0	10,548,352	6.28	9.06
45. POLK #2 ST TOTAL	**480**	**168,200**	**47.2**	**-**	**81.3**	**7,126**	**GAS**	**-**	**-**	**1,198,570.0**	**10,561,305**	**6.28**	**-**
46. POLK #2 CT (GAS)	180	0	0.0	-	0.0	0	GAS	0	0	0.0	(1)	0.00	0.00
47. POLK #2 CT (OIL)	187	150	0.1	-	80.2	13,000	LGT OIL	333	5,855,856	1,950.0	47,307	31.54	142.06
48. POLK #2 TOTAL [4]	**180**	**150**	**0.1**	**-**	**80.2**	**13,000**	**-**	**-**	**-**	**1,950.0**	**47,306**	**31.54**	**-**
49. POLK #3 CT (GAS)	180	1,650	1.2	-	76.4	11,164	GAS	17,910	1,028,476	18,420.0	162,236	9.83	9.06
50. POLK #3 CT (OIL)	187	150	0.1	-	80.2	13,000	LGT OIL	332	5,873,494	1,950.0	47,166	31.44	142.07
51. POLK #3 TOTAL [4]	**180**	**1,800**	**1.3**	**-**	**76.7**	**11,317**	**-**	**-**	**-**	**20,370.0**	**209,402**	**11.63**	**-**

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: MARCH 2023

(A) PLANT/UNIT	(B) NET CAPA-BILITY (MW)	(C) NET GENERATION (MWH)	(D) NET CAPACITY FACTOR (%)	(E) EQUIV. AVAIL. FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG. NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)	(J) FUEL HEAT VALUE (BTU/UNIT)	(K) FUEL BURNED (MM BTU) [2]	(L) AS BURNED FUEL COST ($) [1]	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF FUEL ($/UNIT)
52. POLK #4 CT (GAS) TOTAL [4]	**180**	**1,150**	**0.9**	**-**	**91.3**	**10,513**	**GAS**	**11,760**	**1,028,061**	**12,090.0**	**106,527**	**9.26**	**9.06**
53. POLK #5 CT (GAS) TOTAL [4]	**180**	**1,050**	**0.8**	**-**	**72.9**	**11,457**	**GAS**	**11,700**	**1,028,205**	**12,030.0**	**105,983**	**10.09**	**9.06**
54. POLK #2 CC TOTAL	**1,200**	**172,350**	**19.3**	**81.7**	**81.2**	**7,224**	**-**	**-**	**-**	**1,245,010.0**	**11,030,523**	**6.40**	**-**
55. POLK STATION TOTAL	**1,445**	**180,930**	**16.9**	**83.8**	**80.5**	**7,307**	**-**	**-**	**-**	**1,322,040.0**	**11,709,268**	**6.47**	**-**
56. BAYSIDE #1	792	225,500	38.3	96.6	39.6	7,562	GAS	1,658,700	1,028,004	1,705,150.0	15,025,141	6.66	9.06
57. BAYSIDE #2	1,047	145,510	18.7	97.3	19.5	8,515	GAS	1,205,230	1,027,995	1,238,970.0	10,917,437	7.50	9.06
58. BAYSIDE #3	61	10	0.0	79.5	16.4	29,000	GAS	280	1,035,714	290.0	2,536	25.36	9.06
59. BAYSIDE #4	61	10	0.0	98.6	16.4	29,000	GAS	280	1,035,714	290.0	2,536	25.36	9.06
60. BAYSIDE #5	61	10	0.0	98.6	16.4	29,000	GAS	280	1,035,714	290.0	2,536	25.36	9.06
61. BAYSIDE #6	61	10	0.0	98.6	16.4	29,000	GAS	280	1,035,714	290.0	2,536	25.36	9.06
62. BAYSIDE STATION TOTAL	**2,083**	**371,050**	**24.0**	**96.6**	**28.2**	**7,938**	**GAS**	**2,865,050**	**1,028,003**	**2,945,280.0**	**25,952,722**	**6.99**	**9.06**
63. SYSTEM TOTAL	**6,733**	**1,523,050**	**30.4**	**67.7**	**77.8**	**6,345**	**-**	**-**	**-**	**9,664,230.0**	**80,591,341**	**5.29**	**-**

LEGEND:
B.B. = BIG BEND
CC = COMBINED CYCLE
CT = COMBUSTION TURBINE
ST = STEAM TURBINE

[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] AC rating
[4] In Simple Cycle Mode

DOCKET NO. 20220001-EI
EXHIBIT NO. MAS-3
DOCUMENT NO. 2, PAGE 15 OF 42

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: APRIL 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
1. TIA SOLAR	1.6	320	27.8	-	27.8	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.7	300	2.1	-	2.1	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	4,600	456.3	-	456.3	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	17,260	34.2	-	34.2	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	17,990	33.7	-	33.7	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	19,470	36.4	-	36.4	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	14,490	33.0	-	33.0	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	13,220	33.3	-	33.3	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	9,170	34.1	-	34.1	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.3	11,510	32.4	-	32.4	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	18,640	34.7	-	34.7	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	19,540	36.5	-	36.5	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	14,780	34.3	-	34.3	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	6,350.0	28.1	-	28.1	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	11,010.0	20.6	-	20.6	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	15,030.0	38.4	-	38.4	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	15,030.0	28.1	-	28.1	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	11,140.0	109.0	-	109.0	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	12,390.0	31.3	-	31.3	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	70.0	2,830.0	5.6	-	5.6	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	14,170.0	32.3	-	32.3	-	SOLAR	-	-	-	-	-	-
22. FUTURE SOLAR	25.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
23. FUTURE SOLAR	60.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
24. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
25. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
26. SOLAR TOTAL [3]	**1321.5**	**249,240**	**26.2**	**-**	**26.2**	**-**	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
27. BIG BEND #1 CC TOTAL	**335**	**717,980**	**297.7**	**0.0**	**305.3**	**6,244**	**GAS**	**4,361,200**	**1,028,001**	**4,483,320.0**	**31,584,064**	**4.40**	**7.24**
28. BIG BEND #2 TOTAL	**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
29. B.B.#3 (GAS)	345	0	0.0	-	-	-	GAS	0	0	0.0	0	0.00	0.00
30. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
31. BIG BEND #3 TOTAL	**345**	**0**	**0.0**	**82.1**	**0.0**	**0**		**-**	**-**	**0.0**	**0**	**0.00**	**-**
32. B.B.#4 (GAS)	422	0	0.0	-	-	-	GAS	0	0	0.0	0	0.00	0.00
33. B.B.#4 (COAL)	410	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
34. BIG BEND #4 TOTAL	**410**	**0**	**0.0**	**65.5**	**0.0**	**0**		**-**	**-**	**0.0**	**0**	**0.00**	**-**
35. B.B. IGNITION	-	-	-	-	-	-	GAS	0	0	0.0	0	-	0.00
36. B.B.C.T.#4 TOTAL	**56**	**130**	**0.3**	**78.6**	**77.4**	**13,077**	**GAS**	**1,650**	**1,030,303**	**1,700.0**	**11,949**	**9.19**	**7.24**
37. B.B.C.T.#5 TOTAL	**330**	**0**	**0.0**	**95.9**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
38. B.B.C.T.#6 TOTAL	**330**	**0**	**0.0**	**96.1**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
39. BIG BEND STATION TOTAL	**1,806**	**718,110**	**55.2**	**68.1**	**305.1**	**6,246**	**-**	**-**	**-**	**4,485,020.0**	**31,596,013**	**4.40**	**-**
40. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
41. POLK #1 CT (GAS)	220	5,310	3.4	-	75.4	8,913	GAS	46,050	1,027,796	47,330.0	333,497	6.28	7.24
42. POLK #1 TOTAL	**245**	**5,310**	**3.0**	**93.8**	**75.4**	**8,913**	**-**	**-**	**-**	**47,330.0**	**333,497**	**6.28**	**-**
43. POLK #2 ST DUCT FIRING	120	450	0.5	-	53.6	8,267	GAS	3,620	1,027,624	3,720.0	26,216	5.83	7.24
44. POLK #2 ST W/O DUCT FIRING	360	314,780	-	-	-	-		2,159,685	1,028,006	2,220,170.0	15,640,564	4.97	7.24
45. POLK #2 ST TOTAL	**480**	**315,230**	**91.2**	**-**	**93.8**	**7,055**	**GAS**	**-**	**-**	**2,223,890.0**	**15,666,780**	**4.97**	**-**
46. POLK #2 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
47. POLK #2 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	333	5,855,856	1,950.0	47,330	31.55	142.13
48. POLK #2 TOTAL [4]	**150**	**150**	**0.1**	**-**	**94.3**	**13,000**	**-**	**-**	**-**	**1,950.0**	**47,330**	**31.55**	**-**
49. POLK #3 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
50. POLK #3 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	332	5,873,494	1,950.0	47,187	31.46	142.13
51. POLK #3 TOTAL [4]	**150**	**150**	**0.1**	**-**	**94.3**	**13,000**	**-**	**-**	**-**	**1,950.0**	**47,187**	**31.46**	**-**

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: APRIL 2023

(A) PLANT/UNIT	(B) NET CAPA-BILITY (MW)	(C) NET GENERATION (MWH)	(D) NET CAPACITY FACTOR (%)	(E) EQUIV. AVAIL. FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG. NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)	(J) FUEL HEAT VALUE (BTU/UNIT)	(K) FUEL BURNED (MM BTU) [2]	(L) AS BURNED FUEL COST ($) [1]	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF FUEL ($/UNIT)
52. POLK #4 CT (GAS) TOTAL [4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
53. POLK #5 CT (GAS) TOTAL [4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
54. POLK #2 CC TOTAL	**1,080**	**315,530**	**40.6**	**97.4**	**93.8**	**7,060**	**-**	**-**	**-**	**2,227,790.0**	**15,761,297**	**5.00**	**-**
55. POLK STATION TOTAL	**1,325**	**320,840**	**33.6**	**96.8**	**93.0**	**7,091**	**-**	**-**	**-**	**2,275,120.0**	**16,094,794**	**5.02**	**-**
56. BAYSIDE #1	720	184,300	35.6	96.6	36.8	7,817	GAS	1,401,460	1,027,999	1,440,700.0	10,149,455	5.51	7.24
57. BAYSIDE #2	954	119,810	17.4	51.9	18.2	9,015	GAS	1,050,640	1,028,002	1,080,060.0	7,608,796	6.35	7.24
58. BAYSIDE #3	56	110	0.3	98.6	98.2	11,909	GAS	1,270	1,031,496	1,310.0	9,197	8.36	7.24
59. BAYSIDE #4	56	110	0.3	78.9	98.2	11,455	GAS	1,220	1,032,787	1,260.0	8,835	8.03	7.24
60. BAYSIDE #5	56	10	0.0	78.9	17.9	31,000	GAS	300	1,033,333	310.0	2,173	21.73	7.24
61. BAYSIDE #6	56	110	0.3	78.9	98.2	11,909	GAS	1,270	1,031,496	1,310.0	9,197	8.36	7.24
62. BAYSIDE STATION TOTAL	**1,898**	**304,450**	**22.3**	**72.6**	**26.2**	**8,293**	**GAS**	**2,456,160**	**1,028,007**	**2,524,950.0**	**17,787,653**	**5.84**	**7.24**
63. SYSTEM TOTAL	**6,351**	**1,592,640**	**34.8**	**61.2**	**96.3**	**5,830**	**-**	**-**	**-**	**9,285,090.0**	**65,478,460**	**4.11**	**-**

LEGEND:
B.B. = BIG BEND
CC = COMBINED CYCLE
CT = COMBUSTION TURBINE
ST = STEAM TURBINE

[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] AC rating
[4] In Simple Cycle Mode

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: MAY 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
1. TIA SOLAR	1.6	340	28.6	-	28.6	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.7	320	2.2	-	2.2	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	4,970	477.2	-	477.2	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	19,380	37.2	-	37.2	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	20,170	36.5	-	36.5	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	20,280	36.7	-	36.7	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	16,220	35.8	-	35.8	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	14,790	36.0	-	36.0	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	9,990	35.9	-	35.9	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.3	12,870	35.1	-	35.1	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	20,110	36.2	-	36.2	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	20,350	36.8	-	36.8	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	16,810	37.8	-	37.8	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	7,130.0	30.5	-	30.5	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	12,350.0	22.3	-	22.3	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	16,850.0	41.6	-	41.6	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	16,850.0	30.5	-	30.5	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	12,490.0	118.2	-	118.2	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	13,900.0	34.0	-	34.0	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	70.0	3,180.0	6.1	-	6.1	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	15,900.0	35.0	-	35.0	-	SOLAR	-	-	-	-	-	-
22. FUTURE SOLAR	25.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
23. FUTURE SOLAR	60.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
24. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
25. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
26. SOLAR TOTAL [3]	**1321.5**	**275,250**	**28.0**	**-**	**28.0**	**-**	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
27. BIG BEND #1 CC TOTAL	**335**	**761,470**	**305.5**	**0.0**	**313.1**	**6,239**	**GAS**	**4,621,480**	**1,028,002**	**4,750,890.0**	**32,276,469**	**4.24**	**6.98**
28. BIG BEND #2 TOTAL	**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
29. B.B.#3 (GAS)	345	0	0.0	-	-	-	GAS	0	0	0.0	0	0.00	0.00
30. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
31. BIG BEND #3 TOTAL	**345**	**0**	**0.0**	**82.1**	**0.0**	**0**		**-**	**-**	**0.0**	**0**	**0.00**	**-**
32. B.B.#4 (GAS)	422	0	0.0	-	-	-	GAS	0	0	0.0	0	0.00	0.00
33. B.B.#4 (COAL)	410	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
34. BIG BEND #4 TOTAL	**410**	**0**	**0.0**	**89.3**	**0.0**	**0**		**-**	**-**	**0.0**	**0**	**0.00**	**-**
35. B.B. IGNITION	-	-	-	-	-	-	GAS	0	0	0.0	0	-	0.00
36. B.B.C.T.#4 TOTAL	**56**	**330**	**0.8**	**98.3**	**73.7**	**12,394**	**GAS**	**3,990**	**1,025,063**	**4,090.0**	**27,866**	**8.44**	**6.98**
37. B.B.C.T.#5 TOTAL	**330**	**0**	**0.0**	**96.9**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
38. B.B.C.T.#6 TOTAL	**330**	**0**	**0.0**	**96.1**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
39. BIG BEND STATION TOTAL	**1,806**	**761,800**	**56.7**	**74.3**	**312.7**	**6,242**	**-**	**-**	**-**	**4,754,980.0**	**32,304,335**	**4.24**	**-**
40. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
41. POLK #1 CT (GAS)	220	10,230	6.3	-	77.5	8,867	GAS	88,240	1,027,992	90,710.0	616,269	6.02	6.98
42. POLK #1 TOTAL	**245**	**10,230**	**5.6**	**72.6**	**77.5**	**8,867**	**-**	**-**	**-**	**90,710.0**	**616,269**	**6.02**	**-**
43. POLK #2 ST DUCT FIRING	120	2,080	2.3	-	57.8	8,284	GAS	16,760	1,028,043	17,230.0	117,052	5.63	6.98
44. POLK #2 ST W/O DUCT FIRING	360	421,180	-	-	-	-		2,861,285	1,028,003	2,941,410.0	19,983,247	4.74	6.98
45. POLK #2 ST TOTAL	**480**	**423,260**	**118.5**	**-**	**115.7**	**6,990**	**GAS**	**-**	**-**	**2,958,640.0**	**20,100,299**	**4.75**	**-**
46. POLK #2 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
47. POLK #2 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	333	5,855,856	1,950.0	47,351	31.57	142.20
48. POLK #2 TOTAL [4]	**150**	**150**	**0.1**	**-**	**94.3**	**13,000**	**-**	**-**	**-**	**1,950.0**	**47,351**	**31.57**	**-**
49. POLK #3 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
50. POLK #3 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	332	5,873,494	1,950.0	47,210	31.47	142.20
51. POLK #3 TOTAL [4]	**150**	**150**	**0.1**	**-**	**94.3**	**13,000**	**-**	**-**	**-**	**1,950.0**	**47,210**	**31.47**	**-**

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: MAY 2023

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT		NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
52. POLK #4 CT (GAS) TOTAL	[4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
53. POLK #5 CT (GAS) TOTAL	[4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
54. POLK #2 CC TOTAL		**1,080**	**423,560**	**52.7**	**97.4**	**115.7**	**6,994**	**-**	**-**	**-**	**2,962,540.0**	**20,194,860**	**4.77**	**-**
55. POLK STATION TOTAL		**1,325**	**433,790**	**44.0**	**92.8**	**112.9**	**7,039**	**-**	**-**	**-**	**3,053,250.0**	**20,811,129**	**4.80**	**-**
56. BAYSIDE #1		720	248,930	46.5	96.6	48.1	7,602	GAS	1,840,890	1,028,003	1,892,440.0	12,856,797	5.16	6.98
57. BAYSIDE #2		954	159,810	22.5	97.3	23.5	8,530	GAS	1,326,020	1,027,994	1,363,140.0	9,260,939	5.79	6.98
58. BAYSIDE #3		56	300	0.7	98.6	76.5	12,467	GAS	3,640	1,027,473	3,740.0	25,422	8.47	6.98
59. BAYSIDE #4		56	220	0.5	98.6	78.6	12,909	GAS	2,750	1,032,727	2,840.0	19,206	8.73	6.98
60. BAYSIDE #5		56	460	1.1	98.6	74.7	12,304	GAS	5,500	1,029,091	5,660.0	38,412	8.35	6.98
61. BAYSIDE #6		56	420	1.0	79.5	68.2	12,690	GAS	5,180	1,028,958	5,330.0	36,177	8.61	6.98
62. BAYSIDE STATION TOTAL		**1,898**	**410,140**	**29.0**	**96.6**	**34.2**	**7,981**	**GAS**	**3,183,980**	**1,028,006**	**3,273,150.0**	**22,236,953**	**5.42**	**6.98**
63. SYSTEM TOTAL		**6,351**	**1,880,980**	**39.8**	**69.4**	**108.9**	**5,891**	**-**	**-**	**-**	**11,081,380.0**	**75,352,417**	**4.01**	**-**

LEGEND:
B.B. = BIG BEND
CC = COMBINED CYCLE
CT = COMBUSTION TURBINE
ST = STEAM TURBINE

[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] AC rating
[4] In Simple Cycle Mode

DOCKET NO. 20220001-EI
EXHIBIT NO. MAS-3
DOCUMENT NO. 2, PAGE 19 OF 42

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: JUNE 2023

(A) PLANT/UNIT	(B) NET CAPA-BILITY (MW)	(C) NET GENERATION (MWH)	(D) NET CAPACITY FACTOR (%)	(E) EQUIV. AVAIL. FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG. NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)	(J) FUEL HEAT VALUE (BTU/UNIT)	(K) FUEL BURNED (MM BTU) [2]	(L) AS BURNED FUEL COST ($) [1]	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF FUEL ($/UNIT)
1. TIA SOLAR	1.6	290	25.2	-	25.2	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.7	290	2.0	-	2.0	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	4,400	436.5	-	436.5	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	16,730	33.1	-	33.1	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	17,360	32.5	-	32.5	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	17,370	32.5	-	32.5	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	13,970	31.9	-	31.9	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	12,750	32.1	-	32.1	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	8,650	32.1	-	32.1	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.3	11,070	31.2	-	31.2	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	16,510	30.7	-	30.7	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	17,440	32.6	-	32.6	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	14,810	34.4	-	34.4	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	6,110.0	27.0	-	27.0	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	10,590.0	19.8	-	19.8	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	14,450.0	36.9	-	36.9	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	14,450.0	27.0	-	27.0	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	10,710.0	104.8	-	104.8	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	11,910.0	30.1	-	30.1	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	70.0	2,720.0	5.4	-	5.4	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	13,630.0	31.0	-	31.0	-	SOLAR	-	-	-	-	-	-
22. FUTURE SOLAR	25.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
23. FUTURE SOLAR	60.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
24. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
25. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
26. SOLAR TOTAL [3]	**1321.5**	**236,210**	**24.8**	**-**	**24.8**	**-**	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
27. BIG BEND #1 CC TOTAL	**335**	**740,710**	**307.1**	**0.0**	**314.5**	**6,238**	**GAS**	**4,494,360**	**1,028,002**	**4,620,210.0**	**31,049,829**	**4.19**	**6.91**
28. BIG BEND #2 TOTAL	**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
29. B.B.#3 (GAS)	345	0	0.0	-	-	-	GAS	0	0	0.0	0	0.00	0.00
30. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
31. BIG BEND #3 TOTAL	**345**	**0**	**0.0**	**82.1**	**0.0**	**0**		**-**	**-**	**0.0**	**0**	**0.00**	**-**
32. B.B.#4 (GAS)	422	10,880	3.6	-	-	-	GAS	121,630	1,027,954	125,030.0	840,296	7.72	6.91
33. B.B.#4 (COAL)	410	61,670	20.9	-	-	-	COAL	31,490	22,499,524	708,510.0	2,688,592	4.36	85.38
34. BIG BEND #4 TOTAL	**410**	**72,550**	**24.6**	**89.3**	**60.6**	**11,489**		**-**	**-**	**833,540.0**	**3,528,888**	**4.86**	**-**
35. B.B. IGNITION	-	-	-	-	-	-	GAS	12,100	1,028,926	12,450.0	83,594	-	6.91
36. B.B.C.T.#4 TOTAL	**56**	**180**	**0.4**	**98.3**	**64.3**	**12,556**	**GAS**	**2,200**	**1,027,273**	**2,260.0**	**15,199**	**8.44**	**6.91**
37. B.B.C.T.#5 TOTAL	**330**	**0**	**0.0**	**96.9**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
38. B.B.C.T.#6 TOTAL	**330**	**0**	**0.0**	**96.1**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
39. BIG BEND STATION TOTAL	**1,806**	**813,440**	**62.6**	**74.3**	**178.3**	**6,707**	**-**	**-**	**-**	**5,456,010.0**	**34,677,510**	**4.26**	**-**
40. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
41. POLK #1 CT (GAS)	220	11,260	7.1	-	77.5	8,897	GAS	97,460	1,027,909	100,180.0	673,314	5.98	6.91
42. POLK #1 TOTAL	**245**	**11,260**	**6.4**	**93.8**	**77.5**	**8,897**	**-**	**-**	**-**	**100,180.0**	**673,314**	**5.98**	**-**
43. POLK #2 ST DUCT FIRING	120	1,980	2.3	-	55.0	8,273	GAS	15,930	1,028,249	16,380.0	110,054	5.56	6.91
44. POLK #2 ST W/O DUCT FIRING	360	461,700	-	-	-	-		3,115,455	1,028,004	3,202,700.0	21,523,497	4.66	6.91
45. POLK #2 ST TOTAL	**480**	**463,680**	**134.2**	**-**	**134.0**	**6,942**	**GAS**	**-**	**-**	**3,219,080.0**	**21,633,551**	**4.67**	**-**
46. POLK #2 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	1	0.00	0.00
47. POLK #2 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	333	5,855,856	1,950.0	47,373	31.58	142.26
48. POLK #2 TOTAL [4]	**150**	**150**	**0.1**	**-**	**94.3**	**13,000**	**-**	**-**	**-**	**1,950.0**	**47,374**	**31.58**	**-**
49. POLK #3 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
50. POLK #3 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	332	5,873,494	1,950.0	47,231	31.49	142.26
51. POLK #3 TOTAL [4]	**150**	**150**	**0.1**	**-**	**94.3**	**13,000**	**-**	**-**	**-**	**1,950.0**	**47,231**	**31.49**	**-**

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: JUNE 2023

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT		NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
52. POLK #4 CT (GAS) TOTAL	[4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
53. POLK #5 CT (GAS) TOTAL	[4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
54. POLK #2 CC TOTAL		**1,080**	**463,980**	**59.7**	**97.4**	**133.9**	**6,946**	**-**	**-**	**-**	**3,222,980.0**	**21,728,156**	**4.68**	**-**
55. POLK STATION TOTAL		**1,325**	**475,240**	**49.8**	**96.8**	**129.2**	**6,993**	**-**	**-**	**-**	**3,323,160.0**	**22,401,470**	**4.71**	**-**
56. BAYSIDE #1		720	278,710	53.8	96.6	55.6	7,513	GAS	2,036,880	1,027,999	2,093,910.0	14,072,032	5.05	6.91
57. BAYSIDE #2		954	194,280	28.3	97.3	29.5	8,191	GAS	1,548,040	1,028,003	1,591,390.0	10,694,821	5.50	6.91
58. BAYSIDE #3		56	190	0.5	98.6	56.5	13,579	GAS	2,500	1,032,000	2,580.0	17,272	9.09	6.91
59. BAYSIDE #4		56	100	0.2	98.6	44.6	15,600	GAS	1,520	1,026,316	1,560.0	10,501	10.50	6.91
60. BAYSIDE #5		56	110	0.3	98.6	65.5	13,091	GAS	1,410	1,021,277	1,440.0	9,741	8.86	6.91
61. BAYSIDE #6		56	260	0.6	98.6	66.3	12,615	GAS	3,190	1,028,213	3,280.0	22,039	8.48	6.91
62. BAYSIDE STATION TOTAL		**1,898**	**473,650**	**34.7**	**97.2**	**40.8**	**7,799**	**GAS**	**3,593,540**	**1,028,000**	**3,694,160.0**	**24,826,406**	**5.24**	**6.91**
63. SYSTEM TOTAL		**6,351**	**1,998,540**	**43.7**	**70.3**	**105.9**	**6,241**	**-**	**-**	**-**	**12,473,330.0**	**81,905,386**	**4.10**	**-**

LEGEND:
B.B. = BIG BEND
CC = COMBINED CYCLE
CT = COMBUSTION TURBINE
ST = STEAM TURBINE

[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] AC rating
[4] In Simple Cycle Mode

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: JULY 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
1. TIA SOLAR	1.6	290	24.4	-	24.4	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.7	290	2.0	-	2.0	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	4,260	409.0	-	409.0	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	16,210	31.1	-	31.1	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	16,820	30.5	-	30.5	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	17,170	31.1	-	31.1	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	13,530	29.9	-	29.9	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	12,360	30.1	-	30.1	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	8,420	30.3	-	30.3	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.3	10,720	29.2	-	29.2	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	16,260	29.3	-	29.3	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	17,230	31.2	-	31.2	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	14,210	31.9	-	31.9	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	5,920.0	25.3	-	25.3	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	10,260.0	18.6	-	18.6	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	14,000.0	34.6	-	34.6	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	14,000.0	25.3	-	25.3	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	10,370.0	98.2	-	98.2	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	11,540.0	28.2	-	28.2	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	70.0	2,640.0	5.1	-	5.1	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	13,200.0	29.1	-	29.1	-	SOLAR	-	-	-	-	-	-
22. FUTURE SOLAR	25.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
23. FUTURE SOLAR	60.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
24. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
25. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
26. SOLAR TOTAL [3]	**1321.5**	**229,700**	**23.4**	**-**	**23.4**	**-**	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
27. BIG BEND #1 CC TOTAL	**335**	**765,360**	**307.1**	**0.0**	**314.7**	**6,237**	**GAS**	**4,643,780**	**1,028,001**	**4,773,810.0**	**32,261,378**	**4.22**	**6.95**
28. BIG BEND #2 TOTAL	**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
29. B.B.#3 (GAS)	345	0	0.0	-	-	-	GAS	0	0	0.0	0	0.00	0.00
30. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
31. BIG BEND #3 TOTAL	**345**	**0**	**0.0**	**82.1**	**0.0**	**0**		**-**	**-**	**0.0**	**0**	**0.00**	**-**
32. B.B.#4 (GAS)	422	12,200	3.9	-	-	-	GAS	135,510	1,027,968	139,300.0	941,418	7.72	6.95
33. B.B.#4 (COAL)	410	69,140	22.7	-	-	-	COAL	35,080	22,502,566	789,390.0	3,034,523	4.39	86.50
34. BIG BEND #4 TOTAL	**410**	**81,340**	**26.7**	**89.3**	**62.2**	**11,417**		**-**	**-**	**928,690.0**	**3,975,941**	**4.89**	**-**
35. B.B. IGNITION	-	-	-	-	-	-	GAS	7,090	1,028,209	7,290.0	49,256	-	6.95
36. B.B.C.T.#4 TOTAL	**56**	**350**	**0.8**	**98.3**	**78.1**	**12,171**	**GAS**	**4,140**	**1,028,986**	**4,260.0**	**28,762**	**8.22**	**6.95**
37. B.B.C.T.#5 TOTAL	**330**	**0**	**0.0**	**96.9**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
38. B.B.C.T.#6 TOTAL	**330**	**0**	**0.0**	**96.1**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
39. BIG BEND STATION TOTAL	**1,806**	**847,050**	**63.0**	**74.3**	**174.8**	**6,737**	**-**	**-**	**-**	**5,706,760.0**	**36,315,337**	**4.29**	**-**
40. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
41. POLK #1 CT (GAS)	220	15,280	9.3	-	77.2	8,923	GAS	132,630	1,028,048	136,350.0	921,410	6.03	6.95
42. POLK #1 TOTAL	**245**	**15,280**	**8.4**	**93.8**	**77.2**	**8,923**	**-**	**-**	**-**	**136,350.0**	**921,410**	**6.03**	**-**
43. POLK #2 ST DUCT FIRING	120	2,110	2.4	-	58.6	8,303	GAS	17,040	1,028,169	17,520.0	118,381	5.61	6.95
44. POLK #2 ST W/O DUCT FIRING	360	501,510	-	-	-	-		3,382,195	1,028,004	3,476,910.0	23,496,866	4.69	6.95
45. POLK #2 ST TOTAL	**480**	**503,620**	**141.0**	**-**	**137.9**	**6,939**	**GAS**	**-**	**-**	**3,494,430.0**	**23,615,247**	**4.69**	**-**
46. POLK #2 CT (GAS)	150	500	0.4	-	83.3	11,420	GAS	5,550	1,028,829	5,710.0	38,557	7.71	6.95
47. POLK #2 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	333	5,855,856	1,950.0	47,394	31.60	142.32
48. POLK #2 TOTAL [4]	**150**	**650**	**0.6**	**-**	**85.6**	**11,785**	**-**	**-**	**-**	**7,660.0**	**85,951**	**13.22**	**-**
49. POLK #3 CT (GAS)	150	500	0.4	-	83.3	11,480	GAS	5,590	1,026,834	5,740.0	38,835	7.77	6.95
50. POLK #3 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	332	5,873,494	1,950.0	47,252	31.50	142.33
51. POLK #3 TOTAL [4]	**150**	**650**	**0.6**	**-**	**85.6**	**11,831**	**-**	**-**	**-**	**7,690.0**	**86,087**	**13.24**	**-**

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: JULY 2023

(A) PLANT/UNIT	(B) NET CAPA-BILITY (MW)	(C) NET GENERATION (MWH)	(D) NET CAPACITY FACTOR (%)	(E) EQUIV. AVAIL. FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG. NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)	(J) FUEL HEAT VALUE (BTU/UNIT)	(K) FUEL BURNED (MM BTU) [2]	(L) AS BURNED FUEL COST ($) [1]	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF FUEL ($/UNIT)
52. POLK #4 CT (GAS) TOTAL [4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
53. POLK #5 CT (GAS) TOTAL [4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
54. POLK #2 CC TOTAL	**1,080**	**504,920**	**62.8**	**97.4**	**137.2**	**6,951**	**-**	**-**	**-**	**3,509,780.0**	**23,787,285**	**4.71**	**-**
55. POLK STATION TOTAL	**1,325**	**520,200**	**52.8**	**96.8**	**130.9**	**7,009**	**-**	**-**	**-**	**3,646,130.0**	**24,708,695**	**4.75**	**-**
56. BAYSIDE #1	720	297,600	55.6	96.6	57.5	7,491	GAS	2,168,750	1,027,998	2,229,470.0	15,066,792	5.06	6.95
57. BAYSIDE #2	954	199,250	28.1	97.3	29.3	8,207	GAS	1,590,790	1,027,992	1,635,320.0	11,051,573	5.55	6.95
58. BAYSIDE #3	56	510	1.2	98.6	70.1	12,725	GAS	6,310	1,028,526	6,490.0	43,837	8.60	6.95
59. BAYSIDE #4	56	400	1.0	98.6	71.4	12,825	GAS	4,990	1,028,056	5,130.0	34,667	8.67	6.95
60. BAYSIDE #5	56	480	1.2	98.6	71.4	12,708	GAS	5,940	1,026,936	6,100.0	41,267	8.60	6.95
61. BAYSIDE #6	56	600	1.4	98.6	63.0	13,250	GAS	7,730	1,028,461	7,950.0	53,702	8.95	6.95
62. BAYSIDE STATION TOTAL	**1,898**	**498,840**	**35.3**	**97.2**	**41.5**	**7,799**	**GAS**	**3,784,510**	**1,027,996**	**3,890,460.0**	**26,291,838**	**5.27**	**6.95**
63. SYSTEM TOTAL	**6,351**	**2,095,790**	**44.4**	**70.3**	**106.0**	**6,319**	**-**	**-**	**-**	**13,243,350.0**	**87,315,870**	**4.17**	**-**

LEGEND:
B.B. = BIG BEND
CT = COMBUSTION TURBINE
CC = COMBINED CYCLE
ST = STEAM TURBINE

[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] AC rating
[4] In Simple Cycle Mode

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: AUGUST 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
1. TIA SOLAR	1.6	290	24.4	-	24.4	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.7	270	1.8	-	1.8	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	4,170	400.3	-	400.3	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	15,640	30.0	-	30.0	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	16,210	29.4	-	29.4	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	16,580	30.0	-	30.0	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	13,060	28.8	-	28.8	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	11,940	29.1	-	29.1	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	8,290	29.8	-	29.8	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.3	10,340	28.2	-	28.2	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	15,770	28.4	-	28.4	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	16,660	30.1	-	30.1	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	13,780	31.0	-	31.0	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	5,710.0	24.4	-	24.4	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	9,900.0	17.9	-	17.9	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	13,500.0	33.4	-	33.4	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	13,500.0	24.4	-	24.4	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	10,000.0	94.7	-	94.7	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	11,130.0	27.2	-	27.2	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	70.0	2,540.0	4.9	-	4.9	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	12,730.0	28.0	-	28.0	-	SOLAR	-	-	-	-	-	-
22. FUTURE SOLAR	25.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
23. FUTURE SOLAR	60.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
24. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
25. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
26. SOLAR TOTAL [3]	**1321.5**	**222,010**	**22.6**	**-**	**22.6**	**-**	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
27. BIG BEND #1 CC TOTAL	**335**	**765,270**	**307.0**	**0.0**	**314.7**	**6,237**	**GAS**	**4,643,250**	**1,028,004**	**4,773,280.0**	**32,216,291**	**4.21**	**6.94**
28. BIG BEND #2 TOTAL	**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
29. B.B.#3 (GAS)	345	0	0.0	-	-	-	GAS	0	0	0.0	0	0.00	0.00
30. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
31. BIG BEND #3 TOTAL	**345**	**0**	**0.0**	**82.1**	**0.0**	**0**		**-**	**-**	**0.0**	**0**	**0.00**	**-**
32. B.B.#4 (GAS)	422	15,340	4.9	-	-	-	GAS	171,000	1,027,953	175,780.0	1,186,450	7.73	6.94
33. B.B.#4 (COAL)	410	86,950	28.5	-	-	-	COAL	44,270	22,501,016	996,120.0	3,900,479	4.49	88.11
34. BIG BEND #4 TOTAL	**410**	**102,290**	**33.5**	**89.3**	**61.3**	**11,457**		**-**	**-**	**1,171,900.0**	**5,086,929**	**4.97**	**-**
35. B.B. IGNITION	-	-	-	-	-	-	GAS	12,110	1,027,250	12,440.0	84,023	-	6.94
36. B.B.C.T.#4 TOTAL	**56**	**640**	**1.5**	**98.3**	**81.6**	**11,813**	**GAS**	**7,350**	**1,028,571**	**7,560.0**	**50,997**	**7.97**	**6.94**
37. B.B.C.T.#5 TOTAL	**330**	**0**	**0.0**	**96.9**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
38. B.B.C.T.#6 TOTAL	**330**	**0**	**0.0**	**96.1**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
39. BIG BEND STATION TOTAL	**1,806**	**868,200**	**64.6**	**74.3**	**157.5**	**6,856**	**-**	**-**	**-**	**5,952,740.0**	**37,438,240**	**4.31**	**-**
40. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
41. POLK #1 CT (GAS)	220	17,290	10.6	-	77.0	8,894	GAS	149,590	1,027,943	153,770.0	1,037,901	6.00	6.94
42. POLK #1 TOTAL	**245**	**17,290**	**9.5**	**93.8**	**77.0**	**8,894**	**-**	**-**	**-**	**153,770.0**	**1,037,901**	**6.00**	**-**
43. POLK #2 ST DUCT FIRING	120	2,360	2.6	-	61.5	8,254	GAS	18,950	1,027,968	19,480.0	131,481	5.57	6.94
44. POLK #2 ST W/O DUCT FIRING	360	518,620	-	-	-	-		3,492,715	1,028,005	3,590,530.0	24,233,527	4.67	6.94
45. POLK #2 ST TOTAL	**480**	**520,980**	**145.9**	**-**	**142.8**	**6,929**	**GAS**	**-**	**-**	**3,610,010.0**	**24,365,008**	**4.68**	**-**
46. POLK #2 CT (GAS)	150	90	0.1	-	60.0	13,667	GAS	1,200	1,025,000	1,230.0	8,326	9.25	6.94
47. POLK #2 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	333	5,855,856	1,950.0	47,409	31.61	142.37
48. POLK #2 TOTAL [4]	**150**	**240**	**0.2**	**-**	**77.7**	**13,250**	**-**	**-**	**-**	**3,180.0**	**55,735**	**23.22**	**-**
49. POLK #3 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
50. POLK #3 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	332	5,873,494	1,950.0	47,267	31.51	142.37
51. POLK #3 TOTAL [4]	**150**	**150**	**0.1**	**-**	**94.3**	**13,000**	**-**	**-**	**-**	**1,950.0**	**47,267**	**31.51**	**-**

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: AUGUST 2023

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT		NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
52. POLK #4 CT (GAS) TOTAL	[4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
53. POLK #5 CT (GAS) TOTAL	[4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
54. POLK #2 CC TOTAL		**1,080**	**521,370**	**64.9**	**97.4**	**142.6**	**6,934**	**-**	**-**	**-**	**3,615,140.0**	**24,468,010**	**4.69**	**-**
55. POLK STATION TOTAL		**1,325**	**538,660**	**54.6**	**96.8**	**134.9**	**6,997**	**-**	**-**	**-**	**3,768,910.0**	**25,505,911**	**4.74**	**-**
56. BAYSIDE #1		720	308,440	57.6	96.6	59.6	7,475	GAS	2,242,670	1,028,002	2,305,470.0	15,560,331	5.04	6.94
57. BAYSIDE #2		954	198,000	27.9	97.3	29.1	8,212	GAS	1,581,740	1,028,001	1,626,030.0	10,974,597	5.54	6.94
58. BAYSIDE #3		56	760	1.8	98.6	71.4	12,618	GAS	9,330	1,027,867	9,590.0	64,734	8.52	6.94
59. BAYSIDE #4		56	550	1.3	98.6	81.8	12,127	GAS	6,490	1,027,735	6,670.0	45,030	8.19	6.94
60. BAYSIDE #5		56	790	1.9	98.6	78.4	12,241	GAS	9,420	1,026,539	9,670.0	65,359	8.27	6.94
61. BAYSIDE #6		56	730	1.8	98.6	76.7	12,479	GAS	8,860	1,028,217	9,110.0	61,473	8.42	6.94
62. BAYSIDE STATION TOTAL		**1,898**	**509,270**	**36.1**	**97.2**	**42.3**	**7,789**	**GAS**	**3,858,510**	**1,027,998**	**3,966,540.0**	**26,771,524**	**5.26**	**6.94**
63. SYSTEM TOTAL		**6,351**	**2,138,140**	**45.3**	**70.3**	**104.5**	**6,402**	**-**	**-**	**-**	**13,688,190.0**	**89,715,675**	**4.20**	**-**

LEGEND:
B.B. = BIG BEND
CC = COMBINED CYCLE
CT = COMBUSTION TURBINE
ST = STEAM TURBINE

[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] AC rating
[4] In Simple Cycle Mode

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: SEPTEMBER 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
1. TIA SOLAR	1.6	260	22.6	-	22.6	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.7	230	1.6	-	1.6	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	3,460	343.3	-	343.3	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	13,590	26.9	-	26.9	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	14,080	26.4	-	26.4	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	14,270	26.7	-	26.7	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	11,340	25.9	-	25.9	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	10,380	26.1	-	26.1	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	6,690	24.8	-	24.8	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.3	8,990	25.3	-	25.3	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	13,620	25.3	-	25.3	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	14,310	26.7	-	26.7	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	12,020	27.9	-	27.9	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	4,960.0	21.9	-	21.9	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	8,600.0	16.1	-	16.1	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	11,730.0	29.9	-	29.9	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	11,730.0	21.9	-	21.9	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	8,690.0	85.0	-	85.0	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	9,670.0	24.4	-	24.4	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	70.0	2,210.0	4.4	-	4.4	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	11,060.0	25.2	-	25.2	-	SOLAR	-	-	-	-	-	-
22. FUTURE SOLAR	25.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
23. FUTURE SOLAR	60.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
24. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
25. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
26. SOLAR TOTAL [3]	**1321.5**	**191,890**	**20.2**	**-**	**20.2**	**-**	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
27. BIG BEND #1 CC TOTAL	**335**	**740,680**	**307.1**	**0.0**	**314.5**	**6,238**	**GAS**	**4,494,220**	**1,028,000**	**4,620,060.0**	**31,409,560**	**4.24**	**6.99**
28. BIG BEND #2 TOTAL	**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
29. B.B.#3 (GAS)	345	0	0.0	-	-	-	GAS	0	0	0.0	0	0.00	0.00
30. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
31. BIG BEND #3 TOTAL	**345**	**0**	**0.0**	**82.1**	**0.0**	**0**		**-**	**-**	**0.0**	**0**	**0.00**	**-**
32. B.B.#4 (GAS)	422	23,640	7.8	-	-	-	GAS	256,430	1,028,000	263,610.0	1,792,159	7.58	6.99
33. B.B.#4 (COAL)	410	133,980	45.4	-	-	-	COAL	66,390	22,500,226	1,493,790.0	5,857,911	4.37	88.23
34. BIG BEND #4 TOTAL	**410**	**157,620**	**53.4**	**89.3**	**68.9**	**11,150**		**-**	**-**	**1,757,400.0**	**7,650,070**	**4.85**	**-**
35. B.B. IGNITION	-	-	-	-	-	-	GAS	5,010	1,027,944	5,150.0	35,014	-	6.99
36. B.B.C.T.#4 TOTAL	**56**	**2,580**	**6.4**	**98.3**	**78.1**	**11,961**	**GAS**	**30,020**	**1,027,981**	**30,860.0**	**209,806**	**8.13**	**6.99**
37. B.B.C.T.#5 TOTAL	**330**	**0**	**0.0**	**96.9**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
38. B.B.C.T.#6 TOTAL	**330**	**0**	**0.0**	**96.1**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
39. BIG BEND STATION TOTAL	**1,806**	**900,880**	**69.3**	**74.3**	**136.5**	**7,113**	**-**	**-**	**-**	**6,408,320.0**	**39,304,450**	**4.36**	**-**
40. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
41. POLK #1 CT (GAS)	220	54,160	34.2	-	79.2	8,824	GAS	464,890	1,028,007	477,910.0	3,249,060	6.00	6.99
42. POLK #1 TOTAL	**245**	**54,160**	**30.7**	**93.8**	**79.2**	**8,824**	**-**	**-**	**-**	**477,910.0**	**3,249,060**	**6.00**	**-**
43. POLK #2 ST DUCT FIRING	120	10,970	12.7	-	63.5	8,273	GAS	88,280	1,027,979	90,750.0	616,978	5.62	6.99
44. POLK #2 ST W/O DUCT FIRING	360	466,290	-	-	-	-		3,149,055	1,028,004	3,237,240.0	22,008,365	4.72	6.99
45. POLK #2 ST TOTAL	**480**	**477,260**	**138.1**	**-**	**116.8**	**6,973**	**GAS**	**-**	**-**	**3,327,990.0**	**22,625,343**	**4.74**	**-**
46. POLK #2 CT (GAS)	150	190	0.2	-	63.3	12,737	GAS	2,360	1,025,424	2,420.0	16,494	8.68	6.99
47. POLK #2 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	333	5,855,856	1,950.0	47,417	31.61	142.39
48. POLK #2 TOTAL [4]	**150**	**340**	**0.3**	**-**	**74.1**	**12,853**	**-**	**-**	**-**	**4,370.0**	**63,911**	**18.80**	**-**
49. POLK #3 CT (GAS)	150	100	0.1	-	66.7	12,800	GAS	1,240	1,032,258	1,280.0	8,666	8.67	6.99
50. POLK #3 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	332	5,873,494	1,950.0	47,274	31.52	142.39
51. POLK #3 TOTAL [4]	**150**	**250**	**0.2**	**-**	**80.9**	**12,920**	**-**	**-**	**-**	**3,230.0**	**55,940**	**22.38**	**-**

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: SEPTEMBER 2023

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT		NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
52. POLK #4 CT (GAS) TOTAL	[4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
53. POLK #5 CT (GAS) TOTAL	[4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
54. POLK #2 CC TOTAL		**1,080**	**477,850**	**61.5**	**97.4**	**116.6**	**6,980**	**-**	**-**	**-**	**3,335,590.0**	**22,745,194**	**4.76**	**-**
55. POLK STATION TOTAL		**1,325**	**532,010**	**55.8**	**96.8**	**106.6**	**7,168**	**-**	**-**	**-**	**3,813,500.0**	**25,994,254**	**4.89**	**-**
56. BAYSIDE #1		720	287,400	55.4	29.0	57.4	7,505	GAS	2,098,230	1,028,000	2,156,980.0	14,664,276	5.10	6.99
57. BAYSIDE #2		954	34,260	5.0	97.3	22.2	8,632	GAS	287,660	1,028,019	295,720.0	2,010,421	5.87	6.99
58. BAYSIDE #3		56	2,640	6.5	98.6	78.6	12,064	GAS	30,990	1,027,751	31,850.0	216,585	8.20	6.99
59. BAYSIDE #4		56	2,230	5.5	98.6	79.6	12,022	GAS	26,080	1,027,991	26,810.0	182,270	8.17	6.99
60. BAYSIDE #5		56	3,340	8.3	98.6	75.5	12,234	GAS	39,760	1,027,666	40,860.0	277,878	8.32	6.99
61. BAYSIDE #6		56	3,190	7.9	98.6	74.0	12,370	GAS	38,390	1,027,872	39,460.0	268,303	8.41	6.99
62. BAYSIDE STATION TOTAL		**1,898**	**333,060**	**24.4**	**71.5**	**49.7**	**7,781**	**GAS**	**2,521,110**	**1,027,992**	**2,591,680.0**	**17,619,733**	**5.29**	**6.99**
63. SYSTEM TOTAL		**6,351**	**1,957,840**	**42.8**	**62.7**	**116.6**	**6,545**	**-**	**-**	**-**	**12,813,500.0**	**82,918,437**	**4.24**	**-**

LEGEND:
B.B. = BIG BEND
CC = COMBINED CYCLE
CT = COMBUSTION TURBINE
ST = STEAM TURBINE

[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] AC rating
[4] In Simple Cycle Mode

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: OCTOBER 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
1. TIA SOLAR	1.6	290	24.4	-	24.4	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.7	220	1.5	-	1.5	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	3,580	343.7	-	343.7	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	13,430	25.8	-	25.8	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	13,930	25.2	-	25.2	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	13,920	25.2	-	25.2	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	11,200	24.7	-	24.7	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	10,250	25.0	-	25.0	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	7,070	25.4	-	25.4	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.3	8,890	24.2	-	24.2	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	14,150	25.5	-	25.5	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	13,980	25.3	-	25.3	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	11,950	26.9	-	26.9	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	4,920.0	21.1	-	21.1	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	8,530.0	15.4	-	15.4	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	11,640.0	28.8	-	28.8	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	11,640.0	21.1	-	21.1	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	8,620.0	81.6	-	81.6	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	9,590.0	23.4	-	23.4	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	70.0	2,190.0	4.2	-	4.2	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	10,970.0	24.2	-	24.2	-	SOLAR	-	-	-	-	-	-
22. FUTURE SOLAR	25.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
23. FUTURE SOLAR	60.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
24. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
25. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
26. SOLAR TOTAL [3]	**1321.5**	**190,960**	**19.4**	**-**	**19.4**	**-**	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
27. BIG BEND #1 CC TOTAL	**335**	**762,590**	**306.0**	**0.0**	**313.6**	**6,239**	**GAS**	**4,627,950**	**1,028,002**	**4,757,540.0**	**32,803,846**	**4.30**	**7.09**
28. BIG BEND #2 TOTAL	**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
29. B.B.#3 (GAS)	345	0	0.0	-	-	-	GAS	0	0	0.0	0	0.00	0.00
30. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
31. BIG BEND #3 TOTAL	**345**	**0**	**0.0**	**82.1**	**0.0**	**0**		**-**	**-**	**0.0**	**0**	**0.00**	**-**
32. B.B.#4 (GAS)	422	27,240	8.7	-	-	-	GAS	297,930	1,027,993	306,270.0	2,111,788	7.75	7.09
33. B.B.#4 (COAL)	410	154,380	50.6	-	-	-	COAL	77,130	22,501,361	1,735,530.0	6,864,534	4.45	89.00
34. BIG BEND #4 TOTAL	**410**	**181,620**	**59.5**	**8.6**	**66.5**	**11,242**		**-**	**-**	**2,041,800.0**	**8,976,322**	**4.94**	**-**
35. B.B. IGNITION	-	-	-	-	-	-	GAS	2,090	1,028,708	2,150.0	14,814	-	7.09
36. B.B.C.T.#4 TOTAL	**56**	**1,940**	**4.7**	**98.3**	**82.5**	**12,010**	**GAS**	**22,660**	**1,028,244**	**23,300.0**	**160,619**	**8.28**	**7.09**
37. B.B.C.T.#5 TOTAL	**330**	**0**	**0.0**	**96.9**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
38. B.B.C.T.#6 TOTAL	**330**	**0**	**0.0**	**96.1**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
39. BIG BEND STATION TOTAL	**1,806**	**946,150**	**70.4**	**55.9**	**126.4**	**7,211**	**-**	**-**	**-**	**6,822,640.0**	**41,955,601**	**4.43**	**-**
40. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
41. POLK #1 CT (GAS)	220	30,250	18.5	-	79.5	8,842	GAS	260,180	1,027,981	267,460.0	1,844,208	6.10	7.09
42. POLK #1 TOTAL	**245**	**30,250**	**16.6**	**93.8**	**79.5**	**8,842**	**-**	**-**	**-**	**267,460.0**	**1,844,208**	**6.10**	**-**
43. POLK #2 ST DUCT FIRING	120	9,150	10.2	-	61.5	8,272	GAS	73,630	1,027,978	75,690.0	521,904	5.70	7.09
44. POLK #2 ST W/O DUCT FIRING	360	416,180	-	-	-	-		2,824,165	1,028,007	2,903,260.0	20,018,252	4.81	7.09
45. POLK #2 ST TOTAL	**480**	**425,330**	**119.1**	**-**	**104.0**	**7,004**	**GAS**	**-**	**-**	**2,978,950.0**	**20,540,156**	**4.83**	**-**
46. POLK #2 CT (GAS)	150	360	0.3	-	60.0	12,861	GAS	4,510	1,026,608	4,630.0	31,969	8.88	7.09
47. POLK #2 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	333	5,855,856	1,950.0	47,418	31.61	142.40
48. POLK #2 TOTAL [4]	**150**	**510**	**0.5**	**-**	**67.2**	**12,902**	**-**	**-**	**-**	**6,580.0**	**79,387**	**15.57**	**-**
49. POLK #3 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
50. POLK #3 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	332	5,873,494	1,950.0	47,275	31.52	142.39
51. POLK #3 TOTAL [4]	**150**	**150**	**0.1**	**-**	**94.3**	**13,000**	**-**	**-**	**-**	**1,950.0**	**47,275**	**31.52**	**-**

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: OCTOBER 2023

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT		NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
52. POLK #4 CT (GAS) TOTAL	[4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
53. POLK #5 CT (GAS) TOTAL	[4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
54. POLK #2 CC TOTAL		**1,080**	**425,990**	**53.0**	**97.4**	**103.8**	**7,013**	**-**	**-**	**-**	**2,987,480.0**	**20,666,818**	**4.85**	**-**
55. POLK STATION TOTAL		**1,325**	**456,240**	**46.3**	**96.8**	**99.7**	**7,134**	**-**	**-**	**-**	**3,254,940.0**	**22,511,026**	**4.93**	**-**
56. BAYSIDE #1		720	247,770	46.3	0.0	47.9	7,617	GAS	1,835,790	1,027,999	1,887,190.0	13,012,451	5.25	7.09
57. BAYSIDE #2		954	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
58. BAYSIDE #3		56	1,260	3.0	98.6	83.3	12,048	GAS	14,780	1,027,064	15,180.0	104,764	8.31	7.09
59. BAYSIDE #4		56	1,050	2.5	98.6	89.3	11,781	GAS	12,030	1,028,263	12,370.0	85,271	8.12	7.09
60. BAYSIDE #5		56	1,560	3.7	98.6	79.6	12,205	GAS	18,530	1,027,523	19,040.0	131,344	8.42	7.09
61. BAYSIDE #6		56	2,380	5.7	98.6	80.2	12,055	GAS	27,920	1,027,579	28,690.0	197,903	8.32	7.09
62. BAYSIDE STATION TOTAL		**1,898**	**254,020**	**18.0**	**11.6**	**48.4**	**7,726**	**GAS**	**1,909,050**	**1,027,983**	**1,962,470.0**	**13,531,733**	**5.33**	**7.09**
63. SYSTEM TOTAL		**6,351**	**1,847,370**	**39.1**	**39.6**	**115.9**	**6,517**	**-**	**-**	**-**	**12,040,050.0**	**77,998,360**	**4.22**	**-**

LEGEND:
B.B. = BIG BEND
CC = COMBINED CYCLE
CT = COMBUSTION TURBINE
ST = STEAM TURBINE

[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] AC rating
[4] In Simple Cycle Mode

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: NOVEMBER 2023

(A) PLANT/UNIT	(B) NET CAPA-BILITY (MW)	(C) NET GENERATION (MWH)	(D) NET CAPACITY FACTOR (%)	(E) EQUIV. AVAIL. FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG. NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)	(J) FUEL HEAT VALUE (BTU/UNIT)	(K) FUEL BURNED (MM BTU) [2]	(L) AS BURNED FUEL COST ($) [1]	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF FUEL ($/UNIT)
1. TIA SOLAR	1.6	270	23.4	-	23.4	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.7	180	1.3	-	1.3	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	2,950	292.3	-	292.3	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	10,040	19.9	-	19.9	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	10,410	19.5	-	19.5	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	11,940	22.3	-	22.3	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	8,360	19.0	-	19.0	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	7,650	19.2	-	19.2	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	5,990	22.2	-	22.2	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.3	6,650	18.7	-	18.7	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	11,690	21.7	-	21.7	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	11,970	22.3	-	22.3	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	8,720	20.2	-	20.2	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	3,680.0	16.3	-	16.3	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	6,380.0	11.9	-	11.9	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	8,710.0	22.2	-	22.2	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	8,710.0	16.3	-	16.3	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	6,450.0	63.0	-	63.0	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	7,180.0	18.1	-	18.1	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	70.0	1,640.0	3.2	-	3.2	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	8,210.0	18.7	-	18.7	-	SOLAR	-	-	-	-	-	-
22. FUTURE SOLAR	25.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
23. FUTURE SOLAR	60.0	-	-	-	-	-	SOLAR	-	-	-	-	-	-
24. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
25. FUTURE SOLAR	74.5	-	-	-	-	-	SOLAR	-	-	-	-	-	-
26. SOLAR TOTAL [3]	**1321.5**	**147,780**	**15.5**	**-**	**15.5**	**-**	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
27. BIG BEND #1 CC TOTAL	**335**	**724,890**	**300.1**	**0.0**	**307.8**	**6,244**	**GAS**	**4,403,120**	**1,028,003**	**4,526,420.0**	**31,137,337**	**4.30**	**7.07**
28. BIG BEND #2 TOTAL	**0**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
29. B.B.#3 (GAS)	345	0	0.0	-	-	-	GAS	0	0	0.0	0	0.00	0.00
30. B.B.#3 (COAL)	0	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
31. BIG BEND #3 TOTAL	**345**	**0**	**0.0**	**43.8**	**0.0**	**0**		**-**	**-**	**0.0**	**0**	**0.00**	**-**
32. B.B.#4 (GAS)	422	9,690	3.2	-	-	-	GAS	108,330	1,027,970	111,360.0	766,072	7.91	7.07
33. B.B.#4 (COAL)	410	54,910	18.6	-	-	-	COAL	28,050	22,497,326	631,050.0	2,516,837	4.58	89.73
34. BIG BEND #4 TOTAL	**410**	**64,600**	**21.9**	**83.3**	**60.6**	**11,492**		**-**	**-**	**742,410.0**	**3,282,909**	**5.08**	**-**
35. B.B. IGNITION	-	-	-	-	-	-	GAS	5,010	1,027,944	5,150.0	35,429	-	7.07
36. B.B.C.T.#4 TOTAL	**56**	**960**	**2.4**	**98.3**	**81.6**	**11,938**	**GAS**	**11,160**	**1,026,882**	**11,460.0**	**78,920**	**8.22**	**7.07**
37. B.B.C.T.#5 TOTAL	**330**	**0**	**0.0**	**96.9**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
38. B.B.C.T.#6 TOTAL	**330**	**0**	**0.0**	**96.1**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
39. BIG BEND STATION TOTAL	**1,806**	**790,450**	**60.7**	**65.6**	**182.6**	**6,680**	**-**	**-**	**-**	**5,280,290.0**	**34,534,595**	**4.37**	**-**
40. POLK #1 GASIFIER	245	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
41. POLK #1 CT (GAS)	220	22,850	14.4	-	78.7	8,855	GAS	196,840	1,027,941	202,340.0	1,391,984	6.09	7.07
42. POLK #1 TOTAL	**245**	**22,850**	**12.9**	**93.8**	**78.7**	**8,855**	**-**	**-**	**-**	**202,340.0**	**1,391,984**	**6.09**	**-**
43. POLK #2 ST DUCT FIRING	120	5,550	6.4	-	63.4	8,270	GAS	44,650	1,027,996	45,900.0	315,749	5.69	7.07
44. POLK #2 ST W/O DUCT FIRING	360	298,780	-	-	-	-		2,057,365	1,028,004	2,114,980.0	14,548,972	4.87	7.07
45. POLK #2 ST TOTAL	**480**	**304,330**	**87.9**	**-**	**81.0**	**7,100**	**GAS**	**-**	**-**	**2,160,880.0**	**14,864,721**	**4.88**	**-**
46. POLK #2 CT (GAS)	150	90	0.1	-	60.0	13,667	GAS	1,200	1,025,000	1,230.0	8,487	9.43	7.07
47. POLK #2 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	333	5,855,856	1,950.0	47,413	31.61	142.38
48. POLK #2 TOTAL [4]	**150**	**240**	**0.2**	**-**	**77.7**	**13,250**	**-**	**-**	**-**	**3,180.0**	**55,900**	**23.29**	**-**
49. POLK #3 CT (GAS)	150	360	0.3	-	60.0	12,639	GAS	4,430	1,027,088	4,550.0	31,327	8.70	7.07
50. POLK #3 CT (OIL)	159	150	0.1	-	94.3	13,000	LGT OIL	332	5,873,494	1,950.0	47,270	31.51	142.38
51. POLK #3 TOTAL [4]	**150**	**510**	**0.5**	**-**	**67.2**	**12,745**	**-**	**-**	**-**	**6,500.0**	**78,597**	**15.41**	**-**

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: NOVEMBER 2023

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT		NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
52. POLK #4 CT (GAS) TOTAL	[4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
53. POLK #5 CT (GAS) TOTAL	[4]	**150**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
54. POLK #2 CC TOTAL		**1,080**	**305,080**	**39.2**	**97.4**	**80.9**	**7,115**	**-**	**-**	**-**	**2,170,560.0**	**14,999,218**	**4.92**	**-**
55. POLK STATION TOTAL		**1,325**	**327,930**	**34.3**	**96.8**	**80.6**	**7,236**	**-**	**-**	**-**	**2,372,900.0**	**16,391,202**	**5.00**	**-**
56. BAYSIDE #1		720	150,140	28.9	25.8	34.6	7,883	GAS	1,151,260	1,028,004	1,183,500.0	8,141,311	5.42	7.07
57. BAYSIDE #2		954	35,830	5.2	97.3	16.3	9,287	GAS	323,680	1,027,991	332,740.0	2,288,952	6.39	7.07
58. BAYSIDE #3		56	1,040	2.6	98.6	80.7	12,029	GAS	12,180	1,027,094	12,510.0	86,133	8.28	7.07
59. BAYSIDE #4		56	770	1.9	98.6	85.9	12,000	GAS	9,000	1,026,667	9,240.0	63,645	8.27	7.07
60. BAYSIDE #5		56	1,030	2.6	98.6	80.0	11,981	GAS	12,000	1,028,333	12,340.0	84,860	8.24	7.07
61. BAYSIDE #6		56	1,140	2.8	98.6	84.8	11,763	GAS	13,030	1,029,163	13,410.0	92,144	8.08	7.07
62. BAYSIDE STATION TOTAL		**1,898**	**189,950**	**13.9**	**70.3**	**28.8**	**8,232**	**GAS**	**1,521,150**	**1,027,999**	**1,563,740.0**	**10,757,045**	**5.66**	**7.07**
63. SYSTEM TOTAL		**6,351**	**1,456,110**	**31.8**	**59.9**	**104.8**	**6,330**	**-**	**-**	**-**	**9,216,930.0**	**61,682,842**	**4.24**	**-**

LEGEND:
B.B. = BIG BEND
CC = COMBINED CYCLE
CT = COMBUSTION TURBINE
ST = STEAM TURBINE

[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] AC rating
[4] In Simple Cycle Mode

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: DECEMBER 2023

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
1. TIA SOLAR	1.6	260	21.8	-	21.8	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.7	160	1.1	-	1.1	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.4	2,670	256.3	-	256.3	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	8,430	16.2	-	16.2	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	8,730	15.8	-	15.8	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	10,300	18.6	-	18.6	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.9	7,000	15.4	-	15.4	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	55.2	6,420	15.6	-	15.6	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	5,010	18.0	-	18.0	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.3	5,580	15.2	-	15.2	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	10,370	18.7	-	18.7	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	10,350	18.7	-	18.7	-	SOLAR	-	-	-	-	-	-
13. DURRANCE SOLAR	59.8	7,600	17.1	-	17.1	-	SOLAR	-	-	-	-	-	-
14. FUTURE SOLAR	31.4	3,090	13.2	-	13.2	-	SOLAR	-	-	-	-	-	-
15. FUTURE SOLAR	74.3	5,350	9.7	-	9.7	-	SOLAR	-	-	-	-	-	-
16. FUTURE SOLAR	54.4	7,300	18.0	-	18.0	-	SOLAR	-	-	-	-	-	-
17. FUTURE SOLAR	74.3	8,930	16.2	-	16.2	-	SOLAR	-	-	-	-	-	-
18. FUTURE SOLAR	14.2	5,410	51.2	-	51.2	-	SOLAR	-	-	-	-	-	-
19. FUTURE SOLAR	55.0	6,020	14.7	-	14.7	-	SOLAR	-	-	-	-	-	-
20. FUTURE SOLAR	70.0	1,380	2.6	-	2.6	-	SOLAR	-	-	-	-	-	-
21. FUTURE SOLAR	61.0	6,890	15.2	-	15.2	-	SOLAR	-	-	-	-	-	-
22. FUTURE SOLAR	25.0	2,280	12.3	-	12.3	-	SOLAR	-	-	-	-	-	-
23. FUTURE SOLAR	60.0	5,930	13.3	-	13.3	-	SOLAR	-	-	-	-	-	-
24. FUTURE SOLAR	74.5	7,360	13.3	-	13.3	-	SOLAR	-	-	-	-	-	-
25. FUTURE SOLAR	74.5	7,360	13.3	-	13.3	-	SOLAR	-	-	-	-	-	-
26. SOLAR TOTAL [3]	**1321.5**	**150,180**	**15.3**	**-**	**15.3**	**-**	**SOLAR**	**-**	**-**	**-**	**-**	**-**	**-**
27. BIG BEND #1 CC TOTAL	**1,120**	**776,200**	**93.1**	**98.0**	**95.5**	**6,279**	**GAS**	**4,741,110**	**1,028,000**	**4,873,860.0**	**34,626,944**	**4.46**	**7.30**
28. BIG BEND #2 TOTAL	**350**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
29. B.B.#3 (GAS)	355	0	0.0	-	-	-	GAS	0	0	0.0	0	0.00	0.00
30. B.B.#3 (COAL)	400	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
31. BIG BEND #3 TOTAL	**355**	**0**	**0.0**	**82.1**	**0.0**	**0**		**-**	**-**	**0.0**	**0**	**0.00**	**-**
32. B.B.#4 (GAS)	160	12,180	10.2	-	-	-	GAS	134,400	1,028,051	138,170.0	981,597	8.06	7.30
33. B.B.#4 (COAL)	432	69,010	21.5	-	-	-	COAL	34,800	22,498,851	782,960.0	3,142,712	4.55	90.31
34. BIG BEND #4 TOTAL	**432**	**81,190**	**25.3**	**89.3**	**58.7**	**11,345**		**-**	**-**	**921,130.0**	**4,124,309**	**5.08**	**-**
35. B.B. IGNITION	-	-	-	-	-	-	GAS	7,090	1,028,209	7,290.0	51,782	-	7.30
36. B.B.C.T.#4 TOTAL	**61**	**320**	**0.7**	**98.3**	**52.5**	**13,188**	**GAS**	**4,100**	**1,029,268**	**4,220.0**	**29,945**	**9.36**	**7.30**
37. B.B.C.T.#5 TOTAL	**350**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
38. B.B.C.T.#6 TOTAL	**350**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
39. BIG BEND STATION TOTAL	**3,018**	**857,710**	**38.2**	**60.8**	**80.5**	**6,761**	**-**	**-**	**-**	**5,799,210.0**	**38,832,980**	**4.53**	**-**
40. POLK #1 GASIFIER	220	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
41. POLK #1 CT (GAS)	230	16,700	9.8	-	74.1	8,954	GAS	145,460	1,027,980	149,530.0	1,062,375	6.36	7.30
42. POLK #1 TOTAL	**230**	**16,700**	**9.8**	**93.8**	**74.1**	**8,954**	**-**	**-**	**-**	**149,530.0**	**1,062,375**	**6.36**	**-**
43. POLK #2 ST DUCT FIRING	120	2,610	2.9	-	57.2	8,157	GAS	20,710	1,028,006	21,290.0	151,257	5.80	7.30
44. POLK #2 ST W/O DUCT FIRING	360	242,600	-	-	-	-		1,677,745	1,028,005	1,724,730.0	12,253,498	5.05	7.30
45. POLK #2 ST TOTAL	**480**	**245,210**	**68.7**	**-**	**81.2**	**7,121**	**GAS**	**-**	**-**	**1,746,020.0**	**12,404,755**	**5.06**	**-**
46. POLK #2 CT (GAS)	180	0	0.0	-	0.0	0	GAS	0	0	0.0	(1)	0.00	0.00
47. POLK #2 CT (OIL)	187	150	0.1	-	80.2	13,000	LGT OIL	333	5,855,856	1,950.0	47,403	31.60	142.35
48. POLK #2 TOTAL [4]	**180**	**150**	**0.1**	**-**	**80.2**	**13,000**	**-**	**-**	**-**	**1,950.0**	**47,402**	**31.60**	**-**
49. POLK #3 CT (GAS)	180	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
50. POLK #3 CT (OIL)	187	150	0.1	-	80.2	13,000	LGT OIL	332	5,873,494	1,950.0	47,260	31.51	142.35
51. POLK #3 TOTAL [4]	**180**	**150**	**0.1**	**-**	**80.2**	**13,000**	**-**	**-**	**-**	**1,950.0**	**47,260**	**31.51**	**-**

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: DECEMBER 2023

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT		NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) [2]	AS BURNED FUEL COST ($) [1]	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
52. POLK #4 CT (GAS) TOTAL	[4]	**180**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
53. POLK #5 CT (GAS) TOTAL	[4]	**180**	**0**	**0.0**	**-**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
54. POLK #2 CC TOTAL		**1,200**	**245,510**	**27.5**	**81.7**	**81.2**	**7,128**	**-**	**-**	**-**	**1,749,920.0**	**12,499,417**	**5.09**	**-**
55. POLK STATION TOTAL		**1,430**	**262,210**	**24.6**	**83.7**	**80.3**	**7,244**	**-**	**-**	**-**	**1,899,450.0**	**13,561,792**	**5.17**	**-**
56. BAYSIDE #1		792	127,940	21.7	96.6	33.2	7,699	GAS	958,180	1,028,001	985,010.0	6,998,118	5.47	7.30
57. BAYSIDE #2		1,047	136,560	17.5	97.3	18.3	8,615	GAS	1,144,450	1,027,996	1,176,490.0	8,358,550	6.12	7.30
58. BAYSIDE #3		61	310	0.7	98.6	46.2	13,742	GAS	4,140	1,028,986	4,260.0	30,237	9.75	7.30
59. BAYSIDE #4		61	270	0.6	98.6	44.3	14,148	GAS	3,730	1,024,129	3,820.0	27,242	10.09	7.30
60. BAYSIDE #5		61	260	0.6	98.6	42.6	14,500	GAS	3,670	1,027,248	3,770.0	26,804	10.31	7.30
61. BAYSIDE #6		61	310	0.7	98.6	46.2	13,903	GAS	4,200	1,026,190	4,310.0	30,675	9.90	7.30
62. BAYSIDE STATION TOTAL		**2,083**	**265,650**	**17.1**	**97.2**	**23.4**	**8,197**	**GAS**	**2,118,370**	**1,027,989**	**2,177,660.0**	**15,471,626**	**5.82**	**7.30**
63. SYSTEM TOTAL		**7,853**	**1,535,750**	**26.3**	**64.4**	**62.9**	**6,431**	**-**	**-**	**-**	**9,876,320.0**	**67,866,398**	**4.42**	**-**

LEGEND:
B.B. = BIG BEND
CC = COMBINED CYCLE
CT = COMBUSTION TURBINE
ST = STEAM TURBINE

[1] As burned fuel cost system total includes ignition
[2] Fuel burned (MM BTU) system total excludes ignition
[3] AC rating
[4] In Simple Cycle Mode

SCHEDULE E5

TAMPA ELECTRIC COMPANY
SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS
ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH JUNE 2023

		Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23
	HEAVY OIL						
1.	PURCHASES:						
2.	UNITS (BBL)	0	0	0	0	0	0
3.	UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
4.	AMOUNT ($)	0	0	0	0	0	0
5.	BURNED:						
6.	UNITS (BBL)	0	0	0	0	0	0
7.	UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
8.	AMOUNT ($)	0	0	0	0	0	0
9.	ENDING INVENTORY:						
10.	UNITS (BBL)	0	0	0	0	0	0
11.	UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
12.	AMOUNT ($)	0	0	0	0	0	0
13.	DAYS SUPPLY:	0	0	0	0	0	0
	LIGHT OIL						
14.	PURCHASES:						
15.	UNITS (BBL)	665	665	665	665	665	665
16.	UNIT COST ($/BBL)	146.18	146.18	146.18	146.18	146.18	146.18
17.	AMOUNT ($)	97,210	97,210	97,210	97,210	97,210	97,210
18.	BURNED:						
19.	UNITS (BBL)	665	665	665	665	665	665
20.	UNIT COST ($/BBL)	141.93	142.00	142.06	142.13	142.20	142.26
21.	AMOUNT ($)	94,382	94,428	94,473	94,517	94,561	94,604
22.	ENDING INVENTORY:						
23.	UNITS (BBL)	40,483	40,483	40,483	40,483	40,483	40,483
24.	UNIT COST ($/BBL)	141.89	141.96	142.03	142.09	142.16	142.22
25.	AMOUNT ($)	5,744,215	5,746,997	5,749,735	5,752,427	5,755,077	5,757,683
26.	DAYS SUPPLY: NORMAL	1,851,205	1,851,205	1,856,276	1,856,276	1,856,276	1,856,276
27.	DAYS SUPPLY: EMERGENCY	6	6	6	6	6	6
	COAL						
28.	PURCHASES:						
29.	UNITS (TONS)	41,850	41,650	41,650	41,650	41,650	41,650
30.	UNIT COST ($/TON)	91.44	91.44	91.44	91.44	91.44	91.44
31.	AMOUNT ($)	3,826,938	3,808,649	3,808,649	3,808,649	3,808,649	3,808,649
32.	BURNED:						
33.	UNITS (TONS)	107,170	30,760	39,630	0	0	31,490
34.	UNIT COST ($/TON)	70.66	75.84	78.11	0.00	0.00	85.38
35.	AMOUNT ($)	7,572,646	2,332,840	3,095,472	0	0	2,688,592
36.	ENDING INVENTORY:						
37.	UNITS (TONS)	141,180	152,070	154,090	195,740	237,390	247,550
38.	UNIT COST ($/TON)	68.98	74.02	77.78	80.69	82.58	83.76
39.	AMOUNT ($)	9,737,961	11,256,212	11,985,419	15,794,068	19,602,717	20,735,511
40.	DAYS SUPPLY:	72	192	358	566	328	205
	NATURAL GAS						
41.	PURCHASES:						
42.	UNITS (MCF)	8,078,345	7,825,885	8,544,725	9,028,365	10,775,735	11,452,675
43.	UNIT COST ($/MCF)	11.17	10.53	8.99	7.16	6.98	6.91
44.	AMOUNT ($)	90,260,834	82,376,494	76,853,956	64,687,863	75,187,616	79,141,950
45.	BURNED:						
46.	UNITS (MCF)	8,078,345	7,825,885	8,544,725	9,028,365	10,775,735	11,452,675
47.	UNIT COST ($/MCF)	11.17	10.55	9.06	7.24	6.98	6.91
48.	AMOUNT ($)	90,234,675	82,560,414	77,401,396	65,383,943	75,257,856	79,122,190
49.	ENDING INVENTORY:						
50.	UNITS (MCF)	389,105	389,105	389,105	389,105	389,105	389,105
51.	UNIT COST ($/MCF)	8.85	8.38	6.98	5.19	5.01	5.06
52.	AMOUNT ($)	3,445,440	3,261,520	2,714,080	2,018,001	1,947,760	1,967,520
53.	DAYS SUPPLY:	1	1	1	1	1	1
	NUCLEAR						
54.	BURNED:						
55.	UNITS (MMBTU)	0	0	0	0	0	0
56.	UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
57.	AMOUNT ($)	0	0	0	0	0	0
	OTHER						
58.	PURCHASES:						
59.	UNITS (MMBTU)	0	0	0	0	0	0
60.	UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
61.	AMOUNT ($)	0	0	0	0	0	0
62.	BURNED:						
63.	UNITS (MMBTU)	0	0	0	0	0	0
64.	UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
65.	AMOUNT ($)	0	0	0	0	0	0
66.	ENDING INVENTORY:						
67.	UNITS (MMBTU)	0	0	0	0	0	0
68.	UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
69.	AMOUNT ($)	0	0	0	0	0	0
70.	DAYS SUPPLY:	0	0	0	0	0	0

NOTE: BEGINNING & ENDING INVENTORIES MAY NOT BALANCE BECAUSE OF THE FOLLOWING
(1) LIGHT OIL-IGNITION AND ANALYSIS (2) COAL-IGNITION, ADDITIVES, ANALYSIS, AND INVENTORY ADJUSTMENT (3) GAS-IGNITION

SCHEDULE E5

TAMPA ELECTRIC COMPANY
SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS
ESTIMATED FOR THE PERIOD: JULY 2023 THROUGH DECEMBER 2023

		Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	TOTAL
	HEAVY OIL							
1.	PURCHASES:							
2.	UNITS (BBL)	0	0	0	0	0	0	0
3.	UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.	AMOUNT ($)	0	0	0	0	0	0	0
5.	BURNED:							
6.	UNITS (BBL)	0	0	0	0	0	0	0
7.	UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.	AMOUNT ($)	0	0	0	0	0	0	0
9.	ENDING INVENTORY:							
10.	UNITS (BBL)	0	0	0	0	0	0	0
11.	UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12.	AMOUNT ($)	0	0	0	0	0	0	0
13.	DAYS SUPPLY:	0	0	0	0	0	0	-
	LIGHT OIL							
14.	PURCHASES:							
15.	UNITS (BBL)	665	665	665	665	665	665	7,980
16.	UNIT COST ($/BBL)	146.18	145.11	143.81	142.57	141.49	140.50	144.73
17.	AMOUNT ($)	97,210	96,498	95,632	94,809	94,090	93,435	1,154,934
18.	BURNED:							
19.	UNITS (BBL)	665	665	665	665	665	665	7,980
20.	UNIT COST ($/BBL)	142.32	142.37	142.39	142.40	142.38	142.35	142.23
21.	AMOUNT ($)	94,646	94,676	94,691	94,693	94,683	94,663	1,135,017
22.	ENDING INVENTORY:							
23.	UNITS (BBL)	40,483	40,483	40,483	40,483	40,483	40,483	40,483
24.	UNIT COST ($/BBL)	142.29	142.33	142.36	142.36	142.34	142.31	142.31
25.	AMOUNT ($)	5,760,248	5,762,070	5,763,011	5,763,127	5,762,533	5,761,305	5,761,305
26.	DAYS SUPPLY: NORMAL	1,856,276	1,856,276	1,856,276	1,856,276	1,856,276	1,856,276	-
27.	DAYS SUPPLY: EMERGENCY	6	6	6	6	6	6	-
	COAL							
28.	PURCHASES:							
29.	UNITS (TONS)	41,650	41,650	41,650	41,650	41,650	41,650	500,000
30.	UNIT COST ($/TON)	91.44	91.44	91.44	91.44	91.44	91.44	91.44
31.	AMOUNT ($)	3,808,649	3,808,649	3,808,649	3,808,649	3,808,649	3,808,649	45,722,077
32.	BURNED:							
33.	UNITS (TONS)	35,080	44,270	66,390	77,130	28,050	34,800	494,770
34.	UNIT COST ($/TON)	86.50	88.11	88.23	89.00	89.73	90.31	82.88
35.	AMOUNT ($)	3,034,523	3,900,479	5,857,911	6,864,534	2,516,837	3,142,712	41,006,546
36.	ENDING INVENTORY:							
37.	UNITS (TONS)	254,120	251,500	226,760	191,280	204,880	211,730	211,730
38.	UNIT COST ($/TON)	84.70	85.41	85.81	85.91	86.57	86.98	86.98
39.	AMOUNT ($)	21,523,826	21,479,903	19,457,495	16,432,808	17,735,966	18,415,979	18,415,979
40.	DAYS SUPPLY:	160	123	120	126	111	112	-
	NATURAL GAS							
41.	PURCHASES:							
42.	UNITS (MCF)	12,118,035	12,354,675	11,012,615	10,022,165	8,353,255	8,848,985	118,415,460
43.	UNIT COST ($/MCF)	6.95	6.94	6.99	7.09	7.08	7.31	7.69
44.	AMOUNT ($)	84,208,461	85,723,879	76,957,035	71,059,854	59,135,882	64,717,663	910,311,487
45.	BURNED:							
46.	UNITS (MCF)	12,118,035	12,354,675	11,012,615	10,022,165	8,353,255	8,848,985	118,415,460
47.	UNIT COST ($/MCF)	6.95	6.94	6.99	7.09	7.07	7.30	7.70
48.	AMOUNT ($)	84,186,701	85,720,520	76,965,835	71,039,133	59,071,322	64,629,023	911,573,008
49.	ENDING INVENTORY:							
50.	UNITS (MCF)	389,105	389,105	389,105	389,105	389,105	389,105	389,105
51.	UNIT COST ($/MCF)	5.11	5.12	5.10	5.15	5.32	5.55	5.55
52.	AMOUNT ($)	1,989,280	1,992,640	1,983,840	2,004,561	2,069,120	2,157,760	2,157,760
53.	DAYS SUPPLY:	1	1	1	1	1	1	-
	NUCLEAR							
54.	BURNED:							
55.	UNITS (MMBTU)	0	0	0	0	0	0	0
56.	UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57.	AMOUNT ($)	0	0	0	0	0	0	0
	OTHER							
58.	PURCHASES:							
59.	UNITS (MMBTU)	0	0	0	0	0	0	0
60.	UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61.	AMOUNT ($)	0	0	0	0	0	0	0
62.	BURNED:							
63.	UNITS (MMBTU)	0	0	0	0	0	0	0
64.	UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65.	AMOUNT ($)	0	0	0	0	0	0	0
66.	ENDING INVENTORY:							
67.	UNITS (MMBTU)	0	0	0	0	0	0	0
68.	UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
69.	AMOUNT ($)	0	0	0	0	0	0	0
70.	DAYS SUPPLY:	0	0	0	0	0	0	-

NOTE: BEGINNING & ENDING INVENTORIES MAY NOT BALANCE BECAUSE OF THE FOLLOWING
(1) LIGHT OIL-IGNITION AND ANALYSIS (2) COAL-IGNITION, ADDITIVES, ANALYSIS, AND INVENTORY ADJUSTMENT (3) GAS-IGNITION

TAMPA ELECTRIC COMPANY **SCHEDULE E6**
POWER SOLD
ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH JUNE 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
				MWH WHEELED		CENTS/KWH				
MONTH	SOLD TO	TYPE & SCHEDULE	TOTAL MWH SOLD	FROM OTHER SYSTEMS	MWH FROM OWN GENERATION	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJUSTMENT	TOTAL COST $	GAINS ON SALES
Jan-23	SEMINOLE	JURISD. SCH. - D	4,140.0	0.0	4,140.0	6.406	7.001	265,220.00	289,859.00	24,639.00
	VARIOUS	JURISD. MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL		**4,140.0**	**0.0**	**4,140.0**	**6.406**	**7.001**	**265,220.00**	**289,859.00**	**24,639.00**
Feb-23	SEMINOLE	JURISD. SCH. - D	4,260.0	0.0	4,260.0	6.153	6.724	262,110.00	286,460.00	24,350.00
	VARIOUS	JURISD. MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL		**4,260.0**	**0.0**	**4,260.0**	**6.153**	**6.724**	**262,110.00**	**286,460.00**	**24,350.00**
Mar-23	SEMINOLE	JURISD. SCH. - D	3,950.0	0.0	3,950.0	5.323	5.817	210,250.00	229,782.00	19,532.00
	VARIOUS	JURISD. MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL		**3,950.0**	**0.0**	**3,950.0**	**5.323**	**5.817**	**210,250.00**	**229,782.00**	**19,532.00**
Apr-23	SEMINOLE	JURISD. SCH. - D	2,550.0	0.0	2,550.0	4.129	4.512	105,280.00	115,061.00	9,781.00
	VARIOUS	JURISD. MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL		**2,550.0**	**0.0**	**2,550.0**	**4.129**	**4.512**	**105,280.00**	**115,061.00**	**9,781.00**
May-23	SEMINOLE	JURISD. SCH. - D	3,290.0	0.0	3,290.0	4.174	4.562	137,340.00	150,099.00	12,759.00
	VARIOUS	JURISD. MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL		**3,290.0**	**0.0**	**3,290.0**	**4.174**	**4.562**	**137,340.00**	**150,099.00**	**12,759.00**
Jun-23	SEMINOLE	JURISD. SCH. - D	2,460.0	0.0	2,460.0	4.310	4.711	106,030.00	115,880.00	9,850.00
	VARIOUS	JURISD. MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL		**2,460.0**	**0.0**	**2,460.0**	**4.310**	**4.711**	**106,030.00**	**115,880.00**	**9,850.00**

TAMPA ELECTRIC COMPANY **SCHEDULE E6**

POWER SOLD

ESTIMATED FOR THE PERIOD: JULY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
				MWH		CENTS/KWH				
		TYPE	TOTAL	WHEELED FROM	MWH	(A)	(B)	TOTAL $		
		&	MWH	OTHER	FROM OWN	FUEL	TOTAL	FOR FUEL	TOTAL COST	GAINS ON
MONTH	SOLD TO	SCHEDULE	SOLD	SYSTEMS	GENERATION	COST	COST	ADJUSTMENT	$	SALES
Jul-23	SEMINOLE JURISD.	SCH. - D	2,660.0	0.0	2,660.0	4.314	4.714	114,740.00	125,399.00	10,659.00
	VARIOUS JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL		**2,660.0**	**0.0**	**2,660.0**	**4.314**	**4.714**	**114,740.00**	**125,399.00**	**10,659.00**
Aug-23	SEMINOLE JURISD.	SCH. - D	2,860.0	0.0	2,860.0	4.383	4.790	125,360.00	137,006.00	11,646.00
	VARIOUS JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL		**2,860.0**	**0.0**	**2,860.0**	**4.383**	**4.790**	**125,360.00**	**137,006.00**	**11,646.00**
Sep-23	SEMINOLE JURISD.	SCH. - D	3,830.0	0.0	3,830.0	4.509	4.927	172,680.00	188,722.00	16,042.00
	VARIOUS JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL		**3,830.0**	**0.0**	**3,830.0**	**4.509**	**4.927**	**172,680.00**	**188,722.00**	**16,042.00**
Oct-23	SEMINOLE JURISD.	SCH. - D	3,240.0	0.0	3,240.0	4.569	4.993	148,020.00	161,771.00	13,751.00
	VARIOUS JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL		**3,240.0**	**0.0**	**3,240.0**	**4.569**	**4.993**	**148,020.00**	**161,771.00**	**13,751.00**
Nov-23	SEMINOLE JURISD.	SCH. - D	3,760.0	0.0	3,760.0	4.181	4.569	157,200.00	171,804.00	14,604.00
	VARIOUS JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL		**3,760.0**	**0.0**	**3,760.0**	**4.181**	**4.569**	**157,200.00**	**171,804.00**	**14,604.00**
Dec-23	SEMINOLE JURISD.	SCH. - D	3,120.0	0.0	3,120.0	4.272	4.669	133,300.00	145,684.00	12,384.00
	VARIOUS JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL		**3,120.0**	**0.0**	**3,120.0**	**4.272**	**4.669**	**133,300.00**	**145,684.00**	**12,384.00**
TOTAL										
Jan-23	SEMINOLE JURISD.	SCH. - D	40,120.0	0.0	40,120.0	4.829	5.278	1,937,530.00	2,117,527.00	179,997.00
THRU	VARIOUS JURISD.	MKT. BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
Dec-23	**TOTAL**		**40,120.0**	**0.0**	**40,120.0**	**4.829**	**5.278**	**1,937,530.00**	**2,117,527.00**	**179,997.00**

TAMPA ELECTRIC COMPANY **SCHEDULE E7**
PURCHASED POWER
EXCLUSIVE OF ECONOMY AND QUALIFYING FACILITIES
ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
							CENTS/KWH		
MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR OTHER UTILITIES	MWH FOR INTERRUP-TIBLE	MWH FOR FIRM	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJUSTMENT
Jan-23	VARIOUS	FIRM	50.0	0.0	0.0	50.0	10.160	10.160	5,080.00
	TOTAL		**50.0**	**0.0**	**0.0**	**50.0**	**10.160**	**10.160**	**5,080.00**
Feb-23	VARIOUS	FIRM	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		**0.0**	**0.0**	**0.0**	**0.0**	**0.000**	**0.000**	**0.00**
Mar-23	VARIOUS	FIRM	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		**0.0**	**0.0**	**0.0**	**0.0**	**0.000**	**0.000**	**0.00**
Apr-23	VARIOUS	FIRM	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		**0.0**	**0.0**	**0.0**	**0.0**	**0.000**	**0.000**	**0.00**
May-23	VARIOUS	FIRM	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		**0.0**	**0.0**	**0.0**	**0.0**	**0.000**	**0.000**	**0.00**
Jun-23	VARIOUS	FIRM	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		**0.0**	**0.0**	**0.0**	**0.0**	**0.000**	**0.000**	**0.00**
Jul-23	VARIOUS	FIRM	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		**0.0**	**0.0**	**0.0**	**0.0**	**0.000**	**0.000**	**0.00**
Aug-23	VARIOUS	FIRM	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		**0.0**	**0.0**	**0.0**	**0.0**	**0.000**	**0.000**	**0.00**
Sep-23	VARIOUS	FIRM	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		**0.0**	**0.0**	**0.0**	**0.0**	**0.000**	**0.000**	**0.00**
Oct-23	VARIOUS	FIRM	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		**0.0**	**0.0**	**0.0**	**0.0**	**0.000**	**0.000**	**0.00**
Nov-23	VARIOUS	FIRM	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		**0.0**	**0.0**	**0.0**	**0.0**	**0.000**	**0.000**	**0.00**
Dec-23	VARIOUS	FIRM	140.0	0.0	0.0	140.0	9.850	9.850	13,790.00
	TOTAL		**140.0**	**0.0**	**0.0**	**140.0**	**9.850**	**9.850**	**13,790.00**
TOTAL									
Jan-23	**VARIOUS**	**FIRM**	190.0	0.0	0.0	190.0	9.932	9.932	18,870.00
THRU	**TOTAL**		**190.0**	**0.0**	**0.0**	**190.0**	**9.932**	**9.932**	**18,870.00**
Dec-23									

TAMPA ELECTRIC COMPANY **SCHEDULE E8**
ENERGY PAYMENT TO QUALIFYING FACILITIES
ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
							CENTS/KWH		
MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR OTHER UTILITIES	MWH FOR INTERRUP-TIBLE	MWH FOR FIRM	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJUST-MENT
Jan-23	VARIOUS	CO-GEN.							
		AS AVAIL.	5,740.0	0.0	0.0	5,740.0	3.203	3.203	183,860.00
	TOTAL		**5,740.0**	**0.0**	**0.0**	**5,740.0**	**3.203**	**3.203**	**183,860.00**
Feb-23	VARIOUS	CO-GEN.							
		AS AVAIL.	5,240.0	0.0	0.0	5,240.0	3.102	3.102	162,520.00
	TOTAL		**5,240.0**	**0.0**	**0.0**	**5,240.0**	**3.102**	**3.102**	**162,520.00**
Mar-23	VARIOUS	CO-GEN.							
		AS AVAIL.	5,500.0	0.0	0.0	5,500.0	2.629	2.629	144,580.00
	TOTAL		**5,500.0**	**0.0**	**0.0**	**5,500.0**	**2.629**	**2.629**	**144,580.00**
Apr-23	VARIOUS	CO-GEN.							
		AS AVAIL.	5,190.0	0.0	0.0	5,190.0	2.547	2.547	132,170.00
	TOTAL		**5,190.0**	**0.0**	**0.0**	**5,190.0**	**2.547**	**2.547**	**132,170.00**
May-23	VARIOUS	CO-GEN.							
		AS AVAIL.	5,510.0	0.0	0.0	5,510.0	2.775	2.775	152,920.00
	TOTAL		**5,510.0**	**0.0**	**0.0**	**5,510.0**	**2.775**	**2.775**	**152,920.00**
Jun-23	VARIOUS	CO-GEN.							
		AS AVAIL.	5,420.0	0.0	0.0	5,420.0	2.608	2.608	141,350.00
	TOTAL		**5,420.0**	**0.0**	**0.0**	**5,420.0**	**2.608**	**2.608**	**141,350.00**
Jul-23	VARIOUS	CO-GEN.							
		AS AVAIL.	5,310.0	0.0	0.0	5,310.0	3.105	3.105	164,850.00
	TOTAL		**5,310.0**	**0.0**	**0.0**	**5,310.0**	**3.105**	**3.105**	**164,850.00**
Aug-23	VARIOUS	CO-GEN.							
		AS AVAIL.	5,330.0	0.0	0.0	5,330.0	2.589	2.589	138,020.00
	TOTAL		**5,330.0**	**0.0**	**0.0**	**5,330.0**	**2.589**	**2.589**	**138,020.00**
Sep-23	VARIOUS	CO-GEN.							
		AS AVAIL.	5,550.0	0.0	0.0	5,550.0	2.633	2.633	146,150.00
	TOTAL		**5,550.0**	**0.0**	**0.0**	**5,550.0**	**2.633**	**2.633**	**146,150.00**
Oct-23	VARIOUS	CO-GEN.							
		AS AVAIL.	5,580.0	0.0	0.0	5,580.0	2.543	2.543	141,890.00
	TOTAL		**5,580.0**	**0.0**	**0.0**	**5,580.0**	**2.543**	**2.543**	**141,890.00**
Nov-23	VARIOUS	CO-GEN.							
		AS AVAIL.	4,920.0	0.0	0.0	4,920.0	2.644	2.644	130,070.00
	TOTAL		**4,920.0**	**0.0**	**0.0**	**4,920.0**	**2.644**	**2.644**	**130,070.00**
Dec-23	VARIOUS	CO-GEN.							
		AS AVAIL.	5,680.0	0.0	0.0	5,680.0	2.631	2.631	149,440.00
	TOTAL		**5,680.0**	**0.0**	**0.0**	**5,680.0**	**2.631**	**2.631**	**149,440.00**
TOTAL	VARIOUS	CO-GEN.							
Jan-23		AS AVAIL.	64,970.0	0.0	0.0	64,970.0	2.752	2.752	1,787,820.00
THRU	TOTAL		**64,970.0**	**0.0**	**0.0**	**64,970.0**	**2.752**	**2.752**	**1,787,820.00**
Dec-23									

TAMPA ELECTRIC COMPANY
ECONOMY ENERGY PURCHASES
ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023

SCHEDULE E9

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		(10)
								COST IF GENERATED		
MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR INTERRUP-TIBLE	MWH FOR FIRM	TRANSACT. COST cents/KWH	TOTAL $ FOR FUEL ADJUSTMENT	(A) CENTS PER KWH	(B) DOLLARS	FUEL SAVINGS (9B)-(8)
Jan-23	VARIOUS	SCH. - J	700.0	0.0	700.0	18.899	132,290.00	69.407	485,850.00	353,560.00
Feb-23	VARIOUS	SCH. - J	0.0	0.0	0.0	0.000	0.00	0.000	725,180.00	725,180.00
Mar-23	VARIOUS	SCH. - J	930.0	0.0	930.0	7.844	72,950.00	127.173	1,182,710.00	1,109,760.00
Apr-23	VARIOUS	SCH. - J	340.0	0.0	340.0	7.306	24,840.00	255.606	869,060.00	844,220.00
May-23	VARIOUS	SCH. - J	1,470.0	0.0	1,470.0	4.382	64,420.00	133.584	1,963,690.00	1,899,270.00
Jun-23	VARIOUS	SCH. - J	1,000.0	0.0	1,000.0	6.448	64,480.00	160.602	1,606,020.00	1,541,540.00
Jul-23	VARIOUS	SCH. - J	480.0	0.0	480.0	12.015	57,670.00	409.646	1,966,300.00	1,908,630.00
Aug-23	VARIOUS	SCH. - J	2,060.0	0.0	2,060.0	8.044	165,710.00	98.803	2,035,350.00	1,869,640.00
Sep-23	VARIOUS	SCH. - J	11,080.0	0.0	11,080.0	12.109	1,341,690.00	56.993	6,314,820.00	4,973,130.00
Oct-23	VARIOUS	SCH. - J	10,010.0	0.0	10,010.0	7.141	714,780.00	51.120	5,117,070.00	4,402,290.00
Nov-23	VARIOUS	SCH. - J	7,390.0	0.0	7,390.0	6.315	466,690.00	43.765	3,234,240.00	2,767,550.00
Dec-23	VARIOUS	SCH. - J	1,200.0	0.0	1,200.0	18.629	223,550.00	80.659	967,910.00	744,360.00
TOTAL	VARIOUS	SCH. - J	**36,660.0**	**0.0**	**36,660.0**	**9.081**	**3,329,070.00**	**72.199**	**26,468,200.00**	**23,139,130.00**

SCHEDULE E10

TAMPA ELECTRIC COMPANY
RESIDENTIAL BILL COMPARISON
FOR MONTHLY USAGE OF 1,000 KWH

	Current Apr 2022 - Aug 2022	Current Sep 2022 - Dec 2022	Projected Jan 2023 - Dec 2023	Difference $	Difference %
Base Rate Revenue (1)	78.69	79.46	86.22	6.76	8.5%
Fuel Recovery Revenue	37.91	37.91	45.25	7.34	19.4%
Conservation Revenue	2.36	2.36	2.81	0.45	19.1%
Capacity Revenue	0.53	0.53	(0.18)	(0.71)	-134.0%
Environmental Revenue	1.38	1.38	0.92	(0.46)	-33.3%
Storm Protection Plan Revenue	3.29	3.29	3.76	0.47	14.3%
Clean Energy Transition Mechanism	4.41	4.41	4.41	0.00	0.0%
Florida Gross Receipts Tax Revenue	3.30	3.32	3.67	0.35	10.5%
TOTAL REVENUE	**$131.87**	**$132.66**	**$146.86**	**$14.20**	**10.7%**

(1) Includes Proposed 2023 Generation Base Rate Adjustment provision in the 2021 Agreement

DOCKET NO. 20220001-EI
EXHIBIT NO. MAS-3
DOCUMENT NO. 2, PAGE 41 OF 42

SCHEDULE H1

TAMPA ELECTRIC COMPANY
GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
PERIOD: JANUARY THROUGH DECEMBER

	ACTUAL 2020	ACTUAL 2021	ACT/EST 2022	EST 2023	DIFFERENCE (%) 2021-2020	2022-2021	2023-2022
FUEL COST OF SYSTEM NET GENERATION ($)							
1 HEAVY OIL [1]	0	0	0	0	0.0%	0.0%	0.0%
2 LIGHT OIL [1]	636,201	833,691	2,830,275	1,135,017	31.0%	239.5%	-59.9%
3 COAL	33,991,967	48,429,754	41,102,981	41,006,546	42.5%	-15.1%	-0.2%
4 NATURAL GAS	379,848,073	613,516,607	999,057,535	911,573,008	61.5%	62.8%	-8.8%
5 SOLAR	0	0	0	0	0.0%	0.0%	0.0%
6 OTHER	0	0	0	0	0.0%	0.0%	0.0%
7 TOTAL ($)	**414,476,241**	**662,780,052**	**1,042,990,791**	**953,714,571**	**59.9%**	**57.4%**	**-8.6%**
SYSTEM NET GENERATION (MWH)							
8 HEAVY OIL [1]	0	0	0	0	0.0%	0.0%	0.0%
9 LIGHT OIL [1]	1,901	2,024	7,336	3,600	6.5%	262.5%	-50.9%
10 COAL	903,680	1,340,015	1,266,597	1,013,080	48.3%	-5.5%	-20.0%
11 NATURAL GAS	16,519,857	16,142,165	17,047,483	17,542,780	-2.3%	5.6%	2.9%
12 SOLAR	1,119,822	1,252,466	1,751,392	2,399,520	11.8%	39.8%	37.0%
13 OTHER	0	0	0	0	0.0%	0.0%	0.0%
14 TOTAL (MWH)	**18,545,260**	**18,736,670**	**20,072,808**	**20,958,980**	**1.0%**	**7.1%**	**4.4%**
UNITS OF FUEL BURNED							
15 HEAVY OIL (BBL) [1]	0	0	0	0	0.0%	0.0%	0.0%
16 LIGHT OIL (BBL) [1]	4,345	5,880	20,684	7,980	35.3%	251.8%	-61.4%
17 COAL (TON)	431,512	637,962	611,561	494,770	47.8%	-4.1%	-19.1%
18 NATURAL GAS (MCF)	127,992,191	124,139,525	126,142,120	118,415,460	-3.0%	1.6%	-6.1%
19 SOLAR	0	0	0	0	0.0%	0.0%	0.0%
20 OTHER	0	0	0	0	0.0%	0.0%	0.0%
BTUS BURNED (MMBTU)							
21 HEAVY OIL [1]	0	0	0	0	0.0%	0.0%	0.0%
22 LIGHT OIL [1]	25,328	34,272	120,715	46,800	35.3%	252.2%	-61.2%
23 COAL	9,830,729	14,535,162	13,776,770	11,132,550	47.9%	-5.2%	-19.2%
24 NATURAL GAS	131,021,110	126,980,604	129,656,183	121,654,380	-3.1%	2.1%	-6.2%
25 SOLAR	0	0	0	0	0.0%	0.0%	0.0%
26 OTHER	0	0	0	0	0.0%	0.0%	0.0%
27 TOTAL (MMBTU)	**140,877,167**	**141,550,038**	**143,553,668**	**132,833,730**	**0.5%**	**1.4%**	**-7.5%**
GENERATION MIX (% MWH)							
28 HEAVY OIL [1]	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
29 LIGHT OIL [1]	0.01	0.01	0.04	0.02	0.0%	300.0%	-50.0%
30 COAL	4.87	7.16	6.30	4.83	47.0%	-12.0%	-23.3%
31 NATURAL GAS	89.08	86.15	84.93	83.70	-3.3%	-1.4%	-1.4%
32 SOLAR	6.04	6.68	8.73	11.45	10.6%	30.7%	31.2%
33 OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
34 TOTAL (%)	**100.00**	**100.00**	**100.00**	**100.00**	**0.0%**	**0.0%**	**0.0%**
FUEL COST PER UNIT							
35 HEAVY OIL ($/BBL) [1]	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
36 LIGHT OIL ($/BBL) [1]	146.42	141.78	136.83	142.23	-3.2%	-3.5%	3.9%
37 COAL ($/TON)	78.77	75.91	67.21	82.88	-3.6%	-11.5%	23.3%
38 NATURAL GAS ($/MCF)	2.97	4.94	7.92	7.70	66.3%	60.3%	-2.8%
39 SOLAR	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
40 OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
FUEL COST PER MMBTU ($/MMBTU)							
41 HEAVY OIL [1]	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
42 LIGHT OIL [1]	25.12	24.33	23.45	24.25	-3.1%	-3.6%	3.4%
43 COAL	3.46	3.33	2.98	3.68	-3.8%	-10.5%	23.5%
44 NATURAL GAS	2.90	4.83	7.71	7.49	66.6%	59.6%	-2.9%
45 SOLAR	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
46 OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
47 TOTAL ($/MMBTU)	**2.94**	**4.68**	**7.27**	**7.18**	**59.2%**	**55.3%**	**-1.2%**
BTU BURNED PER KWH (BTU/KWH)							
48 HEAVY OIL [1]	0	0	0	0	0.0%	0.0%	0.0%
49 LIGHT OIL [1]	13,324	16,933	16,455	13,000	27.1%	-2.8%	-21.0%
50 COAL	10,879	10,847	10,877	10,989	-0.3%	0.3%	1.0%
51 NATURAL GAS	7,931	7,866	7,606	6,935	-0.8%	-3.3%	-8.8%
52 SOLAR	0	0	0	0	0.0%	0.0%	0.0%
53 OTHER	0	0	0	0	0.0%	0.0%	0.0%
54 TOTAL (BTU/KWH)	**7,596**	**7,555**	**7,152**	**6,338**	**-0.5%**	**-5.3%**	**-11.4%**
GENERATED FUEL COST PER KWH (cents/KWH)							
55 HEAVY OIL [1]	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
56 LIGHT OIL [1]	33.47	41.19	38.58	31.53	23.1%	-6.3%	-18.3%
57 COAL	3.76	3.61	3.25	4.05	-4.0%	-10.0%	24.6%
58 NATURAL GAS	2.30	3.80	5.86	5.20	65.2%	54.2%	-11.3%
59 SOLAR	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
60 OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
61 TOTAL (cents/KWH)	**2.23**	**3.54**	**5.20**	**4.55**	**58.7%**	**46.9%**	**-12.5%**

[1] DISTILLATE (BBLS, MWH & $) USED FOR FIRING, HOT STANDBY, ETC. IS INCLUDED IN FOSSIL STEAM PLANTS.

EXHIBIT TO THE TESTIMONY OF

M. ASHLEY SIZEMORE

DOCUMENT NO. 3

LEVELIZED AND TIERED FUEL RATE

JANUARY 2023 - DECEMBER 2023

Tampa Electric Company
Comparison of Levelized and Tiered Fuel Revenues
For the Period January 2023 through December 2023

	Annual Units MWH	Levelized Fuel Rate Cents/kWh	Annual Fuel Revenues $	Tiered Fuel Rates Cents/kWh	Annual Fuel Revenues $
Residential Excluding TOU:					
TIER I (Up to 1,000) kWh	6,858,868	4.832	331,420,508	4.525	310,363,783
TIER II (Over 1,000) kWh	3,038,488	4.832	146,819,763	5.525	167,876,488
Total	9,897,357		478,240,271		478,240,271

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 34
PARTY: PAB-1
DESCRIPTION: Final True-Up Generating Performance Incentive Factor January 2021-December 2021 Actual Unit Perfor...

GENERATING PERFORMANCE INCENTIVE FACTOR

INDEX

DOCUMENT NO.	TITLE	BATES STAMPED PAGE NO.
1	GPIF Schedules	9
2	Actual Unit Performance Data	36

EXHIBIT NO. PAB-1
TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
GPIF 2021 FINAL TRUE-UP
DOCUMENT NO. 1

EXHIBIT TO THE TESTIMONY OF

PATRICK A. BOKOR

DOCKET NO. 20220001-EI

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE FACTOR

JANUARY 2021 – DECEMBER 2021

TRUE-UP

DOCUMENT NO. 1

GPIF SCHEDULES

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
JANUARY 2021 - DECEMBER 2021
TRUE-UP
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TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
REWARD / PENALTY TABLE - ACTUAL
JANUARY 2021 - DECEMBER 2021

GENERATING PERFORMANCE INCENTIVE POINTS (GPIP)	FUEL SAVINGS / (LOSS) ($000)	GENERATING PERFORMANCE INCENTIVE FACTOR ($000)
+10	14,003.9	7,002.0
+9	12,603.5	6,301.8
+8	11,203.1	5,601.6
+7	9,802.7	4,901.4
+6	8,402.4	4,201.2
+5	7,002.0	3,501.0
+4	5,601.6	2,800.8
+3	4,201.2	2,100.6
+2	2,800.8	1,400.4
+1	1,400.4	700.2
0	0.0	0.0
-1	(1,450.1)	(700.2)
-2	(2,900.2)	(1,400.4)
-3	(4,350.3)	(2,100.6)
-4	(5,800.4)	(2,800.8)
-5	(7,250.5)	(3,501.0)
-6	(8,700.6)	(4,201.2)
-7	(10,150.7)	(4,901.4)
-8	(11,600.7)	(5,601.6)
-9	(13,050.8)	(6,301.8)
-10	(14,500.9)	(7,002.0)

GPI POINTS 0.780 ← **REWARD DOLLARS $546,170** →

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS - ACTUAL
JANUARY 2021 - DECEMBER 2021

Line 1	Beginning of period balance of common equity: End of month common equity:		$	3,554,661,131
Line 2	Month of January	2021	$	3,576,400,212
Line 3	Month of February	2021	$	3,638,551,304
Line 4	Month of March	2021	$	3,659,200,499
Line 5	Month of April	2021	$	3,615,814,314
Line 6	Month of May	2021	$	3,771,407,369
Line 7	Month of June	2021	$	3,810,636,583
Line 8	Month of July	2021	$	3,856,611,946
Line 9	Month of August	2021	$	3,917,015,558
Line 10	Month of September	2021	$	3,958,274,963
Line 11	Month of October	2021	$	3,996,433,814
Line 12	Month of November	2021	$	3,991,521,642
Line 13	Month of December	2021	$	4,006,405,387
Line 14	(Summation of line 1 through line 13 divided by 13)		$	3,796,379,594
Line 15	25 Basis points			0.0025
Line 16	Revenue Expansion Factor			73.87%
Line 17	Maximum Allowed Incentive Dollars (line 14 times line 15 divided by line 16)		$	12,848,828
Line 18	Jurisdictional Sales			20,088,329 MWH
Line 19	Total Sales			20,088,329 MWH
Line 20	Jurisdictional Separation Factor (line 18 divided by line 19)			100.00%
Line 21	Maximum Allowed Jurisdictional Incentive Dollars (line 17 times line 20)		$	12,848,828
Line 22	Incentive Cap (50% of projected fuel savings at 10 GPIF-Point level from Sheet No. 3.515)		$	7,001,961
Line 23	**Maximum Allowed GPIF Reward (At 10 GPIF-Point Level; the lesser of line 21 and line 22)**		**$**	**7,001,961**

TAMPA ELECTRIC COMPANY
CALCULATION OF SYSTEM GPIF POINTS - ACTUAL
JANUARY 2021 - DECEMBER 2021

PLANT / UNIT	12 MONTH ADJ. ACTUAL PERFORMANCE		WEIGHTING FACTOR %	UNIT POINTS	WEIGHTED UNIT POINTS
BIG BEND 4	70.6%	EAF	1.29%	10.000	0.129
POLK 1	46.3%	EAF	4.82%	-10.000	-0.482
POLK 2	80.3%	EAF	1.53%	-1.091	-0.017
BAYSIDE 1	90.3%	EAF	16.01%	-10.000	-1.601
BAYSIDE 2	94.3%	EAF	7.45%	10.000	0.745
BIG BEND 4	11,200	ANOHR	13.68%	5.570	0.762
POLK 1	9,360	ANOHR	8.34%	4.232	0.353
POLK 2	6,976	ANOHR	23.74%	0.000	0.000
BAYSIDE 1	7,343	ANOHR	10.83%	0.000	0.000
BAYSIDE 2	7,330	ANOHR	12.31%	7.239	0.891
			100.00%		0.780

GPIF REWARD	**$ 546,170**

TAMPA ELECTRIC COMPANY
GPIF TARGET AND RANGE SUMMARY

EQUIVALENT AVAILABILITY (%)

PLANT / UNIT	WEIGHTING FACTOR (%)	EAF TARGET (%)	EAF RANGE MAX. (%)	EAF RANGE MIN. (%)	MAX. FUEL SAVINGS ($000)	MAX. FUEL LOSS ($000)	EAF ADJUSTED ACTUAL (%)	EST. FUEL SAVINGS/ LOSS ($000)
BIG BEND 4	1.29%	54.0	60.7	40.4	181.0	(860.3)	70.6%	181.0
POLK 1	4.82%	77.7	82.1	72.4	675.5	(1,134.0)	46.3%	(1,134.0)
POLK 2	1.53%	80.6	82.1	77.7	213.7	(1,325.4)	80.3%	(144.7)
BAYSIDE 1	16.01%	93.9	94.5	92.6	2,242.6	(74.8)	90.3%	(74.8)
BAYSIDE 2	7.45%	90.9	92.2	88.5	1,043.8	(1,459.2)	94.3%	1,043.8
GPIF SYSTEM	**31.11%**				**4,356.7**	**(4,853.7)**		

AVERAGE NET OPERATING HEAT RATE (Btu/kwh)

PLANT / UNIT	WEIGHTING FACTOR (%)	TARGET ANOHR (Btu/kwh)	TARGET NOF (%)	ANOHR TARGET RANGE MIN.	ANOHR TARGET RANGE MAX.	MAX. FUEL SAVINGS ($000)	MAX. FUEL LOSS ($000)	ACTUAL ADJUSTED ANOHR	EST. FUEL SAVINGS/ LOSS ($000)
BIG BEND 4	13.68%	11,576	43.0	10,961	12,191	1,916.4	(1,916.4)	11,200	1,067.4
POLK 1	8.34%	9,684	82.1	9,020	10,348	1,167.3	(1,167.3)	9,360	494.0
POLK 2	23.74%	6,940	81.0	6,755	7,125	3,324.1	(3,324.1)	6,976	0.0
BAYSIDE 1	10.83%	7,352	79.6	7,244	7,460	1,516.3	(1,516.3)	7,343	0.0
BAYSIDE 2	12.31%	7,439	63.3	7,317	7,560	1,723.2	(1,723.2)	7,330	1,247.5
GPIF SYSTEM	**68.89%**					**9,647.3**	**(9,647.3)**		

TAMPA ELECTRIC COMPANY
UNIT PERFORMANCE DATA - ACTUAL
JANUARY 2021 - DECEMBER 2021

PLANT / UNIT	ACTUAL EAF (%)	ADJUSTMENTS (1) TO EAF (%)	EAF ADJUSTED ACTUAL (%)
BIG BEND 4	55.0	15.6	70.6
POLK 1	45.7	0.6	46.3
POLK 2	85.3	-5.0	80.3
BAYSIDE 1	88.8	1.5	90.3
BAYSIDE 2	92.6	1.7	94.3

PLANT / UNIT	ACTUAL ANOHR (Btu/kwh)	ADJUSTMENTS (2) TO ANOHR (Btu/kwh)	ANOHR ADJUSTED ACTUAL (Btu/kwh)
BIG BEND 4	10,752	448	11,200
POLK 1	9,436	-76	9,360
POLK 2	7,087	-111	6,976
BAYSIDE 1	7,417	-74	7,343
BAYSIDE 2	7,389	-59	7,330

(1) Documentation of adjustments to Actual EAF on pages 7 - 11

(2) Documentation of adjustments to Actual ANOHR on pages 12 - 16

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
BIG BEND UNIT NO. 4
JANUARY 2021 - DECEMBER 2021

WEIGHTING FACTOR = 1.29%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760.0	8,760.0	8,760.0
EAF	54.0	55.0	70.6
POH	1,416.0	1,638.6	1,416.0
FOH + EFOH	1,556.8	563.1	580.7
MOH + EMOH	1,060.2	559.7	577.2
POF	16.2	18.7	16.2
EFOF	17.8	6.4	6.6
EMOF	12.1	6.4	6.6
	10.000	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

$$\frac{PH - POH_{TARGET}}{PH - POH_{ACTUAL}} \times (FOH + EFOH + MOH + EMOH) = EUOH_{ADJUSTED}$$

$$\frac{8760 - 1416}{8760 - 1638.6} \times (563.1 + 559.7) = 1,157.9$$

$$100 - POF_{TARGET} - \frac{EUOH_{ADJUSTED}}{PH} \times 100 = EAF_{ADJUSTED}$$

$$100 - 16.2 - \frac{1,157.9}{8,760.0} \times 100 = 70.6$$

PH = PERIOD HOURS
EAF = EQUIVALENT AVAILABILITY FACTOR
POH = PLANNED OUTAGE HOURS
FOH = FORCED OUTAGE HOURS
EFOH = EQUIVALENT FORCED OUTAGE HOURS
MOH = MAINTENANCE OUTAGE HOURS
EMOH = EQUIVALENT MAINTENANCE OUTAGE HOURS
POF = PLANNED OUTAGE FACTOR
EFOF = EQUIVALENT FORCED OUTAGE FACTOR
EMOF = EQUIVALENT MAINTENANCE OUTAGE FACTOR

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
POLK UNIT NO. 1
JANUARY 2021 - DECEMBER 2021

WEIGHTING FACTOR = 4.82%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760.0	8,760.0	8,760.0
EAF	77.7	45.7	46.3
POH	672.0	779.3	672.0
FOH + EFOH	422.1	3,980.4	4,033.9
MOH + EMOH	855.8	0.0	0.0
POF	7.7	8.9	7.7
EFOF	4.8	45.4	46.0
EMOF	9.8	0.0	0.0
	-10.000	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

$$\frac{PH - POH_{TARGET}}{PH - POH_{ACTUAL}} \times (FOH + EFOH + MOH + EMOH) = EUOH_{ADJUSTED}$$

$$\frac{8760 - 672}{8760 - 779.3} \times (3980.4 + 0) = 4{,}033.9$$

$$100 - POF_{TARGET} - \frac{EUOH_{ADJUSTED}}{PH} \times 100 = EAF_{ADJUSTED}$$

$$100 - 7.7 - \frac{4033.9}{8{,}760.0} \times 100 = 46.3$$

PH = PERIOD HOURS
EAF = EQUIVALENT AVAILABILITY FACTOR
POH = PLANNED OUTAGE HOURS
FOH = FORCED OUTAGE HOURS
EFOH = EQUIVALENT FORCED OUTAGE HOURS
MOH = MAINTENANCE OUTAGE HOURS
EMOH = EQUIVALENT MAINTENANCE OUTAGE HOURS
POF = PLANNED OUTAGE FACTOR
EFOF = EQUIVALENT FORCED OUTAGE FACTOR
EMOF = EQUIVALENT MAINTENANCE OUTAGE FACTOR

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
POLK UNIT NO. 2
JANUARY 2021 - DECEMBER 2021

WEIGHTING FACTOR = 1.53%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760.0	8,760.0	8,760.0
EAF	80.6	85.3	80.3
POH	1,416.0	966.8	1,416.0
FOH + EFOH	100.6	126.2	118.9
MOH + EMOH	181.3	196.0	184.7
POF	16.2	11.0	16.2
EFOF	1.1	1.4	1.4
EMOF	2.1	2.2	2.1
	-1.091	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

$$\frac{PH - POH_{TARGET}}{PH - POH_{ACTUAL}} \times (FOH + EFOH + MOH + EMOH) = EUOH_{ADJUSTED}$$

$$\frac{8760 - 1416}{8760 - 966.8} \times (126.2 + 196) = 303.6$$

$$100 - POF_{TARGET} - \frac{EUOH_{ADJUSTED}}{PH} \times 100 = EAF_{ADJUSTED}$$

$$100 - 16.2 - \frac{303.6}{8,760.0} \times 100 = 80.3$$

PH = PERIOD HOURS
EAF = EQUIVALENT AVAILABILITY FACTOR
POH = PLANNED OUTAGE HOURS
FOH = FORCED OUTAGE HOURS
EFOH = EQUIVALENT FORCED OUTAGE HOURS
MOH = MAINTENANCE OUTAGE HOURS
EMOH = EQUIVALENT MAINTENANCE OUTAGE HOURS
POF = PLANNED OUTAGE FACTOR
EFOF = EQUIVALENT FORCED OUTAGE FACTOR
EMOF = EQUIVALENT MAINTENANCE OUTAGE FACTOR

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
BAYSIDE UNIT NO. 1
JANUARY 2021 - DECEMBER 2021

WEIGHTING FACTOR = 16.01%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760.0	8,760.0	8,760.0
EAF	93.9	88.8	90.3
POH	336.0	472.0	336.0
FOH + EFOH	94.5	135.4	137.6
MOH + EMOH	105.6	374.6	380.7
POF	3.8	5.4	3.8
EFOF	1.1	1.5	1.6
EMOF	1.2	4.3	4.3

-10.000 **EQUIVALENT AVAILABILITY POINTS**

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

$$\frac{PH - POH_{TARGET}}{PH - POH_{ACTUAL}} \times (FOH + EFOH + MOH + EMOH) = EUOH_{ADJUSTED}$$

$$\frac{8760 - 336}{8760 - 472} \times (135.4 + 374.6) = 518.4$$

$$100 - POF_{TARGET} - \frac{EUOH_{ADJUSTED}}{PH} \times 100 = EAF_{ADJUSTED}$$

$$100 - 3.8 - \frac{518.4}{8{,}760.0} \times 100 = 90.3$$

PH = PERIOD HOURS
EAF = EQUIVALENT AVAILABILITY FACTOR
POH = PLANNED OUTAGE HOURS
FOH = FORCED OUTAGE HOURS
EFOH = EQUIVALENT FORCED OUTAGE HOURS
MOH = MAINTENANCE OUTAGE HOURS
EMOH = EQUIVALENT MAINTENANCE OUTAGE HOURS
POF = PLANNED OUTAGE FACTOR
EFOF = EQUIVALENT FORCED OUTAGE FACTOR
EMOF = EQUIVALENT MAINTENANCE OUTAGE FACTOR

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO PERFORMANCE
BAYSIDE UNIT NO. 2
JANUARY 2021 - DECEMBER 2021

WEIGHTING FACTOR = 7.45%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE	ADJUSTED ACTUAL PERFORMANCE
PH	8,760.0	8,760.0	8,760.0
EAF	90.9	92.6	94.3
POH	336.0	480.3	336.0
FOH + EFOH	128.7	35.7	36.3
MOH + EMOH	328.6	130.3	132.6
POF	3.8	5.5	3.8
EFOF	1.5	0.4	0.4
EMOF	3.8	1.5	1.5
	10.000	**EQUIVALENT AVAILABILITY POINTS**	

ADJUSTMENTS TO ACTUAL EAF FOR COMPARISON

$$\frac{PH - POH_{TARGET}}{PH - POH_{ACTUAL}} \times (FOH + EFOH + MOH + EMOH) = EUOH_{ADJUSTED}$$

$$\frac{8760 - 336}{8760 - 480.3} \times (35.7 + 130.3) = 168.9$$

$$100 - POF_{TARGET} - \frac{EUOH_{ADJUSTED}}{PH} \times 100 = EAF_{ADJUSTED}$$

$$100 - 3.8 - \frac{168.9}{8,760.0} \times 100 = 94.3$$

PH = PERIOD HOURS
EAF = EQUIVALENT AVAILABILITY FACTOR
POH = PLANNED OUTAGE HOURS
FOH = FORCED OUTAGE HOURS
EFOH = EQUIVALENT FORCED OUTAGE HOURS
MOH = MAINTENANCE OUTAGE HOURS
EMOH = EQUIVALENT MAINTENANCE OUTAGE HOURS
POF = PLANNED OUTAGE FACTOR
EFOF = EQUIVALENT FORCED OUTAGE FACTOR
EMOF = EQUIVALENT MAINTENANCE OUTAGE FACTOR

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
BIG BEND UNIT NO. 4
JANUARY 2021 - DECEMBER 2021

WEIGHTING FACTOR = 13.68%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	11,576	10,752
NET GENERATION (GWH)	955.6	1,632.1
OPERATING BTU (10^9)	12,011.0	17,549.0
NET OUTPUT FACTOR	43.0	62.2

5.570 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF *(-23.26) + 12575.35 = ANOHR

62.2 * (-23.26) + 12575.35 = 11,129

10,752 - 11,129 = -376

11,576 + -376 = 11,200 ← ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

ANOHR = AVERAGE NET OPERATING HEAT RATE
NOF = NET OPERATING FACTOR

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
POLK UNIT NO. 1
JANUARY 2021 - DECEMBER 2021

WEIGHTING FACTOR = 8.34%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	9,684	9,436
NET GENERATION (GWH)	562.0	265.8
OPERATING BTU (10^9)	4,957.4	2,508.5
NET OUTPUT FACTOR	82.1	63.8

4.232 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF *(-4.18) + 10027 = ANOHR

63.8 * (-4.18) + 10027 = 9,761

9,436 - 9,761 = -325

9,684 + -325 = 9,360 ← ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

ANOHR = AVERAGE NET OPERATING HEAT RATE
NOF = NET OPERATING FACTOR

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
POLK UNIT NO. 2
JANUARY 2021 - DECEMBER 2021

WEIGHTING FACTOR = 23.74%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	6,940	7,087
NET GENERATION (GWH)	6,778.2	5,508.4
OPERATING BTU (10^9)	47,304.1	39,040.4
NET OUTPUT FACTOR	81.0	66.8

0.000 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF *(-7.9) + 7579.76 = ANOHR

66.8 * (-7.9) + 7579.76 = 7,052

7,087 - 7,052 = 35

6,940 + 35 = 6,976 ← ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

ANOHR = AVERAGE NET OPERATING HEAT RATE
NOF = NET OPERATING FACTOR

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
BAYSIDE UNIT NO. 1
JANUARY 2021 - DECEMBER 2021

WEIGHTING FACTOR = 10.83%

	12 MONTH TARGET	**12 MONTH ACTUAL PERFORMANCE**
ANOHR (Btu/kwh)	7,352	7,417
NET GENERATION (GWH)	4,749.1	3,344.2
OPERATING BTU (10^9)	34,663.9	24,802.9
NET OUTPUT FACTOR	79.6	61.3

0.000 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF *(-4.01) + 7671.77 = ANOHR

61.3 * (-4.01) + 7671.77 = 7,426

7,417 - 7,426 = -9

7,352 + -9 = 7,343 ← ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

ANOHR = AVERAGE NET OPERATING HEAT RATE
NOF = NET OPERATING FACTOR

TAMPA ELECTRIC COMPANY
ADJUSTMENTS TO HEAT RATE
BAYSIDE UNIT NO. 2
JANUARY 2021 - DECEMBER 2021

WEIGHTING FACTOR = 12.31%

	12 MONTH TARGET	12 MONTH ACTUAL PERFORMANCE
ANOHR (Btu/kwh)	7,439	7,389
NET GENERATION (GWH)	4,741.7	4,875.9
OPERATING BTU (10^9)	35,481.7	36,028.0
NET OUTPUT FACTOR	63.3	59.9

7.239 **HEAT RATE POINTS**

ADJUSTMENTS TO ACTUAL HEAT RATE FOR COMPARISON

CURRENT EQUATION: NOF *(-17.59) + 8551.17 = ANOHR

59.9 * (-17.59) + 8551.17 = 7,498

7,389 - 7,498 = -109

7,439 + -109 = 7,330 ← ADJUSTED ACTUAL HEAT RATE AT TARGET NOF

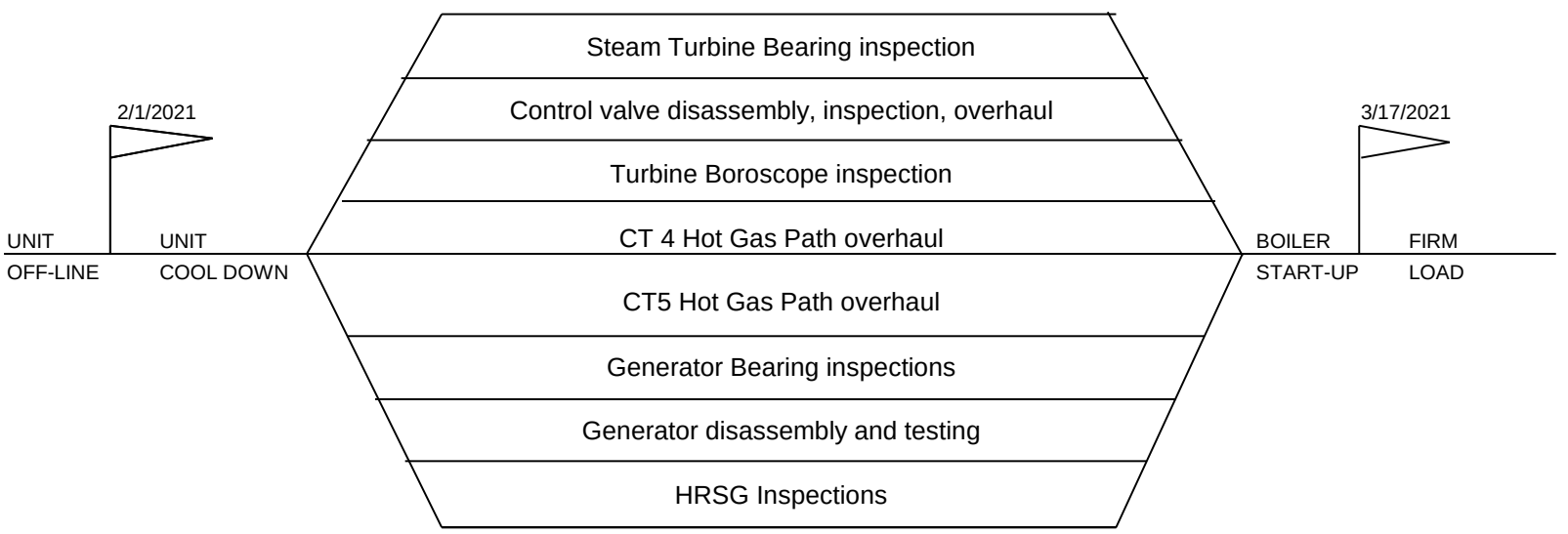
ANOHR = AVERAGE NET OPERATING HEAT RATE
NOF = NET OPERATING FACTOR

TAMPA ELECTRIC COMPANY
PLANNED OUTAGE SCHEDULE (ACTUAL)
GPIF UNITS
JANUARY 2021 - DECEMBER 2021

	PLANT / UNIT	PLANNED OUTAGE DATES			OUTAGE DESCRIPTION
	BIG BEND 4	Mar 29	-	Apr 11	Fuel System Clean-up Planned Outage
+		Nov 05	-	Dec 19	NG upgrade to the boiler Replacement of the A&B ID Fan inlet ductwork Replacement of the FGD LE conveyor Replacement of selected FGD transformers Replacement of MS,HR and CRH piping hangers Replacement of Furnace roof tubes Replacement of Coal Nozzles-Maintenance Replacement of SH Link Header
	POLK 1	May 15	-	May 28	Combined Cycle Planned Outage
		Nov 29	-	Dec 12	Combined Cycle Planned Outage
+	POLK 2	Feb 01	-	Mar 17	Control valve disassembly, inspection, overhaul Steam Turbine Bearing inspection Turbine Boroscope inspection CT 4 Hot Gas Path overhaul CT5 Hot Gas Path overhaul Generator Bearing inspections Generator disassembly and testing HRSG Inspections
		Oct 08	-	Oct 21	Combined Cycle Planned Outage
	BAYSIDE 1	Mar 15	-	Mar 28	Combined Cycle Planned Outage
	BAYSIDE 2	Nov 11	-	Nov 24	Combined Cycle Planned Outage

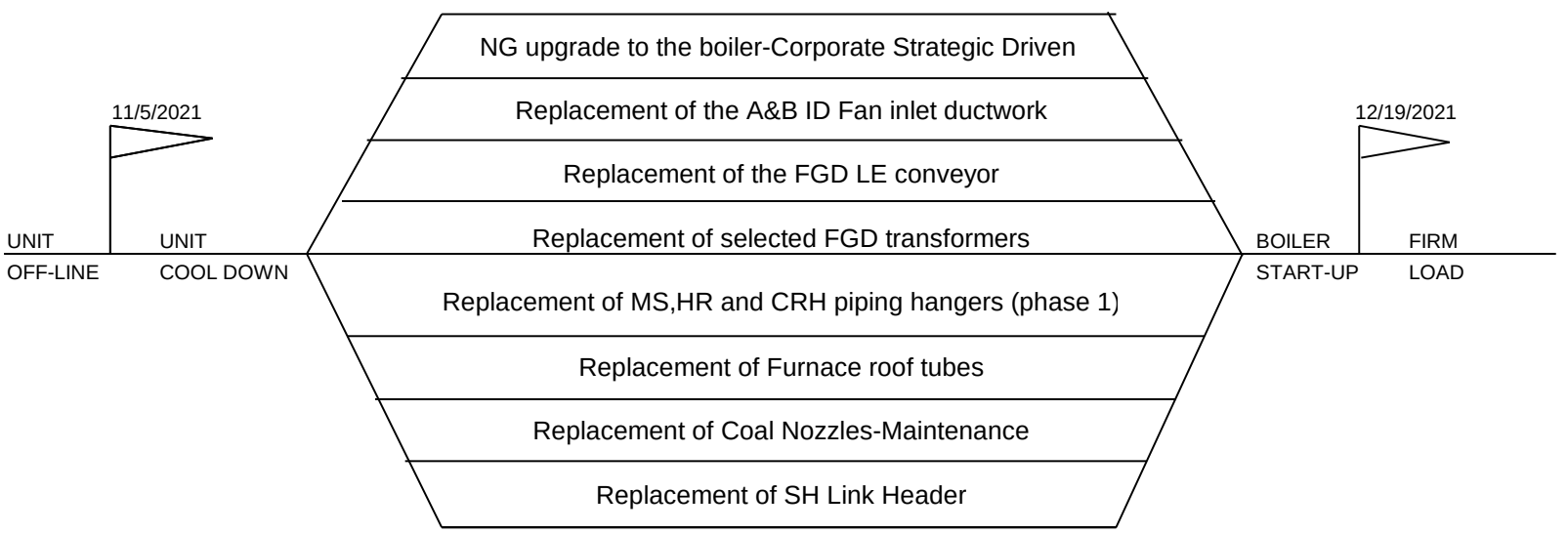
+ CPM for units with less than or equal to 4 weeks are not included.

TAMPA ELECTRIC COMPANY
CRITICAL PATH METHOD DIAGRAMS
GPIF UNITS > FOUR WEEKS
JANUARY 2021 - DECEMBER 2021



TAMPA ELECTRIC COMPANY
POLK 2
PLANNED OUTAGE 2021
PROJECTED CPM

TAMPA ELECTRIC COMPANY
CRITICAL PATH METHOD DIAGRAMS
GPIF UNITS > FOUR WEEKS
JANUARY 2021 - DECEMBER 2021



TAMPA ELECTRIC COMPANY
BIG BEND 4
PLANNED OUTAGE 2021
PROJECTED CPM

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2021 - DECEMBER 2021

BIG BEND 4

EQUIVALENT AVAILABILITY POINTS		FUEL SAVINGS / (LOSS) ($000)		ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS		FUEL SAVINGS / (LOSS) ($000)		ADJUSTED ACTUAL AVERAGE HEAT RATE
	EAF POINTS 10.000		**Adjusted EAF 70.6**					**Adjusted ANOHR 11,200**	
+10		181.0		60.7	+10		1,916.4		10,961
+9		162.9		60.1	+9		1,724.7		11,015
+8		144.8		59.4	+8		1,533.1		11,069
+7		126.7		58.7	+7		1,341.5		11,123
+6		108.6		58.0	+6	**AHR POINTS 5.570**	1,149.8		11,177
+5		90.5		57.4	+5		958.2		11,231
+4		72.4		56.7	+4		766.6		11,285
+3		54.3		56.0	+3		574.9		11,339
+2		36.2		55.3	+2		383.3		11,393
+1		18.1		54.6	+1		191.6		11,447
									11,501
0		0.0		54.0	0		0.0		11,576
									11,651
-1		(86.0)		52.6	-1		(191.6)		11,705
-2		(172.1)		51.2	-2		(383.3)		11,759
-3		(258.1)		49.9	-3		(574.9)		11,813
-4		(344.1)		48.5	-4		(766.6)		11,867
-5		(430.1)		47.2	-5		(958.2)		11,921
-6		(516.2)		45.8	-6		(1,149.8)		11,975
-7		(602.2)		44.5	-7		(1,341.5)		12,029
-8		(688.2)		43.1	-8		(1,533.1)		12,083
-9		(774.2)		41.7	-9		(1,724.7)		12,137
-10		(860.3)		40.4	-10		(1,916.4)		12,191
Weighting Factor =				1.29%	Weighting Factor =				13.68%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2021 - DECEMBER 2021

POLK 1

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS / (LOSS) ($000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS / (LOSS) ($000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	675.5	82.1	+10	1,167.3	9,020
+9	607.9	81.6	+9	1,050.5	9,079
+8	540.4	81.2	+8	933.8	9,138
+7	472.8	80.8	+7	817.1	9,197
+6	405.3	80.3	+6	700.4	9,256
+5	337.7	79.9	+5	583.6	9,315
+4	270.2	79.5	+4	466.9	9,374
+3	202.6	79.0	+3	350.2	9,433
+2	135.1	78.6	+2	233.5	9,491
+1	67.5	78.2	+1	116.7	9,550
					9,609
0	0.0	77.7	0	0.0	9,684
					9,759
-1	(113.4)	77.2	-1	(116.7)	9,818
-2	(226.8)	76.7	-2	(233.5)	9,877
-3	(340.2)	76.1	-3	(350.2)	9,936
-4	(453.6)	75.6	-4	(466.9)	9,995
-5	(567.0)	75.0	-5	(583.6)	10,054
-6	(680.4)	74.5	-6	(700.4)	10,112
-7	(793.8)	74.0	-7	(817.1)	10,171
-8	(907.2)	73.4	-8	(933.8)	10,230
-9	(1,020.6)	72.9	-9	(1,050.5)	10,289
-10	(1,134.0)	72.4	-10	(1,167.3)	10,348

AHR POINTS 4.232

Adjusted ANOHR 9,360

EAF POINTS -10.000

Adjusted EAF 46.3

Weighting Factor = 4.82%

Weighting Factor = 8.34%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2021 - DECEMBER 2021

POLK 2

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS / (LOSS) ($000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS / (LOSS) ($000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	213.7	82.1	+10	3,324.1	6,755
+9	192.3	81.9	+9	2,991.7	6,766
+8	170.9	81.8	+8	2,659.3	6,777
+7	149.6	81.6	+7	2,326.9	6,788
+6	128.2	81.5	+6	1,994.5	6,799
+5	106.8	81.3	+5	1,662.1	6,810
+4	85.5	81.2	+4	1,329.7	6,821
+3	64.1	81.1	+3	997.2	6,832
+2	42.7	80.9	+2	664.8	6,843
+1	21.4	80.8	+1	332.4	6,854
					6,865
0	0.0	80.6	0	0.0	6,940
					7,015
-1	(132.5)	80.3	-1	(332.4)	7,026
-2	(265.1)	80.0	-2	(664.8)	7,037
-3	(397.6)	79.7	-3	(997.2)	7,048
-4	(530.2)	79.5	-4	(1,329.7)	7,059
-5	(662.7)	79.2	-5	(1,662.1)	7,070
-6	(795.2)	78.9	-6	(1,994.5)	7,081
-7	(927.8)	78.6	-7	(2,326.9)	7,092
-8	(1,060.3)	78.3	-8	(2,659.3)	7,103
-9	(1,192.9)	78.0	-9	(2,991.7)	7,114
-10	(1,325.4)	77.7	-10	(3,324.1)	7,125

EAF POINTS -1.091 ← **Adjusted EAF 80.3** →

AHR POINTS 0.000 ← **Adjusted ANOHR 6,976** →

Weighting Factor =	1.53%
Weighting Factor =	23.74%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2021 - DECEMBER 2021

BAYSIDE 1

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS / (LOSS) ($000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS / (LOSS) ($000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	2,242.6	94.5	+10	1,516.3	7,244
+9	2,018.4	94.5	+9	1,364.6	7,247
+8	1,794.1	94.4	+8	1,213.0	7,251
+7	1,569.8	94.3	+7	1,061.4	7,254
+6	1,345.6	94.3	+6	909.8	7,257
+5	1,121.3	94.2	+5	758.1	7,261
+4	897.1	94.1	+4	606.5	7,264
+3	672.8	94.1	+3	454.9	7,267
+2	448.5	94.0	+2	303.3	7,271
+1	224.3	93.9	+1	151.6	7,274
					7,277
0	0.0	93.9	0	0.0	7,352
					7,427
-1	(7.5)	93.7	-1	(151.6)	7,431
-2	(15.0)	93.6	-2	(303.3)	7,434
-3	(22.4)	93.5	-3	(454.9)	7,437
-4	(29.9)	93.4	-4	(606.5)	7,441
-5	(37.4)	93.2	-5	(758.1)	7,444
-6	(44.9)	93.1	-6	(909.8)	7,447
-7	(52.4)	93.0	-7	(1,061.4)	7,451
-8	(59.8)	92.8	-8	(1,213.0)	7,454
-9	(67.3)	92.7	-9	(1,364.6)	7,457
-10	(74.8)	92.6	-10	(1,516.3)	7,460

EAF POINTS -10.000

Adjusted EAF 90.3

AHR POINTS 0.000

Adjusted ANOHR 7,343

Weighting Factor = 16.01%

Weighting Factor = 10.83%

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

JANUARY 2021 - DECEMBER 2021

BAYSIDE 2

EQUIVALENT AVAILABILITY POINTS		FUEL SAVINGS / (LOSS) ($000)		ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS		FUEL SAVINGS / (LOSS) ($000)		ADJUSTED ACTUAL AVERAGE HEAT RATE
	EAF POINTS 10.000		**Adjusted EAF 94.3**						
+10	←	1,043.8	→	92.2	+10		1,723.2		7,317
+9		939.4		92.1	+9		1,550.9		7,322
+8		835.1		91.9	+8	**AHR POINTS 7.239**	1,378.6	**Adjusted ANOHR 7,330**	7,326
+7		730.7		91.8	+7	←	1,206.2	→	7,331
+6		626.3		91.7	+6		1,033.9		7,336
+5		521.9		91.6	+5		861.6		7,340
+4		417.5		91.4	+4		689.3		7,345
+3		313.1		91.3	+3		517.0		7,350
+2		208.8		91.2	+2		344.6		7,354
+1		104.4		91.1	+1		172.3		7,359
									7,364
0		0.0		90.9	0		0.0		7,439
									7,514
-1		(145.9)		90.7	-1		(172.3)		7,518
-2		(291.8)		90.5	-2		(344.6)		7,523
-3		(437.8)		90.2	-3		(517.0)		7,528
-4		(583.7)		90.0	-4		(689.3)		7,532
-5		(729.6)		89.7	-5		(861.6)		7,537
-6		(875.5)		89.5	-6		(1,033.9)		7,541
-7		(1,021.4)		89.2	-7		(1,206.2)		7,546
-8		(1,167.4)		89.0	-8		(1,378.6)		7,551
-9		(1,313.3)		88.7	-9		(1,550.9)		7,555
-10		(1,459.2)		88.5	-10		(1,723.2)		7,560
	Weighting Factor =		7.45%			Weighting Factor =		12.31%	

TAMPA ELECTRIC COMPANY
COMPARISON OF GPIF TARGETS VS ACTUAL PERFORMANCE

EQUIVALENT AVAILABILITY (%)

PLANT / UNIT	TARGET WEIGHTING FACTOR (%)	NORMALIZED WEIGHTING FACTOR	TARGET PERIOD JAN 21 - DEC 21 POF	TARGET PERIOD JAN 21 - DEC 21 EUOF	TARGET PERIOD JAN 21 - DEC 21 EUOR	ACTUAL PERFORMANCE JAN 21 - DEC 21 POF	ACTUAL PERFORMANCE JAN 21 - DEC 21 EUOF	ACTUAL PERFORMANCE JAN 21 - DEC 21 EUOR
BIG BEND 4	1.29%	4.2%	16.2	29.9	35.6	18.7	12.8	15.8
POLK 1	4.8%	15.5%	7.7	14.6	15.8	8.9	45.4	49.9
POLK 2	1.5%	4.9%	16.2	3.2	3.8	11.0	3.7	4.1
BAYSIDE 1	16.0%	51.5%	3.8	2.3	2.4	5.4	5.8	6.2
BAYSIDE 2	7.5%	24.0%	3.8	5.2	5.4	5.5	1.9	2.0
GPIF SYSTEM	**31.1%**	**100.0%**	**5.5**	**6.1**	**6.6**	**6.8**	**11.2**	**12.2**

GPIF SYSTEM WEIGHTED EQUIVALENT AVAILABILITY (%) **88.4** **82.0**

3 PERIOD AVERAGE POF	3 PERIOD AVERAGE EUOF	3 PERIOD AVERAGE EUOR	3 PERIOD AVERAGE EAF
6.9	**9.6**	**10.5**	**83.6**

AVERAGE NET OPERATING HEAT RATE (Btu/kwh)

PLANT / UNIT	TARGET WEIGHTING FACTOR (%)	NORMALIZED WEIGHTING FACTOR	TARGET HEAT RATE JAN 21 - DEC 21	ADJUSTED ACTUAL HEAT RATE JAN 21 - DEC 21
BIG BEND 4	13.68%	19.9%	11,576	11,200
POLK 1	8.34%	12.1%	9,684	9,360
POLK 2	23.74%	34.5%	6,940	6,976
BAYSIDE 1	10.83%	15.7%	7,352	7,343
BAYSIDE 2	12.31%	17.9%	7,439	7,330
GPIF SYSTEM	**68.9%**	**100.0%**		

GPIF SYSTEM WEIGHTED AVERAGE HEAT RATE (Btu/kwh) **8,347** **8,224**

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE POINTS CALCULATION
JANUARY 2021 - DECEMBER 2021

Points are calculated according to the formula:

$$GPIP = \sum_{i=1}^{n} \left[a_i \left(EAP_i \right) + e_i \left(AHRP_i \right) \right]$$

Where:

GPIP = Generating performance incentive points

a_i = Percentage of total system fuel cost reduction attributed to maximum reasonably attainable equivalent availability of unit i during the period

e_i = Percentage of total system fuel cost reduction attributed to minimum reasonably attainable average heat rate of unit i during the period

EAP_i = Equivalent availability points awarded/deducted for unit i

$AHRP_i$ = Average heat rate points awarded/deducted for unit i

Weighting factors and point values are listed on page 4.

GPIP = 4.82% * (PK 1 EAP) + 1.53% * (PK 2 EAP) + 16.01% * (BAY 1 EAP)
+ 7.45% * (BAY 2 EAP) + 8.34% * (PK 1 AHRP) + 23.74% * (PK 2 AHRP)
+ 10.83% * (BAY 1 AHRP) + 12.31% * (BAY 2 AHRP) + 13.68% * (BB 4 AHRP)
+ 1.29% * (BB 4 EAP)

GPIP = 4.82% * -10.000 + 1.53% * -1.091 + 16.01% * -10.000
+ 7.45% * 10.000 + 8.34% * 4.232 + 23.74% * 0.000
+ 10.83% * 0.000 + 12.31% * 7.239 + 13.68% * 5.570
+ 1.29% * 10.000

GPIP = -0.482 + -0.017 + -1.601
+ 0.745 + 0.353 + 0.000
+ 0.000 + 0.891 + 0.762
+ 0.129

GPIP = 0.780 POINTS

REWARD/PENALTY dollar amounts of the Generating Performance Incentive Factor (GPIF) are determined directly from the table for the corresponding Generating Performance Points (GPIP) on page 2.

GPIF REWARD = $546,170

EXHIBIT NO. PAB-1
TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
GPIF 2021 FINAL TRUE-UP
DOCUMENT NO. 2

EXHIBIT TO THE TESTIMONY OF

PATRICK A. BOKOR

DOCKET NO. 20220001-EI

TAMPA ELECTRIC COMPANY

GENERATING PERFORMANCE INCENTIVE FACTOR

JANUARY 2021 – DECEMBER 2021

TRUE-UP

DOCUMENT NO. 2

ACTUAL UNIT PERFORMANCE DATA

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2021 - DECEMBER 2021

PLANT/UNIT		MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND 4		**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Oct-21**	**Nov-21**	**Dec-21**	2021
1. Equivalent Availability Factor (%)	EAF	52.0	79.5	69.4	18.7	57.1	82.2	37.4	81.2	82.2	20.3	0.0	82.0	55.0
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8,760.0
3. Service Hours	SH	534.6	653.4	641.5	313.9	589.9	720.0	410.5	741.8	720.0	183.8	0.0	663.5	6,172.9
4. Reserve Shutdown Hours	RSH	104.6	18.6	1.0	0.0	28.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152.6
5. Unavailable Hours	UH	104.8	0.0	100.5	406.1	125.7	0.0	333.5	2.2	0.0	560.2	721.0	80.5	2,434.5
6. Planned Outage Hours	POH	0.0	0.0	96.2	400.9	0.0	0.0	0.0	0.0	0.0	560.2	576.0	5.3	1,638.6
7. Forced Outage Hours	FOH	4.3	0.0	4.3	5.3	0.0	0.0	0.0	2.2	0.0	0.0	145.0	75.2	236.3
8. Maintenance Outage Hours	MOH	100.5	0.0	0.0	0.0	125.7	0.0	333.5	0.0	0.0	0.0	0.0	0.0	559.7
9a. Partial Planned Outage Hours	PPOH	643.5	672.0	643.5	714.8	618.3	720.0	410.5	741.8	720.0	183.8	0.0	663.5	6,731.7
9b. Load Reduction Partial Planned (MW)	LRPP	85.0	85.0	85.0	75.0	75.0	75.0	75.0	78.2	75.0	75.0	0.0	35.0	74.3
10a. Partial Forced Outage Hours	PFOH	336.0	24.1	0.0	129.5	441.3	0.0	113.6	0.0	0.0	0.0	0.0	0.0	1,044.5
10b. Load Reduction Partial Forced (MW)	LRPF	161.5	105.0	0.0	169.2	80.0	0.0	220.0	0.0	0.0	0.0	0.0	0.0	133.1
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12. Net Summer Continuous Rating (MW)	NSC	422.0	422.0	422.0	422.0	422.0	422.0	422.0	422.0	422.0	422.0	422.0	422.0	422.0
13. Operating British Thermal Units (GBTU)	OPR BTU	1,135.4	2,224.0	1,699.2	936.4	1,619.8	2,011.5	977.8	2,387.5	2,598.0	608.4	0.0	1,350.9	17,549.0
14. Net Generation (MWH)	NETGEN	114,956.0	212,466.0	159,431.0	78,608.0	151,856.0	183,123.0	84,384.0	217,485.0	245,778.0	62,714.0	0.0	121,299.0	1,632,100.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	9,877.0	10,468.0	10,658.0	11,912.0	10,667.0	10,984.0	11,587.0	10,978.0	10,570.0	9,702.0	0.0	11,137.0	10,752.4
16. Net Output Factor (%)	NOF	49.8	75.3	57.4	59.4	61.0	60.3	48.7	69.5	80.9	80.9	0.0	42.3	62.2
17. Net Period Continuous Rating (MW)	NPC	432.0	432.0	432.0	422.0	422.0	422.0	422.0	422.0	422.0	422.0	422.0	432.0	425.3
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-5.6236) + 11,149												

EXHIBIT NO._____ (PAB-1)
TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
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ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2021 - DECEMBER 2021

PLANT/UNIT		MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
POLK 1		**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Oct-21**	**Nov-21**	**Dec-21**	2021
1. Equivalent Availability Factor (%)	EAF	73.4	99.9	92.3	88.8	58.4	0.0	0.0	0.0	0.1	67.6	72.5	0.0	45.7
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8,760.0
3. Service Hours	SH	73.3	63.4	343.5	312.4	434.4	0.0	0.0	0.0	0.9	420.2	322.6	0.0	1,970.7
4. Reserve Shutdown Hours	RSH	472.9	608.0	385.5	327.3	0.0	0.0	0.0	0.0	0.0	82.7	199.2	0.0	2,075.6
5. Unavailable Hours	UH	197.9	0.6	15.0	80.3	309.6	720.0	744.0	744.0	719.4	241.1	198.2	744.0	4,714.1
6. Planned Outage Hours	POH	0.0	0.0	0.0	0.0	309.6	216.0	0.0	0.0	0.0	105.9	147.8	0.0	779.3
7. Forced Outage Hours	FOH	197.9	0.6	15.0	80.3	0.0	504.0	744.0	744.0	719.4	135.2	50.4	744.0	3,934.8
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	125.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	125.2
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	77.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77.0
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12. Net Summer Continuous Rating (MW)	NSC	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0
13. Operating British Thermal Units (GBTU)	OPR BTU	82.2	88.1	437.0	405.5	575.6	0.0	0.0	0.0	0.6	497.7	421.7	0.0	2,508.5
14. Net Generation (MWH)	NETGEN	7,975.0	7,431.0	47,770.0	45,983.0	67,820.0	-2,567.0	-2,999.0	-2,848.0	-2,577.0	55,884.0	46,769.0	-2,800.0	265,841.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	10,308.0	11,856.0	9,149.0	8,818.0	8,487.0	0.0	0.0	0.0	0.0	8,907.0	9,017.0	0.0	9,436.0
16. Net Output Factor (%)	NOF	47.3	50.9	60.5	72.9	77.3	0.0	0.0	0.0	-1,500.9	65.8	71.8	0.0	63.8
17. Net Period Continuous Rating (MW)	NPC	230.0	230.0	230.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0	202.0	230.0	211.3
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-7.778) + 10,842												

Note: Period hours may not match the Service, RS or Unavialble hours due to the individual componet hours of the Combined Cycle unit.

EXHIBIT NO._____ (PAB-1)
TAMPA ELECTRIC COMPANY
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TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2021 - DECEMBER 2021

PLANT/UNIT		MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
POLK 2		**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Oct-21**	**Nov-21**	**Dec-21**	2021
1. Equivalent Availability Factor (%)	EAF	99.8	58.5	71.1	75.4	86.2	96.7	99.3	97.5	100.0	88.9	57.1	90.1	85.3
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8,760.0
3. Service Hours	SH	741.3	43.1	445.6	720.0	741.4	720.0	744.0	744.0	720.0	744.0	342.6	744.0	7,450.0
4. Reserve Shutdown Hours	RSH	1.3	349.7	146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.9	0.0	564.9
5. Unavailable Hours	UH	1.4	279.2	151.4	96.8	56.4	23.6	5.2	17.9	0.1	82.6	309.5	73.6	1,097.7
6. Planned Outage Hours	POH	1.1	268.8	143.2	96.8	29.6	11.3	0.0	9.7	0.0	73.8	273.5	59.0	966.8
7. Forced Outage Hours	FOH	0.3	0.0	8.2	0.0	26.8	12.3	5.2	3.8	0.1	7.7	24.6	14.6	103.6
8. Maintenance Outage Hours	MOH	0.0	10.4	0.0	0.0	0.0	0.0	0.0	4.5	0.0	1.2	11.3	0.0	27.4
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10a. Partial Forced Outage Hours	PFOH	1.0	0.0	0.0	0.0	181.6	2.9	0.0	17.3	0.0	0.0	0.0	0.0	202.8
10b. Load Reduction Partial Forced (MW)	LRPF	124.8	0.0	0.0	0.0	133.6	32.4	0.0	31.9	0.0	0.0	0.0	0.0	123.4
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	218.3	661.1	206.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	1,088.1
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	349.6	129.2	120.0	0.0	106.9	0.0	0.0	0.0	0.0	0.0	171.6
12. Net Summer Continuous Rating (MW)	NSC	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0
13. Operating British Thermal Units (GBTU)	OPR BTU	3,751.0	185.9	2,381.5	3,202.4	3,557.7	4,023.5	4,471.3	4,289.3	4,279.9	3,446.0	1,482.0	3,969.6	39,040.4
14. Net Generation (MWH)	NETGEN	538,346.0	13,910.0	317,805.0	454,215.0	503,977.0	575,457.0	641,134.0	611,105.0	610,131.0	486,762.0	193,718.0	561,818.0	5,508,378.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	6,968.0	13,368.0	7,494.0	7,050.0	7,059.0	6,992.0	6,974.0	7,019.0	7,015.0	7,080.0	7,651.0	7,066.0	7,087.5
16. Net Output Factor (%)	NOF	60.5	26.9	59.3	59.5	64.1	75.3	81.2	77.4	79.9	61.7	53.3	62.9	66.8
17. Net Period Continuous Rating (MW)	NPC	1,200.0	1,200.0	1,200.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0	1,200.0	1,107.3
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-53.862) + 11,266												

Note: Period hours may not match the Service, RS or Unavialble hours due to the individual componet hours of the Combined Cycle unit.

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ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2021 - DECEMBER 2021

PLANT/UNIT		MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BAYSIDE 1		**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Oct-21**	**Nov-21**	**Dec-21**	2021
1. Equivalent Availability Factor (%)	EAF	81.0	97.3	70.7	89.9	95.5	91.1	98.4	96.9	97.2	86.2	62.8	99.5	88.8
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8,760.0
3. Service Hours	SH	2.9	667.0	725.2	712.0	671.4	608.6	744.0	744.0	720.0	648.5	473.1	744.0	7,460.7
4. Reserve Shutdown Hours	RSH	599.3	0.0	0.0	0.0	40.4	49.2	0.0	0.0	0.0	0.0	0.0	0.0	688.9
5. Unavailable Hours	UH	141.7	12.9	148.0	49.4	32.2	62.2	8.0	15.3	13.2	96.0	263.6	2.4	844.9
6. Planned Outage Hours	POH	0.0	0.0	79.9	39.9	0.0	0.0	0.0	0.0	0.0	93.4	258.8	0.0	472.0
7. Forced Outage Hours	FOH	0.8	7.9	68.1	9.6	0.8	0.0	1.7	0.0	1.6	0.0	0.1	2.4	93.0
8. Maintenance Outage Hours	MOH	141.0	5.0	0.0	0.0	31.5	62.2	6.3	15.3	11.6	2.6	4.7	0.0	280.2
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10a. Partial Forced Outage Hours	PFOH	0.0	29.2	241.0	31.0	0.0	0.0	7.5	0.0	7.1	26.7	21.5	10.2	374.2
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	79.0	79.0	69.0	0.0	0.0	78.9	0.0	79.0	141.0	79.0	88.9	82.9
11a. Partial Maintenance Outage Hours	PMOH	0.0	21.6	196.7	179.1	14.5	15.1	28.3	68.7	52.3	11.7	21.0	0.0	609.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	79.0	185.3	79.0	79.1	79.1	79.0	79.0	79.0	79.0	79.0	0.0	113.3
12. Net Summer Continuous Rating (MW)	NSC	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0
13. Operating British Thermal Units (GBTU)	OPR BTU	0.0	2,629.4	2,086.8	1,896.0	1,807.3	1,953.9	2,492.6	2,575.2	2,280.5	2,258.5	1,923.3	2,899.4	24,802.9
14. Net Generation (MWH)	NETGEN	0.0	356,616.9	281,193.7	252,014.3	238,038.7	261,453.6	334,585.1	348,617.0	307,281.9	304,462.4	264,011.2	395,888.8	3,344,163.6
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	0.0	7,373.0	7,421.0	7,524.0	7,592.0	7,473.0	7,450.0	7,387.0	7,421.0	7,418.0	7,285.0	7,324.0	7,416.8
16. Net Output Factor (%)	NOF	0.0	67.5	49.0	50.5	50.6	61.3	64.2	66.8	60.9	67.0	79.6	67.2	61.3
17. Net Period Continuous Rating (MW)	NPC	792.0	792.0	792.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	701.0	792.0	731.3
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-2.852) + 7,630												

Note: Period hours may not match the Service, RS or Unavialble hours due to the individual componet hours of the Combined Cycle unit.

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ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2021 - DECEMBER 2021

PLANT/UNIT		MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BAYSIDE 2		**Jan-21**	**Feb-21**	**Mar-21**	**Apr-21**	**May-21**	**Jun-21**	**Jul-21**	**Aug-21**	**Sep-21**	**Oct-21**	**Nov-21**	**Dec-21**	2021
1. Equivalent Availability Factor (%)	EAF	98.4	99.6	97.3	96.4	83.7	94.8	100.0	97.0	99.4	99.5	93.0	53.4	92.6
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8,760.0
3. Service Hours	SH	744.0	672.0	742.0	720.0	744.0	720.0	744.0	744.0	715.8	744.0	671.2	445.8	8,406.8
4. Reserve Shutdown Hours	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. Unavailable Hours	UH	7.3	1.8	14.3	17.4	81.2	25.0	0.0	14.7	4.3	2.6	50.0	331.5	550.1
6. Planned Outage Hours	POH	0.0	0.0	0.0	1.3	81.2	25.0	0.0	0.0	0.0	0.0	49.2	323.6	480.3
7. Forced Outage Hours	FOH	0.0	1.8	0.0	16.1	0.0	0.0	0.0	0.1	4.3	2.6	0.7	0.0	25.6
8. Maintenance Outage Hours	MOH	7.3	0.0	14.3	0.0	0.0	0.0	0.0	14.6	0.0	0.0	0.0	7.9	44.1
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10a. Partial Forced Outage Hours	PFOH	0.0	10.5	0.0	95.9	0.0	0.0	0.0	0.8	0.0	15.7	4.4	0.0	127.3
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	77.0	0.0	77.0	0.0	0.0	0.0	77.3	0.0	77.0	77.3	0.0	77.0
11a. Partial Maintenance Outage Hours	PMOH	65.9	0.0	81.8	7.9	483.3	148.9	0.0	87.6	0.0	0.0	0.0	128.8	1,004.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	77.0	0.0	77.0	77.0	77.0	77.0	0.0	77.0	0.0	0.0	0.0	124.8	83.1
12. Net Summer Continuous Rating (MW)	NSC	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0
13. Operating British Thermal Units (GBTU)	OPR BTU	2,941.7	3,623.8	3,326.4	2,405.3	2,292.7	3,237.0	3,660.5	3,348.3	2,662.9	3,399.1	3,669.3	1,461.2	36,028.0
14. Net Generation (MWH)	NETGEN	394,036.0	493,064.0	449,494.3	322,071.7	302,913.2	440,655.5	498,654.1	457,316.9	358,700.0	463,805.5	499,604.7	195,596.1	4,875,912.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,466.0	7,349.0	7,400.0	7,468.0	7,569.0	7,346.0	7,341.0	7,322.0	7,424.0	7,329.0	7,344.0	7,470.0	7,389.0
16. Net Output Factor (%)	NOF	50.6	70.1	57.8	48.2	43.8	65.9	72.2	66.2	54.6	67.1	80.1	41.9	59.9
17. Net Period Continuous Rating (MW)	NPC	1,047.0	1,047.0	1,047.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	929.0	1,047.0	968.3
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-6.673) + 7,965												

Note: Period hours may not match the Service, RS or Unavialble hours due to the individual componet hours of the Combined Cycle unit.

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FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 35
PARTY: PAB-2
DESCRIPTION: Generating Performance Incentive Factor January 2023- December 2023 Summary of Generating Performan...

DOCKET NO. 20220001-EI
GPIF 2023 PROJECTION
FILING EXHIBIT NO. PAB-2
DOCUMENT NO. 1

EXHIBIT TO THE TESTIMONY

OF

PATRICK A. BOKOR

DOCUMENT NO. 1

GPIF SCHEDULES

JANUARY 2023 - DECEMBER 2023

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
JANUARY 2023 - DECEMBER 2023
TARGETS
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TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
REWARD / PENALTY TABLE
JANUARY 2023 - DECEMBER 2023

GENERATING PERFORMANCE INCENTIVE POINTS (GPIP)	FUEL SAVINGS / (LOSS) ($000)	GENERATING PERFORMANCE INCENTIVE FACTOR ($000)
+10	17,848.9	8,924.4
+9	16,064.0	8,032.0
+8	14,279.1	7,139.6
+7	12,494.2	6,247.1
+6	10,709.3	5,354.7
+5	8,924.4	4,462.2
+4	7,139.6	3,569.8
+3	5,354.7	2,677.3
+2	3,569.8	1,784.9
+1	1,784.9	892.4
0	0.0	0.0
-1	(2,384.8)	(892.4)
-2	(4,769.7)	(1,784.9)
-3	(7,154.5)	(2,677.3)
-4	(9,539.3)	(3,569.8)
-5	(11,924.1)	(4,462.2)
-6	(14,309.0)	(5,354.7)
-7	(16,693.8)	(6,247.1)
-8	(19,078.6)	(7,139.6)
-9	(21,463.4)	(8,032.0)
-10	(23,848.3)	(8,924.4)

TAMPA ELECTRIC COMPANY
GENERATING PERFORMANCE INCENTIVE FACTOR
CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS
JANUARY 2023 - DECEMBER 2023

Line 1	Beginning of period balance of common equity: End of month common equity:		$	4,327,845,952	
Line 2	Month of January	2023	$	4,387,740,892	
Line 3	Month of February	2023	$	4,425,036,690	
Line 4	Month of March	2023	$	4,462,649,502	
Line 5	Month of April	2023	$	4,365,778,473	
Line 6	Month of May	2023	$	4,402,887,590	
Line 7	Month of June	2023	$	4,440,312,135	
Line 8	Month of July	2023	$	4,500,392,155	
Line 9	Month of August	2023	$	4,538,645,488	
Line 10	Month of September	2023	$	4,577,223,975	
Line 11	Month of October	2023	$	4,479,218,538	
Line 12	Month of November	2023	$	4,517,291,896	
Line 13	Month of December	2023	$	4,555,688,877	
Line 14	(Summation of line 1 through line 13 divided by 13)		$	4,460,054,782	
Line 15	25 Basis points			0.0025	
Line 16	Revenue Expansion Factor			74.45%	
Line 17	Maximum Allowed Incentive Dollars (line 14 times line 15 divided by line 16)		$	14,976,288	
Line 18	Jurisdictional Sales			19,953,481	MWH
Line 19	Total Sales			19,953,481	MWH
Line 20	Jurisdictional Separation Factor (line 18 divided by line 19)			100.00%	
Line 21	Maximum Allowed Jurisdictional Incentive Dollars (line 17 times line 20)		$	14,976,288	
Line 22	Incentive Cap (50% of projected fuel savings at 10 GPIF-point level from Sheet No. 3.515)		$	8,924,442	
Line 23	Maximum Allowed GPIF Reward (at 10 GPIF-point level) (the lesser of line 21 and line 22)		$	8,924,442	

Note: Line 22 and 23 are as approved by Commission order PSC-13-0665-FOF-EI dated 12/18/13 effective 1/1/14.

TAMPA ELECTRIC COMPANY
GPIF TARGET AND RANGE SUMMARY
JANUARY 2023 - DECEMBER 2023

EQUIVALENT AVAILABILITY

PLANT / UNIT	WEIGHTING FACTOR (%)	EAF TARGET (%)	EAF RANGE MAX. (%)	EAF RANGE MIN. (%)	MAX. FUEL SAVINGS ($000)	MAX. FUEL LOSS ($000)
BIG BEND 4	5.66%	61.2	66.1	51.4	1,009.8	(3,719.4)
POLK 2	7.87%	90.9	92.1	88.4	1,404.2	(699.6)
BAYSIDE 1	5.94%	90.0	91.2	87.6	1,059.4	(1,412.7)
BAYSIDE 2	1.13%	75.2	76.9	71.7	202.1	(3,843.1)
GPIF SYSTEM	**20.59%**					

AVERAGE NET OPERATING HEAT RATE

PLANT / UNIT	WEIGHTING FACTOR (%)	ANOHR Btu/kwh	TARGET NOF	ANOHR RANGE MIN.	ANOHR RANGE MAX.	MAX. FUEL SAVINGS ($000)	MAX. FUEL LOSS ($000)
BIG BEND 4	26.52%	10,777	67.0	10,058	11,497	4,734.2	(4,734.2)
POLK 2	28.52%	7,279	46.5	7,088	7,470	5,090.3	(5,090.3)
BAYSIDE 1	14.60%	7,481	43.7	7,307	7,655	2,605.9	(2,605.9)
BAYSIDE 2	9.76%	8,280	19.9	7,977	8,582	1,742.9	(1,742.9)
GPIF SYSTEM	**79.41%**						

TAMPA ELECTRIC COMPANY
COMPARISON OF GPIF TARGETS VS PRIOR PERIOD ACTUAL PERFORMANCE

EQUIVALENT AVAILABILITY (%)

PLANT / UNIT	WEIGHTING FACTOR (%)	NORMALIZED WEIGHTING FACTOR	TARGET PERIOD JAN 23 - DEC 23 POF	TARGET PERIOD JAN 23 - DEC 23 EUOF	TARGET PERIOD JAN 23 - DEC 23 EUOR	ACTUAL PERFORMANCE JAN 21 - DEC 21 POF	ACTUAL PERFORMANCE JAN 21 - DEC 21 EUOF	ACTUAL PERFORMANCE JAN 21 - DEC 21 EUOR	ACTUAL PERFORMANCE JAN 20 - DEC 20 POF	ACTUAL PERFORMANCE JAN 20 - DEC 20 EUOF	ACTUAL PERFORMANCE JAN 20 - DEC 20 EUOR	ACTUAL PERFORMANCE JAN 19 - DEC 19 POF	ACTUAL PERFORMANCE JAN 19 - DEC 19 EUOF	ACTUAL PERFORMANCE JAN 19 - DEC 19 EUOR
BIG BEND 4	5.66%	27.5%	18.9	19.9	24.5	18.7	12.8	15.8	37.1	25.1	39.9	16.5	28.0	39.8
POLK 2	7.87%	38.2%	3.8	5.3	5.5	11.0	3.7	4.1	2.8	7.7	8.0	4.5	2.9	3.0
BAYSIDE 1	5.94%	28.8%	5.3	4.7	5.0	5.4	5.8	6.2	7.7	2.9	3.1	11.1	3.7	4.1
BAYSIDE 2	1.13%	5.5%	21.8	3.1	4.0	5.5	1.9	2.0	4.3	5.0	5.2	11.4	3.2	3.6
GPIF SYSTEM	**20.59%**	**100.0%**	**9.4**	**9.0**	**10.5**	**11.2**	**6.7**	**7.8**	**13.7**	**10.9**	**15.2**	**10.1**	**10.0**	**13.5**
GPIF SYSTEM WEIGHTED EQUIVALENT AVAILABILITY (%)				**81.6**			**82.1**			**75.3**			**79.9**	

3 PERIOD AVERAGE POF	3 PERIOD AVERAGE EUOF	3 PERIOD AVERAGE EUOR	3 PERIOD AVERAGE EAF
11.7	**9.2**	**12.2**	**79.1**

AVERAGE NET OPERATING HEAT RATE (Btu/kWh)

PLANT / UNIT	WEIGHTING FACTOR (%)	NORMALIZED WEIGHTING FACTOR	TARGET HEAT RATE JAN 23 - DEC 23	ADJUSTED ACTUAL PERFORMANCE HEAT RATE JAN 21 - DEC 21	ADJUSTED ACTUAL PERFORMANCE HEAT RATE JAN 20 - DEC 20	ADJUSTED ACTUAL PERFORMANCE HEAT RATE JAN 19 - DEC 19
BIG BEND 4	26.52%	33.4%	10,777	10,630	10,785	10,876
POLK 2	28.52%	35.9%	7,279	7,279	7,197	7,427
BAYSIDE 1	14.60%	18.4%	7,481	7,484	7,467	7,462
BAYSIDE 2	9.76%	12.3%	8,280	8,232	8,212	8,326
GPIF SYSTEM	**79.41%**	**100.0%**				
GPIF SYSTEM WEIGHTED AVERAGE HEAT RATE (Btu/kWh)			**8,608**	**8,553**	**8,570**	**8,696**

TAMPA ELECTRIC COMPANY
DERIVATION OF WEIGHTING FACTORS
JANUARY 2023 - DECEMBER 2023
PRODUCTION COSTING SIMULATION
FUEL COST ($000)

UNIT PERFORMANCE INDICATOR	AT TARGET (1)	AT MAXIMUM IMPROVEMENT (2)	SAVINGS (3)	WEIGHTING FACTOR (% OF SAVINGS)
EQUIVALENT AVAILABILITY				
EA_3 BIG BEND 4	831,414.63	830,404.81	1,009.82	5.66%
EA_2 POLK 2	831,414.63	830,010.39	1,404.24	7.87%
EA_3 BAYSIDE 1	831,414.63	830,355.26	1,059.37	5.94%
EA_4 BAYSIDE 2	831,414.63	831,212.51	202.12	1.13%
AVERAGE HEAT RATE				
AHR_3 BIG BEND 4	831,414.63	826,680.40	4,734.23	26.52%
AHR_2 POLK 2	831,414.63	826,324.32	5,090.31	28.52%
AHR_3 BAYSIDE 1	831,414.63	828,808.75	2,605.88	14.60%
AHR_4 BAYSIDE 2	831,414.63	829,671.72	1,742.91	9.76%
TOTAL SAVINGS			**17,848.88**	**100.00%**

(1) Fuel Adjustment Base Case - All unit performance indicators at target.
(2) All other units performance indicators at target.
(3) Expressed in replacement energy cost.

GPIF TARGET AND RANGE SUMMARY

JANUARY 2023 - DECEMBER 2023

BIG BEND 4

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS / (LOSS) ($000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS / (LOSS) ($000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	1,009.8	66.1	+10	4,734.2	10,058
+9	908.8	65.6	+9	4,260.8	10,122
+8	807.9	65.1	+8	3,787.4	10,186
+7	706.9	64.6	+7	3,314.0	10,251
+6	605.9	64.2	+6	2,840.5	10,315
+5	504.9	63.7	+5	2,367.1	10,380
+4	403.9	63.2	+4	1,893.7	10,444
+3	302.9	62.7	+3	1,420.3	10,509
+2	202.0	62.2	+2	946.8	10,573
+1	101.0	61.7	+1	473.4	10,638
					10,702
0	0.0	61.2	0	0.0	10,777
					10,852
-1	(371.9)	60.2	-1	(473.4)	10,917
-2	(743.9)	59.2	-2	(946.8)	10,981
-3	(1,115.8)	58.2	-3	(1,420.3)	11,046
-4	(1,487.8)	57.3	-4	(1,893.7)	11,110
-5	(1,859.7)	56.3	-5	(2,367.1)	11,175
-6	(2,231.7)	55.3	-6	(2,840.5)	11,239
-7	(2,603.6)	54.3	-7	(3,314.0)	11,303
-8	(2,975.6)	53.3	-8	(3,787.4)	11,368
-9	(3,347.5)	52.3	-9	(4,260.8)	11,432
-10	(3,719.4)	51.4	-10	(4,734.2)	11,497
	Weighting Factor =	5.66%		Weighting Factor =	26.52%

TAMPA ELECTRIC COMPANY

GPIF TARGET AND RANGE SUMMARY

JANUARY 2023 - DECEMBER 2023

POLK 2

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS / (LOSS) ($000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS / (LOSS) ($000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	1,404.2	92.1	+10	5,090.3	7,088
+9	1,263.8	92.0	+9	4,581.3	7,100
+8	1,123.4	91.9	+8	4,072.3	7,111
+7	983.0	91.8	+7	3,563.2	7,123
+6	842.5	91.6	+6	3,054.2	7,134
+5	702.1	91.5	+5	2,545.2	7,146
+4	561.7	91.4	+4	2,036.1	7,158
+3	421.3	91.3	+3	1,527.1	7,169
+2	280.8	91.1	+2	1,018.1	7,181
+1	140.4	91.0	+1	509.0	7,193
					7,204
0	0.0	90.9	0	0.0	7,279
					7,354
-1	(70.0)	90.6	-1	(509.0)	7,366
-2	(139.9)	90.4	-2	(1,018.1)	7,377
-3	(209.9)	90.1	-3	(1,527.1)	7,389
-4	(279.8)	89.9	-4	(2,036.1)	7,401
-5	(349.8)	89.6	-5	(2,545.2)	7,412
-6	(419.8)	89.4	-6	(3,054.2)	7,424
-7	(489.7)	89.1	-7	(3,563.2)	7,436
-8	(559.7)	88.9	-8	(4,072.3)	7,447
-9	(629.7)	88.6	-9	(4,581.3)	7,459
-10	(699.6)	88.4	-10	(5,090.3)	7,470
	Weighting Factor =	7.87%		Weighting Factor =	28.52%

TAMPA ELECTRIC COMPANY

GPIF TARGET AND RANGE SUMMARY

JANUARY 2023 - DECEMBER 2023

BAYSIDE 1

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS / (LOSS) ($000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS / (LOSS) ($000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	1,059.4	91.2	+10	2,605.9	7,307
+9	953.4	91.1	+9	2,345.3	7,316
+8	847.5	91.0	+8	2,084.7	7,326
+7	741.6	90.9	+7	1,824.1	7,336
+6	635.6	90.7	+6	1,563.5	7,346
+5	529.7	90.6	+5	1,302.9	7,356
+4	423.7	90.5	+4	1,042.4	7,366
+3	317.8	90.4	+3	781.8	7,376
+2	211.9	90.3	+2	521.2	7,386
+1	105.9	90.1	+1	260.6	7,396
					7,406
0	0.0	90.0	0	0.0	7,481
					7,556
-1	(141.3)	89.8	-1	(260.6)	7,566
-2	(282.5)	89.5	-2	(521.2)	7,576
-3	(423.8)	89.3	-3	(781.8)	7,586
-4	(565.1)	89.1	-4	(1,042.4)	7,596
-5	(706.4)	88.8	-5	(1,302.9)	7,606
-6	(847.6)	88.6	-6	(1,563.5)	7,616
-7	(988.9)	88.3	-7	(1,824.1)	7,626
-8	(1,130.2)	88.1	-8	(2,084.7)	7,636
-9	(1,271.5)	87.9	-9	(2,345.3)	7,645
-10	(1,412.7)	87.6	-10	(2,605.9)	7,655
	Weighting Factor =	5.94%		Weighting Factor =	14.60%

TAMPA ELECTRIC COMPANY

GPIF TARGET AND RANGE SUMMARY

JANUARY 2023 - DECEMBER 2023

BAYSIDE 2

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS / (LOSS) ($000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVINGS / (LOSS) ($000)	ADJUSTED ACTUAL AVERAGE HEAT RATE
+10	202.1	76.9	+10	1,742.9	7,977
+9	181.9	76.7	+9	1,568.6	8,000
+8	161.7	76.5	+8	1,394.3	8,023
+7	141.5	76.3	+7	1,220.0	8,046
+6	121.3	76.2	+6	1,045.7	8,068
+5	101.1	76.0	+5	871.5	8,091
+4	80.8	75.8	+4	697.2	8,114
+3	60.6	75.7	+3	522.9	8,137
+2	40.4	75.5	+2	348.6	8,159
+1	20.2	75.3	+1	174.3	8,182
					8,205
0	0.0	75.2	0	0.0	8,280
					8,355
-1	(384.3)	74.8	-1	(174.3)	8,378
-2	(768.6)	74.5	-2	(348.6)	8,400
-3	(1,152.9)	74.1	-3	(522.9)	8,423
-4	(1,537.2)	73.8	-4	(697.2)	8,446
-5	(1,921.6)	73.4	-5	(871.5)	8,469
-6	(2,305.9)	73.1	-6	(1,045.7)	8,491
-7	(2,690.2)	72.8	-7	(1,220.0)	8,514
-8	(3,074.5)	72.4	-8	(1,394.3)	8,537
-9	(3,458.8)	72.1	-9	(1,568.6)	8,560
-10	(3,843.1)	71.7	-10	(1,742.9)	8,582
	Weighting Factor =	1.13%		Weighting Factor =	9.76%

TAMPA ELECTRIC COMPANY

ESTIMATED UNIT PERFORMANCE DATA

JANUARY 2023 - DECEMBER 2023

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND 4	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	2023
1. EAF (%)	75.5	75.5	75.5	0.0	14.6	75.5	75.5	75.5	75.5	75.5	40.2	75.5	61.2
2. POF	0.0	0.0	0.0	100.0	80.6	0.0	0.0	0.0	0.0	0.0	46.7	0.0	18.9
3. EUOF	24.5	24.5	24.5	0.0	4.7	24.5	24.5	24.5	24.5	24.5	13.1	24.5	19.9
4. EUOR	24.5	24.5	24.5	0.0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	637	467	607	0	56	488	382	663	490	670	202	293	4,955
7. RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
8. UH	107	205	137	720	688	232	362	81	230	74	518	451	3,805
9. POH	0	0	0	720	600	0	0	0	0	0	336	0	1,656
10. EFOH	110	99	110	0	21	106	110	110	106	110	57	110	1,049
11. EMOH	73	66	73	0	14	70	73	73	70	73	38	73	695
12. OPER BTU (GBTU)	2,372	1,788	1,999	0	150	1,334	1,055	1,826	1,406	1,883	550	808	15,223
13. NET GEN (MWH)	228,660	173,570	187,410	0	13,600	121,530	96,300	166,550	129,110	172,230	50,100	73,440	1,412,500
14. ANOHR (Btu/kwh)	10,373	10,299	10,665	12,463	11,015	10,979	10,960	10,966	10,893	10,931	10,985	11,004	10,777
15. NOF (%)	83.1	86.0	71.5	0.0	57.5	59.0	59.7	59.5	62.4	60.9	58.8	58.0	67.0
16. NPC (MW)	432	432	432	422	422	422	422	422	422	422	422	432	425
17. ANOHR EQUATION	ANOHR = NOF(	-25.146	) +	12,463									

TAMPA ELECTRIC COMPANY

ESTIMATED UNIT PERFORMANCE DATA

JANUARY 2023 - DECEMBER 2023

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
POLK 2	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	2023
1. EAF (%)	94.5	94.5	74.7	91.3	94.5	94.5	94.5	94.5	94.5	94.5	87.9	81.4	90.9
2. POF	0.0	0.0	21.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	7.0	13.9	3.8
3. EUOF	5.5	5.5	4.4	5.3	5.5	5.5	5.5	5.5	5.5	5.5	5.1	4.7	5.3
4. EUOR	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	637	556	536	690	725	700	718	721	705	727	702	590	8,007
7. RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
8. UH	107	116	208	30	19	20	26	23	15	17	18	154	753
9. POH	0	0	156	24	0	0	0	0	0	0	50	103	334
10. EFOH	21	19	16	19	21	20	21	21	20	21	18	18	232
11. EMOH	21	19	16	19	21	20	21	21	20	21	18	18	232
12. OPER BTU (GBTU)	1,390	1,265	1,232	2,296	2,970	3,212	3,457	3,518	3,479	2,975	2,238	1,763	30,000
13. NET GEN (MWH)	185,540	169,170	164,760	313,930	411,800	449,400	485,790	495,090	490,010	412,410	305,260	238,250	4,121,410
14. ANOHR (Btu/kwh)	7,490	7,480	7,477	7,313	7,212	7,146	7,115	7,106	7,099	7,213	7,331	7,401	7,279
15. NOF (%)	24.3	25.4	25.6	42.9	53.5	60.5	63.8	64.7	65.5	53.5	41.0	33.7	46.5
16. NPC (MW)	1,200	1,200	1,200	1,061	1,061	1,061	1,061	1,061	1,061	1,061	1,061	1,200	1,107
17. ANOHR EQUATION	ANOHR = NOF(	-9.479	) +	7,720									

TAMPA ELECTRIC COMPANY

ESTIMATED UNIT PERFORMANCE DATA

JANUARY 2023 - DECEMBER 2023

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BAYSIDE 1	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	2023
1. EAF (%)	95.0	95.0	94.4	78.9	95.0	95.0	95.0	95.0	95.0	95.0	82.4	64.4	90.0
2. POF	0.0	0.0	0.6	17.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3	32.3	5.3
3. EUOF	5.0	5.0	4.9	4.1	5.0	5.0	5.0	5.0	5.0	5.0	4.3	3.4	4.7
4. EUOR	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	707	639	703	568	707	684	707	707	684	707	593	479	7,884
7. RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
8. UH	37	33	41	152	37	36	37	37	36	37	127	265	875
9. POH	0	0	5	122	0	0	0	0	0	0	96	240	463
10. EFOH	17	15	17	14	17	16	17	17	16	17	14	11	188
11. EMOH	20	18	20	16	20	19	20	20	19	20	17	14	223
12. OPER BTU (GBTU)	1,015	879	1,506	1,353	1,798	2,002	2,214	2,137	2,158	1,745	1,006	986	18,840
13. NET GEN (MWH)	134,370	116,290	200,520	181,040	240,940	269,370	298,520	287,730	291,010	233,640	133,730	131,220	2,518,380
14. ANOHR (Btu/kwh)	7,556	7,560	7,510	7,474	7,462	7,433	7,418	7,426	7,416	7,468	7,525	7,516	7,481
15. NOF (%)	24.0	23.0	36.0	45.5	48.6	56.2	60.2	58.1	60.7	47.1	32.2	34.6	43.7
16. NPC (MW)	792	792	792	701	701	701	701	701	701	701	701	792	731
17. ANOHR EQUATION	ANOHR = NOF(	-3.808	) +	7,647									

EXHIBIT NO. _____ (PAB-2)
TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
DOCUMENT NO. 1
PAGE 13 OF 28

TAMPA ELECTRIC COMPANY

ESTIMATED UNIT PERFORMANCE DATA

JANUARY 2023 - DECEMBER 2023

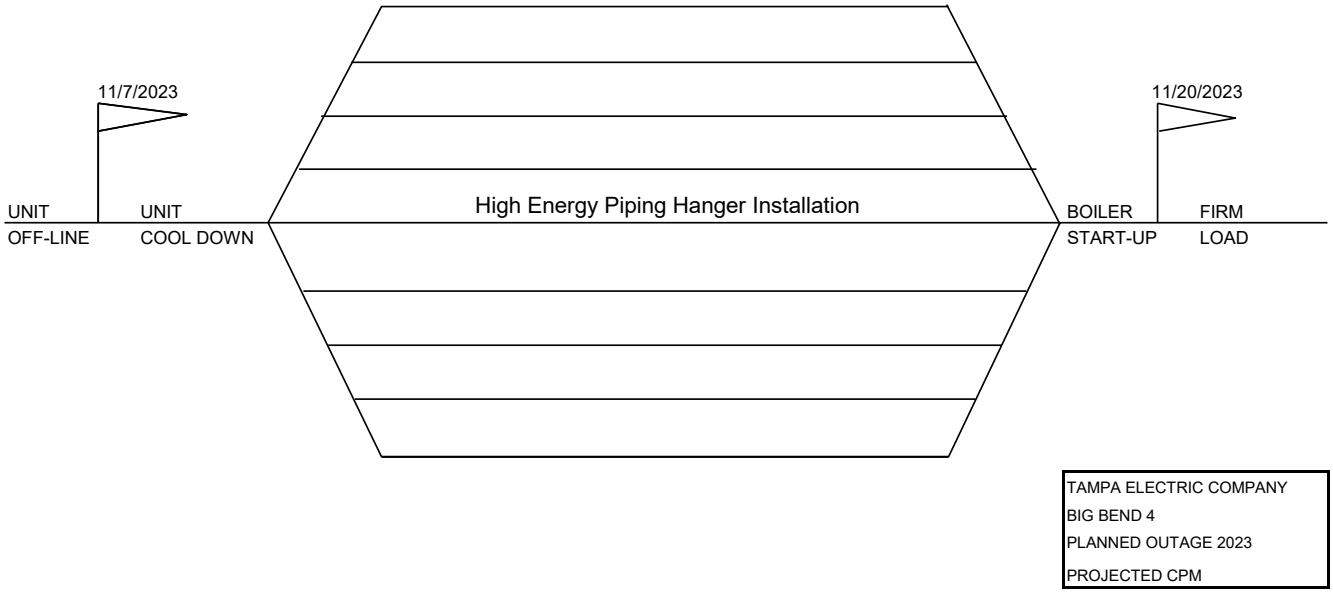
PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BAYSIDE 2	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	2023
1. EAF (%)	96.0	96.0	96.0	91.2	84.0	96.0	96.0	96.0	22.4	0.0	32.0	96.0	75.2
2. POF	0.0	0.0	0.0	5.0	12.6	0.0	0.0	0.0	76.7	100.0	66.7	0.0	21.8
3. EUOF	4.0	4.0	4.0	3.8	3.5	4.0	4.0	4.0	0.9	0.0	1.3	4.0	3.1
4. EUOR	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	0.0	4.0	4.0	4.0
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	715	645	715	657	625	692	715	715	161	0	231	715	6,583
7. RSH	0	0	0	0	0	0	0	0	0	0	0	0	0
8. UH	29	27	29	63	119	28	29	29	559	744	489	29	2,176
9. POH	0	0	0	36	94	0	0	0	552	744	480	0	1,906
10. EFOH	5	5	5	5	5	5	5	5	1	0	2	5	50
11. EMOH	24	22	24	22	21	23	24	24	5	0	8	24	221
12. OPER BTU (GBTU)	939	807	1,108	968	1,146	1,141	1,403	1,386	261	0	313	1,024	10,513
13. NET GEN (MWH)	111,990	96,090	133,080	116,610	139,870	138,340	172,060	169,790	31,680	0	37,610	122,610	1,269,730
14. ANOHR (Btu/kwh)	8,384	8,400	8,325	8,297	8,192	8,246	8,154	8,161	8,253	0	8,330	8,354	8,280
15. NOF (%)	15.0	14.2	17.8	19.1	24.1	21.5	25.9	25.6	21.2	0.0	17.6	16.4	19.9
16. NPC (MW)	1,047	1,047	1,047	929	929	929	929	929	929	929	929	1,047	968
17. ANOHR EQUATION	ANOHR = NOF(	-21.057	) +	8,699									

TAMPA ELECTRIC COMPANY
ESTIMATED PLANNED OUTAGE SCHEDULE
GPIF UNITS
JANUARY 2023 - DECEMBER 2023

	PLANT / UNIT	PLANNED OUTAGE DATES			OUTAGE DESCRIPTION
+	BIG BEND 4	Apr 01	-	May 25	Waterwall, Penthouse headers, Pipe Hangers
		Nov 07	-	Nov 20	Cleanup Outage
	POLK 2	Mar 06	-	Mar 10	Combined Cycle Planned Outage
		Dec 11	-	Dec 15	Combined Cycle Planned Outage
	BAYSIDE 1	Nov 27	-	Dec 10	Combined Cycle Planned Outage
+	BAYSIDE 2	Sep 08	-	Nov 20	CT 2A Major and AGP upgrade CT 2B Major and AGP upgrade CT 2C Major and AGP upgrade CT 2C Major and AGP upgrade Mark Vie DCS and LCI Upgrades Steam Turbine valve overhauls Unit 2 CW Inlet structural refurbishment CW Tunnel liner replacement Steam Turbine 2 Exciter replacement

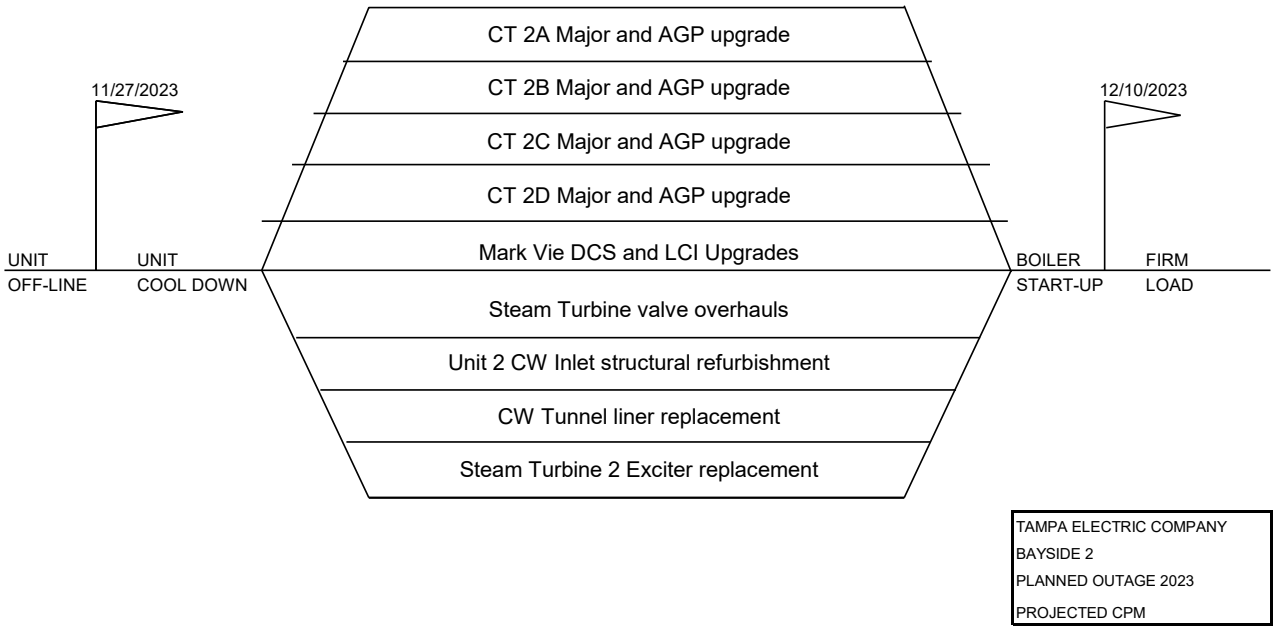
+ These units have CPM included. CPM for units with less than or equal to 4 weeks are not included.

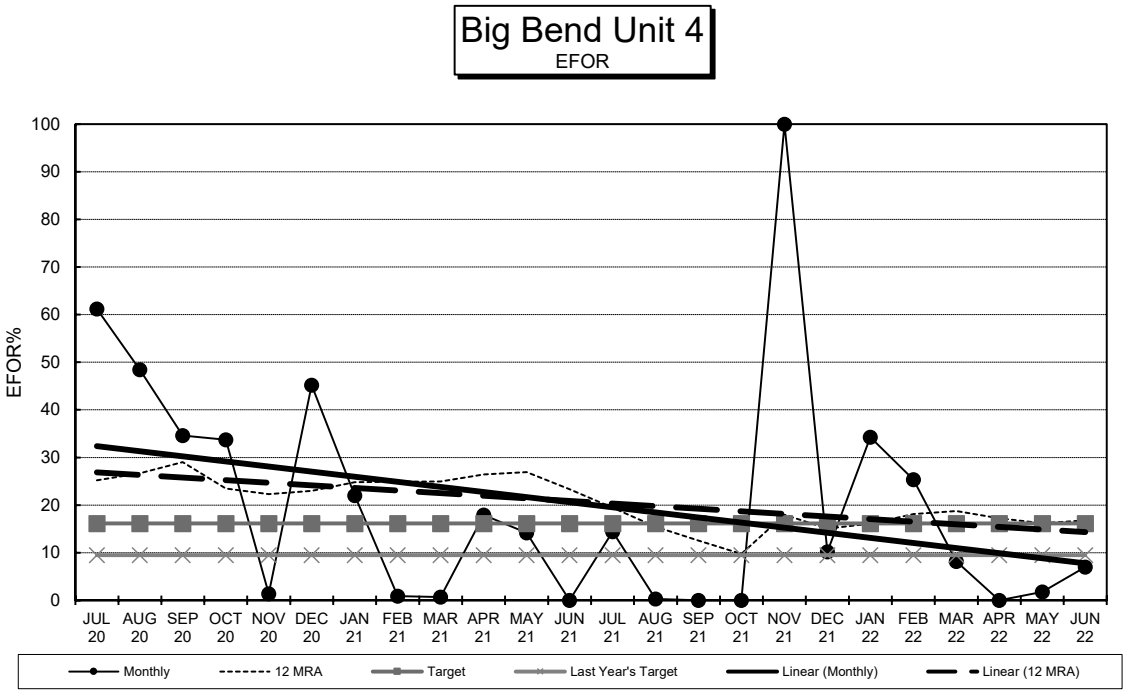
TAMPA ELECTRIC COMPANY
CRITICAL PATH METHOD DIAGRAMS
GPIF UNITS > FOUR WEEKS
JANUARY 2023 - DECEMBER 2023

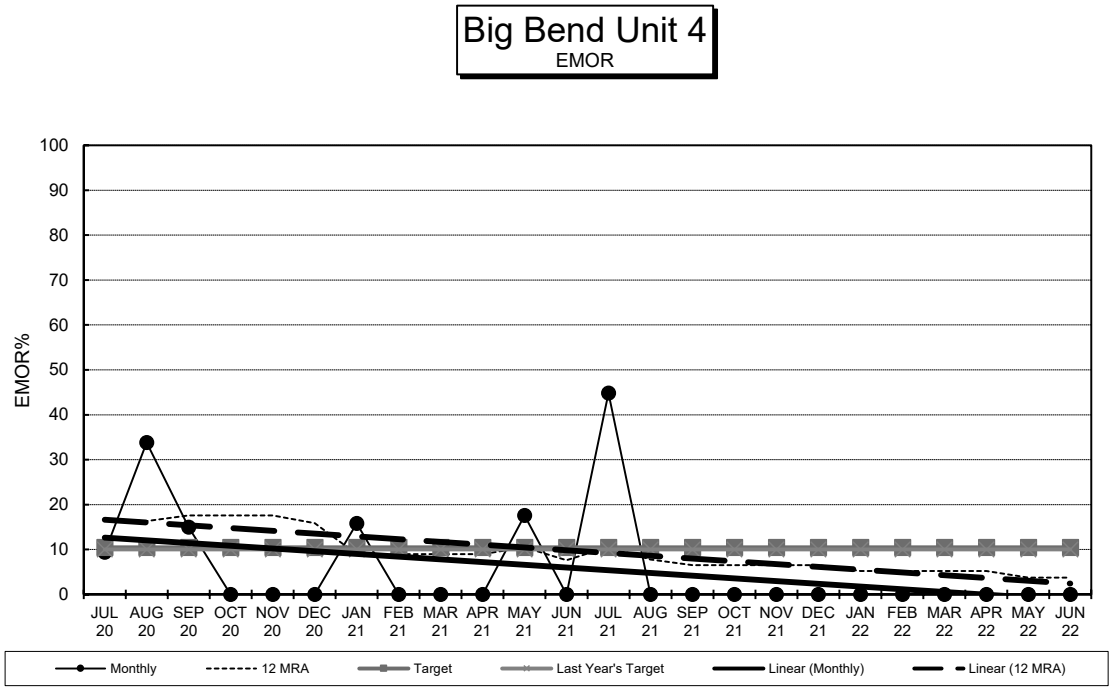


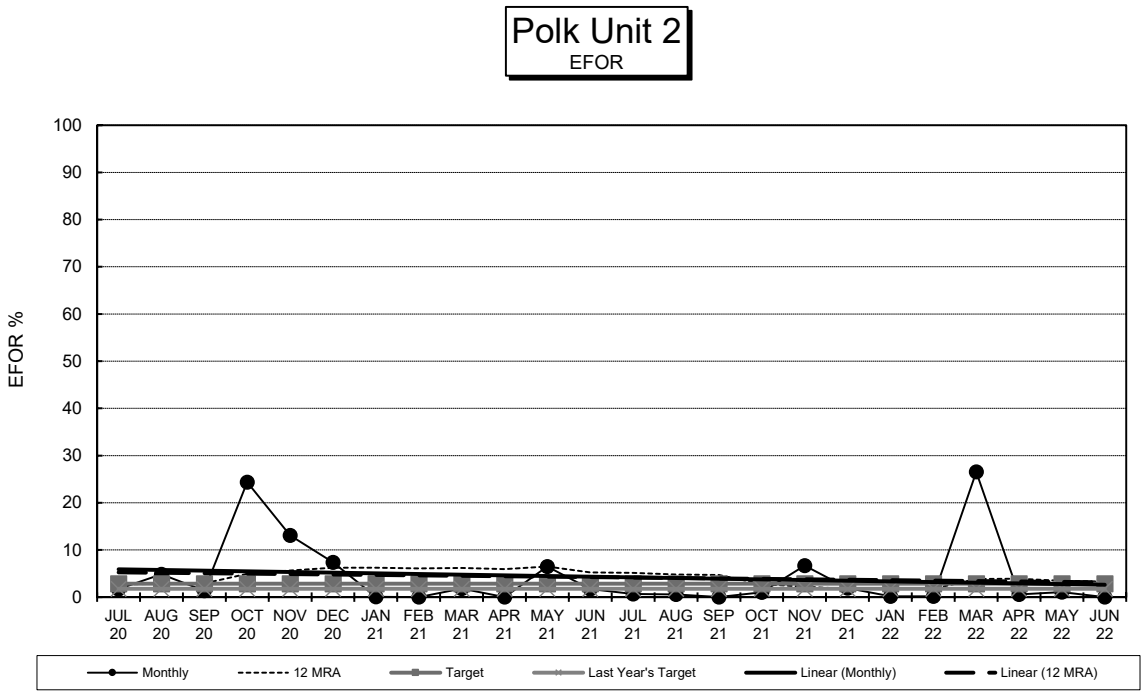
TAMPA ELECTRIC COMPANY
BIG BEND 4
PLANNED OUTAGE 2023
PROJECTED CPM

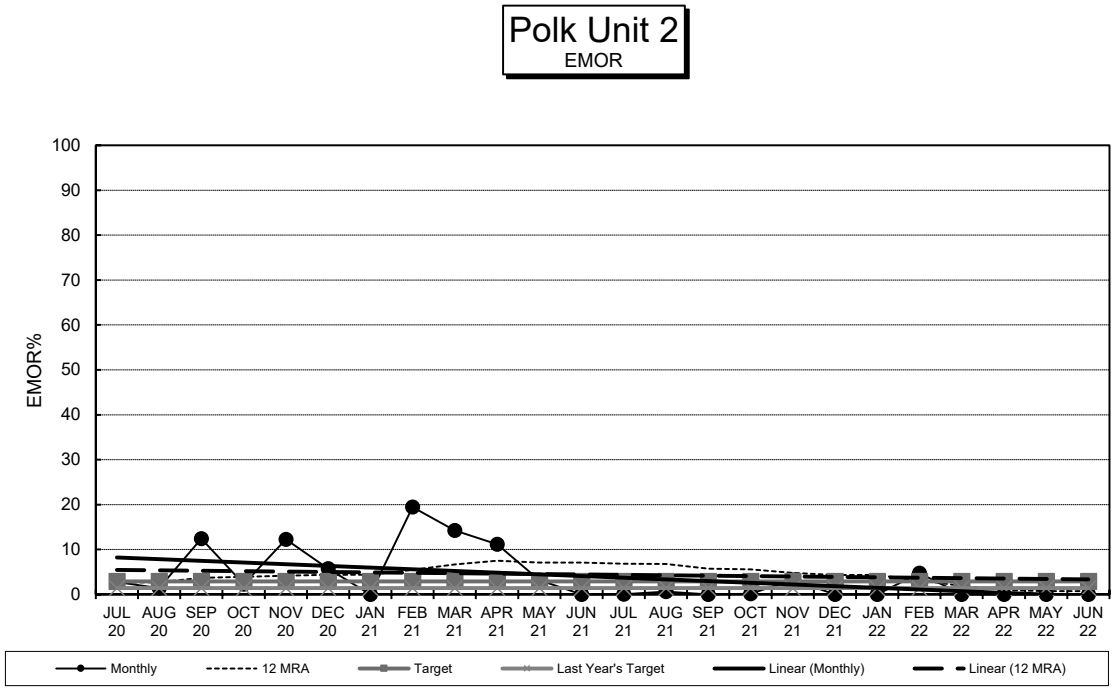
TAMPA ELECTRIC COMPANY
CRITICAL PATH METHOD DIAGRAMS
GPIF UNITS > FOUR WEEKS
JANUARY 2023 - DECEMBER 2023

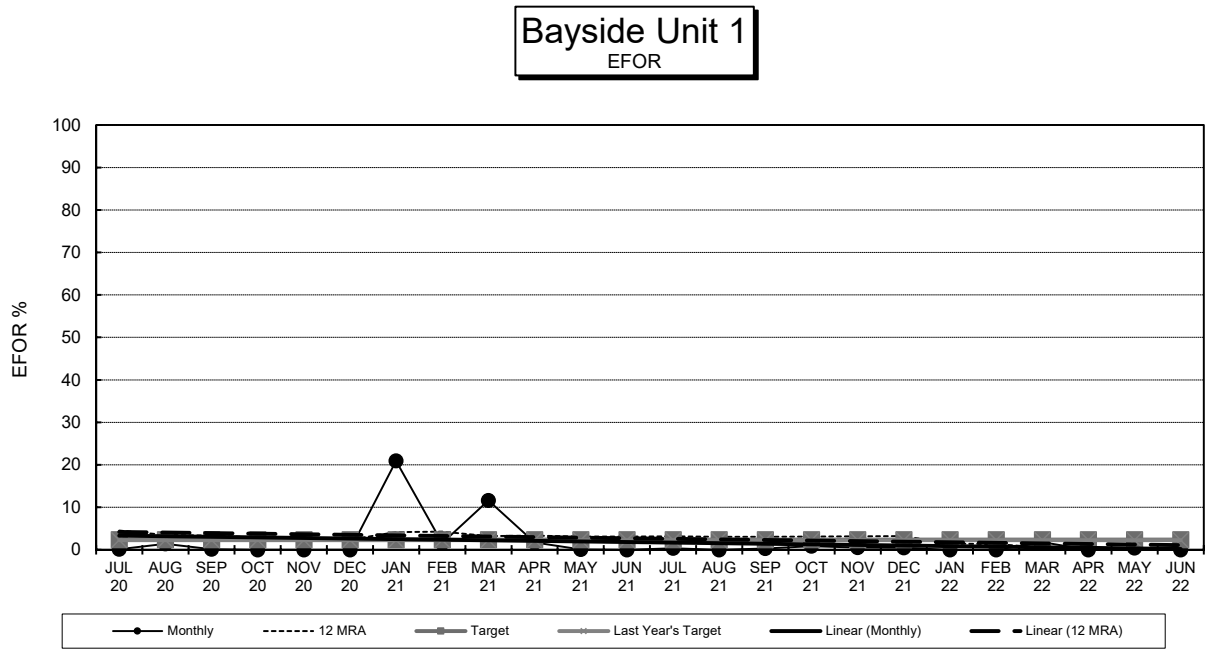


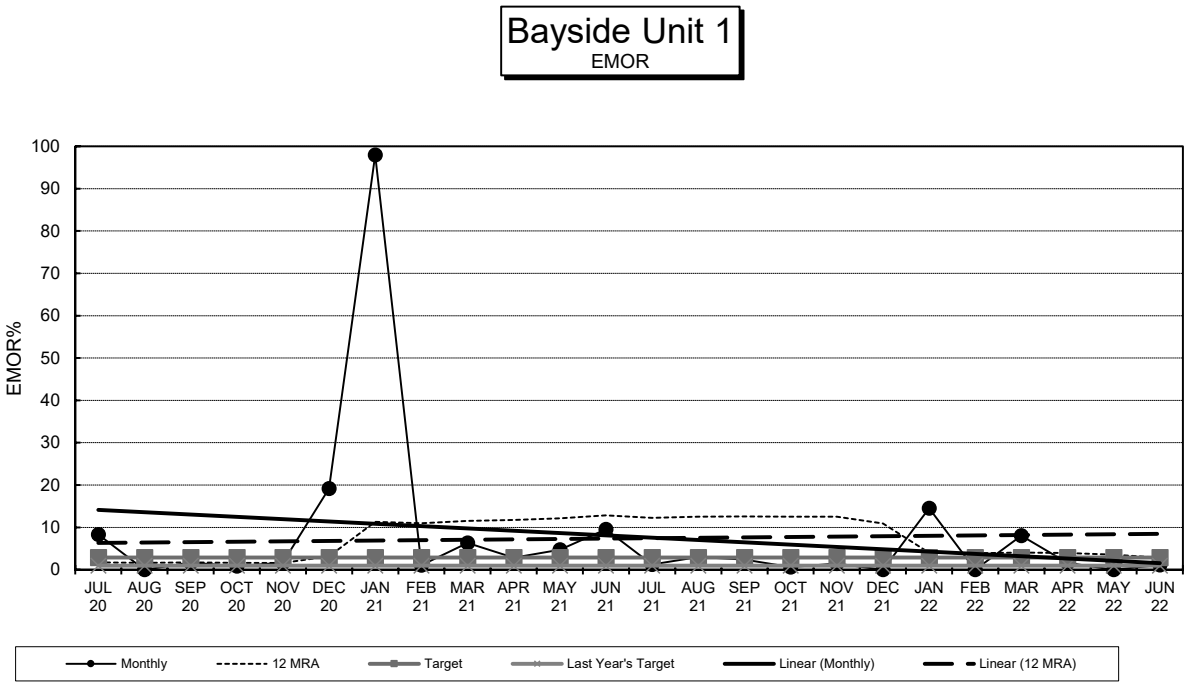

Big Bend Unit 4
EFOR
EFOR%
100
90
80
70
60
50
40
30
20
10
0
JUL 20
AUG 20
SEP 20
OCT 20
NOV 20
DEC 20
JAN 21
FEB 21
MAR 21
APR 21
MAY 21
JUN 21
JUL 21
AUG 21
SEP 21
OCT 21
NOV 21
DEC 21
JAN 22
FEB 22
MAR 22
APR 22
MAY 22
JUN 22
Monthly
12 MRA
Target
Last Year's Target
Linear (Monthly)
Linear (12 MRA)

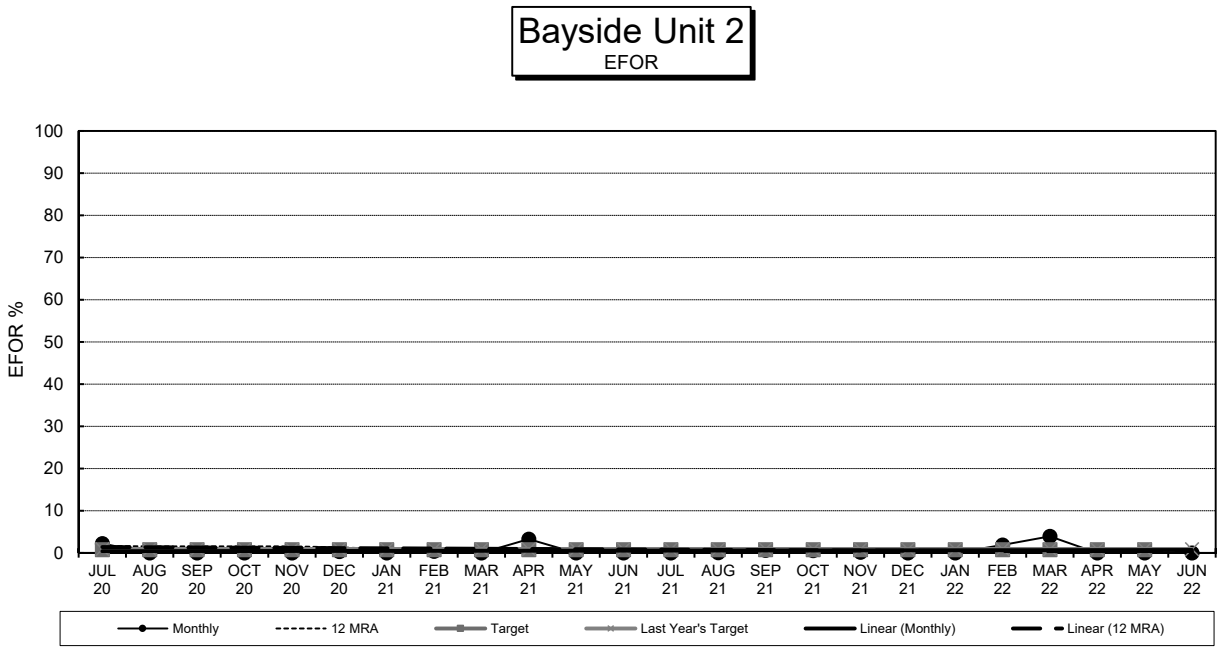

Big Bend Unit 4
EMOR
EMOR%
100
90
80
70
60
50
40
30
20
10
0
JUL 20
AUG 20
SEP 20
OCT 20
NOV 20
DEC 20
JAN 21
FEB 21
MAR 21
APR 21
MAY 21
JUN 21
JUL 21
AUG 21
SEP 21
OCT 21
NOV 21
DEC 21
JAN 22
FEB 22
MAR 22
APR 22
MAY 22
JUN 22
Monthly
12 MRA
Target
Last Year's Target
Linear (Monthly)
Linear (12 MRA)

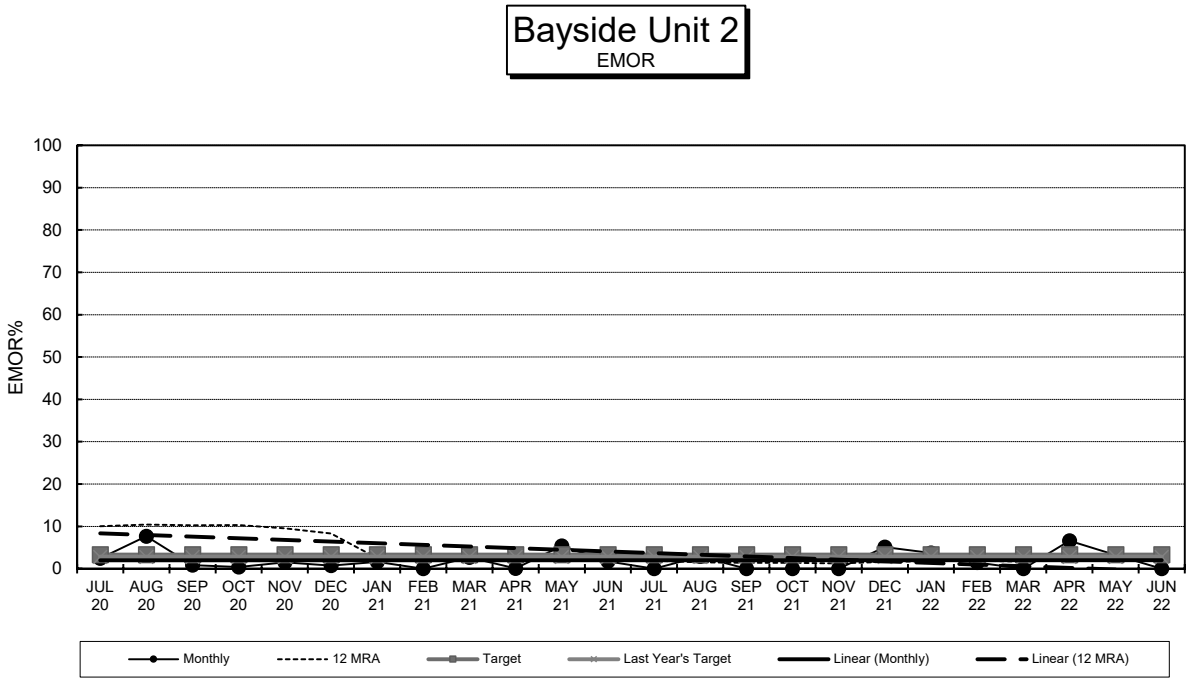

Polk Unit 2
EFOR
EFOR %
100
90
80
70
60
50
40
30
20
10
0
JUL 20
AUG 20
SEP 20
OCT 20
NOV 20
DEC 20
JAN 21
FEB 21
MAR 21
APR 21
MAY 21
JUN 21
JUL 21
AUG 21
SEP 21
OCT 21
NOV 21
DEC 21
JAN 22
FEB 22
MAR 22
APR 22
MAY 22
JUN 22
Monthly
12 MRA
Target
Last Year's Target
Linear (Monthly)
Linear (12 MRA)

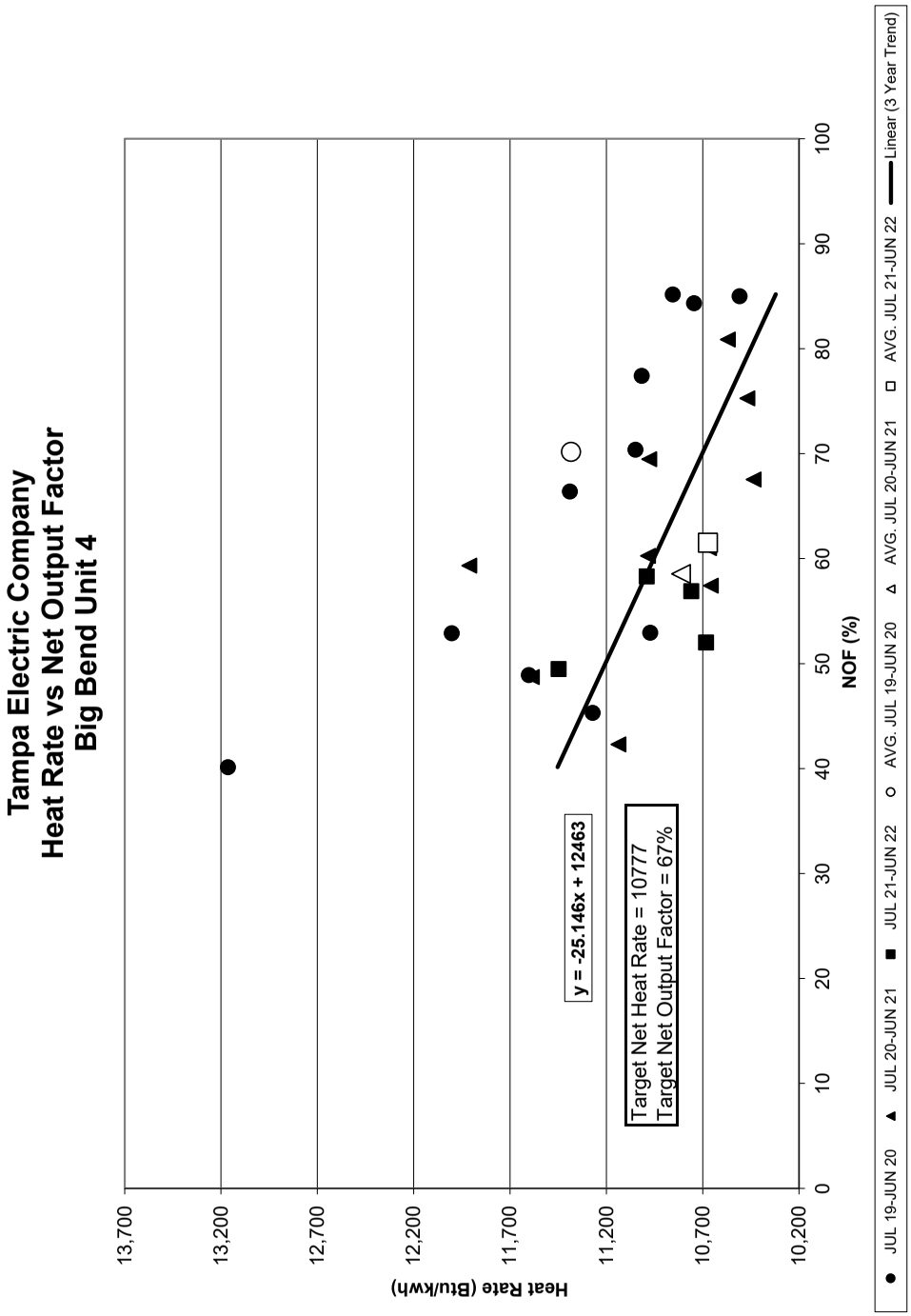

Polk Unit 2
EMOR
EMOR%
100
90
80
70
60
50
40
30
20
10
0
JUL 20
AUG 20
SEP 20
OCT 20
NOV 20
DEC 20
JAN 21
FEB 21
MAR 21
APR 21
MAY 21
JUN 21
JUL 21
AUG 21
SEP 21
OCT 21
NOV 21
DEC 21
JAN 22
FEB 22
MAR 22
APR 22
MAY 22
JUN 22
Monthly
12 MRA
Target
Last Year's Target
Linear (Monthly)
Linear (12 MRA)

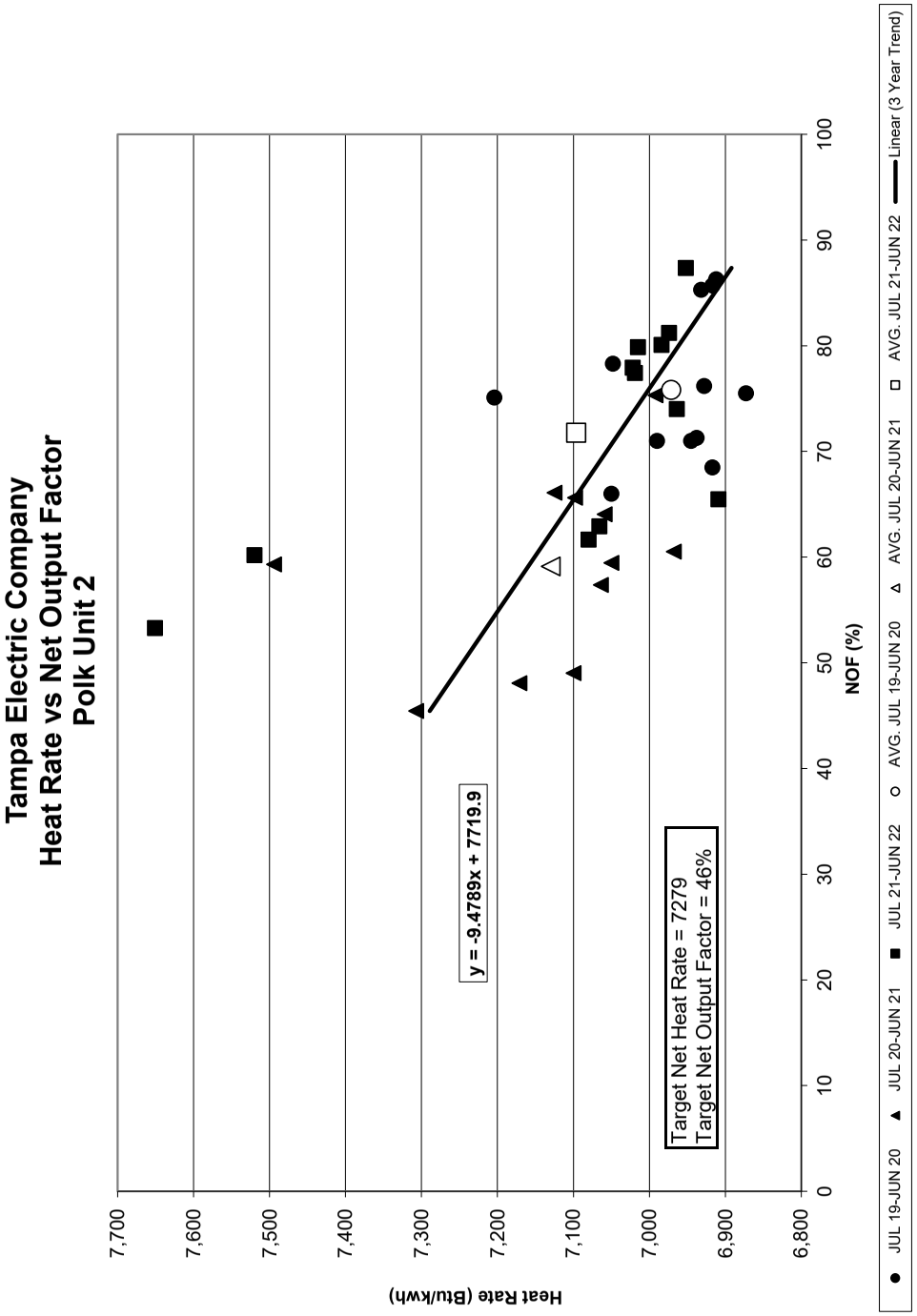

Bayside Unit 1
EFOR
EFOR %
100
90
80
70
60
50
40
30
20
10
0
JUL 20
AUG 20
SEP 20
OCT 20
NOV 20
DEC 20
JAN 21
FEB 21
MAR 21
APR 21
MAY 21
JUN 21
JUL 21
AUG 21
SEP 21
OCT 21
NOV 21
DEC 21
JAN 22
FEB 22
MAR 22
APR 22
MAY 22
JUN 22
Monthly
12 MRA
Target
Last Year's Target
Linear (Monthly)
Linear (12 MRA)

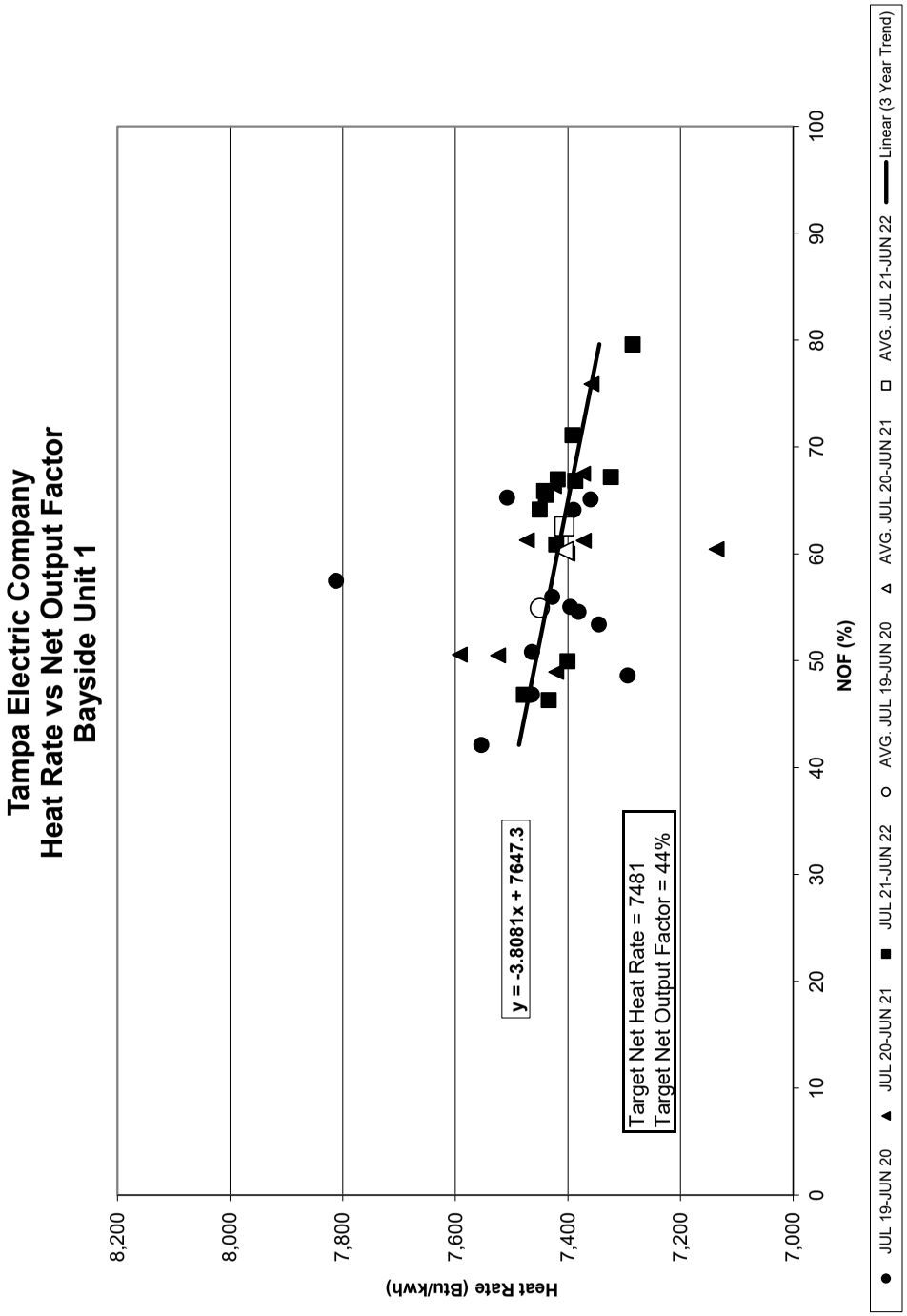

Bayside Unit 1
EMOR
EMOR%
100
90
80
70
60
50
40
30
20
10
0
JUL 20
AUG 20
SEP 20
OCT 20
NOV 20
DEC 20
JAN 21
FEB 21
MAR 21
APR 21
MAY 21
JUN 21
JUL 21
AUG 21
SEP 21
OCT 21
NOV 21
DEC 21
JAN 22
FEB 22
MAR 22
APR 22
MAY 22
JUN 22
Monthly
12 MRA
Target
Last Year's Target
Linear (Monthly)
Linear (12 MRA)

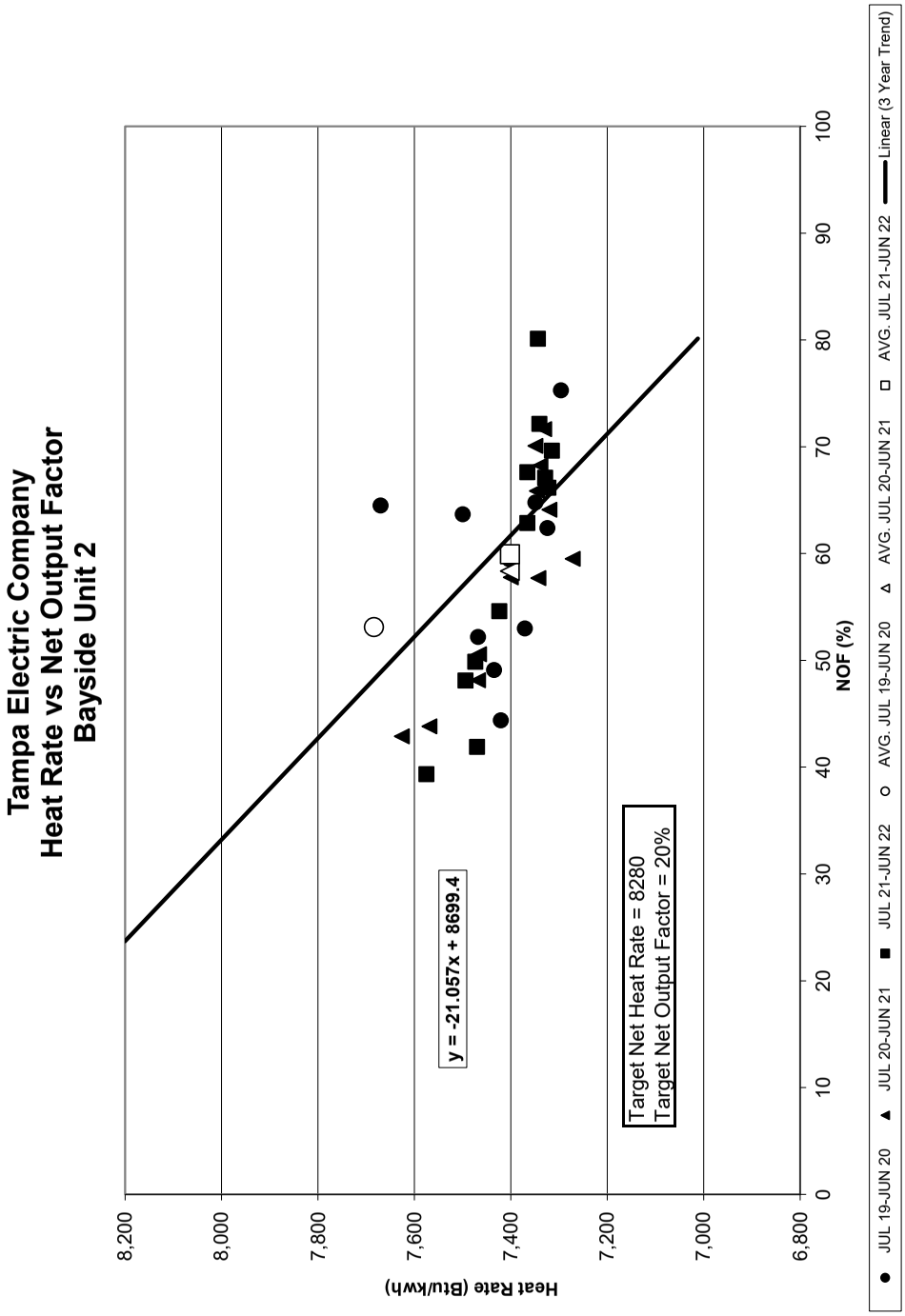

Bayside Unit 2
EFOR
EFOR %
100
90
80
70
60
50
40
30
20
10
0
JUL 20
AUG 20
SEP 20
OCT 20
NOV 20
DEC 20
JAN 21
FEB 21
MAR 21
APR 21
MAY 21
JUN 21
JUL 21
AUG 21
SEP 21
OCT 21
NOV 21
DEC 21
JAN 22
FEB 22
MAR 22
APR 22
MAY 22
JUN 22
Monthly
12 MRA
Target
Last Year's Target
Linear (Monthly)
Linear (12 MRA)


Bayside Unit 2
EMOR
EMOR%
100
90
80
70
60
50
40
30
20
10
0
JUL 20
AUG 20
SEP 20
OCT 20
NOV 20
DEC 20
JAN 21
FEB 21
MAR 21
APR 21
MAY 21
JUN 21
JUL 21
AUG 21
SEP 21
OCT 21
NOV 21
DEC 21
JAN 22
FEB 22
MAR 22
APR 22
MAY 22
JUN 22
Monthly
12 MRA
Target
Last Year's Target
Linear (Monthly)
Linear (12 MRA)


Tampa Electric Company
Heat Rate vs Net Output Factor
Big Bend Unit 4
Heat Rate (Btu/kwh)
13,700
13,200
12,700
12,200
11,700
11,200
10,700
10,200
NOF (%)
0
10
20
30
40
50
60
70
80
90
100
y = -25.146x + 12463
Target Net Heat Rate = 10777
Target Net Output Factor = 67%
JUL 19-JUN 20
JUL 20-JUN 21
JUL 21-JUN 22
AVG. JUL 19-JUN 20
AVG. JUL 20-JUN 21
AVG. JUL 21-JUN 22
Linear (3 Year Trend)


Tampa Electric Company
Heat Rate vs Net Output Factor
Polk Unit 2
Heat Rate (Btu/kwh)
NOF (%)
y = -9.4789x + 7719.9
Target Net Heat Rate = 7279
Target Net Output Factor = 46%
JUL 19-JUN 20
JUL 20-JUN 21
JUL 21-JUN 22
AVG. JUL 19-JUN 20
AVG. JUL 20-JUN 21
AVG. JUL 21-JUN 22
Linear (3 Year Trend)


Tampa Electric Company
Heat Rate vs Net Output Factor
Bayside Unit 1
Heat Rate (Btu/kwh)
NOF (%)
8,200
8,000
7,800
7,600
7,400
7,200
7,000
0
10
20
30
40
50
60
70
80
90
100
y = -3.8081x + 7647.3
Target Net Heat Rate = 7481
Target Net Output Factor = 44%
JUL 19-JUN 20
JUL 20-JUN 21
JUL 21-JUN 22
AVG. JUL 19-JUN 20
AVG. JUL 20-JUN 21
AVG. JUL 21-JUN 22
Linear (3 Year Trend)


Tampa Electric Company
Heat Rate vs Net Output Factor
Bayside Unit 2
Heat Rate (Btu/kwh)
NOF (%)
y = -21.057x + 8699.4
Target Net Heat Rate = 8280
Target Net Output Factor = 20%
JUL 19-JUN 20
JUL 20-JUN 21
JUL 21-JUN 22
AVG. JUL 19-JUN 20
AVG. JUL 20-JUN 21
AVG. JUL 21-JUN 22
Linear (3 Year Trend)

TAMPA ELECTRIC COMPANY
GENERATING UNITS IN GPIF
TABLE 4.2
JANUARY 2023 - DECEMBER 2023

PLANT / UNIT		ANNUAL GROSS MDC (MW)	ANNUAL NET NDC (MW)
BIG BEND 4		458	425
POLK 2		1,130	1,107
BAYSIDE 1		740	731
BAYSIDE 2		979	968
	GPIF TOTAL	3,308	3,232
	SYSTEM TOTAL	**6,386**	**6,243**
	% OF SYSTEM TOTAL	**51.8%**	**51.8%**

TAMPA ELECTRIC COMPANY
UNIT RATINGS
JANUARY 2023 - DECEMBER 2023

PLANT / UNIT		ANNUAL GROSS MDC (MW)	ANNUAL NET NDC (MW)
BAYSIDE 1		740	731
BAYSIDE 2		979	968
BAYSIDE 3		59	58
BAYSIDE 4		59	58
BAYSIDE 5		59	58
BAYSIDE 6		59	58
	BAYSIDE TOTAL	1,954	1,930
BIG BEND 1		1,101	1,076
BIG BEND 3		368	348
BIG BEND 4		458	425
BIG BEND CT4		59	58
	BIG BEND TOTAL	1,987	1,908
POLK 1		225	210
POLK 2		1,130	1,107
	POLK TOTAL	1,355	1,317
SOLAR		1,091	1,087
	SOLAR TOTAL	1,091	1,087
	SYSTEM TOTAL	**6,386**	**6,243**

TAMPA ELECTRIC COMPANY
PERCENT GENERATION BY UNIT
JANUARY 2023 - DECEMBER 2023

PLANT	UNIT		NET OUTPUT MWH	PERCENT OF PROJECTED OUTPUT	PERCENT CUMULATIVE PROJECTED OUTPUT
BIG BEND	1	(new CC without history)	8,708,240	41.60%	41.60%
POLK	2		4,121,410	19.69%	61.28%
BAYSIDE	1		2,518,380	12.03%	73.31%
SOLAR			2,355,720	11.25%	84.56%
BIG BEND	4		1,412,500	6.75%	91.31%
BAYSIDE	2		1,269,730	6.06%	97.37%
POLK	1		437,640	2.09%	99.46%
BIG BEND	3		50,320	0.24%	99.71%
BAYSIDE	6		13,000	0.06%	99.77%
BAYSIDE	5		12,440	0.06%	99.83%
BAYSIDE	3		12,380	0.06%	99.89%
BIG BEND CT	4		12,260	0.06%	99.94%
BAYSIDE	4		11,660	0.06%	100.00%
TOTAL GENERATION			20,935,680	100.00%	

GENERATION BY COAL UNITS: 1,412,500 MWH
% GENERATION BY COAL UNITS 6.75%

GENERATION BY NATURAL GAS UNITS: 17,167,460 MWH
% GENERATION BY NATURAL GAS UNITS: 82.00%

GENERATION BY SOLAR UNITS: 2,355,720 MWH
% GENERATION BY SOLAR UNIT 11.25%

GENERATION BY GPIF UNITS: 9,322,020 MWH
% GENERATION BY GPIF UNITS: 44.53%

DOCKET NO. 20220001-EI
GPIF 2023 PROJECTION
FILING EXHIBIT NO. PAB-2
DOCUMENT NO. 2

EXHIBIT TO THE TESTIMONY

OF

PATRICK A. BOKOR

DOCUMENT NO. 2

SUMMARY OF GPIF TARGETS

JANUARY 2023 – DECEMBER 2023

TAMPA ELECTRIC COMPANY
SUMMARY OF GPIF TARGETS
JANUARY 2023 - DECEMBER 2023

Unit	Availability			Net
	EAF	POF	EUOF	Heat Rate
Big Bend 4[1]	61.2	18.9	19.9	10,777
Polk 2[2]	90.9	3.8	5.3	7,279
Bayside 1[3]	90.0	5.3	4.7	7,481
Bayside 2[4]	75.2	21.8	3.1	8,280

1 Original Sheet 8.401.20E, Page 12

2 Original Sheet 8.401.20E, Page 13

3 Original Sheet 8.401.20E, Page 14

4 Original Sheet 8.401.20E, Page 15

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 36
PARTY: JCH-1
DESCRIPTION: Optimization Mechanism Results January 2021-December 2021

EXHIBIT TO THE TESTIMONY OF

JOHN C. HEISEY

OPTIMIZATION MECHANISM RESULTS

JANUARY 2021 – DECEMBER 2021

TAMPA ELECTRIC
OPTIMIZATION MECHANISM
Actual for the Period: January 2021 through December 2021

TOTAL GAINS THRESHOLD SCHEDULE-Table 1

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Month	Wholesale Sales Total Gains ($)	Wholesale Purchases Total Savings ($)	Asset Optimization Gains ($)	Total Monthly Gains ($)	**Threshold 1** Gains ≤ $4.5 M ($)	**Threshold 2** $4.5M < Gains ≤ $8.0M ($)	**Threshold 3** Gains > $8.0 M ($)
				(2) + (3) + (4)			
January	3,117	17,338	24,000	44,455	44,455	-	-
February	22,414	35,360	2,715,992	2,773,766	2,773,766	-	-
March	320	445,684	208,896	654,900	654,900	-	-
April	25,667	413,997	25,796	465,460	465,460	-	-
May	48,506	1,933,111	341,416	2,323,033	561,419	1,761,614	-
June	26,083	976,028	43,771	1,045,882	-	1,045,882	-
July	5,237	1,591,511	89,481	1,686,229	-	692,504	993,725
August	33,191	1,554,001	68,459	1,655,651	-	-	1,655,651
September	539,199	1,007,098	133,957	1,680,254	-	-	1,680,254
October	308,666	431,339	24,000	764,005	-	-	764,005
November	11,266	276,271	24,000	311,537	-	-	311,537
December	-	10,560	24,000	34,560	-	-	34,560
Total	**1,023,666**	**8,692,298**	**3,723,768**	**13,439,732**	**4,500,000**	**3,500,000**	**5,439,732**

TOTAL GAINS SHARING SCHEDULE-Table 2

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Month	**Threshold 1** Gains ≤ $4.5 M 100% Customer Benefit ($)	**Threshold 2** $4.5M < Gains ≤ $8.0M 40% Customer Benefit ($)	**Threshold 2** $4.5M < Gains ≤ $8.0M 60% TEC Benefit ($)	**Threshold 3** Gains > $8.0 M 50% Customer Benefit ($)	**Threshold 3** Gains > $8.0 M 50% TEC Benefit ($)	**Total** Customer Benefits ($)	**Total** TEC Benefits ($)
January	44,455	-	-	-	-	44,455	-
February	2,773,766	-	-	-	-	2,773,766	-
March	654,900	-	-	-	-	654,900	-
April	465,460	-	-	-	-	465,460	-
May	561,419	704,646	1,056,968	-	-	1,266,065	1,056,968
June	-	418,353	627,529	-	-	418,353	627,529
July	-	277,002	415,502	496,863	496,863	773,864	912,365
August	-	-	-	827,826	827,826	827,826	827,826
September	-	-	-	840,127	840,127	840,127	840,127
October	-	-	-	382,003	382,003	382,003	382,003
November	-	-	-	155,769	155,769	155,769	155,769
December	-	-	-	17,280	17,280	17,280	17,280
Total	**4,500,000**	**1,400,000**	**2,100,000**	**2,719,866**	**2,719,866**	**8,619,866**	**4,819,866**

TAMPA ELECTRIC
WHOLESALE POWER DETAIL
Actual for the Period: January 2021 through December 2021

Wholesale Sales-Table 3

(1)	(2)	(3)	(4)	(5)
Month	Wholesale Sales (MWh)	Wholesale Gross Gains ($)	Third Party Transmission Costs ($)	Total Net Wholesale Sales Gains ($)
				(3) + (4)
January	500	5,658	(2,541)	3,117
February	1,413	34,367	(11,953)	22,414
March	40	562	(242)	320
April	2,625	39,311	(13,644)	25,667
May	5,300	71,166	(22,660)	48,506
June	2,090	33,090	(7,007)	26,083
July	765	10,779	(5,542)	5,237
August	2,100	44,364	(11,173)	33,191
September	42,576	768,844	(229,645)	539,199
October	20,788	430,569	(121,903)	308,666
November	946	17,702	(6,436)	11,266
December				0
Total	**79,143**	**1,456,412**	**(432,746)**	**1,023,666**

Wholesale Purchases-Table 4

(1)	(2)	(3)	(4)	(5)
Month	Wholesale Purchases (MWh)	Wholesale Savings ($)	Capacity Purchases ($)	Total Net Wholesale Purchase Gains ($)
				(3) + (4)
January	4,235	17,338	-	17,338
February	64,420	35,360	-	35,360
March	78,325	445,684	-	445,684
April	117,300	413,997	-	413,997
May	258,930	1,933,111	-	1,933,111
June	273,570	976,028	-	976,028
July	297,556	1,591,511	-	1,591,511
August	284,697	1,554,001	-	1,554,001
September	266,109	1,007,098	-	1,007,098
October	121,450	431,339	-	431,339
November	71,290	276,271	-	276,271
December	3,200	10,560	-	10,560
Total	**1,841,082**	**8,692,298**	**-**	**8,692,298**

TAMPA ELECTRIC
ASSET OPTIMIZATION DETAIL-Table 5
Actual for the Period: January 2021 through December 2021

(1) Month	(2) Natural Gas Storage Optimization ($)	(3) Natural Gas AMA Gains ($)	(4) Production Area Sales	(5) Resale of Solid Fuel ($)	(6) Total Asset Optimization Gains ($)
January	[redacted]				24,000
February					2,715,992
March					208,896
April					25,796
May					341,416
June					43,771
July					89,481
August					68,459
September					133,957
October					24,000
November					24,000
December					24,000
Total	**152,439**	**604,403**	**2,539,553**	**427,373**	**3,723,768**

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 37
PARTY: JCH-2
DESCRIPTION: Risk Management Plan January 2023-December 2023

TAMPA ELECTRIC COMPANY
FUEL PROCUREMENT AND WHOLESALE POWER PURCHASES
RISK MANAGEMENT PLAN
2023

Introduction

Tampa Electric serves its retail customers' electricity needs through a portfolio of generation and wholesale purchases. Tampa Electric's generation fuel mix is primarily a blend of natural gas, solar and coal. The company's risk management activities focus on maintaining supplies of fuel to ensure reliable service. Pursuant to Order No. PSC-2021-0423-S-EI, the company does not currently maintain nor execute any financial hedges to mitigate natural gas price volatility.

I. Qualitative and Quantitative Risk Management Objectives

A. Qualitative objectives

Tampa Electric's goals in managing risks associated with fuel or power purchases are focused on minimizing supply risk to ensure reliability of electric service to its customers at a reasonable price. To the extent price risk can be reduced without compromising supply reliability or imposing unnecessary costs on customers, Tampa Electric is committed to executing strategies to accomplish its risk management goals.

B. Quantitative objectives

Tampa Electric's quantitative objective is to prudently manage its fuel and wholesale energy procurement activities to minimize the variance from projected expenditures while taking advantage of cost-saving opportunities that do not result in increased supply risk. Tampa Electric has established a portfolio of fuel and purchased power products with creditworthy counterparties for known volumes and prices.

II. Oversight & Reporting of Fuel Procurement Activities

The company's fuel and wholesale energy procurement processes include strong internal controls and independent oversight.

A. The TECO Energy Board of Directors established an Energy Risk Management Policy ("Risk Policy"). This policy governs all energy commodities transacting activities at each of TECO Energy's operating units. The scope of this policy includes:

- Roles and responsibilities of various persons and functions with respect to risk management
- Authorized transacting activity
- Risk limits
- Valuation and data management
- Credit risk management
- Reporting
- Compliance and enforcement

B. The Risk Policy established the Risk Advisory Committee ("RAC"). The responsibilities of the RAC include the following activities:

- Reviewing the Risk Management Policy periodically and recommending changes and enhancements for approval by the Board of Directors ("Board").
- Reviewing corporate risk limits for recommendation to the Board.
- Establishing the quantitative limits for operating companies within Board approved corporate risk limits. The RAC may, at its discretion, delegate approval of sub-limits to operating company management.
- Approving parameters for counterparty credit limits and the allocation of limits among the operating companies.
- Establishing guidelines for risk management and measurement.
- Overseeing and reviewing the risk management process and infrastructure.
- Reviewing and approving transacting strategies proposed by the operating companies.
- Understanding and approving methodologies used for valuation and risk measurement.
- Reviewing and approving corporate and operating company risk limits.
- Establishing credit underwriting standards, and monitoring credit risk-taking activities and related exposures.
- Reviewing risk reports, including portfolio risk summaries and profitability and performance summaries.
- Enacting, maintaining, and enforcing limit violation and trader misconduct policies.
- Taking appropriate courses of action when the risk position of a transacting group has exceeded or is approaching the established limits.
- Reviewing and approving new risk management products.
- Presenting periodic reports to the Board or its committees.

C. TECO Energy established a corporate risk management function ("middle office"), which is overseen by the Senior Director, Enterprise Risk Management.

D. Tampa Electric established additional oversight or control mechanisms to ensure compliance with policies and procedures. The following practices

provide checks and balances on fuel and purchased power procurement activities.

- Fuel and wholesale energy procurement activities are conducted in accordance with company guidelines, including review by Fuels and Executive management.
- All agreements are formalized in a written contract that is reviewed by legal counsel and commercial sponsors.
- The contracts are reviewed by the Senior Director, Enterprise Risk Management of TECO Energy's Energy Risk Management Department for potential credit risks and incorporation of appropriate credit protection.
- The company maintains approval authority restrictions based on term and value of the transaction.
- Payments of invoices under each contract are settled and approved by an independent department.
- Each transaction is eligible for review by outside, internal and regulatory auditors, and audits are performed regularly.
- Information systems provide transaction authority control, credit monitoring, and, if applicable, mark-to-market and value-at-risk analysis and other key controls.

E. In accordance with the Risk Policy, Tampa Electric established commodity specific transaction limits for commodity transactions.

- The RAC reviews and approves commodity transaction limits on an individual basis.
- The limits include commodity, physical or financial, tenor (time limit), and dollar amount.
- If applicable, only a few individuals are authorized to execute financial hedging transactions.

F. Although the company does not currently engage in financial hedging, Tampa Electric's Fuels Department has applicable policies and procedures. The key elements of its policies and procedures are:

- Financial hedging of fuel commodities is for mitigation of risk to fuel price uncertainty and volatility.
- Hedging will be conducted in a manner consistent with the Risk Management Plan approved by the RAC.
- Execution of hedges under the Risk Management Plan will be consistent with approved transaction limits for authorized transactors.
- Duties will be separated to assure sufficient control over hedging transactions.
- Hedging activity will be monitored regularly and reported at least once a month to ensure consistency with the Risk Management Plan.

G. Reports are generated that summarize the fuel procurement activities of the company. These include monthly financial reports produced by Regulatory

Accounting, FERC Electric Quarterly Reports, FERC Form 1, FERC Form 580, FERC Form 923, FERC Form 552, FPSC Form 423, FPSC A-Schedules and E- Schedules. In addition, position and, if applicable, mark-to-market reports are produced and reviewed by the Senior Director, Enterprise Risk Management. The appropriate entries and related disclosures are made in the company's books and records as required by accounting standards.

III. Risk Assessment

In its Risk Policy, TECO Energy has identified the following types of risks for its commodity portfolio.

A. Market Risk

Market risk is the potential change in value of a commodity contract caused by adverse changes in market factors (price and volatility). The following are types of market risk.

1. **Price Risk:** Price risk refers to the uncertainty associated with changes in the price of an underlying asset. For instance, if a company has a short position in the market (*e.g*., needs to meet load requirements by purchasing electricity or natural gas), it will be susceptible to price increases. Conversely, if a company is in a long position (*e.g.,* excess generation or natural gas supply), it is exposed to decreases in market prices. Currently, Tampa Electric manages its price risk using physical hedges.

   The price and volatility of natural gas, as well as all other energy commodities, has increased significantly in 2022 and is expected to remain elevated into 2023. The increase is due to strong demand, static production, low storage levels and geopolitical concerns with the Ukraine invasion. Tampa Electric evaluated its exposure to changes in the price for natural gas during 2023 based on the forward price forecasts from various consultants and agencies including the Energy Information Administration ("EIA") and S&P Scenario Planning Service and the company's expected usage under both low and high price natural gas cases. Natural gas expenditures decrease in the low case by an estimated $57.5 million, and total fuel and purchased power costs decrease by $61.8 million due to lower prices. In the high case, natural gas expenditures increase by an estimated $227.2 million, and the total fuel and purchased power costs increase by $ 268.7 million.

   In 2023, Tampa Electric is subject to limited price risk related to variation in coal prices. That price risk is mitigated in part because

the company is in the process of contracting for much of its expected coal needs at known prices. In addition, the company's coal requirements are minimal at under 5% of forecasted generation. Expected market conditions do not currently require further price risk mitigation, for the reasons described in Section IV of this plan.

Tampa Electric requires small quantities of fuel oil and maintains a contract that eliminates its supply risk. Due to the small quantities of fuel oil needed for generation, the cost impact caused by price risk is minimal and is therefore not quantified.

2. **Time Spread Risk:** This is the risk that the relationship between two points (*i.e.,* one month versus six months) on the forward curve changes. Because the shape of the fuel or electricity forward curve changes to reflect the market's expectations of spot and future fuel or electricity prices, the relationship between any two points on the curve is not always constant. Because of the nature of its business Tampa Electric has little reason or opportunity to offset energy commodity requirements in one month with resources delivered in another month. Therefore, time spread risk is not a significant issue for Tampa Electric.

3. **Liquidity Risk:** Liquidity risk is associated with the lack of marketability of a commodity. It includes the risk of an adverse cost or return variation stemming from the lack of marketability of a financial instrument. Liquidity risk may arise because a given position is very large relative to typical trading volumes of like commodity and contract tenor, or because market conditions are unsettled. Liquidity risk is usually reflected in a wide bid-ask spread and large price movements in response to any attempt to buy or sell. A firm facing the need to quickly unwind a portfolio of illiquid instruments may find it necessary to sell at prices far below fair value. Tampa Electric is not exposed to liquidity risk for natural gas financial instruments since the company does not use financial hedges. Tampa Electric does have some liquidity risk for wholesale power transactions since the Florida market has a limited number of participants.

4. **Basis Risk:** Basis risk is the risk exposure due to a difference in commodity value between different delivery points. Electricity markets are regional. Prices can be different at different locations because of differences in both supply costs and the cost of transmission between the two locations. These price differences are dynamic, primarily due to changes in transmission availability between the two locations. Power basis risk is not a significant issue for the company as most of our purchased power is sourced from the Florida market. Due to the low consumption of coal, Tampa Electric's negligible use of oil, and the sourcing of natural gas supply with index contract pricing at or

close to the Henry Hub, basis risk is not a significant issue for the company. However, Tampa Electric may experience short term gas basis risk in the spot market due to operational constraints and extreme weather.

Fundamentally, market risk is created by the existence of "open" positions. An open position is the difference between an existing requirement and the ability to meet that requirement with existing resources.

B. Volume Risk

Volume risk is the potential adverse economic impact of unanticipated changes in supply or demand. Tampa Electric faces supply risk, because there is uncertainty associated with the availability of generating units or fuel availability for those units. If a generating unit fails, Tampa Electric must replace the power with another unit's generation or with purchased power at market prices. If fuel supply is curtailed, Tampa Electric utilizes contracted natural gas storage capacity and/or backup fuel to mitigate fuel supply risk. Tampa Electric also faces demand risk since there is uncertainty associated with customer demand, and thus uncertainty in the determination of the fuel or energy purchase volumes necessary to supply such demand. Tampa Electric's volume risk for fuel and purchased power in 2023 will be managed operationally and through contract terms enforcement, including appropriate legal remedies, should a party default.

C. Credit Risk

Credit risk is the risk of financial loss due to a counterparty's failure to fulfill the terms of a contract on a timely basis. It includes both settlement risk associated with payment for fuel or energy received, as well as the potential risk that the counterparty defaults on an obligation to provide or receive fuel or energy. Credit risk depends on the probability of counterparty default, the concentration of credit exposure with a small number of counterparties, the total amount of exposure, and the volatility of markets. Tampa Electric's current credit risk will vary based on the number of its trading counterparties. Tampa Electric's existing credit risk is minimal since it uses a wide variety of counterparties and has systems and processes in place to monitor and control credit risk.

D. Administrative Risk

Administrative risk is risk of loss associated with deficiencies in a company's internal control structure and management reporting due to human error, fraud, or a system's inability to adequately capture, store and report transactions. The company has consistently maintained appropriate

administrative controls for entering and administration of commodity transactions.

IV. Risk Management Strategy and Current Hedging Activity

Tampa Electric's risk management strategy is designed to limit exposure to different types of risk that are applicable to the company's operation.

A. Market Risk

Tampa Electric's potential market risk is the result of open positions in four commodities:

- Natural Gas
- Coal
- Fuel Oil
- Purchased Power

System energy requirements during 2023 are projected to be served in the proportions shown in the following table.

Commodity	Percent of System Energy
Natural Gas	84
Solar	11
Coal	4
Purchased Power	1

Based on Tampa Electric's assessment of market risk factors, the company has implemented the market risk management strategies described below.

1. **Coal:** Tampa Electric is in the process of contracting for much of its expected coal needs for 2023 through bilateral agreements with coal producers. The company will provide the projected amounts in both tons and dollars in its 2023 projection filing to be submitted September 2, 2022. Similar to other energy commodities in 2022, coal prices reached historic highs due to significant domestic and international demand but are expected lower in 2023. There remains considerable uncertainty for coal prices in the near and mid-term as the Ukraine conflict continues to unfold and Europe reduces its dependence on Russian energy. Tampa Electric is in the process of securing a majority of its coal needs for 2023, reducing exposure to price volatility and mitigating coal volume risk. Tampa Electric's contracts with suppliers also incorporate legal remedies in the event of default, which address volume risk.

2. **Fuel Oil:** In 2023, Tampa Electric will continue to purchase its fuel oil needs at indexed market prices. Oil represents less than one percent of the company's needs on a GWH basis, and therefore, associated cost impacts from price risk are minimal. Tampa Electric maintains a contract with a local supplier to deliver all of its needs, which mitigates supply risk.

3. **Natural Gas:** Tampa Electric will prepare its annual natural gas supply Request for Proposal ("RFP") in Quarter 3, 2022 to procure 70 to 90 percent of its gas requirements for 2023. The company will procure the remaining balance of its requirements monthly or daily as requirements become more certain. All products procured in the annual RFP are at indexed market prices.

   Natural gas prices have increased significantly in 2022 and are expected to remain elevated into 2023. Volatility associated with the Ukraine conflict and strong demand, extreme summer weather, low storage inventory levels and static production are the most significant contributors to the natural gas price increase. However, long term gas prices are expected to decrease as production growth from shale gas and associated gas from shale oil production is expected to increase supply.

   Pursuant to Order No. PSC-2021-0423-S-EI, Tampa Electric has discontinued its financial hedging program for natural gas and is not able to resume hedging until the expiration of its moratorium, on December 31, 2024.

4. **Purchased Power:** Total forecasted purchased power for 2023 is 101 GWH. The 2023 forecasted wholesale energy purchases will be purchased from as-available cogenerators or on the short-term, non-firm market for economy purposes.

   The company's purchased power contracts include a fuel component; therefore, Tampa Electric has exposure to fuel price risk for its wholesale energy purchases, particularly for purchased power supplied from natural gas-fired generation. Tampa Electric has never hedged wholesale energy transactions with financial instruments due to the lack of a liquid, published wholesale energy market and appropriate available instruments.

   In summary, Tampa Electric's planned operations in 2023 result in nominal market risk associated with coal and fuel oil. Non-price risks associated with natural gas and purchased power are also minimal.

5. **Volume Risk:** Hedging of volumetric risk is problematic due to a limited number of viable financial hedging instruments. Tampa Electric has identified the following physical hedges.
   - Maintaining appropriate inventory stockpiles provides a physical hedge against volume risk.
   - "Swing" contracts enable the buyer to take variable volumes up to a predefined limit.
   - Full requirement contracts enable the buyer to take any volume up to total usage.

   Tampa Electric uses inventory swing contracts and full requirements contracts where needed commodity volumes are small and in situations where commodity volumes are unpredictable in volume and/or timing. Other alternatives will continue to be identified, assessed, and implemented as necessary.

6. **Credit Risk:** TECO Energy's credit risk management process is composed of the following primary steps.
   - Gather counterparty information for initial evaluation.
   - Assess counterparty creditworthiness and assign credit limit.
   - Determine credit collateral requirements, as needed.
   - Request, review and monitor contractual requirements, legal covenants, collateral documents and credit provisions.
   - Quantify counterparty exposure and measure against approved limits.
   - Monitor counterparty and credit support provider qualities.
   - Prepare credit exposure reports on a daily basis that are reviewed prior to entering into transactions.

7. **Administrative Risk:** Tampa Electric maintains energy trading risk management systems and processes to efficiently track, monitor and evaluate contracts and trading activities. Tampa Electric's administrative processes and system controls have passed repeated internal and external (Sarbanes-Oxley) audits.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 38
PARTY: Staff Exhibit 38
DESCRIPTION: DEF's Responses to Staff's First Set of Interrogatories, Nos. 1-4. (Attachments for Nos. 1 and 2) ...

38

DEF's Responses to Staff's First Set of Interrogatories, Nos. 1-4.

(Including Attachments for Nos. 1 and 2)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost recovery clause with generating performance incentive factor	Docket No. 20220001-EI Dated: March 10, 2022

DUKE ENERGY FLORIDA, LLC'S RESPONSE TO STAFF'S FIRST SET OF INTERROGATORIES (NOS. 1-4)

Duke Energy Florida, LLC ("DEF") responds to the Staff of the Florida Public Service Commission's ("Staff") First Set of Interrogatories to DEF (Nos. 1-4) as follows:

INTERROGATORIES

1. Please identify the monthly and total system and retail replacement power cost associated with the January 2021 – April 2021 Bartow Unit 4 outage. As part of your response, explain the methodology used to determine the values.

Response:

The system and retail replacement power costs for the Bartow Unit 4 outage is shown by month (January 2021 – April 2021) in the attached spreadsheet. The total replacement power cost for this outage, during the period of January 2021 – April 2021, is approximately $2.9 million (system and retail).

Replacement power costs associated with planned outages, if applicable, are not included in the calculations as DEF does not calculate replacement power costs for planned outages. To calculate the replacement power cost assuming Bartow CC had not experienced the outage, DEF ran a production cost simulation model beginning with each calendar month (January, February, March, April); this process is consistent with DEF's prior replacement power calculations. DEF ran this simulation model, applying the actual load conditions and replacement fuel costs, which produced the total system cost assuming Bartow CC was fully available. DEF then compared the resulting "with Bartow CC" system cost to the system cost calculated based on actual unit loadings (i.e., without Bartow CC). The difference between the "with Bartow CC" cost and the "without Bartow CC" cost represents the system replacement power costs during the Bartow CC Outage.

2. Please identify the monthly and total system and retail replacement power cost associated with the May 2021 – July 2021 Bartow Unit 4 outage. As part of your response, explain the methodology used to determine the values.

Response:

The system and retail replacement power costs for the Bartow Unit 4 outage is shown by month (May 2021 – July 2021) in the attached spreadsheet. The total replacement power cost for this outage, during the period of May 2021 – July 2021, is approximately $5.6 million (system and retail).

Replacement power costs associated with planned outages, if applicable, are not included in the calculations as DEF does not calculate replacement power costs for planned outages.

To calculate the replacement power cost assuming Bartow CC had not experienced the outage, DEF ran a production cost simulation model beginning with each calendar month (May, June, July); this process is consistent with DEF's prior replacement power calculations. DEF ran this simulation model, applying the actual load conditions and replacement fuel costs, which produced the total system cost assuming Bartow CC was fully available. DEF then compared the resulting "with Bartow CC" system cost to the system cost calculated based on actual unit loadings (i.e., without Bartow CC). The difference between the "with Bartow CC" cost and the "without Bartow CC" cost represents the system replacement power costs during the Bartow CC Outage.

3. For the January 2021 – April 2021 Bartow Unit 4 outage, please answer the following questions.

   a. Identify all subunits of Bartow Unit 4 that were forced offline and provide the total outage time for each subunit forced offline during this time period. As a part of this response, please provide a complete timeline of the events for each subunit.

   b. Please provide an explanation for why each subunit was forced offline during this time period. As a part of this response, please provide any related root cause analysis or event reports.

Response:

a. CC CT4A experienced a Generator winding failure 1/11/2021 at 06:09 and returned to service 4/4/2021 for an event duration of 1997.98 Equivalent fired hours ("EQ") hours.

During startup unit experiences combustion issues attributed to fuel gas quality and required combustion hardware maintenance. The unit returned to service 4/12/2021 at 2038.

CC 4B did not experience any forced outages during this time period.

CC 4C 1/1/2021 thru 1/6/2021 for an event duration of 139.63 EQ hours experienced fuel quality issues causing combustion exhaust CO exceedances that required shutdown. Unit returned to service 1/6/2021 at 1938. CC 4C tripped off-line on 1/11/2021 at 0225 for 42 EQ minutes caused by HP steam attemperator block valve controller failure. Unit returned to service 1/11/2021 at 0250.

CC 4D unit experienced fuel gas quality issues causing combustion exhaust CO exceedances that required unit to be removed from service on 1/1/2021 and returned to service 1/7/2021 at 1714 for a duration of 161.23 EQ hours. Unit experienced a trip on 1/16/2021 at 1059 due to main gas valve miss-operation for a period of 37 EQ minutes. Unit returned to service 1/16/2021 at 1136.

CC ST4S Steam turbine experienced a trip 1/5/2021 at 2237 due to piping failure in the steam seal system. Unit returned to service 1/10/2021 at 1605 for a duration of 113.47 EQ hours.

b. No root cause has been completed on the fuel contamination outages. The root cause for the 4A generator failure was provided in DEF's Response to OPC's Second Request to Produce, number 2, in docket number 20210001, as the two events had a common failure mechanism.

4. For the May 2021 – July 2021 Bartow Unit 4 outage, please answer the following questions.

a. Identify all subunits of Bartow Unit 4 that were forced offline and provide the total outage time for each subunit forced offline during this time period. As a part of this response, please provide a complete timeline of the events for each subunit.

b. Please provide an explanation for why each subunit was forced offline during this time period. As a part of this response, please provide any related root cause analysis or event reports.

Response:

a. Bartow CC experienced 7 events during the requested timeframe. They are defined below.

CC CT4B Experienced 5 events during this time period. The outages are as follows:

- Bartow CC 4B offline 5/1/2021 at 17:32, online 5/2/2021 at 02:55, duration 5.38 hours, EQ Hours 0.22; Shutdown due to bad gas quality causing blade path spread and high emissions
- Bartow CC 4B offline 5/1/2021 at 23:08, online 5/4/2021 at 12:37, duration 61.48 hours, EQ Hours 02.56; Shutdown due to bad gas quality causing blade path spread and high emissions
- Bartow CC 4B offline 5/4/2021 at 14:15, online 5/5/2021 at 00:16, 10.02hour duration, EQ Hours 0.42; Shutdown due to bad gas quality causing blade path spread and high emissions
- Bartow CC 4B offline 5/5/2021 at 01:22, online 5/9/2021 at 18:47, 113.42 hours duration, EQ Hours 4.73; Shutdown due to bad gas quality causing blade path spread and high emissions
- Bartow CC 4B offline 5/9/2021 at 21:46 online, 5/10/2021 at 13:01, duration 15.25 hours, EQ Hours 0.64; Shutdown due to bad gas quality causing blade path spread and high emissions

CC CT4C

- Bartow CC 4C offline 5/2/2021 at 2:55, online 11/6/2021 at 16:07, duration 4,525.20 hours, EQ Hours 188.55; 4C Generator stator ground tripped offline

CC CT 4D

- Bartow CC 4D offline 5/29/2021 at 0:00, online 5/29/2021 at 2:00, duration 2.00 hours, EQ Hours 0.08; Pilot isolation valve found leaking solenoid valve & body was replaced

b. 4C Generator stator went to ground and tripped offline. Root cause was already provided, above as there was a common failure mechanism on the generator failures, *see* DEF's Response to Staff's Interrogatory 3b. Contaminated fuel did not produce a root cause document.

AFFIDAVIT

STATE OF FLORIDA

COUNTY OF PINELLAS

I hereby certify that on this 22 day of February, 2022, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared ANTHONY SALVAREZZA, who is personally known to me, and he/she acknowledged before me that he/she provided the answers to interrogatory numbers 3 and 4 from STAFF'S FIRST SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC DBA DUKE ENERGY (NOS. 1-4) in Docket No(s). 20220001-EI, and that the responses are true and correct based on his/her personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 22 day of February 2022.

Anthony Salvarezza

DEANNA LEE CARVER
Commission # GG 239923
Expires July 18, 2022
Bonded Thru Troy Fain Insurance 800-385-7019

Notary Public
State of Florida, at Large

My Commission Expires: July 18, 2022

AFFIDAVIT

STATE OF FLORIDA

COUNTY OF PINELLAS

I hereby certify that on this 22nd day of February, 2022, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared GARY DEAN, who is personally known to me, and he/she acknowledged before me that he/she provided the answers to interrogatory numbers 1 and 2 from STAFF'S FIRST SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC DBA DUKE ENERGY (NOS. 1-4) in Docket No(s). 20220001-EI, and that the responses are true and correct based on his/her personal knowledge.

THE FOREGOING INSTRUMENT was sworn to and subscribed before me by means of ☐ physical presence or **X** online (video) notarization by GARY DEAN, who is personally known to me.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 22 day of February, 2022.

Gary Dean

Notary Public
State of Florida, at Large

My Commission Expires:

SANDRA COPE
Notary Public – State of Florida
Commission # GG 170695
My Comm. Expires Mar 8, 2022
Bonded through National Notary Assn

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 39
PARTY: Staff Exhibit 39
DESCRIPTION: DEF's Responses to Staff's Second Set of Interrogatories, Nos. 5-7. (Bates No. 00008-00012)

39

DEF's Responses to Staff's Second Set of Interrogatories, Nos. 5-7.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost recovery clause with generating performance incentive factor	Docket No. 20220001-EI Dated: April 18, 2022

DUKE ENERGY FLORIDA, LLC'S RESPONSE TO STAFF'S SECOND SET OF INTERROGATORIES (NOS. 5-7)

Duke Energy Florida, LLC ("DEF") responds to the Staff of the Florida Public Service Commission's ("Staff") Second Set of Interrogatories to DEF (Nos. 5-7) as follows:

INTERROGATORIES

5. Please refer to Duke Energy Florida's (DEF or Company) Response to Staff's First Set of Interrogatories, Nos. 3 and 4 for the following questions. The focus of the following questions relate to the "fuel gas quality" and "bad gas quality" portions of the above-cited responses.

   a. Please define the term "fuel gas quality" as used in the Response to Staff's First Set of Interrogatories, No. 3.

   b. Please define the term "bad gas quality" as used in the Response to Staff's First Set of Interrogatories, No. 4.

   c. How are the conditions quoted in question subparts a. and b. above determined? What metric(s) is/are used in determining overall gas quality?

Response:

The terms "fuel gas quality" and "bad gas quality" as used in the previous responses referred to natural gas delivered to DEF's delivery point that DEF believes fails to meet the natural gas quality standards as defined by the supplier's FERC Gas Tariff, Part 6 – General Terms and Conditions, Section 3. Quality.

Standards of gas quality are identified in the Tariff; for example, heat content, sulfur content, water content, hydrocarbon dew point to name a few. In addition, natural gas quality must be free from objectionable matter (dust, solid or liquid matter that interferes with merchantability) as well as a delivered temperature not in excess of 120 degrees or less than 40 degrees.

6. What are DEF's typical procedures for addressing matters relating to the quality of natural gas purchased by the Company?

Response:
If a quality parameter were to be recognized out of tariff specifications, station personnel would engage DE Fuels organization as Liaison to Gas Supplier to resolve the quality issue(s). Prior to the gas issues discussed in response to Interrogatories 1.3 and 1.4, current station staff had no history of gas quality issues that led to similar forced outages.

7. Is DEF, or does it plan on, seeking compensation from any natural gas supplier(s) or natural gas delivery/pipeline company related to the gas qualities referenced in the responses to Staff's First Set of Interrogatories, Nos. 3 and 4?

Response:
DEF is continuing to analyze all available options. In addition to considering compensation-related options, DEF has also worked with the supplier in an effort to mitigate/avoid recurrences in the future and reviewed operations at other facilities to mitigate occurrences at those facilities.

a. If the response is in the affirmative, please discuss the current status of this effort and the amount of compensation being sought.

b. If the response is in the negative, please discuss why the Company is not undertaking such efforts.

Response:
a. Please see DEF's response to Interrogatory number 2.7.
b. Please see DEF's response to Interrogatory number 2.7.

AFFIDAVIT

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

I hereby certify that on this 8th day of July, 2022, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared JIM MCCLAY, who is personally known to me, and he acknowledged before me that he provided the answers to interrogatory numbers 5 from STAFF'S SECOND SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC DBA DUKE ENERGY (NOS. 5-7) in Docket No(s). 20220001-EI, and that the responses are true and correct based on his personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 8 day of July, 2022.

Jim McClay

Notary Public

State of North Carolina

My Commission Expires:
10/17/2026

CHERYL A. LETHEM
NOTARY
PUBLIC
CATAWBA COUNTY, NC

AFFIDAVIT

STATE OF FLORIDA

COUNTY OF PINELLAS

I hereby certify that on this 16th day of June, 2022, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared ANTHONY SALVAREZZA, who is personally known to me, and he acknowledged before me that he provided the answers to interrogatory number 6 and 7, from STAFF'S SECOND SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC DBA DUKE ENERGY (NOS. 5-7) in Docket No(s). 20220001-EI, and that the responses are true and correct based on his personal knowledge.

THE FOREGOING INSTRUMENT was sworn to and subscribed before me by means of ☐ physical presence or **X** online (video) notarization by ANTHONY SALVAREZZA, who is personally known to me.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 16th day of June, 2022.

Anthony Salvarezza

MONIQUE WEST
MY COMMISSION # GG 343812
EXPIRES: June 28, 2023
Bonded Thru Notary Public Underwriters

Notary Public
State of Florida, at Large

My Commission Expires:

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 40
PARTY: Staff Exhibit 40
DESCRIPTION: DEF's Responses to Staff's Fourth Set of Interrogatories, Nos. 10-12. (Bates No. 00013-00019)

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DEF's Responses to Staff's Fourth Set of Interrogatories, Nos. 10-12.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost recovery clause with generating performance incentive factor	Docket No. 20220001-EI Dated: May 13, 2022

DUKE ENERGY FLORIDA, LLC'S RESPONSE TO STAFF'S FOURTH SET OF INTERROGATORIES (NOS. 10-12)

Duke Energy Florida, LLC ("DEF") responds to the Staff of the Florida Public Service Commission's ("Staff") Fourth Set of Interrogatories to DEF (Nos. 10-12) as follows:

INTERROGATORIES

The following questions are with respect to the Direct Testimony of Duke Energy Florida (DEF or Company) witness Gary P. Dean, filed with *DEF's Petition for Approval of Fuel Cost Recovery and Capacity Cost Recovery Actual True-Ups for the Period of January 2021 through December 2021* (Petition).[1]

10. Please refer to witness Dean's testimony, page 6, lines 4-17 for the following questions.

    a. In which month or months were the replacement power costs incurred with respect to the outages of Plant Crystal River Unit No. 4 (CR4) as contemplated by Order No. PSC-2021-0466-FOF-EI?[2]

    b. In what month did DEF record the refund to its customers associated with CR4's replacement power cost as contemplated by Order No. PSC-2021-0466-FOF-EI?

[1]Document No. 02229-2022, filed April 1, 2022.
[2]Order No. PSC-2021-0466-FOF-EI, Issued December 21, 2021, in Docket No. 20210001-EI, *In re: Fuel and purchased power cost recovery clause with generating performance incentive factor*.

c. Does the CR4-related replacement power cost refund of $7,207,280 (retail) include interest?

d. If the approximate dates identified in responses a. and b. are different, please explain why the Company did not record the refund in the same timeframe of when replacement power costs were incurred.

Response:

a. The replacement power costs were incurred during the January 2021 – April 2021 period.

b. DEF recorded the refund in November 2021.

c. As per Order No. PSC-2021-0466-FOF-EI in Docket No. 20210001-EI, the Commission Ordered that the replacement power costs for the Crystal River Unit No. 4 outage shall be credited to DEF's retail ratepayers in the amount of $7.2 million through its 2021 True-Up filing. Consistent with the Order the refund does not include interest. As the refund is flowed through rates, the remaining balance accrues interest until fully refunded.

d. DEF believed that its actions leading up to the CR4 outage were prudent and reasonable and requested recovery of the replacement power costs associated with the CR4 outage, and therefore booked the refund based on the Commission's order.

11. Are there any costs/credits associated with DEF's Clean Energy Connection contained in the Petition?[3] If so, please identify the total amount of bill credits for 2021.

Response:

There are no CEC bill credits for 2021. Please see the response to Staff Interrogatory 3-9 filed in Docket No. 20220001-EI.

[3]Order No. PSC-2021-0059-S-EI, Issued January 26, 2021, in Docket No. 20200176-EI, *In re: Petition for a limited proceeding to approve clean energy connection program and tariff and stipulation, by Duke Energy Florida, LLC*.

12. Please provide a workpaper showing the complete derivation of the adjustment related to the Florida Power Development, LLC in the amount of $13.13 million (retail).[4]

Response:
Please see the attached document bearing bates numbers 20220007-DEF-002424 and 20220007-DEF-002425. The Excel version is also being provided.

[4]Order No. PSC-2018-0240-PAA-EQ, Issued May 8, 2018, in Docket No. 20170274-EQ, *In re: Petition for approval to terminate qualifying facility power purchase agreement with Florida Power Development, LLC, by Duke Energy Florida, LLC*.

Florida Power Development - Amortization Schedule
Jul 2018 - Dec 2021

WACC	
Jul 18 - Dec 18	0.68308513%
Jan 19 - Jun 19	0.64823248%
Jul 19 - Jun 20	0.63937238%
Jul 20 - Dec-20	0.63846026%
Jan 21 - Feb 21	0.66200000%
Mar 21 - Dec 21	0.65000000%
Update Feb-2022	0.64800000%

	Beginning Balance (System)	Jurisdictional Factor	Beginning Balance (Retail)	Monthly Amortization	Return	Return TU	Recovered in Fuel	Ending Balance	Current	Long-Term	Current Months	Long-Term Months
Jul-18	$ 105,000,000	99.31%	$ 104,275,500	$ 545,945	$ 710,426		$ 1,256,371	$ 103,729,555	$ 6,551,340	$ 97,178,215	12	178
Aug-18			$ 103,729,555	$ 545,945	$ 706,697		$ 1,252,642	$ 103,183,610	$ 6,551,340	$ 96,632,270	12	177
Sep-18			$ 103,183,610	$ 545,945	$ 702,967		$ 1,248,912	$ 102,637,665	$ 6,551,340	$ 96,086,325	12	176
Oct-18			$ 102,637,665	$ 545,945	$ 699,238		$ 1,245,183	$ 102,091,720	$ 6,551,340	$ 95,540,380	12	175
Nov-18			$ 102,091,720	$ 545,945	$ 695,509		$ 1,241,454	$ 101,545,775	$ 6,551,340	$ 94,994,435	12	174
Dec-18			$ 101,545,775	$ 545,945	$ 691,779		$ 1,237,724	$ 100,999,830	$ 6,551,340	$ 94,448,490	12	173
Jan-19			$ 100,999,830	$ 545,945	$ 652,944		$ 1,198,889	$ 100,453,885	$ 6,551,340	$ 93,902,545	12	172
Feb-19			$ 100,453,885	$ 545,945	$ 649,405		$ 1,195,350	$ 99,907,940	$ 6,551,340	$ 93,356,600	12	171
Mar-19			$ 99,907,940	$ 545,945	$ 645,866		$ 1,191,811	$ 99,361,995	$ 6,551,340	$ 92,810,655	12	170
Apr-19			$ 99,361,995	$ 545,945	$ 642,327		$ 1,188,272	$ 98,816,050	$ 6,551,340	$ 92,264,710	12	169
May-19			$ 98,816,050	$ 545,945	$ 638,788		$ 1,184,733	$ 98,270,105	$ 6,551,340	$ 91,718,765	12	168
Jun-19			$ 98,270,105	$ 545,945	$ 635,249		$ 1,181,194	$ 97,724,160	$ 6,551,340	$ 91,172,820	12	167
Jul-19			$ 97,724,160	$ 545,945	$ 623,076		$ 1,169,021	$ 97,178,215	$ 6,551,340	$ 90,626,875	12	166
Aug-19			$ 97,178,215	$ 545,945	$ 619,585		$ 1,165,530	$ 96,632,270	$ 6,551,340	$ 90,080,930	12	165
Sep-19			$ 96,632,270	$ 545,945	$ 616,095		$ 1,162,040	$ 96,086,325	$ 6,551,340	$ 89,534,985	12	164
Oct-19			$ 96,086,325	$ 545,945	$ 612,604		$ 1,158,549	$ 95,540,380	$ 6,551,340	$ 88,989,040	12	163
Nov-19			$ 95,540,380	$ 545,945	$ 609,113		$ 1,155,059	$ 94,994,435	$ 6,551,340	$ 88,443,095	12	162
Dec-19			$ 94,994,435	$ 545,945	$ 605,623		$ 1,151,568	$ 94,448,490	$ 6,551,340	$ 87,897,150	12	161
Jan-20			$ 94,448,490	$ 545,945	$ 602,132		$ 1,148,077	$ 93,902,545	$ 6,551,340	$ 87,351,205	12	160
Feb-20			$ 93,902,545	$ 545,945	$ 598,642		$ 1,144,587	$ 93,356,599	$ 6,551,340	$ 86,805,259	12	159
Mar-20			$ 93,356,599	$ 545,945	$ 595,151		$ 1,141,096	$ 92,810,654	$ 6,551,340	$ 86,259,314	12	158
Apr-20			$ 92,810,654	$ 545,945	$ 591,660		$ 1,137,605	$ 92,264,709	$ 6,551,340	$ 85,713,369	12	157
May-20			$ 92,264,709	$ 545,945	$ 588,170		$ 1,134,115	$ 91,718,764	$ 6,551,340	$ 85,167,424	12	156
Jun-20			$ 91,718,764	$ 545,945	$ 584,679		$ 1,130,624	$ 91,172,819	$ 6,551,340	$ 84,621,479	12	155
Jul-20			$ 91,172,819	$ 545,945	$ 580,359		$ 1,126,304	$ 90,626,874	$ 6,551,340	$ 84,075,534	12	154
Aug-20			$ 90,626,874	$ 545,945	$ 576,874		$ 1,122,819	$ 90,080,929	$ 6,551,340	$ 83,529,589	12	153
Sep-20			$ 90,080,929	$ 545,945	$ 573,388		$ 1,119,333	$ 89,534,984	$ 6,551,340	$ 82,983,644	12	152
Oct-20			$ 89,534,984	$ 545,945	$ 569,902		$ 1,115,848	$ 88,989,039	$ 6,551,340	$ 82,437,699	12	151
Nov-20			$ 88,989,039	$ 545,945	$ 566,417		$ 1,112,362	$ 88,443,094	$ 6,551,340	$ 81,891,754	12	150
Dec-20			$ 88,443,094	$ 545,945	$ 562,931		$ 1,108,876	$ 87,897,149	$ 6,551,340	$ 81,345,809	12	149
Jan-21			$ 87,897,149	$ 545,945	$ 580,072		$ 1,126,017	$ 87,351,204	$ 6,551,340	$ 80,799,864	12	148
Feb-21			$ 87,351,204	$ 545,945	$ 576,458		$ 1,122,403	$ 86,805,259	$ 6,551,340	$ 80,253,919	12	147
Mar-21			$ 86,805,259	$ 545,945	$ 562,460	$ (20,964)	$ 1,087,441	$ 86,259,314	$ 6,551,340	$ 79,707,974	12	146
Apr-21			$ 86,259,314	$ 545,945	$ 558,911		$ 1,104,856	$ 85,713,369	$ 6,551,340	$ 79,162,029	12	145
May-21			$ 85,713,369	$ 545,945	$ 555,363		$ 1,101,308	$ 85,167,424	$ 6,551,340	$ 78,616,084	12	144
Jun-21			$ 85,167,424	$ 545,945	$ 551,814		$ 1,097,759	$ 84,621,479	$ 6,551,340	$ 78,070,139	12	143
Jul-21			$ 84,621,479	$ 545,945	$ 548,265		$ 1,094,210	$ 84,075,534	$ 6,551,340	$ 77,524,194	12	142
Aug-21			$ 84,075,534	$ 545,945	$ 544,717		$ 1,090,662	$ 83,529,589	$ 6,551,340	$ 76,978,249	12	141
Sep-21			$ 83,529,589	$ 545,945	$ 541,168		$ 1,087,113	$ 82,983,644	$ 6,551,340	$ 76,432,304	12	140
Oct-21			$ 82,983,644	$ 545,945	$ 537,619		$ 1,083,564	$ 82,437,699	$ 6,551,340	$ 75,886,359	12	139
Nov-21			$ 82,437,699	$ 545,945	$ 534,071		$ 1,080,016	$ 81,891,754	$ 6,551,340	$ 75,340,414	12	138
Dec-21			$ 81,891,754	$ 545,945	$ 530,522	$ (20,309)	$ 1,056,158	$ 81,345,809	$ 6,551,340	$ 74,794,469	12	137

Page 2 of 2

	System Amount	Jurisdictional Splt	Retail Amt Recovered in FAC	Retail Difference vs Page 1 Retail
Jan-21	1,126,017	100.00%	1,126,017	0
Feb-21	1,128,497	99.46%	1,122,403	0
Mar-21	1,088,094	99.94%	1,087,441	0
Apr-21	1,105,298	99.96%	1,104,856	0
May-21	1,101,969	99.94%	1,101,308	0
Jun-21	1,103,497	99.48%	1,097,759	0
Jul-21	1,108,397	98.72%	1,094,210	0
Aug-21	1,118,513	97.51%	1,090,662	0
Sep-21	1,097,872	99.02%	1,087,113	0
Oct-21	1,083,781	99.98%	1,083,564	0
Nov-21	1,081,097	99.90%	1,080,016	0
Dec-21	1,056,369	99.98%	1,056,158	0
TOTAL	$ 13,199,402		$ 13,131,507	$ 0

AFFIDAVIT

STATE OF FLORIDA

COUNTY OF PINELLAS

I hereby certify that on this 6th day of May, 2022, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared **GARY DEAN**, who is personally known to me, and he acknowledged before me that he provided the answers to interrogatory numbers 10, 11, and 12 from STAFF'S FOURTH SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC DBA DUKE ENERGY (NOS. 10-12) in Docket No(s). 20220001-EI, and that the responses are true and correct based on his personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 6th day of May, 2022.

MONIQUE WEST
MY COMMISSION # GG 343812
EXPIRES: June 28, 2023
Bonded Thru Notary Public Underwriters

Gary Dean

Notary Public
State of Florida, at Large

My Commission Expires:

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 41
PARTY: Staff Exhibit 41
DESCRIPTION: DEF's Responses to Staff's Fifth Set of Interrogatories, Nos. 13-16. (Bates No. 00020-00024)

41

DEF's Responses to Staff's Fifth Set of Interrogatories, Nos. 13-16.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost recovery clause with generating performance incentive factor	Docket No. 20220001-EI Dated: August 31, 2022

DUKE ENERGY FLORIDA, LLC'S RESPONSE TO STAFF'S FIFTH SET OF INTERROGATORIES (NOS. 13-16)

Duke Energy Florida, LLC ("DEF") responds to the Staff of the Florida Public Service Commission's ("Staff") Fifth Set of Interrogatories to DEF (Nos. 13-16) as follows:

INTERROGATORIES

13. Please refer to Duke Energy Florida's (DEF or Company) responses to Staff's Second Set of Interrogatories, No. 7, for the following question. In this response, the Company states: "DEF is continuing to analyze all available options" when discussing potential actions related to the quality of gas it purchased. Has DEF reached any conclusions on this matter? Please discuss any response.

Response:
DEF has worked with the gas supplier on remedial steps to mitigate the likelihood and potential impact of similar occurrences in the future. The Company is satisfied with the outcome and anticipates no future action at this time.

14. Please refer to DEF's responses to the Office of Public Counsel's Fifth Set of Interrogatories, No. 76, for the following question. In this response, the Company indicates it will include the replacement power costs for the March 2022 outage of Hines Power Block, Unit No. 4 in its 2022 actual/estimated filing. Are the costs associated with the full

forced outage of the Hines Power Block Unit No. 4 in March of 2022 (approximately $1.1 million) in fact included in DEF's 2022 actual/estimated filing?

Response:
Yes, these costs are included DEF's 2022 Actual/Estimate filing.

15. Please refer to DEF's *Petition for Approval of Fuel Cost Recovery and Capacity Cost Recovery Actual/Estimated True-Up for the Period January 2022 Through December 2022* (Petition), Schedule E1-B, page 2, for the following request.[1] Please detail what costs and corresponding amounts are reflected in the category "Adjustments to Fuel Cost" appearing on line 5.

Response:
The total $13.2 million on Exhibit GPD-2, Part 1, Schedule E1-B, page 2 of 2, line 5 consists of various adjustments to 2022 actual/estimated fuel costs including:
• $12.5 million amortization of the Florida Power Development (FPD), LCC qualifying facility regulatory asset per Order No. PSC-2018-0240-PAA-EQ.
• $0.7 million in annual net metering settlement costs to participating customers.
• $2,500 allocation of University of Florida steam revenues.

16. Please refer to the Petition, Schedule E1-B-1, line 24, for the following request. Please explain why the 2022 "CEC [Clean Energy Connection] Bill Credit" is currently projected to be approximately 45 percent below the prior estimate.

Response:
This variance is primarily due to both solar generation sites coming online later than originally forecasted due to such matters as permitting, labor and weather issues. In DEF's December Midcourse filing, Bay Trail and Ft. Green were forecasted to come on-line in April and May of 2022 respectively. Both projects came on-line in June 2022.

[1]Document No. 05043-2022.

AFFIDAVIT

STATE OF FLORIDA

COUNTY OF PINELLAS

I hereby certify that on this 30th day of August, 2022, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared ANTHONY SALVAREZZA, who is personally known to me, and he acknowledged before me that he provided the answers to interrogatory numbers 13, from STAFF'S FIFTH SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC DBA DUKE ENERGY (NOS. 13-16) in Docket No. 20220001-EI, and that the responses are true and correct based on his personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 30th day of August, 2022.

Anthony Salvarezza

CUBITT GOODLIFFE
Notary Public-State of Florida
Commission # HH 231243
My Commission Expires
May 21, 2026

Goodliffe

Notary Public
State of Florida, at Large

My Commission Expires:
05/21/2026

AFFIDAVIT

STATE OF FLORIDA

COUNTY OF PINELLAS

I hereby certify that on this 26th day of August, 2022, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared GARY P. DEAN, who is personally known to me, and he acknowledged before me that he provided the answers to interrogatory numbers 14, 15 and 16, from STAFF'S FIFTH SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC DBA DUKE ENERGY (NOS. 13-16) in Docket No. 20220001-EI, and that the responses are true and correct based on his personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 26th day of August, 2022.

Gary Dean

MONIQUE WEST
MY COMMISSION # GG 343812
EXPIRES: June 28, 2023
Bonded Thru Notary Public Underwriters

Notary Public
State of Florida, at Large

My Commission Expires:

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 42
PARTY: Staff Exhibit 42
DESCRIPTION: DEF's Responses to Staff's Sixth Set of Interrogatories, Nos. 17-19. (Bates No. 00025-00032)

42

DEF's Responses to Staff's Sixth Set of Interrogatories, Nos. 17-19.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost recovery clause with generating performance incentive factor	Docket No. 20220001-EI Dated: October 10, 2022

DUKE ENERGY FLORIDA, LLC'S RESPONSE TO STAFF'S SIXTH SET OF INTERROGATORIES (NOS. 17-19)

Duke Energy Florida, LLC ("DEF") responds to the Staff of the Florida Public Service Commission's ("Staff") Sixth Set of Interrogatories to DEF (Nos. 17-19) as follows:

INTERROGATORIES

17. Please refer to the Direct Testimony of Gary P. Dean (witness Dean), page 13, lines 12-18, that was filed with Duke Energy Florida's (DEF or Company) *Petition for Approval of Fuel and Purchase Power Cost Recovery Factors for the Period of January 2023 through December 2023* (Petition) for the following requests.[1]

    a. Please further elaborate on the effect the spent fuel claim has on the Company's proposed capacity cost recovery rates for 2023.

    b. Please discuss how the spent fuel claim in the amount of $173 million was formulated.

    c. Please refer to Exhibit GPD-3, part 3, page 1 of 2, (Schedule E-12A), footnote no. 2. Has DEF received an award with respects to spent nuclear fuel management costs

[1]Document No. 05978-2022.

from the U.S. Department of Energy in the amount of $154 million as referenced in this footnote?

d. Please discuss any accounting treatment of the $173 million identified in this footnote to date.

Response:

a. The proposed average retail 2023 CCR rate of 1.162 cents/kWh is a 0.126 cents/kWh increase over the current 2022 factor of 1.036 cents/kWh. The DOE spent fuel claim represents 0.049 cents/kWh of the 0.126 cents/kWh, or approximately 49 cents based on 1,000 kWh.

b. Please refer to DEF's response to Staff's First Data Request, Number 1, in Docket No. 20210016 filed on March 19, 2021, at this link:

https://www.floridapsc.com/library/filings/2021/02976-2021/02976-2021.pdf

c. DEF has received payment of $180 million, of which $154 million is the retail portion. The calculation of the retail portion is consistent with the calculation in DEF's response to Staff's First Data Request, No. 1.d. in Docket No. 20210016.

See DEF's response to 17(b) above.

d. $154 million has been recorded to a regulatory liability associated with the DOE receipt. In addition, as the $19 million is received through the CCR clause in 2023, this regulatory liability will be credited, resulting in a total credit balance of $173 million before considering any amortization that will take place from 2022-2024.

18. Please refer to witness Dean's testimony, Exhibit GPD-3, part 2, page 1 of 1 (Schedule E-1), and Exhibit GPD-3, part 2, page 1 of 1, Schedule E1-D for the following request. Please explain the difference in the jurisdictional sales amounts of 39,534,801 megawatt hours (mWh), and 39,534,788 mWh, respectively, shown on these two schedules.

Response:
The 13-megawatt hour difference is due to how the megawatt hours are totaled in the two schedules. DEF has since changed this calculation so the megawatt hours will be the same in both schedules going forward. There is no impact to any of the proposed rates associated with the difference in megawatt hours.

19. Please refer to DEF's Responses to Staff's First Set of Interrogatories, Nos. 3 and 4, DEF's Responses to Staff's Second Set of Interrogatories, No. 5 and DEF's Responses to Staff's Fifth Set of Interrogatories, No. 13 for the following requests.

a. Regarding DEF's response to Staff Interrogatory No. 13, please elaborate/explain with specificity the steps DEF has taken with respect preventing gas of insufficient quality being accepted and burned at Plant Bartow.

b. Are there any replacement power costs directly or indirectly attributable to the quality of gas associated with the outages identified in DEF's Responses to Staff's First Set of Interrogatories, Nos. 3 and 4?

c. If the response to (b.) is affirmative, please specify the associated dollar amount.

d. If the response to (b.) is negative, please explain the reasons why the quality of gas is not directly or indirectly attributable to any portion of the entire (i.e., to including any extension) outage.

e. Are there any other costs to the Company directly or indirectly attributable to the quality of gas associated with the outages identified in DEF's Responses to Staff's First Set of Interrogatories, Nos. 3 and 4?

f. If the response to (d.) is affirmative, please specify the associated dollar amount.

g. Did DEF receive reimbursement or compensation of any kind from any entity associated with the purchasing, handling, or delivery of the natural gas associated with the equipment issues identified in Responses to Staff's First Set of Interrogatories, Nos. 3 and 4? If so, what was the amount and accounting treatment.

Response:

a. Duke Energy Engineering and Bartow CC station have installed state of the art Coalescing Filtration on the gas admission system. These filters are in addition to the original design filter system on the main gas supply. While this will not eliminate the possibility of all gas contamination particulate it will provide a greater

margin of protection. Attached is the spec sheet for the Bartow Fuel Gas Coalescing Filter Skid bearing Bates numbers 20220001-DEF-002554 through 20220001-DEF-002560.

The documents are confidential, a redacted version has been provided. An unredacted copy has been filed with the Florida Public Service Commission along with DEF's Notice of Intent to Request for Confidential Classification dated October 10, 2022.

b. Yes.

c. The total replacement power costs attributable to the quality of gas for Bartow, which only impacts the gas turbines, is $1.4 million (system and retail) for the months of January, April, and May of 2021.

d. Not applicable.

e. DEF restates and incorporates its objection to this interrogatory submitted on October 10, 2022.

f. DEF restates and incorporates its objection to this interrogatory submitted on October 10, 2022.

g. DEF restates and incorporates its objection to this interrogatory submitted on October 10, 2022.

Duke Energy Florida
Docket No. 20220001
DEF's Response to Staff's Sixth Set of Interrogatories (Nos. 17-19)
Q19a

Documents bearing Bates numbers
20220001-DEF-002554 through 20220001-DEF-002560
are **redacted** in their entirety.

AFFIDAVIT

STATE OF FLORIDA

COUNTY OF PINELLAS

I hereby certify that on this 4th day of October, 2022, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared GARY DEAN, who is personally known to me or provided _____ as identification, and he acknowledged before me that he provided the answers to interrogatory numbers 17 (a-d), 18, and 19 (b-d) from STAFF'S SIXTH SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC DBA DUKE ENERGY (NOS. 17-19) in Docket No(s). 20220001-EI, and that the responses are true and correct based on his personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 4th day of October, 2022.

Gary Dean

Notary Public
State of Florida, at Large

MONIQUE WEST
MY COMMISSION # GG 343812
EXPIRES: June 28, 2023
Bonded Thru Notary Public Underwriters

My Commission Expires:

AFFIDAVIT

STATE OF FLORIDA

COUNTY OF PINELLAS

I hereby certify that on this 5th day of October, 2022, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared ANTHONY SALVAREZZA, who is personally known to me or provided _____ as identification, and he acknowledged before me that he provided the answers to interrogatory numbers 19 (a and e-g) from STAFF'S SIXTH SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC DBA DUKE ENERGY (NOS. 17-19) in Docket No(s). 20220001-EI, and that the responses are true and correct based on his personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 5th day of October, 2022.

Anthony Salvarezza

MONIQUE WEST
MY COMMISSION # GG 343812
EXPIRES: June 28, 2023
Bonded Thru Notary Public Underwriters

Notary Public
State of Florida, at Large

My Commission Expires:

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 43
PARTY: Staff Exhibit 43
DESCRIPTION: DEF's Responses to OPC's Fourth Set of Interrogatories, Nos. 31-39, 42, 44-47, 49, 51- 57, 62-64. (...

43

DEF's Responses to OPC's Fourth Set of Interrogatories, Nos. 31-39, 42, 44-47, 49, 51-57, 62-64.

(Including Attachments for Nos. 32-34)

Confidential DN 03337-2022

*Due to a duplication of No. 35, all responses after this one are to be taken as 1 greater than their stated response number (i.e. No. 36 in the response is marked No. 37 on this CEL entry)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance Incentive Factor	DOCKET NO.: 20220001- EI DATED: MAY 31, 2022

DUKE ENERGY FLORIDA, LLC'S RESPONSE TO CITIZENS' THIRD SET OF INTERROGATORIES (NOS. 31-69)

Duke Energy Florida, LLC ("DEF") responds to the Citizens of the State of Florida, through the Office of Public Counsel's ("Citizens" or "OPC") Fourth Set of Interrogatories to DEF (Nos. 31-69) as follows:

INTERROGATORIES

In responding to questions 31-64, please refer to the Confidential Direct Testimony of Anthony Salvarezza filed on April 1, 2022.

31. On page 16 of Mr. Salvarezza's testimony, it is stated that the Unit 4A in-service failure in January 2021 resulted in a forced outage lasting into April 2021.
    a. Please provide a detailed schedule of the work performed during this outage.
    b. Please provide an explanation for the length of this outage.
    c. Provide all emails, correspondence, and other documentation associated with the schedule and duration of this outage.

Response:

a. The rotor was removed for inspection of the fault area, and repairs were attempted to address the damage from the fault on the stator core. Following the repair attempts, DEF was not satisfied with the stator core integrity and elected to purchase a replacement generator from Siemens that was in the Siemens Charlotte shop. This "footprint" generator was removed from long term storage in the laydown yard, prepared in the Charlotte shop for service with technical advisory updates, and then shipped to site for installation. Please see document bearing Bates Numbers 20220001-DEF-002424 through 20220001-DEF-002425 CONFIDENTIAL.
b. Please see DEF's response to Q31a.
c. Please see DEF's objection to this request filed on May 31, 2022.

32. On page 17 of Mr. Salvarezza's testimony, it is stated that the Unit 4C in-service failure in May 2021 resulted in a forced outage lasting into November 2021.

a. Please provide a detailed schedule of the work performed during this outage.

b. Please provide an explanation for the length of this outage.

c. Provide all emails, correspondence, and other documentation associated with the schedule and duration of this outage.

Response:

a. Due to stator core damage from the fault, a new "footprint" generator mid-section was required to be fabricated by Siemens. This stator core with new stator windings was manufactured in the Charlotte shop and shipped to site for installation. Please see document bearing Bates Numbers 20220001-DEF-002426 through 20220001-DEF-002430.
b. Please see DEF's response to Q32a.
c. Please see DEF's objection to this request filed on May 31, 2022.

33. On page 17 of Mr. Salvarezza's testimony, it is stated that the Unit 4D outage that was moved up to June 2021 lasted until October 2021.

a. Please provide a detailed schedule of the work performed during this outage.

b. Please provide an explanation for the length of this outage.

c. Provide all emails, correspondence, and other documentation associated with the schedule and duration of this outage.

Response:

a. Please see attached document bearing Bates Numbers 20220001-DEF-002431 through 20220001-DEF-002433.
b. Please see DEF's response to Q33a.
c. Please see DEF's objection to this request filed on May 31, 2022.

34. On bates page 20220001-DEF-001381, please confirm that the outage referred to began on the mobilization date and ended on the demobilization date cited in Table 1.4.

a. Please provide a detailed schedule of the work performed during this outage.

b. Please provide an explanation for the length of this outage.

c. Provide all emails, correspondence, and other documentation associated with the schedule and duration of this outage.

Response:

a. The planned outage began on 9/29/2019 and ended on 1/28/2020. The dates cited in Table 1.4 were the Siemens mobilization dates for work scheduled during this outage. This outage was a planned Generator Major outage, in which two stator bars failed during the planned hipot test, resulting in a scope escalation to a stator rewind, as described in Mr. Salvarezza's testimony on page 6. Please see document bearing Bates Numbers 20220001-DEF-002434 through 20220001-DEF-002447 and 20220001-DEF-002448 through 20220001-DEF-002449.
b. Please see DEF's response to Q34a.
c. Please see DEF's objection to this request filed on May 31, 2022.

35. On pages 15-16 of Mr. Salvarezza's testimony, it is stated that the stator rewinds for Units 4A, 4C, and 4D were moved up to outages in 2022, 2023, and 2024. Please provide a detailed explanation for delaying the stator rewind outages on these units until 2022 considering the findings of the Unit 4B Root Cause Analysis. Please provide all emails, correspondence, and other documentation on the rescheduling of these outages and the rescheduling decision process.

Response:

DEF disagrees with the question's premise that the stator rewind outages were "delayed" – as Mr. Salvarezza's testimony explains, the stator rewinds were *accelerated* by thousands of equivalent operating hours compared to the normal schedule for such an activity. Please see Mr. Salvarezza's testimony at page 16, lines 9-16. To the extent this question is asking why the rewinds were not *accelerated further*, there were multiple reasons DEF opted for the original schedule identified, not least among them being that DEF had no information that would have led to the conclusion that the units were incapable of operating to the scheduled outages nor did DEF even *know* that the other units were damaged – it was determined likely that the damage had been initiated, but there was no non-destructive testing available to definitively determine if that hypothesis was correct. Finally, when scheduling the rewind outages, DEF had to consider: system demand, other units' availability throughout the length of the potential outage, availability of the manufacturer to fabricate the necessary components (obviously DEF is not the only customer of the manufacturer and DEF has no ability to skip ahead in the manufacturer's queue), time to manufacture needed components once the manufacturer was able to begin), and availability of contractors to perform the work, the loss of a low-cost baseload unit and the need to produce and/or purchase higher cost replacement power during the outage, etc.

35. What testing was performed on Units 4A, 4C, and 4D after the Unit 4B stator bar issues described on page 6 of Witness Salvarezza's direct testimony was discovered?

a. Provide copies of all test reports on the generators.
b. Provide all emails, correspondence, and other documentation associated with testing and decisions to perform the testing.

Response:

a. As discussed in footnote 1 on page 7 – Units 4A, 4C, and 4D each successfully completed the same hipot testing that discovered the damage to Unit 4B. Please see page 13 for a discussion of additional borescope testing scheduled for Units 4A and 4C, as well as modifications to the EMSA collars. There is no other available testing that would have discovered the damage.
b. Please see DEF's objection to this request filed on May 31, 2022.

36. On pages 18-19 of Mr. Salvarezza's testimony, discussing the planning of outages at the remaining Bartow CTG units after the Unit 4A in-service failure and its resulting outage, it is stated that "any of the alternatives ultimately not selected carried its own set of risks and unknowns."

a. Please elaborate on the risks and unknowns of removing Unit 4C from service immediately after Unit 4A was returned to service in April 2021.
b. Please elaborate on the risks and unknowns of removing Unit 4D from service immediately after Unit 4A was returned to service in April 2021.

Response:

The "risks and unknowns" being referred to under either scenario were the same and include such unknows as whether or not the suspected damage was present at all, the risk that the other remaining unit suffered an in-service failure while the first was offline (i.e., that the "wrong" unit was taken offline), assuming the damage was found on whichever unit was taken off-line, the risk that the unit would have been offline for an indeterminate amount of time while DEF waited its turn in the manufacturer's queue and then fabricated the needed components, and the risk that a different unit altogether would either enter a forced outage or need to forego a planned outage to meet need while the unit was offline. Again, the point of the comment being referred to and the discussion that preceded it was simply to illustrate that there was no risk-free or perfect path forward available at the time.

37. When did DEF discover that the stator winding temperatures at the Bartow CTG units exceeded the comparative values noted on page 7, line 17 during the 2009-2013 timeframe?

a. Provide all information and documentation regarding Siemens' analysis of the winding's temperature.
b. Provide any revisions or recommendations from Siemens regarding changes in alarm setpoints.
c. Provide all emails, correspondence, and other documentation associated with Siemens' assessment of winding temperatures and alarm setpoints.

Response:

a. All information DEF is aware of on temperature analysis was provided in the Siemens RCA.
b. No recommendations were received from Siemens regarding changes to alarm setpoints, even to this date in 2022.
c. Please see DEF's objections to this request filed on May 31, 2022. Subject to and without waiving these objections, please see the RCA referenced in DEF's response to Q38a.

38. For Unit 4B, during the period of operation where the condition described on page 7, lines 14-16 that was determined by the RCA as the "main contributor" occurred, did plant operators note any effects (leakage, blocked vents, etc) from the main contributor?

Response:

No. The referenced components are internal to the generator and not visible by operators or other DEF staff without generator disassembly. The only computer indication was the stator RTDs which were slightly elevated, but still well within the OEM's recommended operating range, as discussed on page 10 of Mr. Salvarezza's.

[redacted]

41. Did DEF employ any temperature monitoring techniques at Bartow other than RTDs such as coating generator windings with chemical tagging compounds?

Response:

No. DEF does not use chemical tagging compounds for air-cooled generators.

[redacted]

[redacted]

43. Did DEF contract with any third parties to perform inspections of the stator windings on the Bartow CTG units during the 2019-2021 timeframe?

Response:

No.

44. Please refer to page 5, lines 19-21. Did DEF submit a claim to the OEM for the degraded part? If the answer is yes, please state the current status of that claim. If the answer is no, explain why not.

Response:

Subject to and without waiving DEF's objection to this request filed May 31, 2022, no claim was filed as the component was past warranty period.

45. Please refer to page 5, lines 19-21. State in which units upgrades were installed as described in the referenced lines and how many of the degraded parts in each unit were upgraded.

Response:

Upgrades were installed on all four Bartow CTG during planned outages in Fall 2012 and Spring 2013. 10 components per generator were upgraded (40 total). Reference Siemens Product Bulletin PB3-13-0008-GN-EN-01 4 for graphical representation of sealing arrangement.

46. Please refer to page 5, lines 19-21. Did these upgrades occur during a planned outage? If the answer is no, explain the type of outage, date, duration and MW affected.

Response:

Yes - planned outage for all four units.

[redacted]

[redacted]

48. Explain whether DEF or the OEM is responsible for maintenance of the RTD alarm.

Response:

DEF is responsible for RTD maintenance.

[redacted]

50. Please refer to page 13, line 8-9. Provide the dates on which DEF learned of the cause of Unit 4B's damage and the date on which DEF learned that the remaining units may have experienced similar damage.

Response:

DEF learned on the cause of the damage and the potential damage at the other units when it received the Siemens RCA.

51. Please refer to page 13. Provide the date that each of the cited steps was planned for action and the date of completion (reconfiguration of EMSA collars on Units 4A and 4C; borescope inspections; procurement of spare set of stator bars; scheduled generator rewinds).

Response:

Completion dates for reconfiguration of EMSA collars is located in footnotes of testimony on Page 13. Borescope inspections were not completed prior to failure on Units 4A or 4C. Spare stator bar purchase was not yet finalized at the time of failure of 4A. Please see pages 15-16 of Mr. Salvarezza's testimony for response to scheduling generator rewinds.

52. Explain why DEF chose to do borescope camera inspections to detect buckling insulation when it is not a proven method of inspection for the issue the company sought to identify.

Response:

The borescope inspection was evaluated based on an attempt to better quantify risk to the generator in an attempt to determine if there were any signs of buckled insulation. That is, although not a "proven method" for detecting buckling insulation, DEF determined that it was nonetheless an avenue worth exploring.

53. State each alternative method DEF considered to look for buckled insulation and why each method was not chosen.

Response:

As stated in response to Q53, DEF scheduled borescope inspections on the remaining units. Other available options that were not selected included a "major inspection" which would have entailed physically removing the generator rotor and performing a visual inspection; DEF determined that, due to the time and expense of such an outage, it would have been more prudent to instead schedule the units for a rewind (which DEF also did, as described in Mr. Salvarezza's testimony and in response to interrogatory 35). Please note, at the time the damage was discovered on Unit 4B, each of the remaining units had recently undergone and passed the hipot testing that discovered the damage on unit 4B. While hipot testing would not detect buckled insulation, it would detect weakness in the insulation but is also a destructive test (above the level of the insulation resistance weakness) that would likely have required a rewind if the units failed the test. Due to the nature of the hipot test and the fact that it consumes a small portion of the insulation life each time it is performed, DEF determined it was not justified to reperform the test on these units again since they had each passed this same test within the previous 2 years.
Another option considered was radiography of the stator bars to determine if damage existed in the insulation. After discussing this option with the OEM, it was determined that the most probable location of the damage, as identified in the failed stator bars during the hipot, was not accessible to be able to perform the radiograpy test because of physical obstructions in close proximity to the suspect location.

54. Please refer to page 9, lines 18-20 and page 15 lines 13-15. Reconcile the cited statement on page 9 with the contention on page 15 that breaches resulting in failure occur "in milliseconds and not slowly over time."

Response:

The damage initiated in the insulation slowly propagated over time, but slight damage would not be expected to immediately fail a stator bar, since insulation around the copper current-carrying components is composed of multiple layers. However, as the damage progressed and further weakened the mechanical strength at that location, it would continue to grow through multiple layers of insulation until the point at which the voltage level internal to the stator bar exceeded the insulation capability, at which point the failure would occur in milliseconds. Trending damage propagation of this type is not possible in the area of vulnerability on this specific design.

55. Provide the date and actual equivalent hours for each unit when the rewind was conducted.

Response:

4A: Jan 12, 2021, at 89,124 Equivalent Operating Hours (EOH)
4B: Sept 28, 2019, at 78,076 EOH

4C: May 15, 2021, at 91,036 EOH
4D: June 19, 2021, at 94,802 EOH

56. Provide the OEM's fleet experience data for the Siemens model SGen6-1000A combustion turbine generator including the number of units of this model that are in service and the number of units that have experienced degradation of the confidential part cited on page 5, line 20.

Response:

This data is provided in the Siemens RCA Section 2.4. Siemens has never communicated the number of units in their fleet that experienced degradation of the confidential part to DEF.

[redacted]

[redacted]

[redacted]

[redacted]

[redacted].

61. State each alternative method DEF considered to look for the issue described on page 8, lines 8-9 and why each method was not chosen.

Response:

Each unit was hipot tested during 2018-2019 to validate insulation integrity of the stator bars as part of planned generator outage inspections. Please also see Mr. Salvarezza's testimony on page 14. Tan delta and power factor testing were performed on Unit 4D after discovery of the issue on 4B in Fall 2019. Test results are located in the Outage Report.

62. Please refer to your responses to OPC's 2nd PODs, bates page 202200001-DEF-000484. Provide the number of start-stop cycles the Bartow unit referred to in this technical advisory product bulletin had undergone when the bulletin was issued on November 19, 2019.

Response:

This bulletin refers to the generator rotor and is unrelated to the generator stator.

63. If the answer to interrogatory 63 is more than 1000, provide the date on which DEF conducted the recommended inspection.

Response:

All units are under 1000 start/stop cycles at the time of the most recent outage.

[redacted]

AFFIDAVIT

STATE OF FLORIDA

COUNTY OFPINELLAS

I hereby certify that on this 14th day of June, 2022, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared ANTHONY SALVAREZZA, who is personally known to me, and he acknowledged before me that he provided the answers to interrogatory numbers 31 through 69, from the CITIZENS' FOURTH SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC (NOS. 31-69) in Docket No. 20220001, and that the responses are true and correct based on his/her personal knowledge.

THE FOREGOING INSTRUMENT was sworn to and subscribed before me by means of ☐ physical presence or **X** online (video) notarization by ANTHONY SALVAREZZA, who is personally known to me.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 14th day of June, 2022.

Anthony Salvarezza

MONIQUE WEST
MY COMMISSION # GG 343812
EXPIRES: June 28, 2023
Bonded Thru Notary Public Underwriters

Notary Public
State of Florida, at Large

My Commission Expires:

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 44
PARTY: Staff Exhibit 44
DESCRIPTION: DEF's Responses to OPC's Fifth Set of Interrogatories, Nos. 74-77 and Supplemental Response No. 77. ...

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DEF's Responses to OPC's Fifth Set of Interrogatories, Nos. 74-77 and Supplemental Response No. 77.

(Including Attachment for Supplemental No. 77)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance Incentive Factor	DOCKET NO.: 20220001- EI DATED: June 17, 2022

DUKE ENERGY FLORIDA, LLC'S RESPONSE TO CITIZENS' FIFTH SET OF INTERROGATORIES (NOS. 70-77)

Duke Energy Florida, LLC ("DEF") responds to the Citizens of the State of Florida, through the Office of Public Counsel's ("Citizens" or "OPC") Fifth Set of Interrogatories to DEF (Nos. 70-77) as follows:

INTERROGATORIES

Please reference the April 28, 2022 GPIF Actual Unit Performance Data Report for March 2022 in responding to Interrogatories 70-77:

[redacted]

[redacted]

[redacted]

74. On page 7 of 14 (Hines Power Block 4), please state if the EAF % of 62.13 for the month of March 2022 is attributable fully or in part to the one Full Forced Outage (FFO) and one (PFO) event with hours totaling 728.40 and 728.40, for 171 MW and 84 MW, respectively, beginning on March 1, 2022, as shown on page 14 of 14.

Response:
The Hines Power Plock 4 EAF of 62.13% for the month of March 2022 is fully attributed to the Full Forced Outage (FFO) and PFO events beginning on March 1.

75. If the answer to Interrogatory No. 74 is yes, please identify the amount of replacement power cost attributable to the unit unavailability below an EAF of 100%. Please also identify the workpapers calculating such replacement power costs.

Response:
The system and retail replacement power costs for this outage(Hines Power Block 4), during the month of March 2022, is approximately $1.1 million (system and retail).

Replacement power costs associated with planned outages, if applicable, are not included in the calculations as DEF does not calculate replacement power costs for planned outages. To calculate the replacement power cost assuming Hines PB4 had not experienced the outage, DEF ran a production cost simulation model beginning March 1, 2022 through March 31, 2022; this process is consistent with DEF's prior replacement power calculations. DEF ran this simulation model, applying the actual load conditions and replacement fuel costs, which produced the total system cost assuming Hines PB4 was fully available. DEF then compared the resulting "with Hines PB4" system cost to the system cost calculated based on actual unit loadings (i.e., without Hines PB4). The difference between the "with Hines PB4" cost and the "without Hines PB4" cost represents the system replacement power costs during the Hines PB4 Outage.

Please see DEF's documents and response to OPC's Fifth Request for Production of Documents, question 42.

76. Please state whether Duke Energy Florida, LLC intends to seek, or has already sought, recovery of the replacement power costs identified in response to Interrogatory 75.

Response:

These replacement power costs were not included in the 2022 Projection Filing and therefore are not included in the current fuel cost recovery factor. DEF intends to include the replacement power costs identified in DEF's response to OPC Interrogatory No. 75 in its 2022 Actual/Estimated true-up calculation and seek recovery of those costs in its 2023 fuel factors.

77. Please identify all documents related to any and all root cause analyses (or the functional equivalent, regardless of title), including drafts and related commentary correspondence, involving the forced outage occurring at Hines Power Block 4 in March 2022.

Response:

Upon unit being forced offline there are two documents pertaining to the event and are summarized here.

1. GE the original manufacturer was called immediately, and they prepared "ER-20220301-1057 HINES174.

2. Duke Energy Engineering Services then performed borescope inspection completed on 3/3/22 and report issued on 3/4/22 entitled “298388 Hines 4B Borescope Outbrief 030422.pdf”.

3. The failed components were subsequently removed and sent to an internal root cause investigation team. The investigation is ongoing A timeline as of 6.3.2022, is provided in DEF’s Response to OPC Request number 43.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance Incentive Factor	DOCKET NO.: 20220001- EI DATED: October 20, 2022

DUKE ENERGY FLORIDA, LLC'S SUPPLEMENTAL RESPONSE TO CITIZENS' FIFTH SET OF INTERROGATORIES (NOS. 70-77)

Duke Energy Florida, LLC ("DEF") supplements its response to the Citizens of the State of Florida, through the Office of Public Counsel's ("Citizens" or "OPC") Fifth Set of Interrogatories to DEF (Nos. 70-77), specifically question 77, as follows:

INTERROGATORIES

Please reference the April 28, 2022 GPIF Actual Unit Performance Data Report for March 2022 in responding to Interrogatories 70-77:

77. Please identify all documents related to any and all root cause analyses (or the functional equivalent, regardless of title), including drafts and related commentary correspondence, involving the forced outage occurring at Hines Power Block 4 in March 2022.

Response:

Please see the attached documents bearing bates numbers 20220001-DEF-002580 through 20220001-DEF-002615.

The documents are confidential, a redacted version has been provided. An unredacted copy has been filed with the Florida Public Service Commission along with DEF's Notice of Intent to Request for Confidential Classification dated October 20, 2022.

Duke Energy Florida
Docket No. 20220001
DEF's Supplemental Response to OPC's ROG 5 (70-77)
Q77

Documents bearing Bates Numbers 20220001-DEF-002580 through 20220001-DEF-002615 are confidential in their entirety

AFFIDAVIT

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

I hereby certify that on this 16th day of June, 2022, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared M. Ingle Jenkins, who is personally known to me, and she acknowledged before me that she provided the answers to interrogatory numbers 70 and 74 from the CITIZENS' FIFTH SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC COMPANY (NOS. 70-77) in Docket No. 20220001, and that the responses are true and correct based on her personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 16th day of June, 2022.

M. Ingle Jenkins

M. Ingle Jenkins

Mary B Vicknair

Notary Public
State of North Carolina

My Commission Expires:

09/21/2022

MARY B VICKNAIR
NOTARY PUBLIC
Davie County
North Carolina
My Commission Expires Sept. 21, 2022

AFFIDAVIT

STATE OF FLORIDA

COUNTY OF PINELLAS

I hereby certify that on this 16th day of June, 2022, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared GARY DEAN, who is personally known to me, and he acknowledged before me that he provided the answers to interrogatory numbers 71, 72, 75 and 76, from the CITIZENS' FIFTH SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC COMPANY (NOS. 70-77) in Docket No. 20220001, and that the responses are true and correct based on his personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 16th day of June, 2022.

Gary Dean

MONIQUE WEST
MY COMMISSION # GG 343812
EXPIRES: June 28, 2023
Bonded Thru Notary Public Underwriters

Notary Public
State of Florida, at Large My Commission

Expires:

AFFIDAVIT

STATE OF FLORIDA

COUNTY OFPINELLAS

I hereby certify that on this 16th day of June, 2022, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared ANTHONY SALVAREZZA, who is personally known to me, and he acknowledged before me that he provided the answers to interrogatory number 77, from the CITIZENS' FIFTH SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC (NOS. 70-77) in Docket No. 20220001, and that the responses are true and correct based on his/her personal knowledge.

THE FOREGOING INSTRUMENT was sworn to and subscribed before me by means of ☐ physical presence or X online (video) notarization by ANTHONY SALVAREZZA, who is personally known to me.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 16th day of June, 2022.

Anthony Salvarezza

MONIQUE WEST
MY COMMISSION # GG 343812
EXPIRES: June 26, 2023
Bonded Thru Notary Public Underwriters

Notary Public
State of Florida, at Large

My Commission Expires:

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 45
PARTY: Staff Exhibit 45
DESCRIPTION: FPL's Responses to Staff's First Set of Interrogatories, No. 2. (Bates No. 00055-00057)

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FPL's Responses to Staff's First Set of Interrogatories, No. 2.

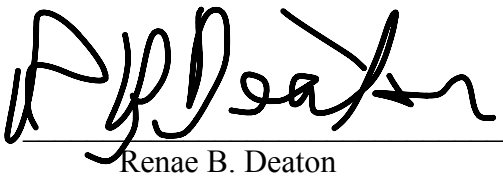
QUESTION:
Please refer to FPL's February 2022 A-Schedules, Schedule A-2, (unnumbered) second page, footnote 5. Please explain the nature of the factor in the amount of "1.001636," that is applied to derive the Retail Total Fuel Costs & Net Power Transactions amount shown on this schedule.

RESPONSE:
The factor referenced on footnote 5 of Schedule A2 represents the jurisdictional line loss multiplier. In the January and February 2022 A2 schedules, footnote 5 reflects 1.001636, which represents the multiplier for 2021. The correct amount for 2022, which is also provided on line 32 of Schedule A1, is 1.00167. FPL's revised January and February 2022 A2 schedules filed on April 20, 2022 reflect the corrected footnote 5.

DECLARATION

I sponsored the answer to Interrogatory Nos. 1 and 2 from **STAFF'S FIRST SET OF INTERROGATORIES (NOS. 1-2)** to Florida Power & Light Company in Docket No. 20220001-EI. The responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.



Renae B. Deaton

Date: _____

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 46
PARTY: Staff Exhibit 46
DESCRIPTION: FPL's Responses to Staff's Second Set of Interrogatories, Nos. 3-4, 7, 10, (Attachments to Nos. 3, ...

46

FPL's Responses to Staff's Second Set of Interrogatories, Nos. 3-4, 7, 10

(Including Attachments)

QUESTION:
The following questions are with respect to Florida Power & Light's (FPL or Company) Petition for Approval of Fuel Cost Recovery and Capacity Cost Recovery Net Final True-Ups for the Period Ending December 2021 and 2021 Asset Optimization Incentive Mechanism Results (Petition).

Please refer to page 2 of the Petition, paragraph 3, footnote 2. Please identify the replacement power cost amount associated with the August 2020 outage of Plant Turkey Point Unit No. 3 alluded to in footnote 2. Please show how this amount was calculated with explanation.

RESPONSE:
The replacement power costs associated with the August 2020 outage of Plant Turkey Point Unit No. 3 were $1,468,309. The calculation is provided in Attachment No. I to this Interrogatory. FPL applies the proportion of fuel used during the same period for each fuel type, as summarized on Schedule A3, to the amount of outage time, in hours, experienced. Fixed natural gas costs are removed from the calculation since those costs have already been incurred.

QUESTION:
The following questions are with respect to Florida Power & Light's (FPL or Company) Petition for Approval of Fuel Cost Recovery and Capacity Cost Recovery Net Final True-Ups for the Period Ending December 2021 and 2021 Asset Optimization Incentive Mechanism Results (Petition).

Please refer to the Direct Testimony of FPL witness Dean Curtland for the following question. Please provide the replacement power costs, if any, associated with the: July 2020 outage of Turkey Point Unit No. 4; November 2020 outage of Turkey Point Unit No. 3; January 2021 outage of St. Lucie Unit No. 2; March 2021 outage of Turkey Point Unit No. 3; May 2021 outage of St. Lucie Unit No. 1; and the August 2021 outage of Turkey Point Unit No. 3. Please also show how any replacement power cost amounts were calculated.

RESPONSE:
The replacement power cost for July 2020 outage of Turkey Point Unit No. 4 was $1,453,970; November 2020 outage of Turkey Point Unit No. 3 was $1,290,604; January 2021 outage of St. Lucie Unit No. 2 was $1,180,450; March 2021 outage of Turkey Point Unit No. 3 was $1,206,743; May 2021 outage of St. Lucie Unit No. 1 was $1,517,511; August 2021 outage of Turkey Point Unit No. 3 was $2,766,857. The calculations are provided in Attachment No. I to this Interrogatory. FPL applies the proportion of fuel used during the same period for each fuel type, as summarized on Schedule A3, to the amount of outage time, in hours, experienced. Fixed natural gas costs are removed from the calculation since those expenses have already been incurred.

QUESTION:
The following questions are with respect to Florida Power & Light's (FPL or Company) Petition for Approval of Fuel Cost Recovery and Capacity Cost Recovery Net Final True-Ups for the Period Ending December 2021 and 2021 Asset Optimization Incentive Mechanism Results (Petition).

Please refer to witness Deaton's testimony, Exhibit RBD-3, Page 2 of 3, for the following question. Please explain what specific costs are associated with (unnumbered lines) "Adjustments to Fuel Cost" in the (net) amount of ($133,785), and "Adjustments" in the amount of $1,245,162.

RESPONSE:
The amount of ($133,655) represents a loss/(gain) on the sale of gas. The loss/(gain) on the sale of gas represents the resale of gas in the Southern pool to other electric entities. Gas resale revenue is a credit to fuel cost and the value of that gas sold is expensed at the time of sale. The ($133,655) includes a $130 non-fuel credit that was inadvertently booked to the loss/(gain) on the sale of gas. This amount will be reclassified in 2022.

The adjustment of $1,245,162 represents a reclassification of base retail revenue to clause revenue. Subsequent to the close of the general ledger for the period ending December 31, 2020, it was identified that base retail revenues were overstated by $2.0 million and clause revenues were understated by the same amount. The fuel portion of this revenue adjustment is $1.2 million, which was moved from base to clause revenue in January 2021.

QUESTION:
The following questions are with respect to Florida Power & Light's (FPL or Company) Petition for Approval of Fuel Cost Recovery and Capacity Cost Recovery Net Final True-Ups for the Period Ending December 2021 and 2021 Asset Optimization Incentive Mechanism Results (Petition).
Please provide a workpaper showing the derivation of the SolarTogether credit/adjustment in the amount of $81,015,148.

RESPONSE:
The FPL SolarTogether ("ST") Subscription Credits are calculated in the FPL billing system and a report is provided monthly. In 2021, a total of approximately 53,000 customer accounts participated in the ST Program, therefore a workpaper showing each customer's credit calculation for each month is not available. Please see Attachments I and II to this response. Attachment I provides a summary of the monthly reports reflecting the credit amounts from FPL's billing system. Attachment II provides a reconciliation of billing system amounts with amounts on FPL's books and records, which include adjustments for the regulatory assessment fee and monthly billing adjustments.

The calculation of the ST Subscription Credit for participating customer accounts is based on the following formula:

ST Subscription Credit = FPL ST Credit (Benefit Rate) cents per kWh * KW subscribed / Name Plate * AMO / 100

- ST Credit (Benefit Rate) cents per kWh = factor determined by the customer's original subscription date. For example, Year 000 represents months 1-12 of ST billing, Year 001 represents months 13-24 of ST billing, etc.
- kW subscribed = the demand amount the customer has subscribed to.
- Name Plate = factor per the solar sites for which the customer has subscribed.
- AMO = Actual Monthly Output – determined by the relative month of the corresponding billing period. For example, if billing is for the month of March 2022, the AMO used is from February 2022.

DECLARATION

I sponsored the answer to Interrogatory Nos. 3, 4, and 9b from **STAFF'S SECOND SET OF INTERROGATORIES (NOS. 3-10)** to Florida Power & Light Company in Docket No. 20220001-EI. The responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.

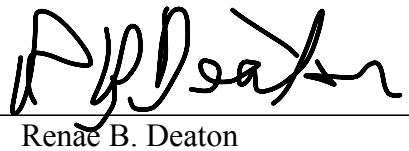
Gerard J. Yupp

Date: 5/10/22

DECLARATION

I sponsored the answer to Interrogatory Nos. 6 through 8 and 10 from **STAFF'S SECOND SET OF INTERROGATORIES (NOS. 3-10)** to Florida Power & Light Company in Docket No. 20220001-EI. The responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.



Renae B. Deaton

Date: _____

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 47
PARTY: Staff Exhibit 47
DESCRIPTION: FPL's Responses to Staff's Third Set of Interrogatories, No. 17. (Bates No. 00065-00067)

47

FPL's Responses to Staff's Third Set of Interrogatories, No. 17.

QUESTION:
Please refer to the purchased power agreements (PPAs) between FPL and Rainbow Energy and Constellation Energy for the period January – February 2022.

Please detail the extreme winter weather methodology FPL used to determine the winter peak demand used for its reliability planning for winter 2021/2022.

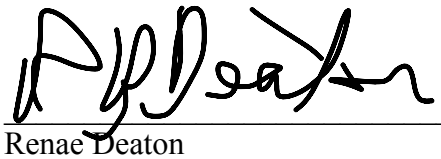
a. **Please identify any Order(s) from the Commission approving the methodology utilized. If there are no such Order(s), state whether the methodology used was required by NERC or other regulatory authority.**

RESPONSE:
FPL withdraws its request for recovery of costs related to the purchased power agreements ("PPA") between FPL and Rainbow Energy and Constellation Energy for the period January – February 2022. FPL's Capacity Clause Actual/Estimated calculation to be filed on July 27, 2022 will reflect a credit (with interest) to customers for the costs associated with these PPAs.

DECLARATION

I, Renae Deaton, sponsored the answers to Interrogatory Nos. 17-20 and 22-24 and I co-sponsored the answer to Interrogatory No. 21 from **Staff's Third Set of Interrogatories (Nos. 11-24)** to Florida Power & Light Company in Docket No. 20220001-EI, and the responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.



Renae Deaton

Date: _____

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 48
PARTY: Staff Exhibit 48
DESCRIPTION: FPL's Responses to Staff's Fourth Set of Interrogatories, No. 28 (Bates No. 00068-00070)

48

FPL's Responses to Staff's Fourth Set of Interrogatories, No. 28

Florida Power & Light Company
Docket No. 20220001-EI
Staff's Fourth Set of Interrogatories
Interrogatory No. 28

QUESTION:
Please refer to the Petition, Schedule E1-B, line 37, and the associated footnote (No. 4) for the following request. Please explain the derivation of the amount ($683,499,887), which is noted as the Company's 2021 Actual/Estimated true up.

RESPONSE:
Footnote (No. 4) on Schedule E1-B refers to the 2021 mid-course correction under-recovery of 683,499,887 reflected on Line 37 that is being recovered through FPL's current year fuel cost recovery factor. The under-recovery of 683,499,887 represents the sum of the pre-consolidated FPL and Gulf revised 2021 actual/estimated net true-up amounts, included in FPL's midcourse correction filed on November 9, 2021. There is a $572 difference from the under-recovery amount referenced in Schedule E1-B, Line 37 compared to the November 9, 2021, Midcourse Correction Filing, which was subsequently corrected in the 2021 final true-up filed on April 1, 2022.

	(1) November 9, 2021 Midcourse Correction Filing	(2) April 1, 2022 Final True-Up Filing	(3) Amount to be Refunded/ (Collected)
FPL 2021 Actual/Estimated True-Up	($585,866,364)	($597,548,321)	($11,681,957)
Gulf 2021 Actual/Estimated True-Up	($103,719,775)	($81,780,862)	$21,938,913
Gulf 2021 Final True-Up	$6,085,680	$6,085,680	$0
Net	**($683,500,459)**	**($673,243,503)**	**$10,256,956**
Difference	$572	$0	($572)
Total	**($683,499,887)**	**($673,243,503)**	**$10,256,384**

DECLARATION

I, Renae Deaton, sponsored the answer to Interrogatory No. 28 and I co-sponsored the answer to Interrogatory No. 26 from **Staff's Fourth Set of Interrogatories (Nos. 25-30)** to Florida Power & Light Company in Docket No. 20220001-EI, and the responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.

Renae Deaton

Date: 26 Aug 2022

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 49
PARTY: Staff Exhibit 49
DESCRIPTION: FPL's Responses to Staff's Sixth Set of Interrogatories, Nos. 35. (Bates No. 00071-00073)

49

FPL's Responses to Staff's Sixth Set of Interrogatories, Nos. 35.

Florida Power & Light Company
Docket No. 20220001-EI
Staff's Sixth Set of Interrogatories
Interrogatory No. 35

QUESTION:
Please refer the Direct Testimony of Gerard J. Yupp, filed with Florida Power & Light's *Petition for Approval of Fuel Cost Recovery and Capacity Cost Recovery Factors for January through December 2023* (Petition), page 4, lines 4-10 for the following request. Regarding point "5" of the items listed in this section of testimony, please elaborate, in general, on the typical points of variability (i.e., contractual terms that affect pricing) that ultimately affect the cost of natural gas contained in FPL's natural gas supply and transportation contracts. If possible, please also generally comment on the typical extent or range of cost variability associated with the contractual terms referenced in this section of the testimony in any given year.

RESPONSE:
The primary terms of FPL's natural gas supply contracts that ultimately affect the cost of natural gas include the contractual pricing mechanism, the term of the supply contract, and the supply point.

FPL utilizes index-based pricing for the vast majority of its natural gas supply contracts. Supply transactions are typically based on NYMEX settlements or market survey publications such as Platts Inside FERC or Gas Daily. Pricing based on monthly NYMEX settlements will typically include an additional pricing component (either positive or negative) that represents the basis differential between Henry Hub and the location where the supply is being delivered. Platts indices include an embedded basis differential for the applicable supply point, however an additional pricing component may also be part of the pricing mechanism given variables such as market conditions, supplier, season, and the term of the transaction. Inside FERC pricing sets the price for the month, while Gas Daily pricing sets the price on a daily basis based on the actual gas traded at a particular location each day. The term of the supply transaction will generally drive whether a monthly or daily index price is utilized. Gas Daily pricing can result in more variability during the month since the pricing reflects real-time market conditions. The range of variability associated with each of these contractual terms is difficult to quantify. In general, the variability associated with each supply contract is based on the aggregate of the terms, rather than one specific term, however, supply location is a primary driver of variability.

The primary terms of FPL's transportation agreements that impact the cost of natural gas include the fixed demand payment on each pipeline, variable transportation costs on each pipeline, the term of the transportation agreement, the subscribed capacity, and the designated receipt points on each pipeline. The length and subscribed capacity of transportation agreements can play a role in the fixed demand rate, as well as current market conditions. Variable transportation costs can change over the duration of a transportation agreement. As described above, the supply location is directly correlated to the commodity price, so designated receipt points on each transportation contract play a role in the variability of natural gas prices.

DECLARATION

I, Gerard J. Yupp, sponsored the answer to Interrogatory No. 35 from **Staff's Sixth Set of Interrogatories (No. 35)** to Florida Power & Light Company in Docket No. 20220001-EI, and the response is true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answer identified above, and that the facts stated therein are true.

Gerard J. Yupp

Date: 10/3/22

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 50
PARTY: Staff Exhibit 50
DESCRIPTION: FPUC's Responses to Staff's First Set of Interrogatories, No. 1. (Bates No. 00074-00077)

50

FPUC's Responses to Staff's First Set of Interrogatories, No. 1.

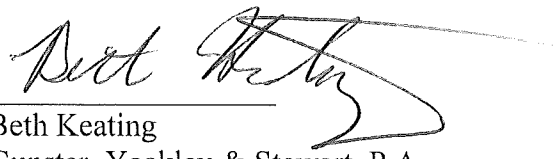
BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost recovery clause with generating performance incentive factor.	DOCKET NO. 20220001-EI DATED: April 28, 2022

FLORIDA PUBLIC UTILITIES COMPANY'S RESPONSES TO COMMISSION STAFF'S FIRST SET OF INTERROGATORIES (NO. 1)

The Florida Public Utilities Company ("FPUC" or "Company"), hereby submits its Responses to the First Set of Interrogatories (No. 1) served on the Company on April 13, 2021, by Commission Staff. The individual responses follow this cover sheet.

Respectfully submitted,



Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 South Monroe St., Suite 601
Tallahassee, FL 32301
(850) 521-1706
Attorneys for Florida Public Utilities Company

Interrogatory No. 1

INTERROGATORIES

The following questions are with respect to Florida Public Utilities Company's (FPUC or Company) *Petition for Approval of Final True-Up Amount for 2021.*[1]

1. Please refer to the Direct Testimony of FPUC witness Curtis Young, Exhibit (CDY-1), Page 3 of 3, for the following question. This schedule shows an "Overcollected Interin [sic] Rates-Hurricane Michael" adjustment in the amount of $112,605. However, on Exhibit (CDY-1), Page 1 of 3, this adjustment is labeled as "State Income Tax reserve – 2021." Please reconcile.

Company Response:

The "Overcollected Interim [sic] Rates-Hurricane Michael" line description indicated on Exhibit (CDY-1), Page 3 of 3 had been erroneously retained from the previous year's Final True-up filing. The item should have been labeled as indicated on Exhibit (CDY-1), Page 1 of 3. The correct line item description is actually "State Income Tax reserve – 2021."

Respondent: Curtis Young

[1]Document No. 02208-2022, filed April 1, 2022.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost recovery clause with generating performance incentive factor.	DOCKET NO. 20220001-EI DATED: APRIL 25, 2022

DECLARATION

I hereby certify and affirm that I sponsored the Company's responses to the STAFF'S FIRST SET OF INTERROGATORIES TO FLORIDA PUBLIC UTILITIES COMPANY, No. 1 in Docket No. 20220001-EI. The responses are true and correct to the best of my knowledge.

Under penalty of perjury, I declare that I have read the foregoing declaration and the interrogatory responses identified above, and that the facts stated therein are true.

Curtis D. Young

(Curtis D. Young), Declarant

Dated: April 25, 2022

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 51
PARTY: Staff Exhibit 51
DESCRIPTION: FPUC's Responses to Staff's Second Set of Interrogatories, No. 2. (Bates No. 00078-00081)

51

FPUC's Responses to Staff's Second Set of Interrogatories, No. 2.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost recovery clause with generating performance incentive factor.	DOCKET NO. 20220001-EI DATED: June 16, 2022

FLORIDA PUBLIC UTILITIES COMPANY'S RESPONSES TO COMMISSION STAFF'S SECOND SET OF INTERROGATORIES (NO. 2)

The Florida Public Utilities Company ("FPUC" or "Company"), hereby submits its Responses to the Second Set of Interrogatories (No. 2) served on the Company on May 17, 2021, by Commission Staff. The individual responses follow this cover sheet.

Respectfully submitted,

Beth Keating
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215 South Monroe St., Suite 601
Tallahassee, FL 32301
(850) 521-1706
Attorneys for Florida Public Utilities Company

Interrogatory No. 2

INTERROGATORIES

The following questions are with respect to the Florida Public Service Commission's audit of Florida Public Utilities Company's (FPUC or Company) 2021 Fuel Cost Recovery Clause filing (2021 Actuals).[1]

2. Please refer to Audit "Finding No. 1: Revenues." According to the audit report, FPUC performed adjustments to 2021 fuel revenue in the amounts of $7,486.59, $75,843.38, $5,108.19, and $4,171.41.

a. Did the Company provide audit staff with the electric usages associated with these adjustments?

Company Response: No. At the time of the audit, this information was not available.

b. If the response to a. is no, please submit the electric usage for the adjustments listed in Finding No. 1. If the Company is unable to provide the specific electric usages associated with the listed adjustments, please explain in detail how the listed amounts/adjustments were calculated.

Company Response: The electric usages and the calculations of the adjustments listed in Finding No. 1 are contained within the attached Attachment Rog 2(b) - Exhibit A.

Respondent: Curtis Young

[1]Document Nos. 02584-2022 and 02208-2022.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost recovery clause with generating performance incentive factor.	DOCKET NO. 20220001-EI DATED: June 16, 2022

DECLARATION

I hereby certify and affirm that I sponsored the Company's responses to the STAFF'S SECOND SET OF INTERROGATORIES TO FLORIDA PUBLIC UTILITIES COMPANY, No. 2 in Docket No. 20220001-EI. The responses are true and correct to the best of my knowledge.

Under penalty of perjury, I declare that I have read the foregoing declaration and the interrogatory responses identified above, and that the facts stated therein are true.

Curtis D. Young

(Curtis D. Young), Declarant

Dated: June 16, 2022

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 52
PARTY: Staff Exhibit 52
DESCRIPTION: FPUC's Responses to Staff's Third Set of Interrogatories, Nos. 3-4. (Bates No. 00082-00087)

52

FPUC's Responses to Staff's Third Set of Interrogatories, Nos. 3-4.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost recovery clause with generating performance incentive factor.	DOCKET NO. 20220001-EI DATED: August 31, 2022

FLORIDA PUBLIC UTILITIES COMPANY'S
RESPONSES TO COMMISSION STAFF'S
THIRD SET OF INTERROGATORIES (NO. 3-4)

The Florida Public Utilities Company ("FPUC" or "Company"), hereby submits its Responses to the Third Set of Interrogatories (Nos. 3-4) served on the Company on August 11, 2022, by Commission Staff. The individual responses follow this cover sheet.

Respectfully submitted,

_____

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Attorneys for Florida Public Utilities Company

Interrogatory No. 3

INTERROGATORIES

1. Please refer to the Direct Testimony of Florida Public Utilities Company (FPUC or Company) witness Curtis Young, filed with the 2022 *Petition for Approval of Actual/Estimated True-Up Amount*, Schedule E-1b, for the following request.[1] Approximately half way thorough the schedule, directly under the line titled "Net Purchase Power," is an unidentified/unnamed series of costs that sum to $338,552 for the period. Please provide an amended schedule that specifically identifies the nature of this amount.

Company Response:

The previously unidentified / unnamed series of costs that sum to $338,552 for the period represent the monthly amortization of the COVID-19 regulatory asset. The settlement agreement, which was approved by the Commission on July 8, 2021, allows Florida Public Utilities Company to recover $2,085,759 of pandemic–related incremental expenses. Beginning with the factors established for the calendar year 2022, FPUC was allowed to amortize over two years and recover the allocated regulatory asset of approximately $1,354,120 for the electric division, through the Fuel and Purchased Power Cost Recovery Clause mechanism. The annualized amount, $677,060, is included among the Company's 2022 other fuel-related costs. The amended schedule that specifically identifies the nature of this amount is attached.

Respondent: Curtis D. Young

[1]Document No. 05044-2022.

Interrogatory No. 4

4. Please refer to the Direct Testimony of FPUC witness Curtis Young, filed with the 2021 *Petition for Approval of Actual/Estimated True-Up Amount*, page 3, lines 1-3 for the following request.[2] Here the witness states: "[t]he Company is expecting a transmission rebate from its purchase power supplier, FP&L for approximately $223,800 by year end and has included this amount in our 2021 true-up computation." Please provide a citation of where this adjustment can be located in any Company filing, i.e. the 2021 actual/estimated filing, the final true-up of 2021 (filed in 2022), etc.

Company response:

The transmission rebate from FP&L for approximately $223,800 is embedded in the July 2021 Estimated Transmission Charge of the 2021 actual/estimated filing Schedule E1-b. The ($13,759) is the net amount of the $210,041 estimated transmission charges for the month and the $223,800 transmission rebate from FP&L.

However, this rebate was not included in the Company's actual final 2021 true-up filing since the $223,836.14 rebate had not been received until January 2022.

Respondent: Curtis Young

[2]Document No. 08344-2021.

FLORIDA PUBLIC UTILITIES COMPANY

Schedule E-1b

CALCULATION OF CONSERVED POWER COSTS AND CALCULATION OF TRUE-UP AND INTEREST PROVISION-EXCLUDING GSLD1

ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2022 THROUGH DECEMBER 2022

BASED ON SIX MONTHS ACTUAL AND SIX MONTHS ESTIMATED

REVISED 8_24_2022

(EXCLUDES LINE LOSS , EXCLUDES TAXES)

CONSOLIDATED

			ACTUAL Jan 2022	ACTUAL Feb 2022	ACTUAL Mar 2022	ACTUAL Apr 2022	ACTUAL May 2022	ACTUAL Jun 2022	Estimated Jul 2022	Estimated Aug 2022	Estimated Sep 2022	Estimated Oct 2022	Estimated Nov 2022	Estimated Dec 2022	Total
Total System Sales - KWH			50,563,833	52,662,584	41,047,718	47,358,687	49,156,724	58,657,139	63,545,221	64,752,875	65,260,871	60,414,202	51,313,429	52,520,067	657,253,349
West-Rock Purchases - KWH			900,000	1,810,000	370,000	460,000	440,000	320,000	190,000	350,000	590,000	320,000	530,000	440,000	6,720,000
Rayonier Purchases - KWH - On Peak			131,226	133,273	74,175	130,387	66,673	40,326	28,756	36,400	72,688	136,360	142,716	80,528	1,073,508
Rayonier Purchases - KWH - Off Peak			316,639	241,039	90,420	417,204	343,772	186,656	73,944	93,600	186,912	350,640	366,984	207,072	2,874,882
Eight Flags Purchases - KWH - KWH			12,748,671	11,807,895	13,073,484	13,164,892	13,222,346	12,069,632	14,300,000	13,100,000	14,700,000	14,600,000	13,900,000	14,700,000	161,386,920
FPL Purchases - KWH			18,425,776	13,205,121	13,122,513	12,633,789	19,067,131	25,550,860	25,191,871	26,054,355	24,053,431	19,035,033	15,309,443	12,167,266	223,816,590
Gulf Purchases - KWH			27,750,147	21,236,994	20,777,653	20,560,932	25,823,162	31,560,592	26,937,910	28,356,162	28,920,884	28,992,878	23,629,956	27,551,203	312,098,473
Generation Demand - KW - FPL			66,392	55,751	41,596	58,892	48,279	79,187	73,867	76,617	73,459	56,954	41,977	56,139	729,109
Generation Demand - KW - Gulf			66,389	62,845	51,801	44,465	56,855	68,127	62,800	63,800	61,500	51,800	47,200	65,100	702,682
Transmission Demand - KW - FPL			73,677	48,594	27,453	58,998	38,902	86,735	69,400	70,200	69,200	48,400	39,600	71,600	702,759
Transmission Demand - KW - Southern			55,120	0	0	0	0	0	25,500	25,300	23,900	24,200	24,200	24,800	203,020
Purchased Power Rates:															
West Rock Fuel Costs - $/KWH			0.03880	0.03992	0.11288	0.04439	0.06417	0.09792	0.04824	0.04824	0.04824	0.04824	0.04824	0.04824	
Rayonier Energy Charge - On Peak - $/KWH			0.03491	0.03442	0.03442	0.03524	0.11374	0.07633	0.05531	0.05531	0.05531	0.04799	0.05130	0.05130	
Rayonier Energy Charge - Off Peak - $/KWH			0.03248	0.03195	0.03195	0.03208	0.09328	0.13311	0.05531	0.05531	0.05531	0.04799	0.05130	0.05130	
Eight Flags Charge - $/KWH			0.11754	0.15133	0.13666	0.10760	0.15120	0.17457	0.14346	0.14346	0.14346	0.14346	0.15050	0.19993	
Base Fuel Costs - $/KWH - FPL			0.03554	0.04933	0.04597	0.04309	0.05094	0.06515	0.04977	0.05043	0.05030	0.04909	0.05030	0.04431	
Base Fuel Costs - $/KWH GULF		0.9815	0.03923	0.03974	0.03961	0.05167	0.06687	0.07276	0.04207	0.04284	0.04360	0.04393	0.04231	0.04349	
Energy Charge - $/KWH - FPL			0.00212	0.00235	0.00237	0.00236	0.00216	0.00198	0.00211	0.00208	0.00205	0.00211	0.00219	0.00233	
Demand and Non-Fuel:															
Demand Charge - $/KW - FPL			6.40977	6.65626	7.11797	6.56936	6.85940	6.23122	6.30189	6.26412	6.30774	6.61428	7.10103	6.63407	
Demand Charge - $/KW - Gulf			7.84154	7.98768	8.57136	9.11933	8.27612	7.77543	7.98965	7.94671	8.04756	8.57143	8.89513	7.89286	
Distribution Facility Charge			5.09680	5.09680	5.82600	5.82600	5.82600	5.82600	5.82600	5.82600	5.82600	5.82600	5.82600	5.82600	
Transmission Charge $/KW - FPL			2.49638	3.16551	3.21568	2.83813	3.04149	2.73832	2.97966	2.97966	2.97966	2.97966	2.97966	2.97966	
Transmission Charge $/KW - Southern			3.01632	3.01632	3.01631	3.01635	3.06438	3.31430	2.17647	2.13805	1.94602	1.76038	1.16505	1.82440	
Purchased Power Costs:															
West-Rock Fuel Costs			34,916	72,253	41,764	20,418	28,233	31,335	9,166	16,884	28,462	15,437	25,567	21,226	345,661
Rayonier Standby Costs			14,865	12,288	5,441	17,980	39,651	27,924	5,680	7,189	14,358	23,371	26,147	14,754	209,648
Eight Flags			1,498,433	1,786,942	1,786,608	1,416,551	1,999,213	2,107,046	2,051,478	1,879,326	2,108,862	2,094,516	2,091,950	2,938,971	23,759,896
Gulf Base Fuel Costs			1,088,556	843,868	823,006	1,062,371	1,726,885	2,296,315	1,133,224	1,214,897	1,260,841	1,273,721	999,787	1,198,220	14,921,691
FPL Base Fuel Costs			654,879	651,376	603,214	544,337	971,317	1,664,689	1,253,703	1,314,003	1,209,870	934,387	770,051	539,088	11,110,914
Gulf/FPL Fuel Adjustment			97,958	80,999	80,424	78,224	96,796	113,329	110,084	113,000	108,851	101,353	85,219	92,612	1,158,849
Subtotal Fuel Costs			3,389,607	3,447,726	3,340,457	3,139,881	4,862,095	6,240,638	4,563,335	4,545,299	4,731,244	4,442,785	3,998,721	4,804,871	51,506,659
Demand and Non-Fuel Costs:	Demand Capacity Charge		946,150	873,079	740,084	792,374	801,704	1,023,149	967,249	986,941	958,285	820,707	717,927	886,252	10,513,901
	Distr. Fac. Charge-Gulf		302,935	299,779	300,013	299,729	217,103	301,112	329,169	328,004	319,847	321,595	321,594	325,091	3,665,971
	Customer Charges		4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	48,000
	Transmission Charge		(39,910)	153,825	88,280	167,444	118,320	237,508	206,788	209,172	206,192	144,215	117,995	213,344	1,823,173
Subtotal Demand & Non-Fuel Costs			1,213,175	1,330,683	1,132,377	1,263,547	1,141,127	1,565,769	1,507,206	1,528,117	1,488,324	1,290,517	1,161,516	1,428,687	16,051,045
Total System Purchased Power Costs			4,602,782	4,778,409	4,472,834	4,403,427	6,003,222	7,806,407	6,070,541	6,073,416	6,219,568	5,733,302	5,160,237	6,233,558	67,557,703
Less Direct Billing To GSLD1 Class:	Demand		146,953	15,778	17,231	59,304	47,821	13,987	799	24,526	3,195	0	7,729	16,797	354,119
	Commodity		103,355	123,045	67,032	40,675	17,811	39,813	142,894	186,169	182,113	249,989	366,484	225,651	1,745,031
Net Purchased Power Costs			4,352,475	4,639,586	4,388,571	4,303,449	5,937,590	7,752,607	5,926,848	5,862,721	6,034,260	5,483,313	4,786,024	5,991,110	65,458,553
	COVID-19 Reg Asset amort.				0	0	0	0	56,422	56,422	56,422	56,422	56,422	56,422	338,532
	Special Costs*		14,063	13,177	22,541	5,836	46,358	17,201	17,850	17,850	19,300	17,850	17,850	20,300	230,177
Total Costs and Charges			4,366,538	4,652,763	4,411,112	4,309,285	5,983,947	7,769,808	6,001,120	5,936,993	6,109,982	5,557,585	4,860,296	6,067,832	66,027,262
Sales Revenues - Fuel Adjustment Revenues:															
RS<	0.06984	**0.08435**	1,248,784	1,307,473	1,120,845	1,118,341	1,173,731	1,375,190	1,449,180	1,743,446	1,744,981	1,692,309	1,482,883	1,529,528	16,986,691
RS>	0.08233	**0.09684**	564,391	702,960	272,146	275,732	372,456	796,474	991,999	1,146,667	1,125,577	730,398	398,855	478,570	7,856,226
GS	0.07384	**0.08846**	313,855	320,221	275,939	299,689	316,241	404,783	379,860	475,460	479,297	484,288	393,557	414,595	4,557,784
GSD	0.06790	**0.08275**	810,627	770,813	743,192	834,164	857,608	1,030,086	1,064,818	1,359,120	1,388,412	1,326,396	1,185,322	1,249,873	12,620,431
GSLD	0.06526	**0.08026**	441,636	348,970	364,058	398,823	379,430	462,587	499,925	612,825	648,347	641,873	528,208	588,769	5,915,452
LS	0.04953	**0.06542**	30,047	30,044	30,096	30,186	29,846	29,989	31,161	41,005	41,341	41,319	40,985	40,693	416,712
Unbilled Fuel Revenues			(63,823)	190,884	(236,547)	(94,727)	439,242	171,155	0	0	0	0	0	0	406,185
Total Fuel Revenues (Excl. GSLD1)			3,345,517	3,671,365	2,569,730	2,862,209	3,568,554	4,270,264	4,416,943	5,378,523	5,427,955	4,916,583	4,029,810	4,302,028	48,759,480
GSLD1 Fuel Revenues	.17197		250,308	138,823	84,263	99,979	65,632	53,800	143,693	210,695	185,308	249,989	374,213	242,448	2,099,150
Non-Fuel Revenues			3,182,802	3,280,960	2,769,978	2,882,830	2,931,672	2,582,841	2,758,327	2,460,936	2,404,991	1,774,794	1,837,713	2,343,379	31,211,222
Total Sales Revenue			6,778,627	7,091,147	5,423,971	5,845,017	6,565,858	6,906,905	7,318,963	8,050,153	8,018,254	6,941,367	6,241,736	6,887,855	82,069,853
KWH Sales:	RS<		18,284,936	19,123,008	16,471,544	16,408,065	17,204,455	20,098,709	20,749,996	20,669,362	20,687,561	20,063,120	17,580,267	18,133,268	225,474,291
	RS>		6,855,113	8,538,252	3,289,155	3,355,668	4,523,901	9,671,691	12,049,061	11,840,807	11,623,024	7,542,299	4,118,691	4,941,846	88,349,508
	GS		4,318,888	4,402,693	3,802,918	4,124,579	4,348,747	5,547,905	5,144,366	5,375,083	5,418,462	5,474,878	4,449,166	4,687,008	57,094,692
	GSD		12,164,409	11,578,075	11,171,290	12,511,069	12,856,335	15,396,474	15,682,148	16,424,330	16,778,309	16,028,879	14,324,065	15,104,126	170,019,508
	GSLD		6,880,388	5,460,495	5,691,694	6,224,381	5,927,231	7,201,408	7,660,508	7,635,283	8,077,859	7,997,206	6,581,025	7,335,573	82,673,050
	GSLD1		1,440,000	2,940,000	0	4,112,000	3,680,000	122,000	1,630,000	2,181,250	2,043,750	2,676,250	3,633,750	1,696,250	26,155,250
	LS		620,099	620,061	621,117	622,925	616,055	618,952	629,143	626,761	631,907	631,569	626,464	621,996	7,487,050
Total KWH Sales			50,563,833	52,662,584	41,047,718	47,358,687	49,156,724	58,657,139	63,545,221	64,752,875	65,260,871	60,414,202	51,313,429	52,520,067	657,253,349
True-up Calculation (Excl. GSLD1):															
Fuel Revenues			3,345,517	3,671,365	2,569,730	2,862,209	3,568,554	4,270,264	4,416,943	5,378,523	5,427,955	4,916,583	4,029,810	4,302,028	48,759,480
True-up Provision - collect/(refund)			(188,123)	(188,123)	(188,123)	(188,123)	(188,123)	(188,123)	(188,123)	758,063	758,063	758,063	758,063	758,063	2,473,457
Gross Receipts Tax Refund															0
Fuel Revenue			3,533,640	3,859,488	2,757,852	3,050,331	3,756,676	4,458,387	4,605,066	4,620,460	4,669,892	4,158,520	3,271,747	3,543,965	46,286,023
Net Purchased Power and Other Fuel Costs			4,366,538	4,652,763	4,411,112	4,309,285	5,983,947	7,769,808	6,001,120	5,936,993	6,109,982	5,557,585	4,860,296	6,067,832	66,027,262
True-up Provision for the Period			(832,898)	(793,276)	(1,653,260)	(1,258,954)	(2,227,271)	(3,311,422)	(1,396,055)	(1,316,533)	(1,440,090)	(1,399,065)	(1,588,549)	(2,523,867)	(19,741,239)
Interest Provision for the Period			(198)	(684)	(1,679)	(3,102)	(6,002)	(13,311)	(15,876)	(16,968)	(17,608)	(18,290)	(19,047)	(20,369)	(133,134)
Beginning of Period True-up and Interest Provision			(3,790,314)	(4,811,533)	(5,793,616)	(7,636,678)	(9,086,856)	(11,508,252)	(15,021,107)	(16,621,160)	(17,196,599)	(17,896,233)	(18,555,525)	(19,405,058)	(3,790,314)
True-up Collected or (Refunded)			(188,123)	(188,123)	(188,123)	(188,123)	(188,123)	(188,123)	(188,123)	758,063	758,063	758,063	758,063	758,063	2,473,457
Annual State Income Tax Savings															0
End of Period, Net True-up and Int. Prov.			(4,811,533)	(5,793,616)	(7,636,678)	(9,086,856)	(11,508,252)	(15,021,107)	(16,621,160)	(17,196,599)	(17,896,233)	(18,555,525)	(19,405,058)	(21,191,231)	(21,191,231)
Beginning True-up Amount			(3,790,314)	(4,811,533)	(5,793,616)	(7,636,678)	(9,086,856)	(11,508,252)	(15,021,107)	(16,621,160)	(17,196,599)	(17,896,233)	(18,555,525)	(19,405,058)	
Ending True-up Amount Before Interest			(4,811,335)	(5,792,932)	(7,634,999)	(9,083,754)	(11,502,250)	(15,007,796)	(16,605,284)	(17,179,631)	(17,878,625)	(18,537,235)	(19,386,011)	(21,170,862)	
Total Beginning and Ending True-up			(8,601,650)	(10,604,465)	(13,428,615)	(16,720,432)	(20,589,106)	(26,516,048)	(31,626,391)	(33,800,791)	(35,075,224)	(36,433,468)	(37,941,536)	(40,575,919)	
Average True-up Amount			(4,300,825)	(5,302,233)	(6,714,307)	(8,360,216)	(10,294,553)	(13,258,024)	(15,813,196)	(16,900,395)	(17,537,612)	(18,216,734)	(18,970,768)	(20,287,960)	
Average Annual Interest Rate			0.0550%	0.1550%	0.3000%	0.4450%	0.7000%	1.2050%	1.2050%	1.2050%	1.2050%	1.2050%	1.2050%	1.2050%	
Interest Provision			(198)	(684)	(1,679)	(3,102)	(6,002)	(13,311)	(15,876)	(16,968)	(17,608)	(18,290)	(19,047)	(20,369)	

10% Rule Interest Provision: -43.46%

* Includes: Consulting fees, Legal fees and Taxes on Company Use.

Exhibit No._____
DOCKET NO. 20220001-EI
Florida Public Utilities Compar
(Revised CDY-2)
Page 2 of 3

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost recovery clause with generating performance incentive factor.	DOCKET NO. 20220001-EI DATED: August 29, 2022

DECLARATION

I hereby certify and affirm that I sponsored the Company's responses to the STAFF'S THIRD SET OF INTERROGATORIES TO FLORIDA PUBLIC UTILITIES COMPANY, Nos. 3 - 4 in Docket No. 20220001-EI. The responses are true and correct to the best of my knowledge.

Under penalty of perjury, I declare that I have read the foregoing declaration and the interrogatory responses identified above, and that the facts stated therein are true.

Curtis D Young

(Curtis D. Young), Declarant

Dated: August 29, 2022

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 53
PARTY: Staff Exhibit 53
DESCRIPTION: FPUC's Responses to Staff's Fourth Set of Interrogatories, No. 5. (Bates No. 00088-00095)

53

FPUC's Responses to Staff's Fourth Set of Interrogatories, No. 5.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost recovery clause with generating performance incentive factor.	DOCKET NO. 20220001-EI DATED: October 10, 2022

FLORIDA PUBLIC UTILITIES COMPANY'S RESPONSES TO COMMISSION STAFF'S FOURTH SET OF INTERROGATORIES (NO. 5) AND FIRST REQUEST FOR PRODUCTION

The Florida Public Utilities Company ("FPUC" or "Company"), hereby submits its Responses to the Fourth Set of Interrogatories (No. 5) and First Request for Production of Documents served on the Company on September 19, 2022, by Commission Staff. The individual responses follow this cover sheet.

Respectfully submitted,

Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 South Monroe St., Suite 601
Tallahassee, FL 32301
(850) 521-1706
Attorneys for Florida Public Utilities Company

Interrogatory No. 5

INTERROGATORIES

5. Please refer to the Direct Testimony of Florida Public Utilities Company (FPUC or Company) witness Michelle D. Napier, page 6, lines 7-11, filed with the *Petition for Approval of Fuel Adjustment and Purchased Power Factors for 2023* (Petition), for the following request.[1]

a. What is the Company's (or parent organization) currently projected short-term debt cost rate?

RESPONSE:

Please see attached [Jan 1 2023 – Dec 31 2025 SOFR Forward Curve] file.

Respondent: Curtis D. Young

b. Has the Company already applied its currently projected short-term debt cost rate cost rate to the 2022 under-recovery of fuel costs?

RESPONSE:

No, the 2022 under-recovery of fuel costs were computed using the monthly Non-financial Commercial Paper rates.

Respondent: Curtis D. Young

[1]Document No. 05971-2022.

DOCUMENTS REQUESTED

1. Please provide a 12-month schedule detailing the 2023 commodity-only price of natural gas used to develop the Petition.

RESPONSE: There are no responsive documents. FPUC used its current power purchase agreements to develop its Petition.

Secured Overnight Financing Rate (SOFR)
Forward Curve
August 30, 2022

	2023 January	2023 February	2023 March	2023 April	2023 May	2023 June	2023 July	2023 August	2023 September	2023 October	2023 November	2023 December	2024 January
SOFR	3.69%	3.77%	3.81%	3.85%	3.84%	3.83%	3.82%	3.78%	3.59%	3.59%	3.59%	3.59%	3.59%
Spread	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%
All-in-Rate	**4.49%**	**4.57%**	**4.61%**	**4.65%**	**4.64%**	**4.63%**	**4.62%**	**4.58%**	**4.39%**	**4.39%**	**4.39%**	**4.39%**	**4.39%**

20220001-EI Staff Hearing Exhibits 00092

2024 February	2024 March	2024 April	2024 May	2024 June	2024 July	2024 August	2024 September	2024 October	2024 November	2024 December	2025 January	2025 February	2025 March
3.59%	3.25%	3.20%	3.20%	3.20%	3.20%	3.20%	2.91%	2.88%	2.88%	2.88%	2.88%	2.88%	2.88%
0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%
4.39%	**4.05%**	**4.00%**	**4.00%**	**4.00%**	**4.00%**	**4.00%**	**3.71%**	**3.68%**	**3.68%**	**3.68%**	**3.68%**	**3.68%**	**3.68%**

2025 April	2025 May	2025 June	2025 July	2025 August	2025 September	2025 October	2025 November	2025 December
2.88%	2.88%	2.88%	2.88%	2.88%	2.68%	2.66%	2.66%	2.66%
0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%
3.68%	**3.68%**	**3.68%**	**3.68%**	**3.68%**	**3.48%**	**3.46%**	**3.46%**	**3.46%**

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost recovery clause with generating performance incentive factor.	DOCKET NO. 20220001-EI DATED: October 3, 2022

DECLARATION

I hereby certify and affirm that I sponsored the Company's responses to the STAFF'S FOURTH SET OF INTERROGATORIES TO FLORIDA PUBLIC UTILITIES COMPANY, No. 5 in Docket No. 20220001-EI. The responses are true and correct to the best of my knowledge.

Under penalty of perjury, I declare that I have read the foregoing declaration and the interrogatory responses identified above, and that the facts stated therein are true.

Curtis D. Young

(Curtis D. Young), Declarant

Dated: October 3 2022

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 54
PARTY: Staff Exhibit 54
DESCRIPTION: TECO's Responses to Staff's First Set of Interrogatories, No. 1. (Bates No. 00096-00099)

54

TECO's Responses to Staff's First Set of Interrogatories, No. 1.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
STAFF'S FIRST SET OF INTERROGATORIES
INTERROGATORY NO. 1
BATES PAGE(S):1-2
FILED: AUGUST 31, 2022

1. Please refer to the Direct Testimony of witness of John C. Heisey, Exhibit No. JCH-2, and Florida Public Service Commission (Commission) Order No. PSC-08-0667-PAA-EI (Order), for the following request. Listed on "Attachment B" of the Order are the items or components of a Risk Management Plan with respect to fuel procurement. Regarding Exhibit No. JCH-2 attached to witness Heisey's testimony, please specifically identify what portions or sections of Exhibit No. JCH-2 correspond to items 1-9, and 13-15 listed on Attachment B of the Commission's Order.

A. The following items 1-9, and 13-15 of "Attachment B" in Florida Public Service Commission (Commission) Order No. PSC-08-0667-PAA-EI (Order) and the corresponding items or components of Exhibit No. JCH-2 are listed below:

1. Identify overall quantitative and qualitative risk management objectives:
   a. Section I
2. Identify minimum quantity of fuel to be hedged:
   a. Not applicable
3. Identify and quantify each risk, general and specific, that the utility may encounter with its fuel procurement:
   a. Section III
4. Describe the utility's oversight of its fuel procurement activities:
   a. Section II
5. Verify that the utility provides its fuel procurement activities with independent and unavoidable oversight:
   a. Section II.B-D
6. Describe the utility's corporate risk policy regarding fuel procurement activities:
   a. Section II.A
7. Verify that the utility's corporate risk policy clearly delineates individual and group transaction limits and authorizations for all fuel procurement activities:
   a. Section II.B&E
8. Describe the utility's strategy to fulfill its risk management objectives:
   a. Section IV
9. Verify that the utility has sufficient policies and procedures to implement its strategy:
   a. Section II and Section IV.A.6-7
13. Describe the utility's reporting system for fuel procurement activities:
   a. Section II.B-D and G, Section IV.A.7

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
STAFF'S FIRST SET OF INTERROGATORIES
INTERROGATORY NO. 1
BATES PAGE(S):1-2
FILED: AUGUST 31, 2022

14. Verify that the utility's reporting system consistently and comprehensively identifies, measures, and monitors all forms of risk associated with fuel procurement activities:
    a. Section II.B-D and G, Section IV.A.7

15. If the utility has current limitations in implementing certain hedging techniques that would provide a net benefit to ratepayers, provide the details of a plan for developing resources, policies, and procedures for acquiring the ability to use effectively the hedging technique.
    b. Not applicable

AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF HILLSBOROUGH)

Before me the undersigned authority personally appeared John Heisey who deposed and said that he is Director, Origination and Trading, Tampa Electric Company, and in Tampa Electric Company's response to Staff's 1st Set of Interrogatories (No.1), he prepared or assisted with the responses to these interrogatories to the best of his information and belief.

Dated at Tampa, Florida this 23rd day of August 2022.

Sworn to and subscribed before me this 23RD day of August 2022.

Tyronda R. Nelson

Notary Public State of Florida
Tyronda R Nelson
My Commission HH 285797
Expires 7/10/2026

My Commission expires _____

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 55
PARTY: Staff Exhibit 55
DESCRIPTION: TECO's Responses to Staff's Second Set of Interrogatories, No. 2. (Bates No. 00100-00105)

55

TECO's Responses to Staff's Second Set of Interrogatories, No. 2.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
STAFF'S SECOND SET OF INTERROGATORIES
INTERROGATORY NO. 2
BATES PAGE(S): 1 - 4
FILED: SEPTEMBER 27, 2022

2. Please refer to TECO's Response to OPC's First Interrogatories, Nos. 22 and 23 including supplemental responses.

a. Provide a full timeline of the November 2021 Polk Unit 1 outage event from the commencement of the outage to the time that the unit returned to service.

b. Would preventative maintenance have prevented this outage? If not, explain why not. As a part of this response, explain the preventative maintenance procedures that TECO had in place at the time of the event and whether they were followed.

c. Provide the age of the Syngas Block Valve (VS4-2), Syngas Control Valve (VGC1) and Syngas Purge Air isolation valve (WW-23). As a part of this response, describe the manufacturer's recommended replacement/maintenance schedule for each part and TECO's internal replacement/maintenance schedule for each part when the outage occurred.

d. Provide the full maintenance schedule of the Syngas Block Valve, Syngas Control Valve and Syngas Purge Air isolation valve. As a part of this response, explain if this maintenance schedule met either the manufacturer's recommended replacement/maintenance schedule or TECO's internal replacement/maintenance schedule when the outage occurred. If not, explain why the procedure was not followed.

e. Explain why the labeling of valve WW-23 was burned off from the heat in compartment.

f. Explain why the color deviated from the labelling associated with normal water wash practice for valve WW-23.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
STAFF'S SECOND SET OF INTERROGATORIES
INTERROGATORY NO. 2
BATES PAGE(S): 1 - 4
FILED: SEPTEMBER 27, 2022

A.

a. Please see below for a full timeline of the November Polk Unit 1 outage event.

Date	Event
11/29/2021	Attempted start (3rd Stage Bucket liberation)
11/30/2021	GE contacted for estimates to get unit on the half shell.
12/1/2021	Formal RCA initiated
12/7/2021	Executed agreement with GE for opening of CT
12/8/2021	Mobilization of GE resources (3 days and nights)
12/11/2021	-Replacement identified of 3rd stage hardware -Removal of Turbine components started
12/16/2021	Exhaust frame identified as need of replacement
12/30/2021	Exhaust frame delivered
1/13/2022	Executed agreement for reassembly, reassembly started
2/16/2022	Reassembly and air leak test successful
2/27/2022	Instrumentation install and pre-startup checks
3/10/2022	Return to Service

b. Tampa Electric is unable to state whether or not preventative maintenance would have prevented this outage. The syngas system was placed in layup prior to this incident since the unit was burning natural gas for an extended period. This involved use of a nitrogen blanket, filling the piping and valves with nitrogen gas to preserve equipment and prevent corrosion. At the time, there were no leaks for Valves VS4-2 and VGC1. The company performed preventative maintenance by exercising the valves during outages. The only additional maintenance that the company could have performed would have been to remove the valves and perform full overhauls. Since the valves were no longer exercised while in operation and remained in the closed position, it was thought not to be necessary to remove the valves and perform full overhauls. Since the incident, the system has now been "air gapped" and the valve fully removed with flanges installed, and the valve saved to reinstall if the need arise.

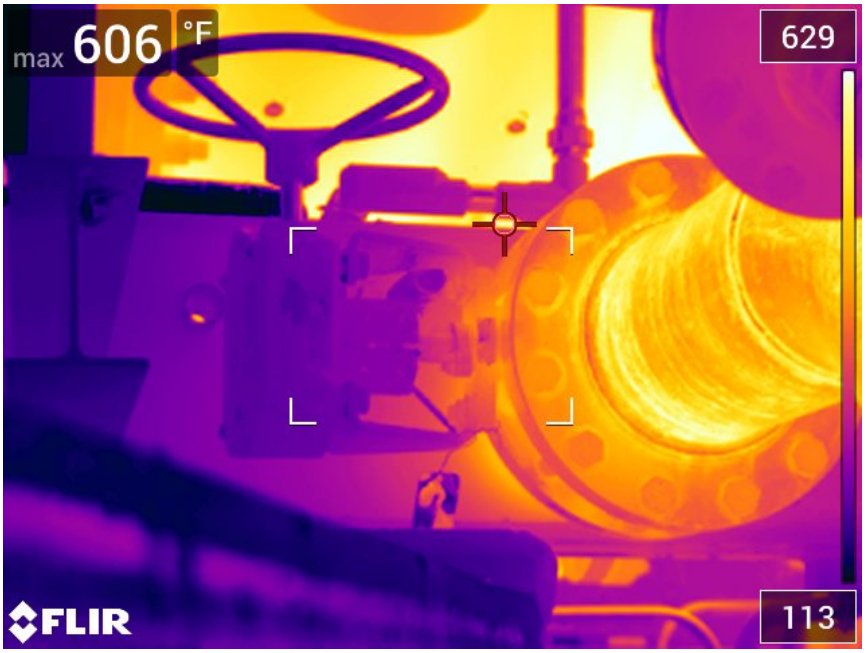
c. VS4-2, VGC1, and WW-23 were original valves dating from when Unit 1 was constructed in 1995. The valves are approximately 27 years old. The

company has performed repairs and overhauls on the valves since installation, including valve removal for overhaul. The valve manufacturer does not have a prescribed maintenance schedule; however, the manufacturer recommends that "valve parts subject to normal wear must be inspected and replaced as necessary. The frequency of inspection and replacement depends upon the severity of service conditions."

Removal and overhaul of a non-cycling valve was not believed to be necessary as it remained in the closed position during operation and was only exercised during outages. Tampa Electric monitored process conditions such as valve position vs flow, buffer pressure (indication of excess leak if buffer pressure drops) and performed visual inspection on the actuators for fluid leaks and seal leaks during outages.

d. Yes, Tampa Electric followed its internal maintenance schedule as overhauls were performed based on the monitoring above. Additionally, please see Tampa Electric's response to Interrogatory 2 (c), above.

e. The heat in the compartment, an enclosed area below the turbine, reach 600 degrees Fahrenheit. Since valve WW-23 is in the vicinity of the combustion turbine casing, the labeling was burned off. The picture below displays the location of the valve and the temperature around it.



f. A portion of the valve was not fully painted. The valve was painted for full visibility from the most common entry point to the compartment. When personnel enter the compartment from an unusual and more difficult access point, the water wash labelling was not apparent. Hard permanent field tagging is being implemented to ensure visibility regardless of the entry point into the compartment.

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DECLARATION

I sponsored the answers to Interrogatories No. 2 from Staff's 2nd Set of Interrogatories to Tampa Electric Company in Docket No. 20220001-EI, and the responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.

DocuSigned by:

/s/ Ashley Sizemore
0AE30E39BE714DE...

M. Ashley Sizemore
Manager, Rates

Date: 9/27/2022

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 56
PARTY: Staff Exhibit 56
DESCRIPTION: TECO's Responses to OPC's First Set of Interrogatories, Nos. 3-6, 15, 16, 18-19, 22-25. (Including ...

56

TECO's Responses to OPC's First Set of Interrogatories, Nos. 3-6, 15, 16, 18-19, 22-25. Including Supplemental for Response No. 23.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST SET OF INTERROGATORIES
INTERROGATORY NO. 3
BATES PAGE: 3
FILED: APRIL 8, 2022

Please reference the June 2021 GPIF Actual Unit Performance Data Report in responding to the following:

3. Please explain in detail the unplanned forced outage that began on June 10, 2021.

A. As described in the company's response Interrogatory 2, above, Polk Unit 1 was scheduled for a planned outage that started on May 19, 2021. The primary activities during the outage were a combustion hardware inspection and generator heater replacement. The outage concluded on June 10, 2021. The company was not aware of any operational issues with the generator prior to the outage. The company last inspected the generator in 2015 and found no significant issues at that time. During the May 19, 2021 planned outage, when replacing the generator heaters, access into the generator was from the collector end only. Since both end-bells were off, the management team determined it would be prudent to remove the upper inner gas baffles on both ends to permit limited inspection of the stator winding end turns and rotor. The collector end of the machine appeared normal. Inspection of the turbine end revealed an object in the air gap between the stator and rotor that was black in color and tested as magnetic.

The discovery of debris required the rotor to be pulled which was unplanned. The purpose of the unplanned outage starting June 10, 2021 was to replace the winding as well as the damaged core iron that was discovered in the planned outage. The resulting unplanned outage commenced on June 10, 2021 and continued through October 2, 2021.

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4. Please identify all documents related to any and all root cause analyses (or the functional equivalent, regardless of title), including drafts and related commentary and/or correspondence, involving the unplanned forced outage occurring at Polk 1 beginning on June 10, 2021.

A. Tampa Electric has requested the final outage and repair report from General Electric regarding the unplanned forced outage of Unit 1 Generator. The documents listed below are related to the outage and produced in response to OPC's First Request for Production of Documents, Request No. 1:

- 7F Users Group Presentation, Generator Stator Core Discovery.pdf (BS pages 11 – 43)
- CT1 Generator Correspondence 6-10 through 10-2 (BS pages 44 – 243)
- PK Unit 1 GenSchedule.pdf (BS pages 244 – 247)
- TECO Polk CT1 Generator – ER case on Stator Damaged Noted.msg (BS pages 248 – 254)

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5. Please identify the amount of replacement power cost attributable to unplanned forced outage(s) of Polk 1 in June 2021. Please also identify the workpapers calculating such replacement power costs.

A. To evaluate the Polk Unit 1 outage impact on fuel and purchased power costs, the Tampa Electric ("TEC") system was modeled using the Planning & Risk ("PaR") production cost model developed by Hitachi. The PaR production cost model is utilized at TEC in the evaluation of long-term planning, project evaluation and to prepare the annual, projected fuel and purchased power factor filing.

The evaluation compared a base case to a change case and the delta represents the TEC replacement power costs attributed to the Polk Unit 1 outages. The model includes unit heat rates, variable O&M, start costs and any operational parameters that impact the economic commitment and dispatch of the units. Actuals for fuel prices, power market pricing, load, solar generation, reserves, purchased power agreements and forced and planned outages were utilized as PaR inputs to best estimate replacement power costs from Polk Unit 1 not being available to run.

The base case includes Polk Unit 1 as available for commitment and dispatch from June 10, 2021 through December 31, 2021. The PaR model run for the period above includes the actual company generating resources previously stated and other resources that commit and dispatch economically, each hour, to meet load and reserves. The PaR model outputs were summed for each month and are displayed below, for the period June 10,2021 through October 31, 2021, as Base Case Fuel and Purchased Power Costs.

The change case includes Polk Unit 1 offline June 10, 2021 to October 2, 2021 and November 29, 2021 to December 31, 2021 to represent the combustion inspection and water induction outages. The PaR model outputs were summed for each month and are displayed below as Change Case Fuel and Purchased Power Costs. The cost delta between the two runs resulted in the monthly TEC Replacement Power Costs attributed to the Polk Unit 1 outages.

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The table below reflects the replacement power costs for the first period referenced above.

2021 (6/10/21-10/31/21)

Base Case Fuel and Purchased Power Costs ($000)

June	July	August	September	October	Total
$ 63,192	$ 76,706	$ 83,925	$ 81,354	$ 94,967	$ 400,144

Change Case Fuel and Purchased Power Costs ($000)

June	July	August	September	October	Total
$ 63,214	$ 77,262	$ 84,399	$ 81,354	$ 94,974	$ 401,203

TEC Replacement Power Costs ($000)

June	July	August	September	October	Total
$ 22	$ 556	$ 474	$ -	$ 7	$ 1,059

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INTERROGATORY NO. 6
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Please reference the July 2021 GPIF Actual Unit Performance Data Report in responding to the following:

6. Please explain if the outage beginning on July 1, 2021 was a continuation of the outage that began on June 10, 2021.

A. The outage that began on July 1, 2021 is a continuation of the outage that started on June 10, 2021.

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INTERROGATORY NO. 15
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15. Please explain in detail the unplanned forced outages that began on September 1, 2021 and September 29, 2021.

A. September 1, 2021 to September 29, 2021 was a continuation of the outage that started on June 10, 2021. Start-up efforts commenced on September 29, 2021. During this process the HP drum level control valve began to leak at the body to bonnet joint. As a result, the previous forced outage was extended. The combustion turbine ("CT") was shut down until midnight on September 30, 2021 to facilitate a safe repair on the HRSG system.

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16. Please identify all documents related to any and all root cause analyses (or the functional equivalent, regardless of title), including drafts and related commentary correspondence, involving the unplanned forced outages occurring at Polk 1 beginning on September 1, 2021 and September 29, 2021.

A. The documentation regarding the September 29, 2021 unrelated forced shutdown that extended the outage is listed below. This outage began when the HP drum level control valve began to leak at the body to bonnet joint. Due to the limited scope of work needed to make the repair a root cause analysis was not warranted.

- Work Order 2804521.pdf (BS pages 255 – 256)

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Please reference the October 2021 GPIF Actual Unit Performance Data Report in responding to the following:

18. Please explain if any of Polk 1's unplanned forced outage events in the month of October were related in any way to the outage that began on June 10, 2021.

A. The cause of the forced shutdown on September 29, 2021, was unrelated to the outage that began on June 10, 2021 but led to the outage being extended. The forced shutdown occurred on plant start up, where the HP drum level control valve began to leak at the body to bonnet joint. The CT was shut down to facilitate safe repair. Due to the limited scope of work needed to make the repair a root cause analysis was not warranted.

The previous outage start-up resumed after the valve was repaired. The unit was made available at approximately 12 p.m. on October 2, 2021.

There was an un-related outage on October 23, 2021, where during Polk Unit 1 CT circuit breaker testing, the mechanical linkage that operates internal switches failed, and required replacement. Due to the limited scope of work needed to make the repair a root cause analysis was not warranted.

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19. Please explain in detail the reason for each of Polk 1's unplanned forced outage events in October 2021.

A. On October 23, 2021, during Polk Unit 1 CT circuit breaker testing, the mechanical linkage that operates internal switches failed, and required replacement.

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INTERROGATORY NO. 22
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Please reference the November 2021 GPIF Actual Unit Performance Data Report in responding to the following:

22. Please provide a detailed explanation for the unplanned forced outage beginning on November 29, 2021.

A. On November 29, 2021, Polk Unit 1 was called to start and during the process of putting Polk Unit 1 on-line, the combustion turbine experienced heavy vibrations and the unit shut down before going on-line. Upon inspection, damage was found on the 3rd stage buckets, exhaust frame, and associated hardware. The duration of the outage, to make reliable repairs, lasted until March 10, 2022. Upon returning the unit to service additional monitoring and data analysis was performed. Due to nature of the outage, the root cause analysis of this failure is still ongoing.

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INTERROGATORY NO. 23
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23. Please identify all documents related to any and all root cause analyses (or the functional equivalent, regardless of title), including drafts and related commentary and/or correspondence, involving the unplanned forced outage occurring at Polk 1 in November 2021.

A. The root cause analysis of the Polk Unit 1 November 29, 2021 forced outage is still ongoing. The associated documents provided are in a draft state and are subject to change based on the final root cause analysis results. Additional data is now being captured and analyzed with the unit safely returned to service on March 10, 2022.

To that end, the following documents are listed below:

-CT1 RCA Daily Update Meeting correspondence (BS pages 259 – 260)

-RCA Correspondence (BS pages 261, 266 – 270, 272 – 274, 277)

-RCA Polk Unit 1 Turbine DRAFT.docx (BS pages 262 – 265)

-CT1 Water Ingestion Flow Path DRAFT.pdf (BS page 271)

-Root Cause Tree CT1 Solutions DRAFT.pdf (BS page 275)

-Root Cause Tree CT1v4 DRAFT.pdf (BS page 276)

-GE RCA proposal Confidential (BS pages 278 – 286)

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INTERROGATORY NO. 24
BATES PAGE: 25
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24. Please identify the amount of replacement power cost attributable to unplanned forced outage(s) of Polk 1 in November 2021. Please also identify the workpapers calculating such replacement power costs.

A. The base case PaR run for December 2021 did not commit Polk Unit 1 during the month of November so the base and change case were the same resulting in no TEC Replacement Power Costs attributed to Polk Unit 1 outages during December.

The table below reflects the replacement power costs for the period November 1, 2021 through December 31, 2021, referenced in Tampa Electric's response to OPC's First Set of Interrogatories, No. 5 above.

.

2021 (11/1/21-12/31/21)		
Base Case Fuel and Purchased Power Costs ($000)		
November	December	Total
$ 76,290	$ 71,838	$ 148,129
Change Case Fuel and Purchased Power Costs ($000)		
November	December	Total
$ 76,290	$ 71,838	$ 148,129
TEC Replacement Power Costs ($000)		
November	December	Total
$ -	$ -	$ -

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INTERROGATORY NO. 25
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Please reference the December 2021 GPIF Actual Unit Performance Data Report 2021 in responding to the following:

25. Please explain if Polk 1's unplanned forced outage event in the month of December 2021 was related in any way to the outage that began on November 29, 2021.

A. The Polk Unit 1 unplanned forced outage in December 2021 was a continuation of the unplanned forced outage that started on November 29, 2021.

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SUPPLEMENTED: MAY 25, 2022

23. Please identify all documents related to any and all root cause analyses (or the functional equivalent, regardless of title), including drafts and related commentary and/or correspondence, involving the unplanned forced outage occurring at Polk 1 in November 2021.

A. The root cause analysis of the Polk Unit 1 November 29, 2021 forced outage is attached.

PK1 – Forced Major Outage High Potential
Date: 11/29/2021

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Polk Power Station

Type:	CT 1 Forced Outage
Date:	November 29th, 2021
Time:	0748
Location:	PPS Unit 1 Combustion Turbine
Contractor:	N/A
Job Task:	N/A
Environmental Conditions	Mild morning

Events Prior to the Incident

- Planned Outage: 05/19/2021- 06/03/2021
  - Water Wash: 05/20/2021
  - Emergent Work (Generator stator): 06/03/2021
  - Return to service: 10/02/2021
- Start up: 10/02/2021
  - Shutdown: 10/20/2021
- Planned Outage (Relay Testing): 10/20/2021 – 10/23/2021
  - Emergent work (GCB linkage): 10/232021
  - Return to service: 10/27/2021
- Planned Outage (Relay Testing): 10/31/2021 – 11/04/2021
- Start up: 11/05/2021
  - Shutdown: 11/18/2021
- Planned Outage (Nat. Gas Yard): 11/18/2021 – 11/21/2021
  - Return to service: 11/21/2021
- Attempted start (Bucket liberation): 11/29/2021
  - Forced Outage 11/29/2021 – 03/04/2022
  - Return to Service 03/05/2021
- Start-up: 03/07/2022
  - Shutdown: 03/07/2022

Incident - Sequence of Events

During start up on Polk 1, the combustion turbine was firing and approaching FSNL when the Compressor Discharge Air (CPD) Block valves, VS13-1 and VS13-2, opened as designed to provide cooling air to the syngas nozzles. Shortly after the CPD block valves opened, the unit tripped on high vibration and coasted down at what appears to be a typical coast down curve. Turning gear engaged and unit cooled down and shut off for inspection.

Events after the Incident

After the unit tripped, investigations started immediately. A maintenance specialist recalled a similar 2012 incident when Polk CT1 tripped on high vibrations due to the presence of water in the syngas header. It was determined for this specific instance that the water injection utilized for liquid fuel operations leaked within the fuel nozzles and made its way into the header. With this recollection, the syngas header was the first location to be investigated for water - a significant amount of water was discovered. The discovered water was tested and contained a pH level like demineralized water (~5 pH). Continuing to back track the source, water was also found upstream in the P2 cavity of the syngas skid, which had to leak by two valves (VS4-2 and VGC-2) to enter the syngas header. The P1 and P2 cavities are vented to the flare header. During the initial investigation, it was believed water had leaked by through the HRSG HP drum into the Nitrogen Blanket System (NBS) system, and ultimately into the syngas skid by way of the flare header. With one successful start-up (03/07/2021) after the repair outage (11/29/2021 – 03/04/2021) water was found in the syngas header again, with further discovery, it was later determined that steam injection (used for NOx control) leaked into the syngas header.

Observations (Facts)

- Polk 1 was called to start on 11/29/2021 at 0700
- Polk 1 tripped on high vibrations
- Water was found in the low point on the syngas header inside the compartment
- Water was found in the flare header connection in the syngas skid
- Source of water was a demineralized source
- 3rd stage buckets liberated from the turbine rotor
- Water wash valve WW-23 was found closed after second investigation
    - The labeling of the valve was burned off from the heat in compartment
    - Valve color deviated from the labelling associated with normal Water wash practice (Blue; Normally Closed – Red; Normally Open)

Injury / Damage

- No injuries occurred due to this event.
- 3rd stage buckets, nozzles, and shrouds were damaged, exhaust frame was damaged.
- 2nd stage Nozzles and buckets were replaced

- 1st stage Buckets were replaced
- Compressor blades and stators needed blending for minor tip curl and rubbing.
- Stage 16 Stator Vanes were replaced due to heavy rubs
- Bearing seals were replaced and hydrogen seals required inspection.
- Turbine/Generator bearings are planned on being inspected and refurbished if needed

Operational Factors

- CPD cooling air was valved out and stop valves were leaking by allowing water to accumulate in flare header to a level significant enough that upon shut down water drained back and filled the syngas header

Immediate Factors

- The Syngas Block Valve (VS4-2) and Syngas Control Valve (VGC1) allowed steam injection to leak by which created a large reservoir of water with enough head pressure to leak back into the syngas header while unit was shut down. (If these valves were functioning as designed it would have eliminated the ability of a large reservoir of water to accumulate during operation.)
- Syngas Purge Air isolation valve (WW-23) did not seal properly allowing steam to back flow into the syngas line and leak past the block valves, ultimately building a water reservoir in the flare header

Equipment Factors

- Gasification has been in short term reserve since September 2018
- Valve VS4-2 and VGC-1 were leaking by

Conclusion

- Several barriers were broken down to allow water to be ingested into the turbine
- Steam was able to leak by the syngas valves and create a reservoir of water in the P2 cavity and flare header
- During shut down water was able to then leak into the syngas header to allow water ingestion into CT1 while at FSNL operation.
- The flow around WW-23 was enough to push water from the syngas header into the turbine
- When water was introduced to the CT nozzles, the sudden expansion to steam significantly increased the system's mass flow, causing severe stress and catastrophic failure to the 3rd stage buckets

Recommendations

- See additional information

Additional Information

Pictures

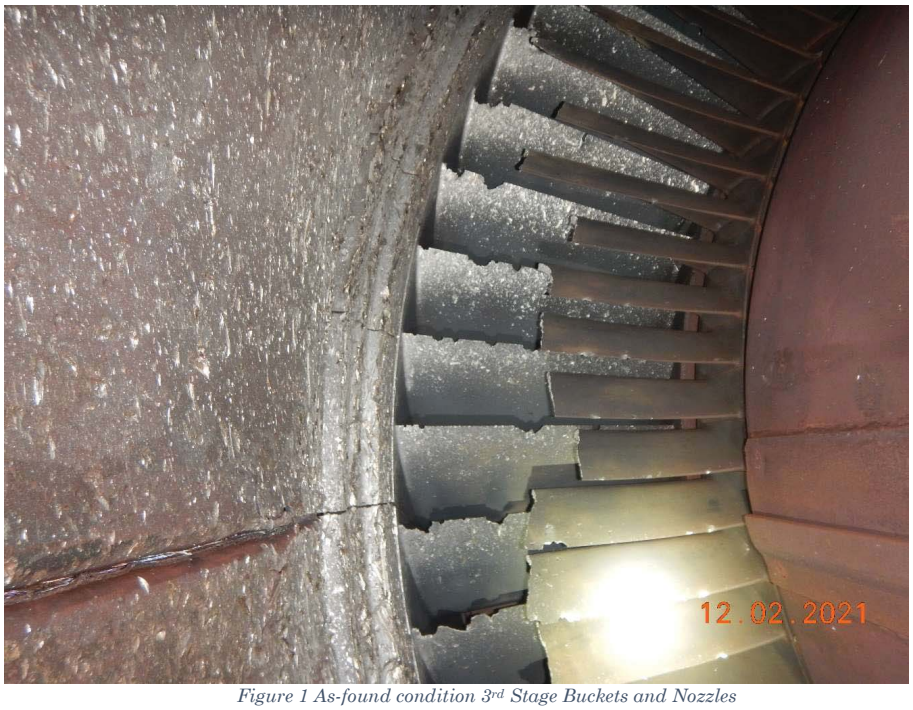

Figure 1 As-found condition 3rd Stage Buckets and Nozzles

Figure 2 Metal fragments from 3rd stage buckets and nozzles

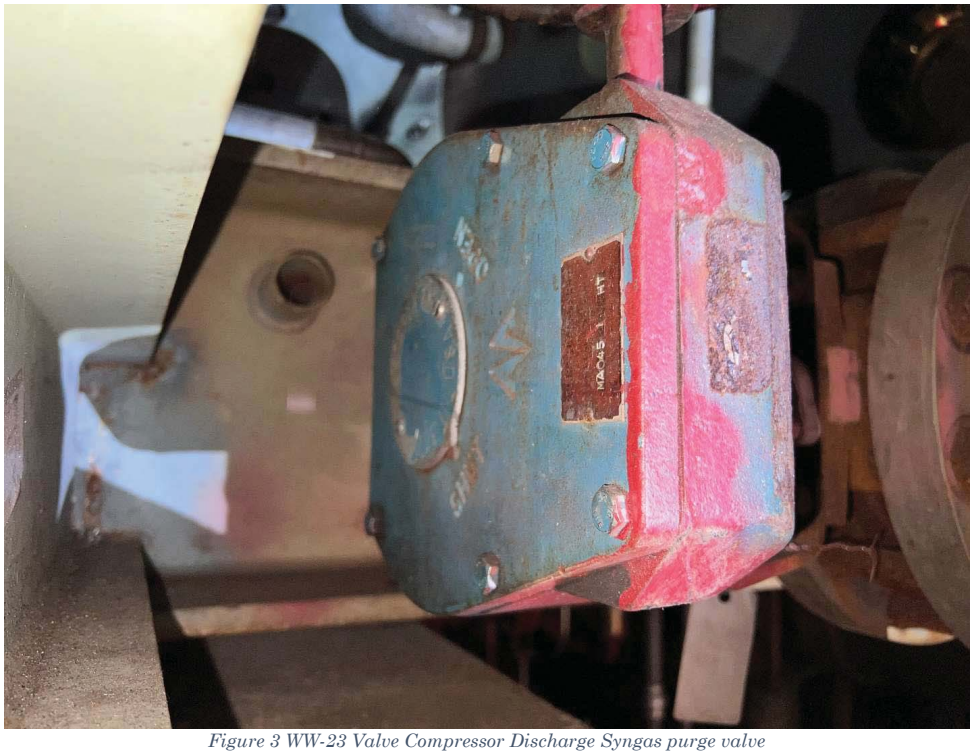

Figure 3 WW-23 Valve Compressor Discharge Syngas purge valve

Polk 1 Forced Outage

TECO AN EMERA COMPANY

Location of Incident: Polk Power Sation
Date of Incident: 11/29/2021

Version Number: 4
Version Date: December 9, 2021

Cause Mapping®
Problem Solving • Incident Investigation • Root Cause Analysis • Risk Mitigation
Investigation File

Area	Worksheet	Description
Investigation Information	Title Page	This worksheet
	Versions	Evolution of this workbook and contributors
	Contacts	People / Contact info. of those involved with the analysis
	CM Steps	Cause Mapping method, steps and tools
Step 1. Define the Problem	1. Problem	Define the problem with the problem outline
Step 2. Conduct the Analysis	2. Cause Map	5-Why basic Cause Map to get started
Step 3. Select the Solutions	3. Solutions	Action Items table listing solutions, owner, due dates
Additional Information & Tools	Matrix	Evaluate possible solutions for implementation
	Timeline	Sequence of events with date, time, description
	Diagram	Diagrams, drawings and images
	Photos	Photographs and pictures
	Work Process	Steps of related work processes written as a flowchart
	Notes	Notes, emails, documents
	Info To Get	Information to collect during the investigation
	END	Extra material past this worksheet
Examples & Resources	Excel Tips	Tips for using the template in Microsoft® Excel®
	Examples	Example Cause Maps

Problem Outline

Use the problem outline to define the problem. The problem outline provides a structured checklist to start an investigation. The outline format moves the focus from individual perspectives to how the organization sees the problem (goals impacted).

What	Problem(s)	CT1 Turbine 3rd stage nozzles and buckets liberated
When	Date	November 29, 2021
	Time	8:00 AM
	Different, unusual, unique	Plant was Starting Up
Where	Facility, site	Polk Power Station
	Unit, area, equipment	Powerblock, Unit 1, CT
	Task being performed	CT was approaching FSNL

Impact to each GOAL

Safety		
Environment		
Customer		
Production, Schedule	92 days of Forced Outage at 200MW	
Property, Equipment	CT1 Turbine HGP Hardware, Exhaust Frame, Bearings, Compressor Blending	TBD
Labor, Time		
	This incident	$0
Frequency	Annualized Cost	$0

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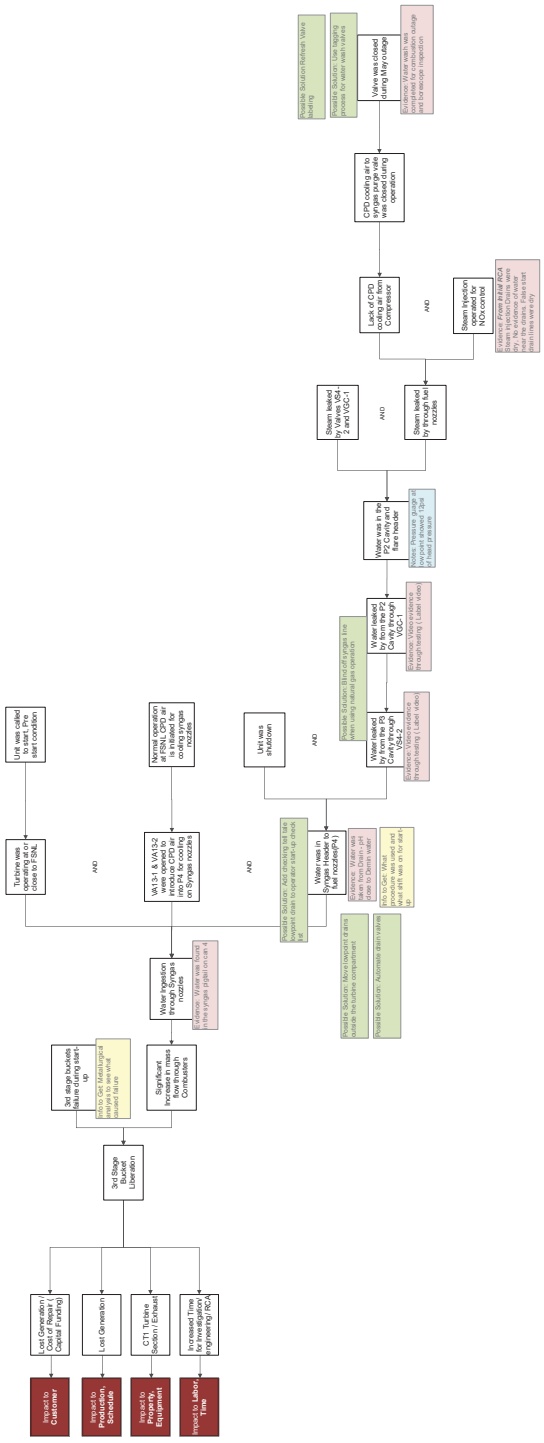

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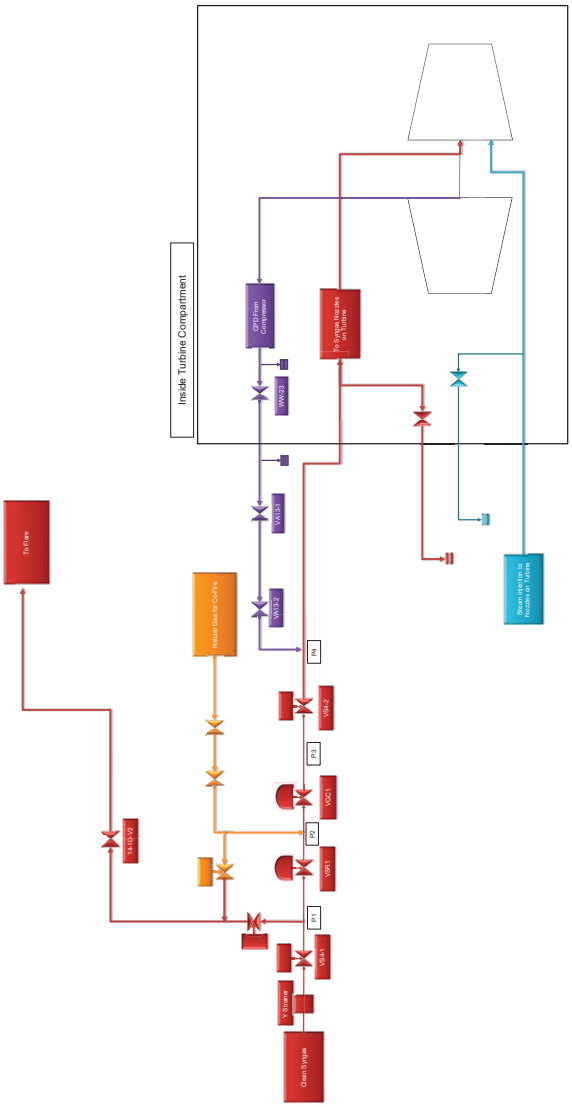
Solutions

- ✓ Possible solutions proposed on the Cause Map control specific causes. For each solution, identifying the cause controlled provides continuity from the analysis.
- ✓ Preventive solutions must make changes to your work process. Identify the process that will be changed or affected by the proposed solution.

Possible Solutions for Consideration

Ref.	Possible Solution	Cause Controlled
1	Add a Prestart walkdown or procedure for operators to visually look for water	Water leaked by from the P3 Cavity through VS4-2
2	Put a WO request for all work	Water leaked by from the P3 Cavity through VS4-2
3	Blind off syngas line when using natural gas operation	Water leaked by from the P3 Cavity through VS4-2
4	Add checking tell tale lowpoint drain to operator start-up check list	Water was in Syngas Header to nozzles(P4)
5	Move lowpoint drains outside the turbine compartment	Water was in Syngas Header to nozzles(P4)
6	Automate drain valves in P4 cavity	Water was in Syngas Header to nozzles(P4)
7	Signoff on all operator rounds / electronic logs of operator rounds	Valve was left closed
8	Use tagging process for water wash valves	Valve was left closed
9	Refresh Valve labeling	Valve was left closed


Inside Turbine Compartment
CPD from Compressor
To Flare
Natural Gas for Co-Fire
Clean Syngas
Steam Inert to Turbine
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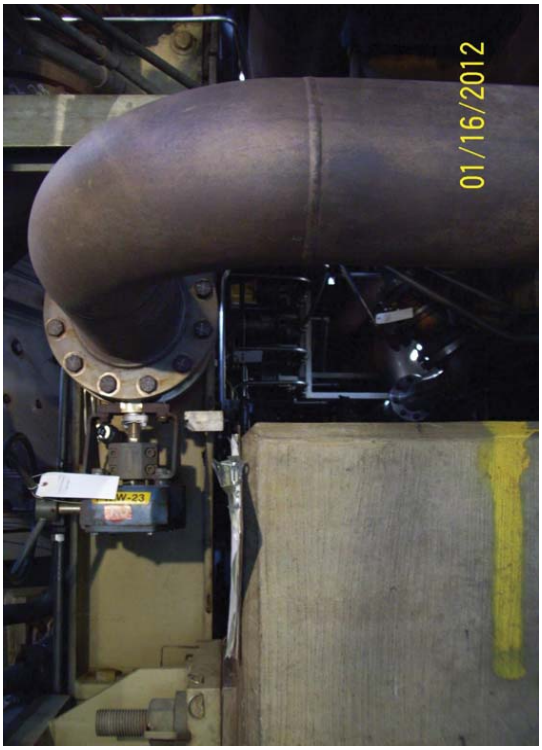
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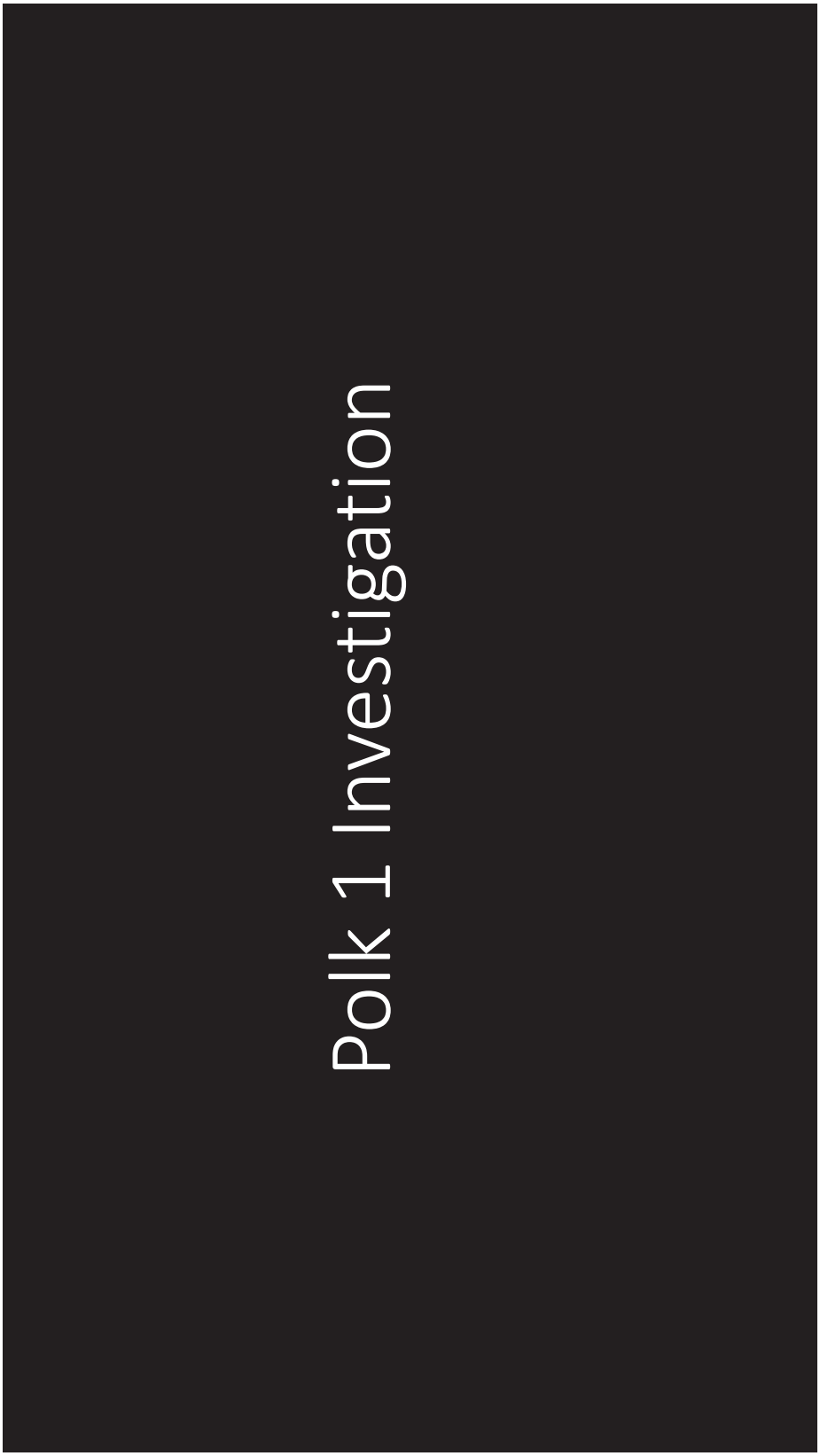
Polk 1 Investigation

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TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 23
PAGE 21 OF 44
FILED: APRIL 8, 2022
SUPPLEMENTED: MAY 25, 2022

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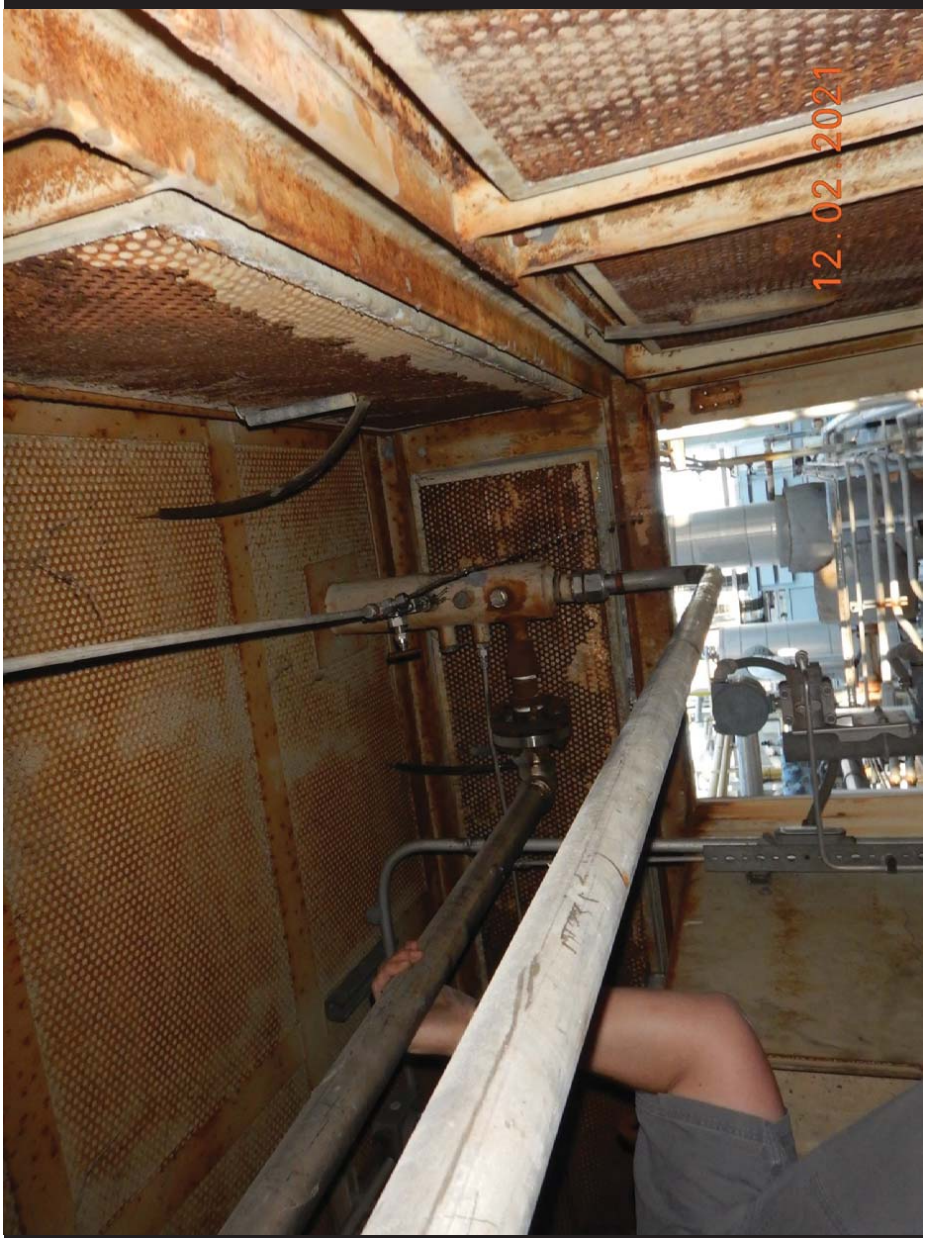

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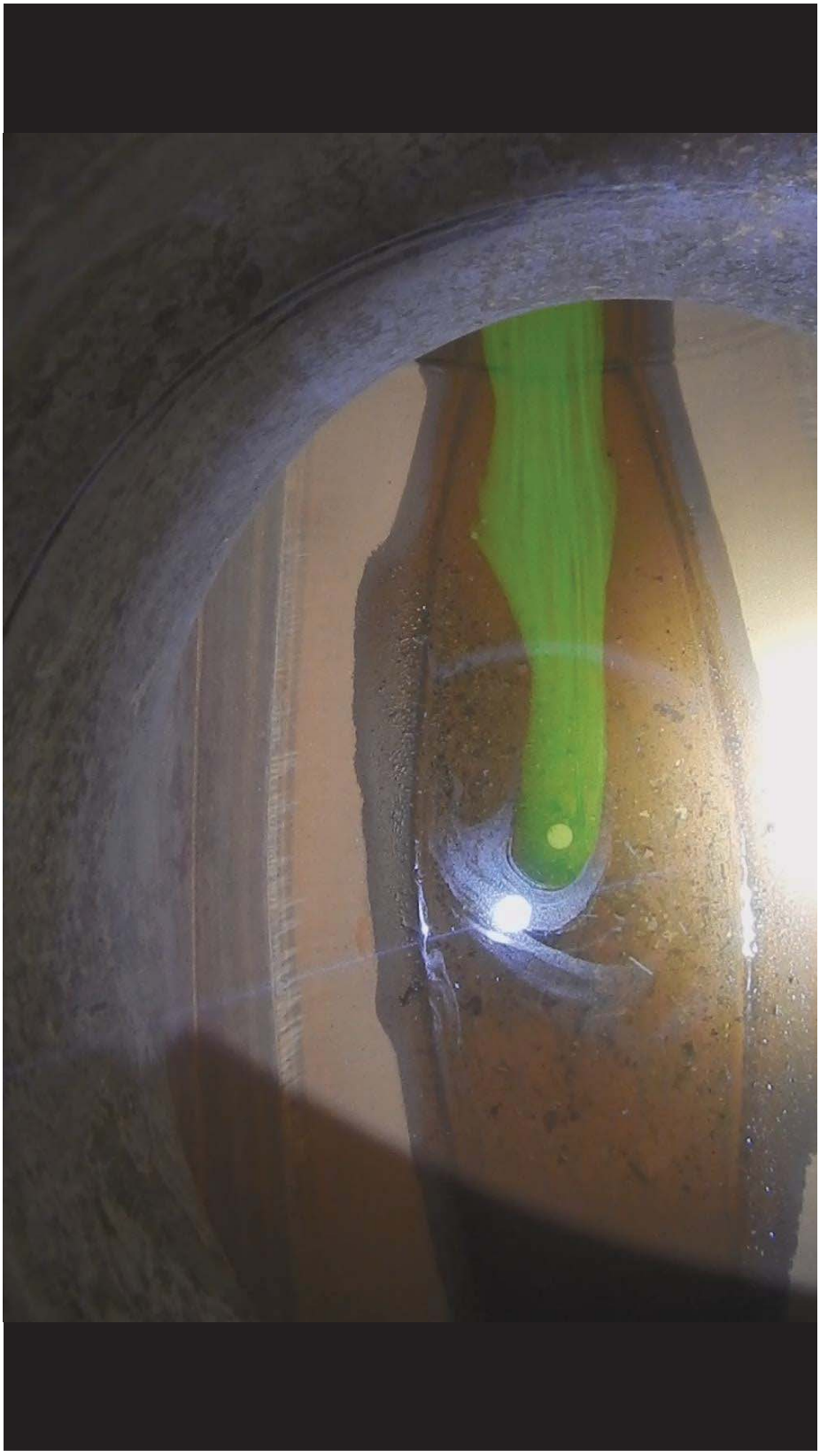

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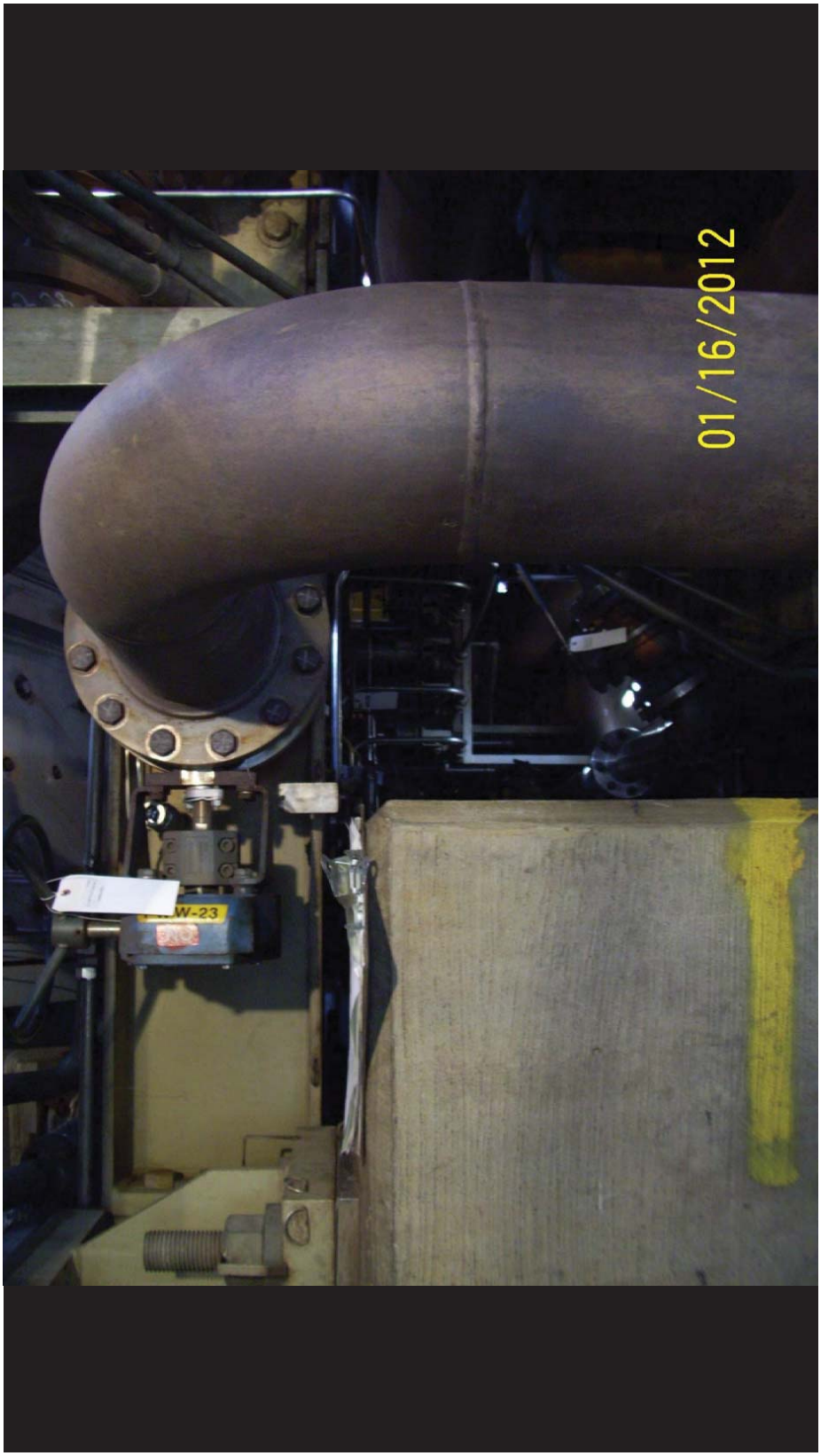

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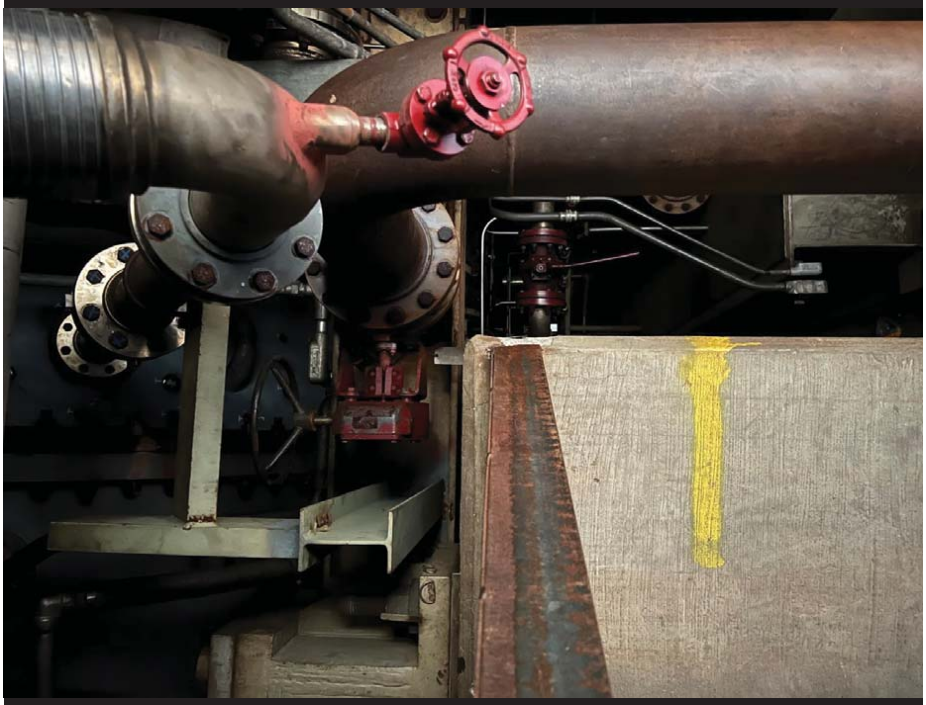

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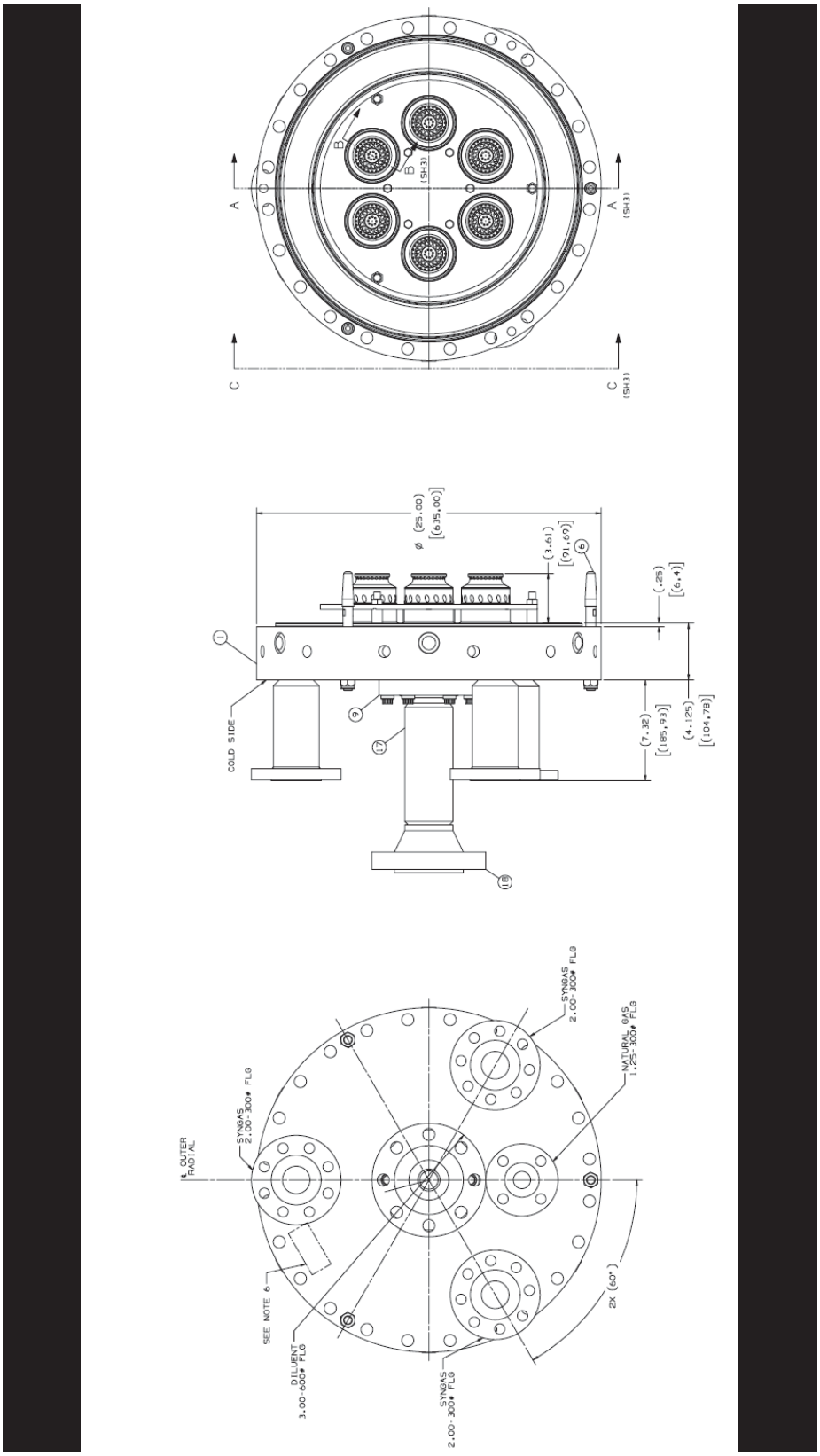
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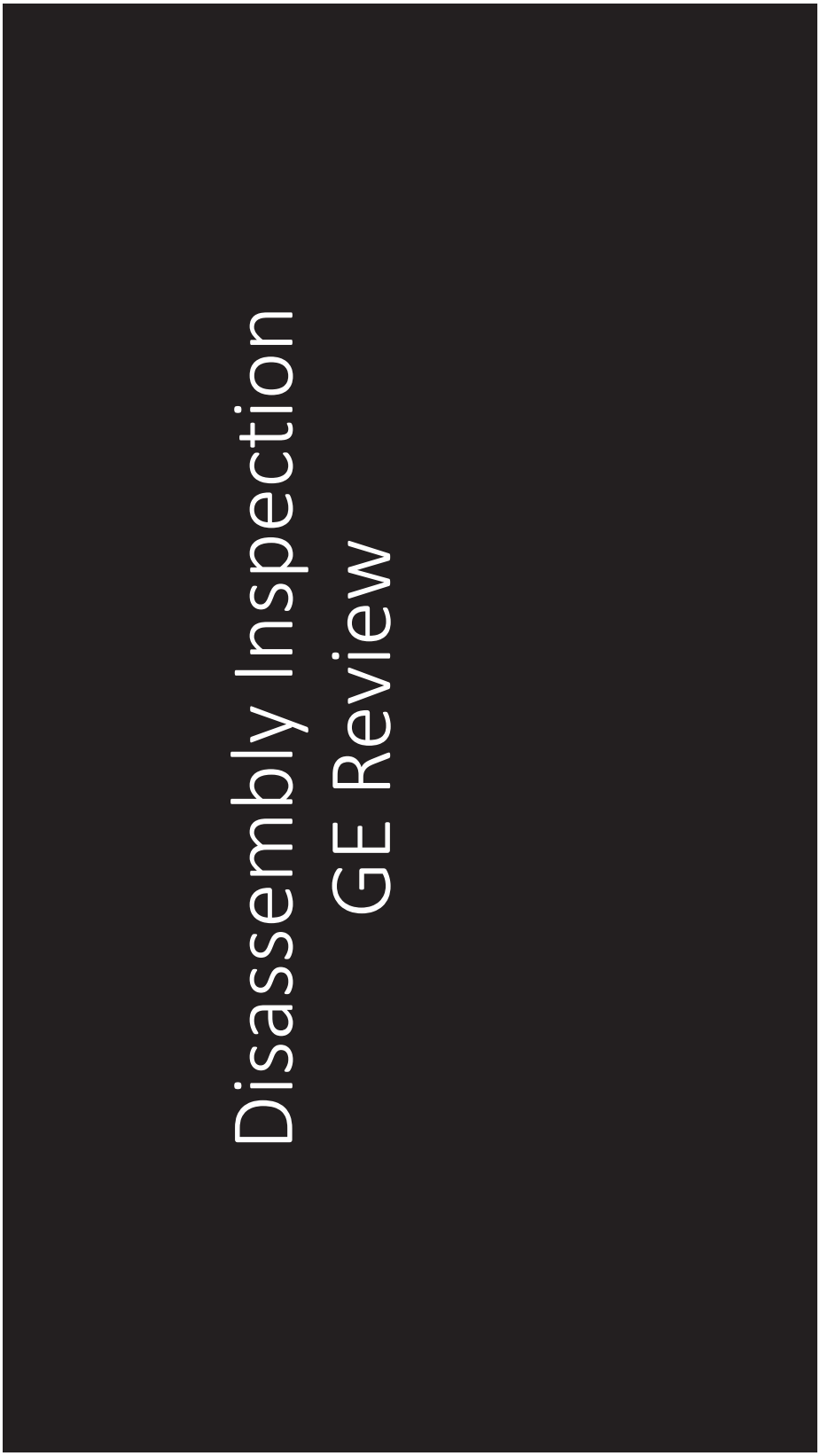
Disassembly Inspection
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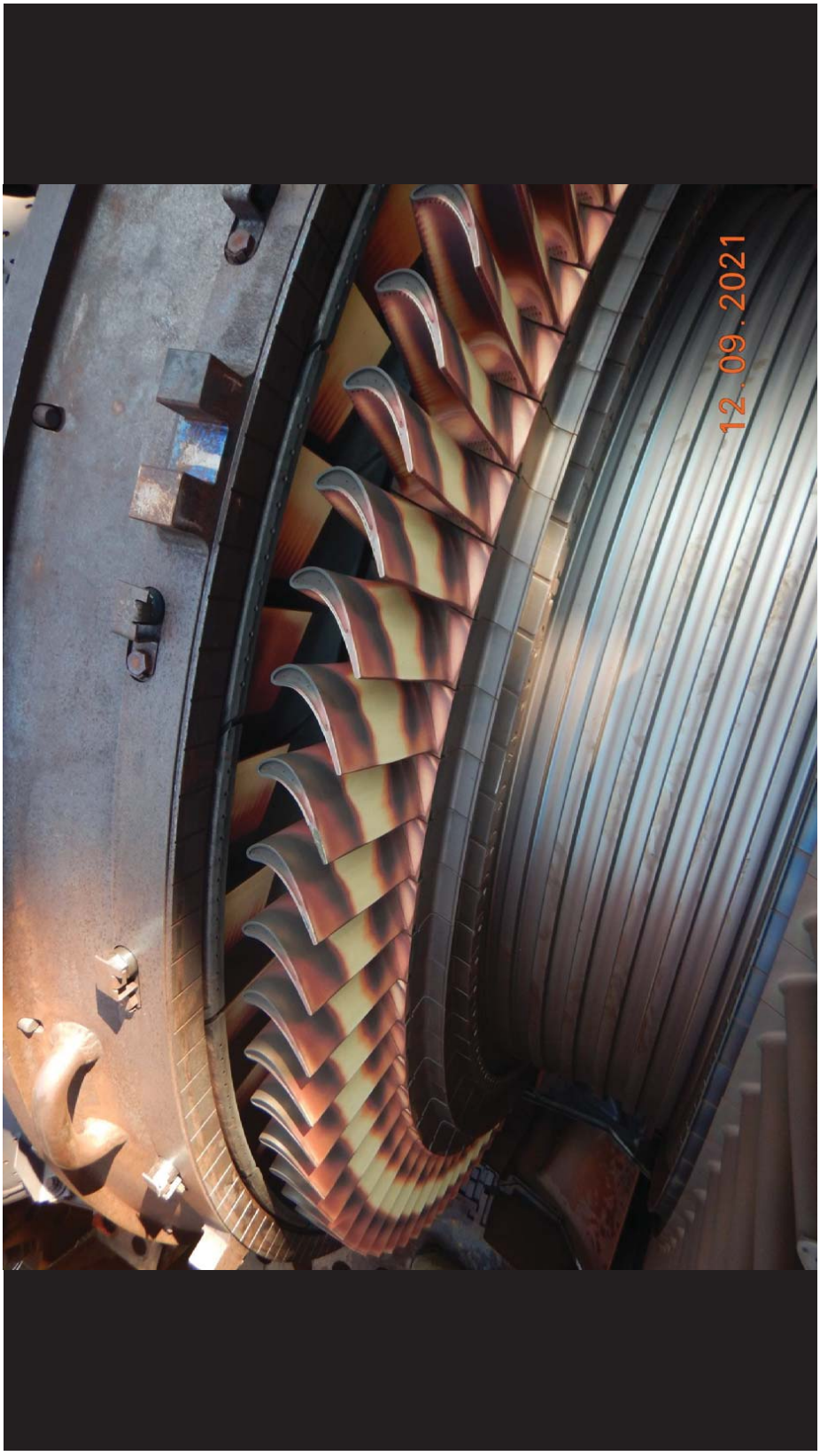

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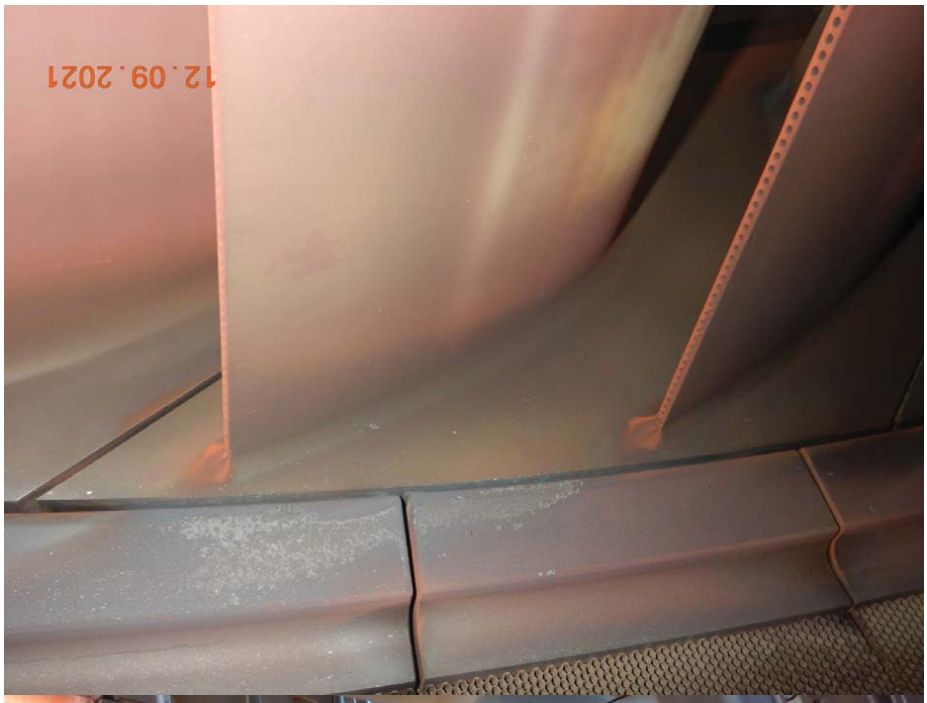

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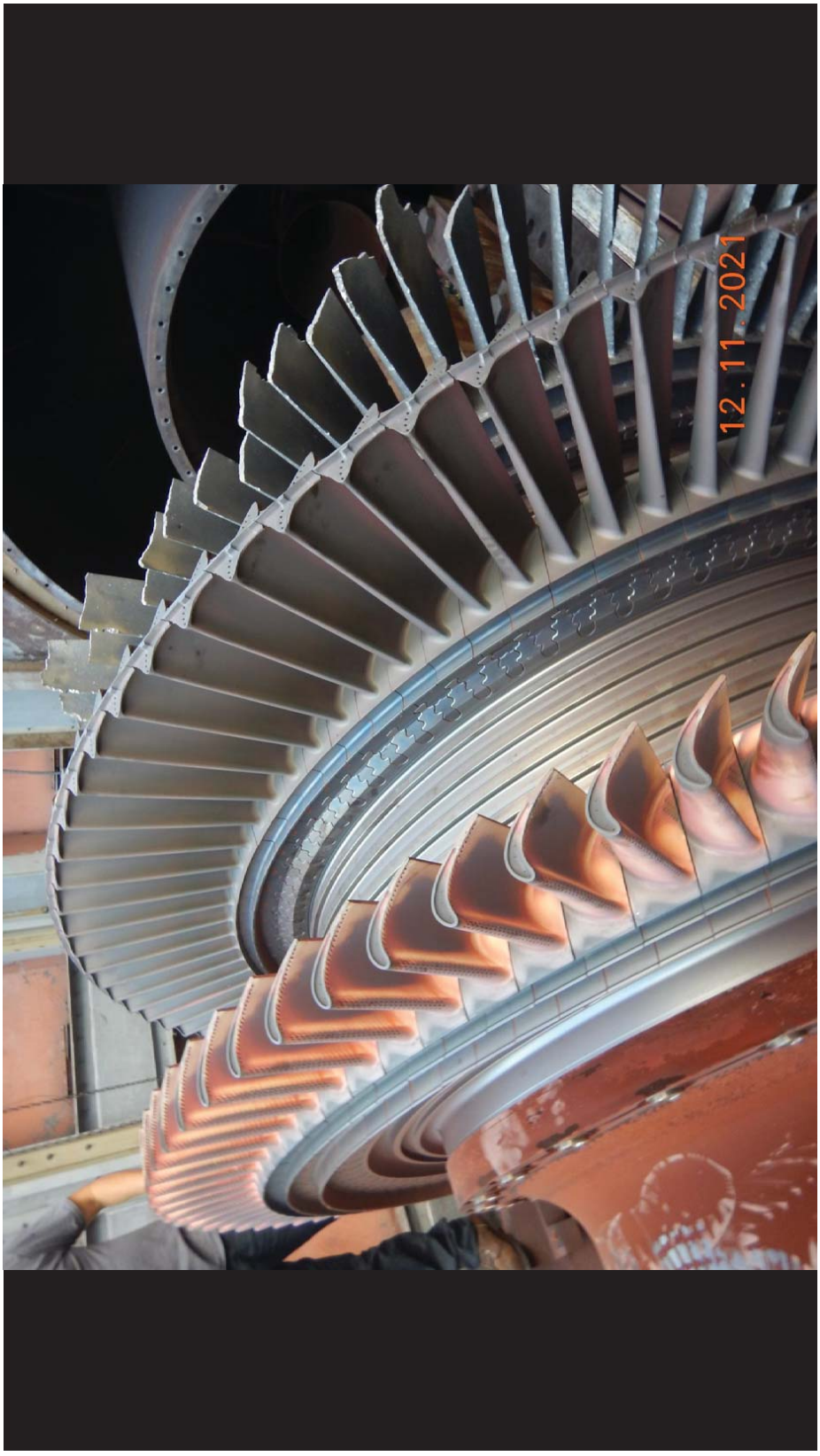

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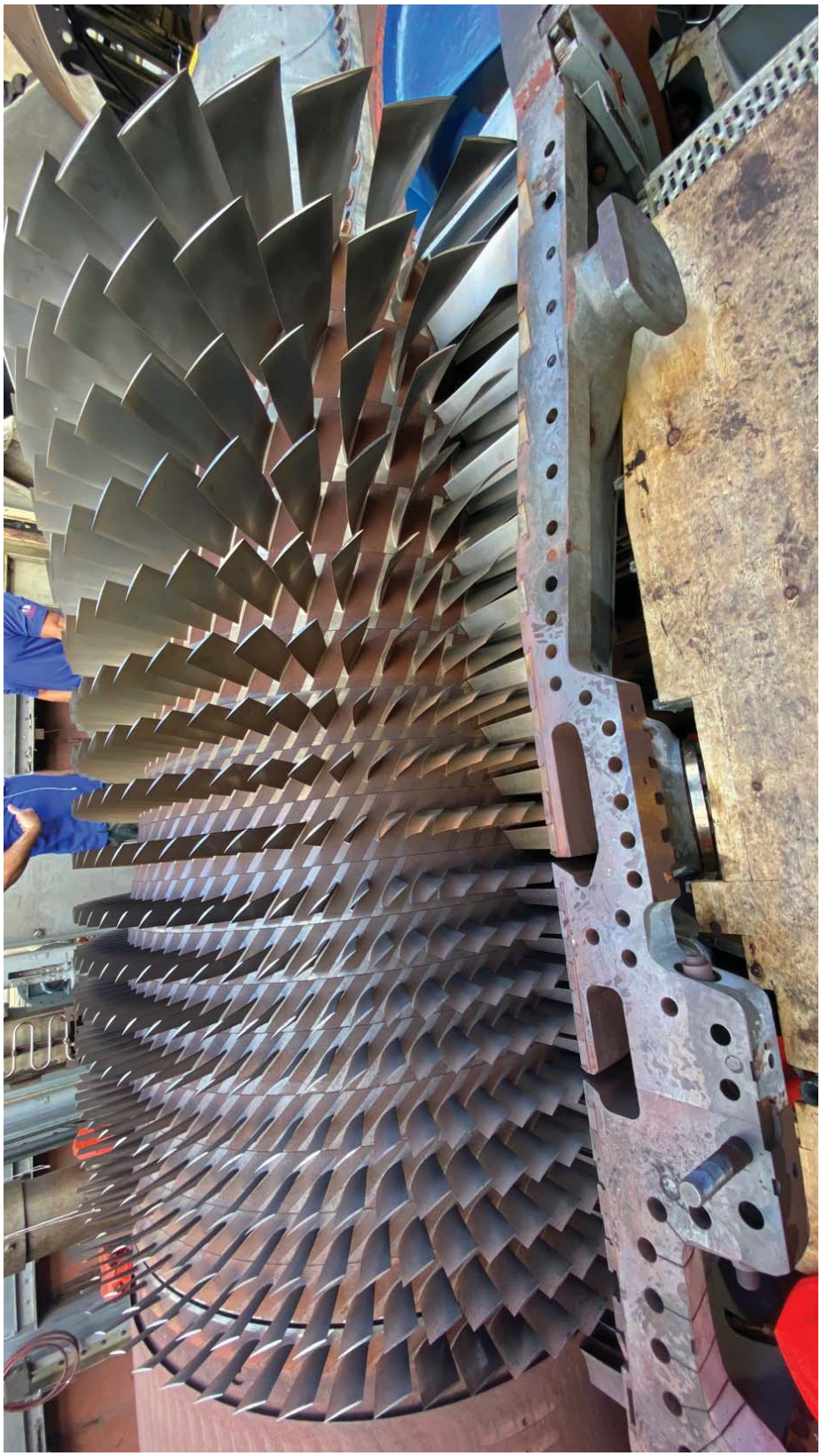

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AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF HILLSBOROUGH)

Before me the undersigned authority personally appeared M. Ashley Sizemore who deposed and said that she is a Manager, Regulatory Affairs, Tampa Electric Company, and that the individuals listed in Tampa Electric Company's response to OPC's First Set of Interrogatories, (Nos. 1-28) prepared or assisted with the responses to these interrogatories to the best of her information and belief.

Dated at Tampa, Florida this 8th day of April, 2022.

M. Ashley Sizemore

Sworn to and subscribed before me this 8th day of April, 2022.

T. C. V.

Notary Public State of Florida
Tison C Vega
My Commission GG 950315
Expires 02/01/2024

My Commission expires _____

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 57
PARTY: Staff Exhibit 57
DESCRIPTION: TECO's Response to OPC's Second Set of Interrogatories, Nos. 29-31, 38. (Bates No. 00166-00172)

57

TECO's Response to OPC's Second Set of Interrogatories, Nos. 29-31, 38.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S SECOND SET OF INTERROGATORIES
INTERROGATORY NO. 29
BATES PAGE: 1
FILED: JUNE 9, 2022

29. Is TECO seeking recovery of all or part of the total amount of replacement power costs attributable to unplanned forced outage of Polk 1 that began on June 10, 2021? If partial, please identify the amount TECO is seeking.

A. Tampa Electric has included all Fuel and Purchased Power costs as part of its actual fuel filings. The total amount of replacement Fuel and Purchased Power cost incurred during the June 10, 2021 outage was $1,059,000.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S SECOND SET OF INTERROGATORIES
INTERROGATORY NO. 30
BATES PAGES: 2 - 3
FILED: JUNE 9, 2022

30. Please identify the total amount of replacement power costs attributable to the forced outage of Polk 1 that began on November 29, 2021, and lasted until March 10, 2022. Please also state how much of those costs TECO is seeking to recover. Please also identify the workpapers calculating such replacement power costs.

A. To evaluate the Polk Unit 1 outage impact on fuel and purchased power costs, the Tampa Electric ("TEC") system was modeled using the Planning & Risk ("PaR") production cost model developed by Hitachi. The PaR production cost model is utilized at TEC in the evaluation of long-term planning, project evaluation and to prepare the annual, projected fuel and purchased power factor filing.

The evaluation compared a base case to a change case and the delta represents the TEC replacement power costs attributed to the Polk Unit 1 outage. The model includes unit heat rates, variable O&M, start costs and any operational parameters that impact the economic commitment and dispatch of the units. Actuals for fuel prices, power market pricing, load, solar generation, reserves, purchased power agreements and forced and planned outages were utilized as PaR inputs to best estimate replacement power costs from Polk Unit 1 not being available to run.

The base case includes Polk Unit 1 as available for commitment and dispatch from November 1, 2021 through March 31, 2022. The PaR model run for the period above includes the actual company generating resources previously stated and other resources that commit and dispatch economically, each hour, to meet load and reserves. The PaR model outputs were summed for each month and are displayed below as Base Case Fuel and Purchased Power Costs. The base case PaR run for December 2021 through February 2022 did not commit Polk 1, as such, the base and change cases were the same resulting in no TEC Replacement Power Costs attributed to the Polk Unit 1 outage during those months.

The change case includes Polk Unit 1 offline November 29, 2021 to March 10, 2022. The PaR model outputs were summed for each month and are displayed below as Change Case Fuel and Purchased Power Costs. The cost delta between the two runs resulted in the monthly TEC Replacement Power Costs attributed to the Polk Unit 1 outage.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S SECOND SET OF INTERROGATORIES
INTERROGATORY NO. 30
BATES PAGES: 2 - 3
FILED: JUNE 9, 2022

2021-2022 (11/1/21-3/31/22)

Base Case Fuel and Purchased Power Costs ($000)

November	December	January	February	March	Total
$ 76,290	$ 71,838	$ 58,016	$ 66,719	$ 58,299	$ 331,163

Change Case Fuel and Purchased Power Costs ($000)

November	December	January	February	March	Total
$ 76,290	$ 71,838	$ 58,016	$ 66,719	$ 58,403	$ 331,268

TEC Replacement Power Costs ($000)

November	December	January	February	March	Total
$ -	$ -	$ -	$ -	$ 104	$ 104

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S SECOND SET OF INTERROGATORIES
INTERROGATORY NO. 31
BATES PAGE: 4
FILED: JUNE 9, 2022

31. In reference to Bates page 264 of TECO's answers to Citizens' First Request for Production of Documents (Nos 1-8), please explain the circumstances surrounding when and why the swing elbows at issue were originally installed at Polk 1.

A. During the extended generator repair in June 2021, the swing elbows were installed to provide a Nitrogen Blanketing System ("NBS") for corrosion protection to the HRSG drums and associated pressure systems.

At the time of the draft report, it was suspected that the NBS, also referred to as swing elbows, provided a path through an open valve and initiated the failure. This would have been considered a "High Potential" safety near miss. After the full root cause analysis ("RCA") was completed, the NBS valves were found not to be the cause mentioned in the high potential draft report. Tampa Electric submitted the final RCA to OPC on May 23, 2022 in Tampa Electric's Supplemental Response to OPC's First Set of Interrogatories, No. 23.

The initial "High Potential" DRAFT report, referenced on Bates page 264, primarily focused on the "High Potential" near miss from a safety perspective. The intent is to provide "High Potential" near misses as soon as reasonably possible to share with the company for any safety lessons learned, to prevent similar incidents, and raise awareness. Often these "High Potential" near miss reports are in the very early stages before a root cause analysis is even initiated, which is what occurred in this case.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S SECOND SET OF INTERROGATORIES
INTERROGATORY NO. 38
BATES PAGE: 11
FILED: JUNE 9, 2022

38. On Bates Page 261 of TECO's answers to Citizen's First Request for Production of Documents (Nos. 1-8), an email from Nate Dilport refers to a "significant near miss" and a "determination" that had not yet been made.

a. Please describe what a "significant near miss" is, and explain what it means in relation to the outage in question.

b. Please identify any documents which detail or describe this "significant near miss" and the "determination" referred to in this email.

A. a. A "significant near miss" is a safety reporting mechanism used to report events that have the potential to cause serious injury or fatality. The email is referencing the high pressure HP drum being connected to the NBS system with the valve potentially open and for this to be a high potential near miss from a safety perspective.

b. The document referenced in Bates pages 262 to 265 is the initial document describing the "significant near miss" from a safety perspective before a full root cause analysis was performed. In the final RCA, submitted in Tampa Electric's Supplemental response to Staff's First Set of Interrogatories, No. 23, the determination was made that this was not a significant near miss because the valve was not open.

AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF HILLSBOROUGH)

Before me the undersigned authority personally appeared M. Ashley Sizemore who deposed and said that she is Manager, Regulatory Rates, Tampa Electric Company, and that the individuals listed in Tampa Electric Company's response to OPC's Second Set of Interrogatories, (Nos 29-38) prepared or assisted with the responses to these interrogatories to the best of her information and belief.

Dated at Tampa, Florida this 18th day of May, 2022.

M. Ashley Sizemore

Sworn to and subscribed before me this 18th day of May, 2022.

Notary Public

My Commission expires

Notary Public State of Florida
Tison C Vega
My Commission GG 950315
Expires 02/01/2024

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 58
PARTY: Staff Exhibit 58
DESCRIPTION: TECO's Responses to OPC's Third Set of Interrogatories, Nos. 39-51. (Bates No. 00173-00190)

58

TECO's Responses to OPC's Third Set of Interrogatories, Nos. 39-51.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S THIRD SET OF INTERROGATORIES
INTERROGATORY NO. 39
BATES PAGE: 1 - 2
FILED: AUGUST 10, 2022

39. Please provide a timeline and list of the maintenance and inspection history on the Polk 1 turbine and generator, and please identify all documents used in preparation of the timeline.

A. Polk Unit 1 went into service in 1995, meaning there are nearly thirty years of maintenance and inspection history on this unit. Per agreement with the Office of Public Counsel, Tampa Electric will provide the requested timeline going back ten years.

For a timeline and a list of the maintenance and inspection history on Polk Unit 1 turbine and generator, please see attached. Additionally, please see Tampa Electric's Response to OPC's Third Request for Production of Documents, Request No. 11.

For a General Timeline, please see below.

- 2009, GE report, generator field removal
- 2012, GE report, minor repairs to dusting in endturn area, passed all tests
- 2015, GE report, MAGIC inspection, passed all tests, no significant findings
- 2016, GE Report, gas turbine inspection, repairs were made based on inspection results
- 2018, GE Report, test and inspection, repairs were made based on inspection results
- 2021, GE rewind of generator rotor and stator after discovery of loose stator core iron

Unit 1 CT and Generator Outage Report List

2009 Major with Generator Field Removal	20090202 209436 Polk 1 Major Inspection.pdf
2012 HGP Prior 3rd Stage Bucket Liberation Generator Minor	20120524 - Polk 1 Forced Outage.pdf TECO Polk 1 RCA Report 9-27-12.pdf 20120117 - Polk 1 CT Generator Minor.pdf
2015 Electrical Testing and Magic Inspection	337X011_2015-03-10_GARY HUMFLEET_18.pdf
2016 Combustion Inspection with S1N and S3B replacement	296436_2016-04-29 SERGEY POLYAKOV.pdf
2018 Major HGP with CT Rotor Replacement	2018 Unit 1 Rotor Outage Report.pdf
2021 Generator Stator and 3rd Stage Bucket Liberation	2021 3rd Stage bucket liberation.pdf TECO_POLK_UNIT_1_GENERATOR_RESTACK___REWIND.pdf

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S THIRD SET OF INTERROGATORIES
INTERROGATORY NO. 40
BATES PAGE: 3
FILED: AUGUST 10, 2022

40. Did GE ever issue any technical notices regarding the potential problems with this generator?

A. No, GE did not issue any technical notices regarding potential problems with this generator.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S THIRD SET OF INTERROGATORIES
INTERROGATORY NO. 41
BATES PAGES: 4 - 9
FILED: AUGUST 10, 2022

41. Has TECO participated in GE F7A combustion turbine User Group Meetings or correspondence prior to the discovery of the stator damage?

a. Were the problems with this vintage GE generator ever discussed at the User Group Meetings or in any User Group correspondence?

b. Identify all documents from GE F7A combustion turbine User Group that discuss problems with the generator on GE 7FA combustion turbine.

A. a. Yes, Tampa Electric has received communication from GE regarding the GE F7A CT; however, the issue with loose stator core iron was presented as an exclusive issue with MELCO (Mitsubishi, 3rd party subcontractor to GE) CT's built at MELCO facilities. The Unit 1 CT was built by GE at its Schenectady, NY facility.

b. Please see the GE Technical Information Letter (TIL) TIL226031 attached.

CONFIDENTIAL MATERIAL REDACTED

BATES STAMPED PAGES 5 - 9

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S THIRD SET OF INTERROGATORIES
INTERROGATORY NO. 42
BATES PAGE: 10
FILED: AUGUST 10, 2022

42. Was the June 2021 event the first time the rotor had been removed since the unit was built? If the rotor was removed for inspection, maintenance, and/or repairs prior to the 2021 event, please identify all inspection, maintenance, and/or repair reports for the rotor and stator.

A. No, the June 2021 event was not the first time the rotor was removed. The rotor was also pulled in 2009 and 2012 after inspections indicated that repairs were needed. Repairs were made based on inspection results. Additionally, please see Tampa Electric's response to OPC's Third Set of Interrogatories, No. 39, above.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S THIRD SET OF INTERROGATORIES
INTERROGATORY NO. 43
BATES PAGE:.11
FILED: AUGUST 10, 2022

43. Was there any loss of output noted from the generator prior to the outage?

A. No.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S THIRD SET OF INTERROGATORIES
INTERROGATORY NO. 44
BATES PAGE: 12
FILED: AUGUST 10, 2022

44. Were there any rotor or stator temperature control issues noted prior to the outage?

A. No.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S THIRD SET OF INTERROGATORIES
INTERROGATORY NO. 45
BATES PAGE: 13
FILED: AUGUST 10, 2022

45. In reference to the Root Cause page of the Generator Stator Core Discovery report (BS page 42), what impact did the defective core compression process acknowledged by GE have on the Polk 1 outage in June 2021?

A. The original scheduled outage was approximately 14 days. The discovery of compression issues of the stator core iron extended the outage to make repairs.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S THIRD SET OF INTERROGATORIES
INTERROGATORY NO. 46
BATES PAGE: 14
FILED: AUGUST 10, 2022

46. Do TECO or GE have any concerns about this unit going forward?

A. After rewinding the generator, neither Tampa Electric nor GE have any concerns at this time.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S THIRD SET OF INTERROGATORIES
INTERROGATORY NO. 47
BATES PAGE: 15
FILED: AUGUST 10, 2022

47. Regarding the confidential pages of TECO's answers to Citizen's First Request for Production of Documents (Nos. 1-8) (Bates pages 278-286), did TECO enter into a contract related to the contents of those pages? If yes, please identify all documents, including any reports, which TECO received as a result of that contract. If no, please explain why TECO did not enter into a contract related to the contents of those pages.

A. The cited pages involved contract negotiations between Tampa Electric and GE related to performance of a RCA for the outage. Tampa Electric ultimately did not enter into a contract with GE because the company determined that support from GE was not needed to perform the RCA. Tampa Electric has internal subject matter experts capable in this function and therefore performed the RCA internally.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S THIRD SET OF INTERROGATORIES
INTERROGATORY NO. 48
BATES PAGE: 16
FILED: AUGUST 10, 2022

In reference to the Root Cause Analysis report provided in the supplementary response to OPC Interrogatory No. 23:

48. It is stated on Page 2 (BS Sup_24-d) that "A maintenance specialist recalled a similar 2012 incident when Polk CT1 tripped on high vibrations due to the presence of water in the syngas header."

a. Please provide a description of this 2012 incident.

b. Please provide information on how water entered the syngas header during the 2012 incident.

c. Please identify all inspection reports, root cause analysis reports, and any other documentation related to the 2012 incident.

A. a. The 2012 incident was a water intrusion event. Additionally, please see Tampa Electric's response to OPC's Third Set of Interrogatories, No. 39, above.

b. The unit was operating on dual fuel with liquid fuel. During a shutdown, the atomizing air cooler associated with liquid fuel operations had an unknown leak. The water entered the fuel nozzle causing the syngas header to fill with water. When the unit was attempting to start at Full Speed No Load ("FSNL") operation water entered into the turbine and caused bucket failures. This system is no longer in operation and has since been removed.

c. Please see Tampa Electric's response to OPC's Third Set of Interrogatories, No. 39, above.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S THIRD SET OF INTERROGATORIES
INTERROGATORY NO. 49
BATES PAGE: 17
FILED: AUGUST 10, 2022

49. It is stated in the Possible Solutions table (BS Sup_24-I) that one possible solution would be to "Add a Prestart walkdown or procedure for operators to visually look for water."

a. If a similar incident occurred in 2012 and water was found in the syngas header, why was this walkdown or procedure not already in place?

A. The water intrusion event in 2012 was caused by the dual fuel system. This system was removed in 2013. As a result, the water intrusion source that caused the 2012 event is no longer in place. The November 2021 event was the result of water intrusion from a different system; the steam injection system for NO_x control.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S THIRD SET OF INTERROGATORIES
INTERROGATORY NO. 50
BATES PAGE: 18
FILED: AUGUST 10, 2022

50. It is stated in the Observations section (BS Sup_24-d) that water wash valve WW-23 was found closed.

a. Was this valve supposed to be opened or closed at the time of the incident on November 29th?

b. When was it discovered that the valve color deviated from the typical labeling associated with water wash practice?

A. a. In normal operation, this valve is supposed to be open.

b. The valve color deviation issue was discovered after the event occurred. As noted in the RCA, the labeling of the valve had been burned off, over time, from the heat in the compartment. As a result, the valve color deviated from the labeling associated with normal water wash practice (blue; normally closed, red; normally open).

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S THIRD SET OF INTERROGATORIES
INTERROGATORY NO. 51
BATES PAGES: 19 - 21
FILED: AUGUST 10, 2022

51. Please provide the calculations used to derive the replacement power costs for the outage time period.

a. Provide the basis for all assumptions used in the calculations.

b. Provide sources of replacement generation and fuel costs for those sources.

A.

a. As stated in Tampa Electric's responses to OPC's First Set of Interrogatories, Nos. 5 and 24 and OPC's Second Set of Interrogatories, No. 30, the Planning & Risk ("PaR") production cost model includes unit heat rates, variable O&M, start costs and any operational parameters that impact the economic commitment and dispatch of the company's generating units. Actual fuel prices, power market pricing, load, solar generation, reserves, purchased power agreements and forced and planned outages were utilized as PaR inputs to best estimate replacement power costs from Polk Unit 1 not being available to run.

b. The generation in MWh and the associated fuel costs used in the PaR production cost model base and change case runs used for Tampa Electric's responses to OPC's First Set of Interrogatories, Nos. 5 and 24 and OPC's Second Set of Interrogatories, No. 30, is included in the following attachment:

"(BS_21) Polk 1 Outage Replacement Generation and Fuel Costs.xlsx."

The PaR production cost model solves for the lowest economic production cost over a period of months. The model commits and dispatches all available generation for the base and change cases.

In most summer months, the change case for a loss of Polk Unit 1 is replacing that unit (an average 8.3 MMBtu/MWh gross heat rate unit in 2021), with a combination of higher heat rate units like Big Bend Unit 3 and aero-derivative simple-cycle combustion turbines (average 10.0-11.0 MMBtu/MWh gross heat rate units in 2021) and lower heat rate units like Bayside and Polk combined cycle (average 7.0-7.3 MMBtu/MWh heat rate units in 2021). In addition, forced outage rates for units other than Polk Unit 1 were very low in the relevant period, resulting in high system availability to provide replacement power for Polk Unit 1. In hours where available

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 51
BATES PAGES: 19 - 21
FILED: AUGUST 10, 2022

Tampa Electric generation could not meet load and reserves, the model will purchase power. For this evaluation, the price of the purchased power is the weighted average of Tampa Electric power purchases filed monthly in A-schedules on Schedule A7.

The model often leaves Polk Unit 1 uncommitted in the months of December through February, especially in periods with mild weather. Last winter was mild in Tampa and peak loads were 3,000 MW or less compared to the summer at 4,000 – 4,500 MW. Bayside and Polk combined cycle units in conjunction with solar provide much of the company's generation needs on most winter days. Furthermore, Big Bend Unit 4 is a "must commit" unit for environmental reasons during the winter as its needed to keep minimum outlet discharge temperatures to heat the water for the manatees. Big Bend Unit 3 was committed on a few cooler mornings as its capacity is more than 50 percent higher than Polk Unit 1.

AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF HILLSBOROUGH)

Before me the undersigned authority personally appeared M. Ashley Sizemore who deposed and said that she is Manager, Regulatory Rates, Tampa Electric Company, and in Tampa Electric Company's response to OPC's Third Set of Interrogatories, (Nos. 39-51), she prepared or assisted with the responses to these interrogatories to the best of her information and belief.

Dated at Tampa, Florida this 9th day of August, 2022.

M. Ashley Sizemore

Sworn to and subscribed before me this 9th day of August, 2022.

Dashira Silvestre

Notary Public State of Florida
Dashira Silvestre
My Commission
HH 270259
Exp. 6/1/2026

My Commission expires

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 59
PARTY: Staff Exhibit 59
DESCRIPTION: DEF's Responses Staff's First Request to Produce Documents, No. 1. (Bates No. 00191-00193)

59

DEF's Responses Staff's First Request to Produce Documents, No. 1.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost recovery clause with generating performance incentive factor	Docket No. 20220001-EI Filed: August 31, 2022

DUKE ENERGY FLORIDA, LLC'S RESPONSE TO STAFF'S FIRST REQUEST TO PRODUCE DOCUMENTS (NO. 1)

Duke Energy Florida, LLC ("DEF"), responds to the Staff of the Florida Service Public Commission's ("Staff"), First Request to Produce Documents (No. 1), as follows:

DOCUMENTS REQUESTED

1. Please provide a 12-month schedule detailing the 2022 commodity-only price of natural gas used to develop the Petition.

Response:
Please see the attached document bearing Bates numbers 20220001-DEF-002553.

2022	Actual / Forecasted	Commodity Only Price
Jan	Actual	$4.23
Feb	Actual	$6.66
Mar	Actual	$4.65
Apr	Actual	$5.50
May	Actual	$7.70
Jun	Actual	$8.72
Jul	Forecasted	$8.67
Aug	Forecasted	$8.62
Sep	Forecasted	$8.53
Oct	Forecasted	$8.47
Nov	Forecasted	$8.50
Dec	Forecasted	$8.69

Note: Includes DEF owned generation. Excludes purchased power.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 60
PARTY: Staff Exhibit 60
DESCRIPTION: DEF's Responses OPC's Fifth Request to Produce Documents, Nos. 42-43. Confidential DN 04760-2022 & ...

60

DEF's Responses OPC's Fifth Request to Produce Documents, Nos. 42-43.

(Confidential DN 04760-2022 & DN 04109-2022)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance Incentive Factor	DOCKET NO.: 20220001-EI DATED: June 17, 2022

DUKE ENERGY FLORIDA, LLC'S
RESPONSE TO THE CITIZENS' FIFTH REQUEST FOR
PRODUCTION OF DOCUMENTS (NOS. 40-43)

Duke Energy Florida, LLC ("DEF"), responds to the Citizens of the State of Florida, through the Office of Public Counsel's ("Citizens" or "OPC") Fifth Request for Production of Documents (Nos. 40-43), as follows:

DOCUMENTS REQUESTED

[redacted]

[redacted]

42. Provide all documents identified in your response to interrogatory 75.

Response:
Please see the attached document bearing bates number 20220001-DEF-002552.

43. Provide all documents identified in your response to interrogatory 77.

Response:
Please see the attached documents bearing bates numbers 20220001-DEF-002540 through

20220001-DEF-002551.

The documents are confidential, a redacted version has been provided. An unredacted copy has been filed with the Florida Public Service Commission along with DEF's Notice of Intent to Request for Confidential Classification dated June 17, 2022.

DUKE ENERGY FLORIDA

Hines Replacement Power Cost (03/01/22 - 03/31/22)

Date	Fuel	Purchased Power	Total Cost
1-Mar-22	$ 25,100	$ -	$ 25,100
2-Mar-22	$ 17,828	$ -	$ 17,828
3-Mar-22	$ 17,418	$ 26,399	$ 43,817
4-Mar-22	$ 7,895	$ -	$ 7,895
5-Mar-22	$ 9,039	$ -	$ 9,039
6-Mar-22	$ 19,954	$ -	$ 19,954
7-Mar-22	$ 32,277	$ 13,338	$ 45,615
8-Mar-22	$ 62,464	$ 18,241	$ 80,705
9-Mar-22	$ 61,700	$ 18,031	$ 79,730
10-Mar-22	$ 16,235	$ 129	$ 16,365
11-Mar-22	$ 42,020	$ 13,346	$ 55,366
12-Mar-22	$ -	$ -	$ -
13-Mar-22	$ 3,428	$ -	$ 3,428
14-Mar-22	$ 12,312	$ -	$ 12,312
15-Mar-22	$ 40,178	$ 13,289	$ 53,467
16-Mar-22	$ 43,164	$ (4,145)	$ 39,018
17-Mar-22	$ 30,329	$ 13,262	$ 43,591
18-Mar-22	$ 47,634	$ 17,919	$ 65,553
19-Mar-22	$ 48,988	$ 13,402	$ 62,390
20-Mar-22	$ 16,999	$ -	$ 16,999
21-Mar-22	$ 26,191	$ 13,263	$ 39,454
22-Mar-22	$ 40,619	$ 17,857	$ 58,475
23-Mar-22	$ 56,263	$ 13,423	$ 69,687
24-Mar-22	$ 33,922	$ -	$ 33,922
25-Mar-22	$ -	$ -	$ -
26-Mar-22	$ -	$ -	$ -
27-Mar-22	$ 2,438	$ -	$ 2,438
28-Mar-22	$ 19,959	$ 17,766	$ 37,725
29-Mar-22	$ 34,227	$ -	$ 34,227
30-Mar-22	$ 29,347	$ -	$ 29,347
31-Mar-22	$ 49,676	$ 17,922	$ 67,598
Total	$ 847,605	$ 223,443	$ 1,071,047

Month	System Replacement Power	Monthly Jurisdictional Factor	Retail Replacement Power
Mar-22	$1,071,047	99.96%	$1,070,619

Duke Energy Florida, LLC
Docket No. 20220001-EI
DEF's Response to OPC POD 5 (40-43)
Q43

Documents bearing bates numbers
20220001-DEF-002540 through 20220001-DEF-002551
are REDACTED in their entirety

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 61
PARTY: Staff Exhibit 61
DESCRIPTION: FPL's Responses Staff's Second Request to Produce Documents, No. 2. (Bates No. 00199-00200)

61

FPL's Responses Staff's Second Request to Produce Documents, No. 2.

Florida Power & Light Company
Docket No. 20220001-EI
Staff's Second Request for Production of Documents
Request No. 2

QUESTION:
Please provide a 12-month schedule detailing the 2022 commodity-only price of natural gas used to develop the Petition.

RESPONSE:
The Actual/Estimated petition includes data for the entire 12-month period of 2022. The first 6 months (January-June) represent actual costs of delivered gas, while the second 6 months (July-December) represent projected costs. The total cost of natural gas delivered to FPL's generation facilities includes more than the commodity-only price of natural gas. Additional costs, such as fixed and variable transportation expenses are included in the actual cost of natural gas calculation.

The monthly actual total cost of natural gas for the January through June period and the commodity-only prices of natural gas at Henry Hub used to develop the values for the projected July through December period are included below:

The document responsive to this request is provided as Bates No. FCR-22-004434.

Month	A/E Actual Cost of Delivered Gas $/Mmbtu	Henry Hub $/Mmbtu
January 2022	5.91	
February 2022	7.85	
March 2022	6.42	
April 2022	7.01	
May 2022	9.12	
June 2022	9.99	
July 2022		6.81
August 2022		6.78
September 2022		6.74
October 2022		6.74
November 2022		6.82
December 2022		6.94

Date of forward curve: June 21, 2022

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 62
PARTY: Staff Exhibit 62
DESCRIPTION: FPL's Responses Staff's Fourth Request to Produce Documents, Nos. 4-5. (Attachments to Nos. 4 and 5...

62

FPL's Responses Staff's Fourth Request to Produce Documents, Nos. 4-5.

(Including Attachments to Nos. 4 and 5)

Florida Power & Light Company
Docket No. 20220001-EI
Staff's Fourth Request for Production of Documents
Request No. 4

QUESTION:
Please provide a 12-month schedule detailing the 2023 commodity-only price of natural gas used to develop the Petition.

RESPONSE:
The Document responsive to this request is provided as Bates No. FCR-22-004486.

Florida Power & Light Company
Docket No. 20220001-EI
Staff's Fourth Request for Production of Documents
Request No. 5

QUESTION:
Please refer to the Direct Testimony of Renae B. Deaton, filed with the Petition, page 5, lines 9-14 for the following request. Please provide a workpaper detailing the derivation of the proposed SolarTogether Subscription Credit ($143.0) identified in this section of testimony.

RESPONSE:
Documents responsive to this request are provided as Bates Nos. FCR-22-004487 to FCR-22-004491.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 63
PARTY: Staff Exhibit 63
DESCRIPTION: FPUC's Responses Staff's First Request to Produce Documents, No. 1. (Bates No. 00204-00206)

63

FPUC's Responses Staff's First Request to Produce Documents, No. 1.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost recovery clause with generating performance incentive factor.	DOCKET NO. 20220001-EI DATED: October 10, 2022

FLORIDA PUBLIC UTILITIES COMPANY'S RESPONSES TO COMMISSION STAFF'S FOURTH SET OF INTERROGATORIES (NO. 5) AND FIRST REQUEST FOR PRODUCTION

The Florida Public Utilities Company ("FPUC" or "Company"), hereby submits its Responses to the Fourth Set of Interrogatories (No. 5) and First Request for Production of Documents served on the Company on September 19, 2022, by Commission Staff. The individual responses follow this cover sheet.

Respectfully submitted,

Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 South Monroe St., Suite 601
Tallahassee, FL 32301
(850) 521-1706
Attorneys for Florida Public Utilities Company

DOCUMENTS REQUESTED

1. Please provide a 12-month schedule detailing the 2023 commodity-only price of natural gas used to develop the Petition.

RESPONSE: There are no responsive documents. FPUC used its current power purchase agreements to develop its Petition.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 64
PARTY: Staff Exhibit 64
DESCRIPTION: TECO's Responses Staff's First Request to Produce Documents, No. 1. (Bates No. 00207-00208)

64

TECO's Responses Staff's First Request to Produce Documents, No. 1.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
STAFF'S FIRST REQUEST FOR PRODUCTION OF DOCUMENTS
DOCUMENT NO. 1
BATES STAMPED PAGE(S): 1
FILED: AUGUST 31, 2022

1. Please provide a 12-month schedule detailing the 2022 commodity-only price of natural gas used to develop the Petition.

A. Please see the table below for a 12-month schedule detailing the 2022 commodity only price of natural gas used to develop the Petition.

Month	Natural Gas Supply (a) $/mmbtu
Jan 2022	4.02
Feb 2022	6.27
Mar 2022	4.57
Apr 2022	5.34
May 2022	7.27
Jun 2022	8.91
Jul 2022	6.55
Aug 2022	5.68
Sep 2022	5.65
Oct 2022	5.66
Nov 2022	5.77
Dec 2022	5.89
Average	5.96

(a) Natural Gas Supply prices for Jan-Dec 2022 using the average of 5 NYMEX trading days ending 7/7/22 (commodity basis not included)

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 65
PARTY: Staff Exhibit 65
DESCRIPTION: TECO's Responses Staff's Second Request to Produce Documents, No. 2. (Bates No. 00209-00210)

65

TECO's Responses Staff's Second Request to Produce Documents, No. 2.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
STAFF'S SECOND REQUEST FOR PRODUCTION OF DOCUMENTS
DOCUMENT NO. 2
BATES PAGE(S): 1
FILED: SEPTEMBER 27, 2022

2. Please provide a 12-month schedule detailing the 2023 commodity-only price of natural gas used to develop Tampa Electric Company's Projection Testimony and Exhibits for the period January 2023 through December 2023.

A. Please see the table below for a 12-month schedule detailing the 2023 commodity-only price of natural gas used to develop Tampa Electric's projection for the period January 2023 through December 2023.

PROJECTED MARKET PRICE FOR NATURAL GAS SUPPLY

Month	Natural Gas Supply (a) $/mmbtu
Jan 2023	8.61
Feb 2023	8.15
Mar 2023	6.79
Apr 2023	5.05
May 2023	4.87
Jun 2023	4.92
Jul 2023	4.97
Aug 2023	4.98
Sep 2023	4.96
Oct 2023	5.01
Nov 2023	5.17
Dec 2023	5.39
Average	5.74

(a) Natural Gas Supply prices for Jan-Dec 2023 using the average of 5 NYMEX trading days ending 8/1/22 (commodity basis not included)

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 66
PARTY: Staff Exhibit 66
DESCRIPTION: TECO's Response OPC's First Request to Produce Documents and Supplemental Response, No. 1. (Bates N...

66

TECO's Response OPC's First Request to Produce Documents and Supplemental Response, No. 1.

AUSLEY & MCMULLEN

ATTORNEYS AND COUNSELORS AT LAW

123 SOUTH CALHOUN STREET
P.O. BOX 391 (ZIP 32302)
TALLAHASSEE, FLORIDA 32301
(850) 224-9115 FAX (850) 222-7560

April 8, 2022

VIA: ELECTRONIC TRANSMISSION

Ms. Mary Wessling
Office of Public Counsel
111 West Madison Street, Room 812
Tallahassee, FL 32399-1400
wessling.mary@leg.state.fl.us

Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance Incentive Factor; FPSC Docket No. 20220001-EI

Dear Ms. Wessling:

Attached are Tampa Electric Company's answers to Citizen's Request for Production of Documents (Nos. 1-8), propounded and served by electronic mail on March 9, 2022.

Sincerely,

Malcolm N. Means

MNM/bmp
Attachment

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PRODUCTION OF DOCUMENTS
DOCUMENT NO. 1
BATES PAGES: 1-286
FILED: APRIL 8, 2022

1. Please provide all documents identified in Citizens' Interrogatories 1-28.

A. Please see attached.

work_order_id	task_id	equipment_desc	work_order_desc
2730518	1	Unit #1 ST Hydrogen Dryer	Frequent 4-way valve failure alarm/ Dewpoint analyzer is indicating "OVER RANGE"
2730518	2	Unit #1 ST Hydrogen Dryer	Frequent 4-way valve failure alarm/ Dewpoint analyzer is indicating "OVER RANGE"
2730518	3	Unit #1 ST Hydrogen Dryer	Frequent 4-way valve failure alarm/ Dewpoint analyzer is indicating "OVER RANGE"
2731620	1	Equipment Labeling	Label needs update. Unit 1/ Building SPEECC Steam Turbine/ 1-NHS-MCC-1ST3 1HF
2731628	1	1-WTS-HHS-006 Intake hypochlorite solenoid	There is a Broken LB box and damaged conduit which routes the cable to Hypochlorite solenoid valve/
2733191	1	CT 1 EXCITER	GTG EXCITER SYS CORE 1 FAULT is bring in a "NOT READY TO START" ON Unit 1.
2734091	1	1-CNL-PSL-907	ST1 Hood Spray Low Pressure Switch Has Failed Giving An Alarm Back To The DCS.
2738162	2	Unit 1 ST Hydraulic Reservoir	Mark VI is getting an alarm for low hydraulic fluid level.
2740211	1	Unit 1 Steamer Hood Spray Valve	Hood spray valve is open continuously
2741705	1	Unit 1 CT Generator Level Switches	PM Anual: Test Seal oil liquid level detector and Generator liquid level detector.

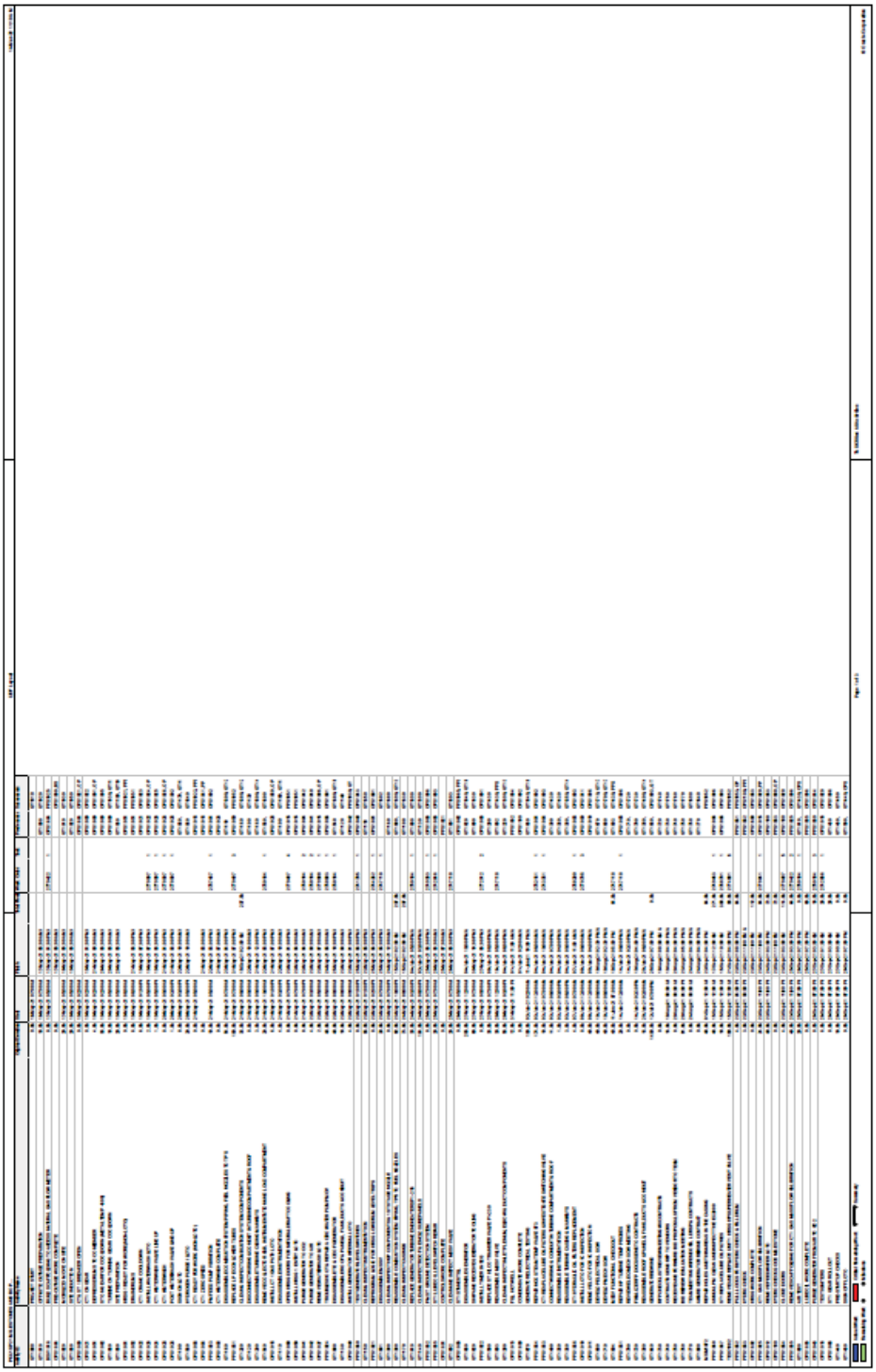
work_order_id	task_id	equipment_desc	work_order_desc
2742046	1	ST #1 Lube oil low level switch	ST #1 has a low lube oil level alarm.
2742046	2	ST #1 Lube oil low level switch	ST #1 has a low lube oil level alarm.
2742856	1	Unit # 1 CT Igniter	Semi Annual PM Unit 1 igniters (Spark Plugs).
2743351	1	Unit #1 CT lube oil filter and switching valve	Filters would not isolate and switching valve was shearing pins
2744262	1	DCS HRSG1 Low Drum Level CT trip	Low HRSG1 drum level will stop the CT without alerting operator as to why. No alarm is generated; Problem is wih HP and MP drum levels.
2747118	1	STG 1 HP Turbine Temperatures	Unit Number: ST1 Serial Number:270T280 Case # : MND-20191105-0673 Alarm: STM-- 270T280 -- Water Induction Escalation
2749353	1	Unit #1 ST Generator Excitation EX2000	PM Semi Annual Ground Detector
2749433	1	Unit #1 ST Generator Excitation EX2000	PM Annual During Outage Clean/insp EX2000
2750184	2	23HG-1,2 CT1 Generator Space Heater	Generator space heater wire T2 from starter bucket is reading grounded and is showing up on the B bus 480V ground detection panel in S1 substation.
2750184	3	23HG-1,2 CT1 Generator Space Heater	Generator space heater wire T2 from starter bucket is reading grounded and is showing up on the B bus 480V ground detection panel in S1 substation.

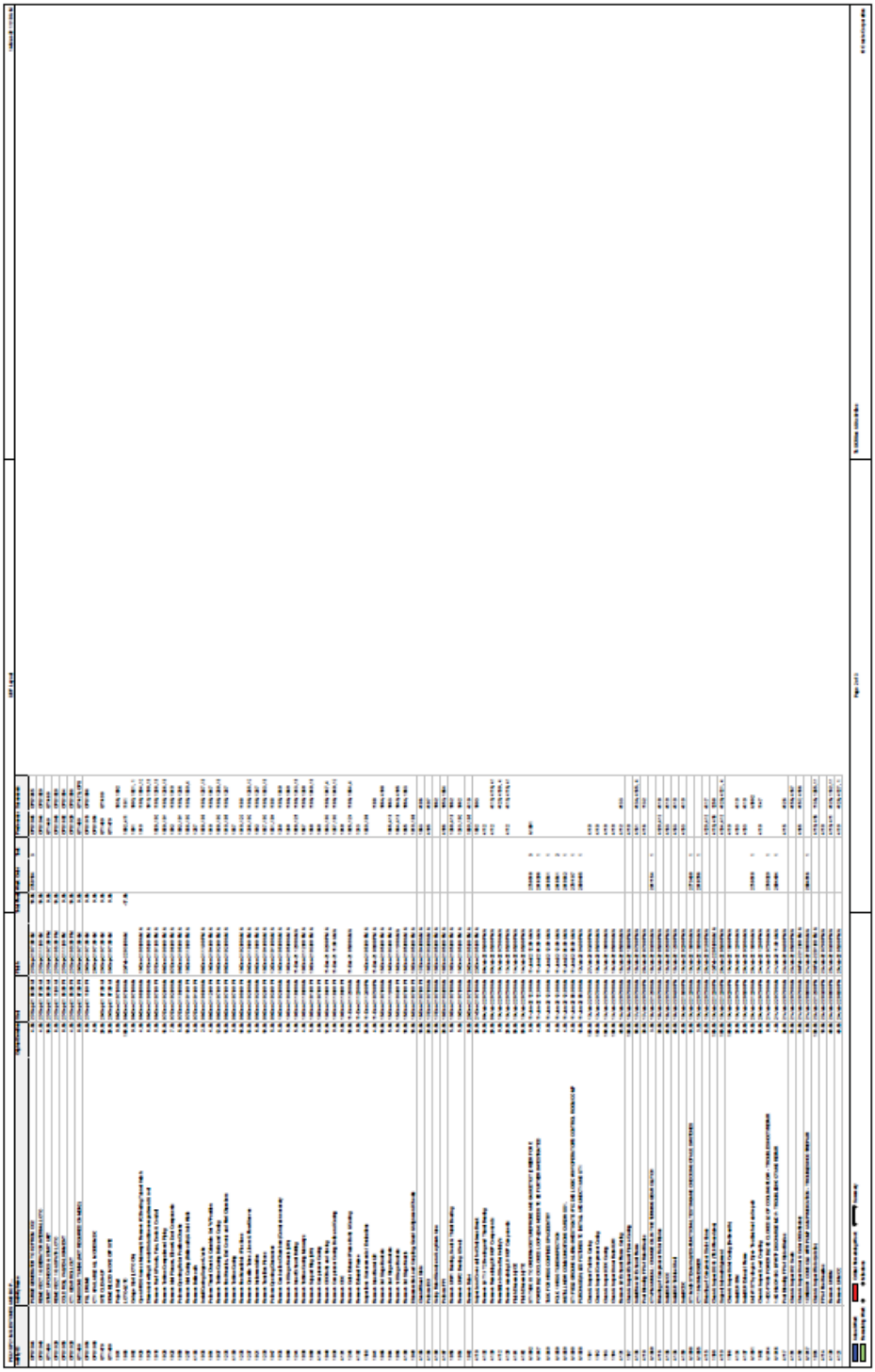
work_order_id	task_id	equipment_desc	work_order_desc
2750893	1	Unit 1 Condenser Cooling Pump A DISCHARGE MOV	Could not Start A Pump. It looks like the intermediate position limit switch in MOV actuator is not working. Attempted start yielded MOV stroking full open then shut, no motor start. Started OK with B running
2751634	1	#1ST BAC VENT FAN NO.2 88PT-2	Motor run failure alarm in @ approx 0200, 6/1/2020. #2 vent fan drive motor is shorted to ground
2752161	1	1-SHP-TCV-973 (Unit1 NOX Control Temp. Valve)	Repair Positioner feedback arm with a permanent fix. See notes.
2756334	1	Unit1 Exhaust Frame/ BRG 2 TunnelTemperature	Median Temperature came in alarm @ 335 Degrees, Unit shuts down @ 350 Degrees. Lead fan running and field operator checked the Fan to be OK. Called B Hall to take a look.
2757375	1	CT1 EX2000 Primary Core Blower Assembly, BM2	Blower motor has imbalanced motor winding resistance values and is blowing fuses.
2757457	1	Feed Water Pumps - Vibration Monitor	PM Annual
2763774	1	PPS CT1 Hydrogen Dryer 1-GMH-DRY-902	PM TriAnnual: Replace desiccant per performance.
2763774	2	PPS CT1 Hydrogen Dryer 1-GMH-DRY-902	PM TriAnnual: Replace desiccant per performance.
2763775	1	PPS ST1 Hydrogen Dryer	PM TriAnnual: Replace desiccant per performance.
2763775	2	PPS ST1 Hydrogen Dryer	PM TriAnnual: Replace desiccant per performance.

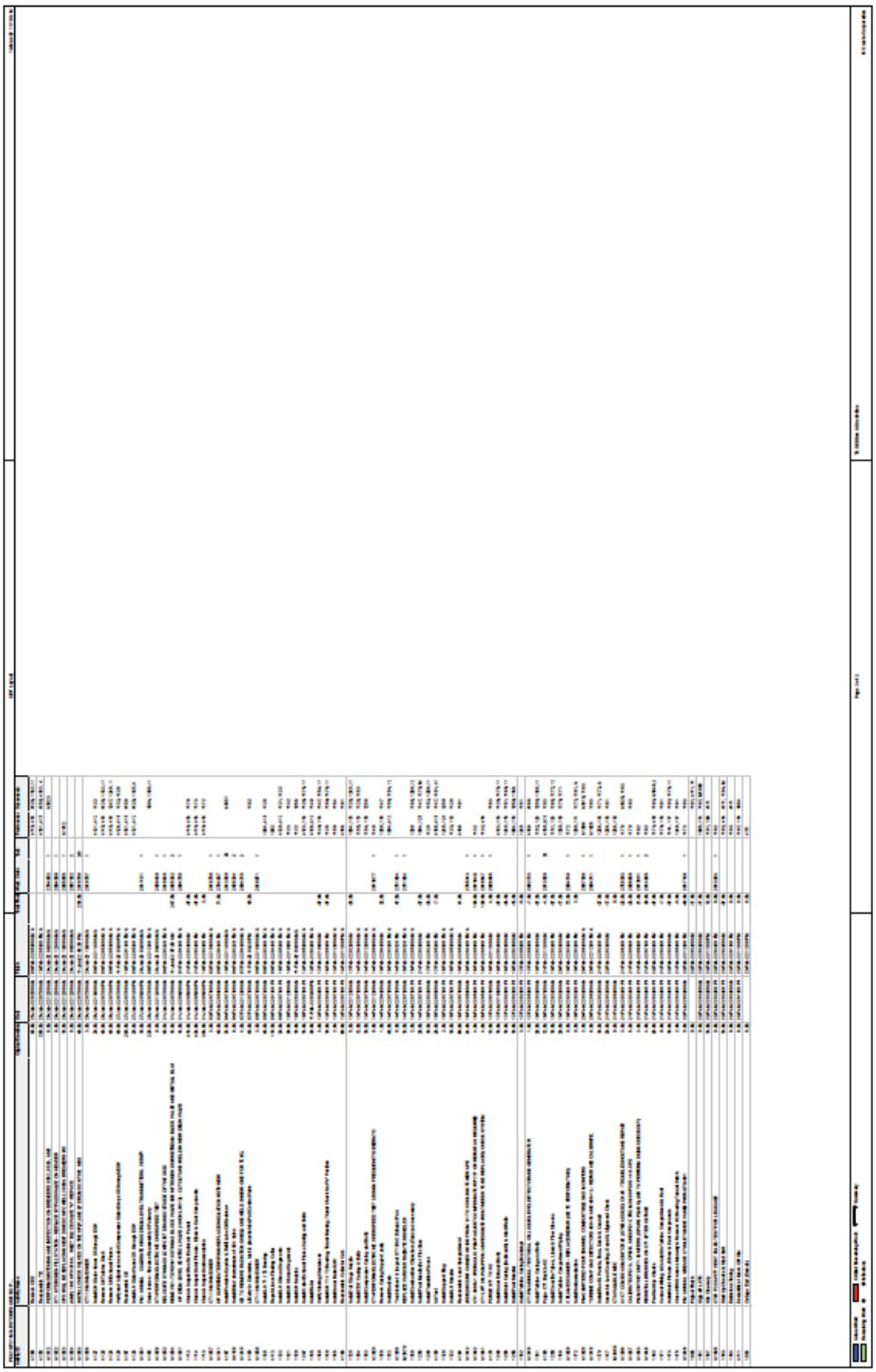
work_order_id	task_id	equipment_desc	work_order_desc
2768200	1	Unit #1 ST Hydraulic Filters 1-HAS-PKG-902	PM Semi- Annual - Change Polishing and Selexsorb Filters (AFS)
2768701	1	Steam Turbine Oil Filters PM	PM Annual Change Filters PWR-STG-901
2768909	1	Unit 1 ST Generator Level Switches	PM Monthly: Test seal oil and liquid level detectors.
2776648	1	Condenser cooling water MOV-008 for pump 'A'	MOV-008 for condenser cooling water pump 'A' is not opening. SEE ATTACHMENTS ON EACH TASK FOR DRAWINGS.
2776648	2	Condenser cooling water MOV-008 for pump 'A'	MOV-008 for condenser cooling water pump 'A' is not opening. SEE ATTACHMENTS ON EACH TASK FOR DRAWINGS.
2776648	3	Condenser cooling water MOV-008 for pump 'A'	MOV-008 for condenser cooling water pump 'A' is not opening. SEE ATTACHMENTS ON EACH TASK FOR DRAWINGS.
2776648	4	Condenser cooling water MOV-008 for pump 'A'	MOV-008 for condenser cooling water pump 'A' is not opening. SEE ATTACHMENTS ON EACH TASK FOR DRAWINGS.
2776648	5	Condenser cooling water MOV-008 for pump 'A'	MOV-008 for condenser cooling water pump 'A' is not opening. SEE ATTACHMENTS ON EACH TASK FOR DRAWINGS.
2776648	7	Condenser cooling water MOV-008 for pump 'A'	MOV-008 for condenser cooling water pump 'A' is not opening. SEE ATTACHMENTS ON EACH TASK FOR DRAWINGS.
2776839	2	CT-1 and Line 230613 Offline trip test	Requirement of six year offline trip test as per PRC-005-6

work_order_id	task_id	equipment_desc	work_order_desc
2776840	2	ST-1 and Line 230614 Offline trip test	Requirement of six year offline trip test as per PRC-005-6
2779041	1	PM Semi-Annual Gas Fuel Flow Transmitter (CEMS)	PM Semi-Annual Unit 1 CEMS Gas Flow Transmitter Requires Calibration
2779422	1	PK1 Gas Fuel Flow Transmitter (CEMS)	PM REQUIRES ACCESS TO EQUIPMENT
2779422	2	PK1 Gas Fuel Flow Transmitter (CEMS)	PM REQUIRES ACCESS TO EQUIPMENT
2779497	1	HRSG LP Economizer	LP economizer last harp sections at the stack, are below MW just above the header and below the fined tube section (dew point corrosion) 3 wide, 50 tubes each for a total of 150. replacing the lower 2' of each tube into the header
2779497	2	HRSG LP Economizer	LP economizer last harp sections at the stack, are below MW just above the header and below the fined tube section (dew point corrosion) 3 wide, 50 tubes each for a total of 150. replacing the lower 2' of each tube into the header
2779497	3	HRSG LP Economizer	LP economizer last harp sections at the stack, are below MW just above the header and below the fined tube section (dew point corrosion) 3 wide, 50 tubes each for a total of 150. replacing the lower 2' of each tube into the header
2779497	4	HRSG LP Economizer	LP economizer last harp sections at the stack, are below MW just above the header and below the fined tube section (dew point corrosion) 3 wide, 50 tubes each for a total of 150. replacing the lower 2' of each tube into the header
2779497	5	HRSG LP Economizer	LP economizer last harp sections at the stack, are below MW just above the header and below the fined tube section (dew point corrosion) 3 wide, 50 tubes each for a total of 150. replacing the lower 2' of each tube into the header
2779497	6	HRSG LP Economizer	LP economizer last harp sections at the stack, are below MW just above the header and below the fined tube section (dew point corrosion) 3 wide, 50 tubes each for a total of 150. replacing the lower 2' of each tube into the header

work_order_id	task_id	equipment_desc	work_order_desc
2779795	1	PPS 1-STX-XNS-1C STATION SERVICE 1C	NEEDS INSPECTION
2779795	2	PPS 1-STX-XNS-1C STATION SERVICE 1C	NEEDS INSPECTION
2779795	3	PPS 1-STX-XNS-1C STATION SERVICE 1C	NEEDS INSPECTION
2779795	4	PPS 1-STX-XNS-1C STATION SERVICE 1C	NEEDS INSPECTION
2779811	1	Polk 1 HRSG	The Polk Unit 1 HRSG is in need of a complete HRSG inspection to evaluate upcoming needed repairs for future outage planning
2779907	1	PK1 CTG Comnpressor	Needs Waterwash
2779908	1	PK1 CT COMBUSTION SECTION	NEEDS COMBUSTION INSPECTION







Tampa Electric
Polk Power Station
Polk CT1

Generator Stator Core Discovery

Bill Fowler
Engineering Fellow, Asset Management
Tampa Electric Company

Generator – GE 7FH2

224,310 KVA
18,000 Volts
7,195 Amps
45 PSI Hydrogen
Built in Schenectady, NY.
Serial number 337X011
Placed in commercial service - September 1, 1996
Combined cycle 1 on 1 burning syngas from a coal gasifier

Scheduled Spring Planned Outage

- Start - May 19, 2021
- End – June 1, 2021
- Duration – 14 Days
- Primary planned activities;
  - Combustion Hardware Inspection
  - Generator Heater Repair Requiring Upper Half Endbell Removal (both CE & TE)
  - No known operational issues with the generator

- The generator was last inspected in 2015 using Magic robot finding no significant issues at that time. Access into the generator was only made only from the collector end.
- Since both endbells were off during the 2021 minor outage, we considered pulling the upper inner gas baffles on both ends to permit limited inspection of the stator winding end turns and rotor.
- The collector end of the machine appeared normal although there were some signs of oil ingress.
- Inspection of the turbine end revealed a mysterious object in the air gap between the stator and rotor.

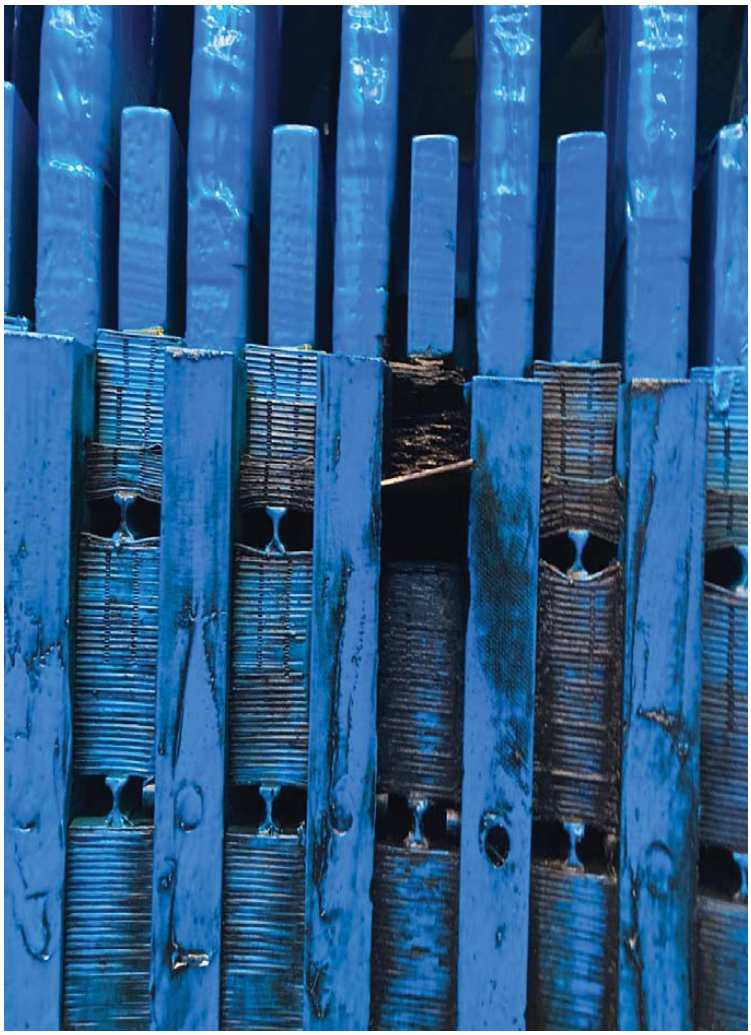
06/01/2021 23:46

What is it?

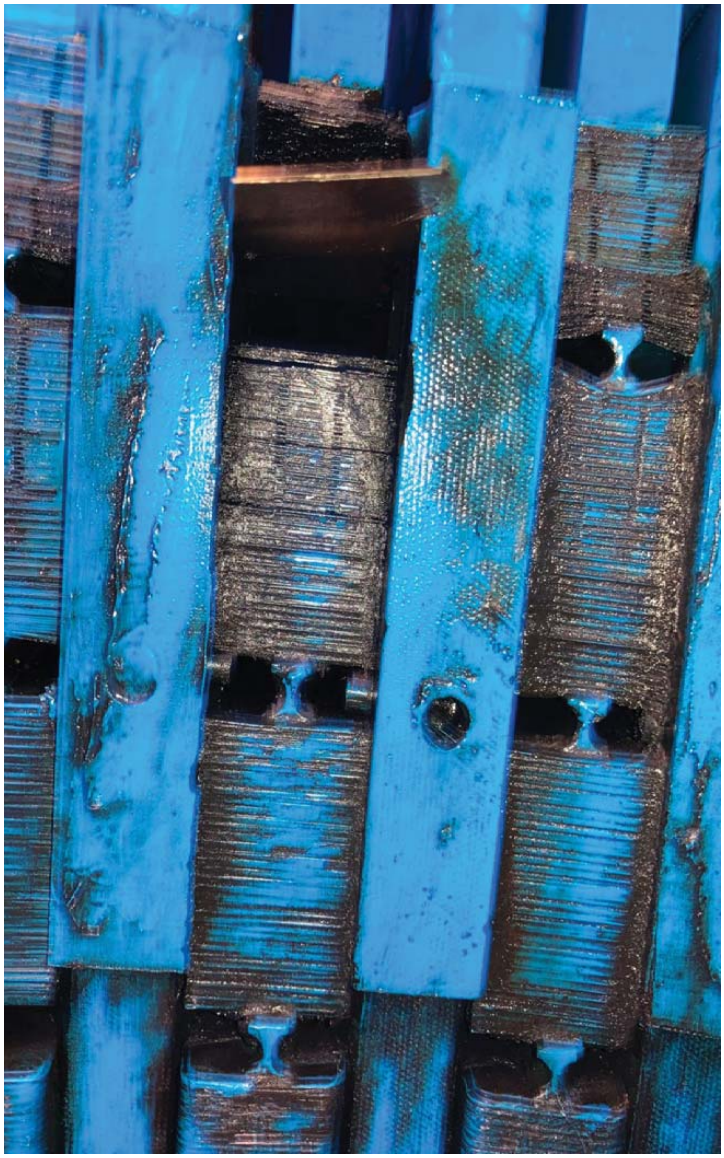
- Black in color.
- Is it burning, greasing, or both?
- What material is it?
- Where is it coming from?
- How significant is this?
- Appears to be riding on the TE retaining ring.
- Tested and found to be magnetic material, perhaps stator core iron.
- Time to pull the rotor. (unplanned)

Stator Core Iron at 1 o'clock Position

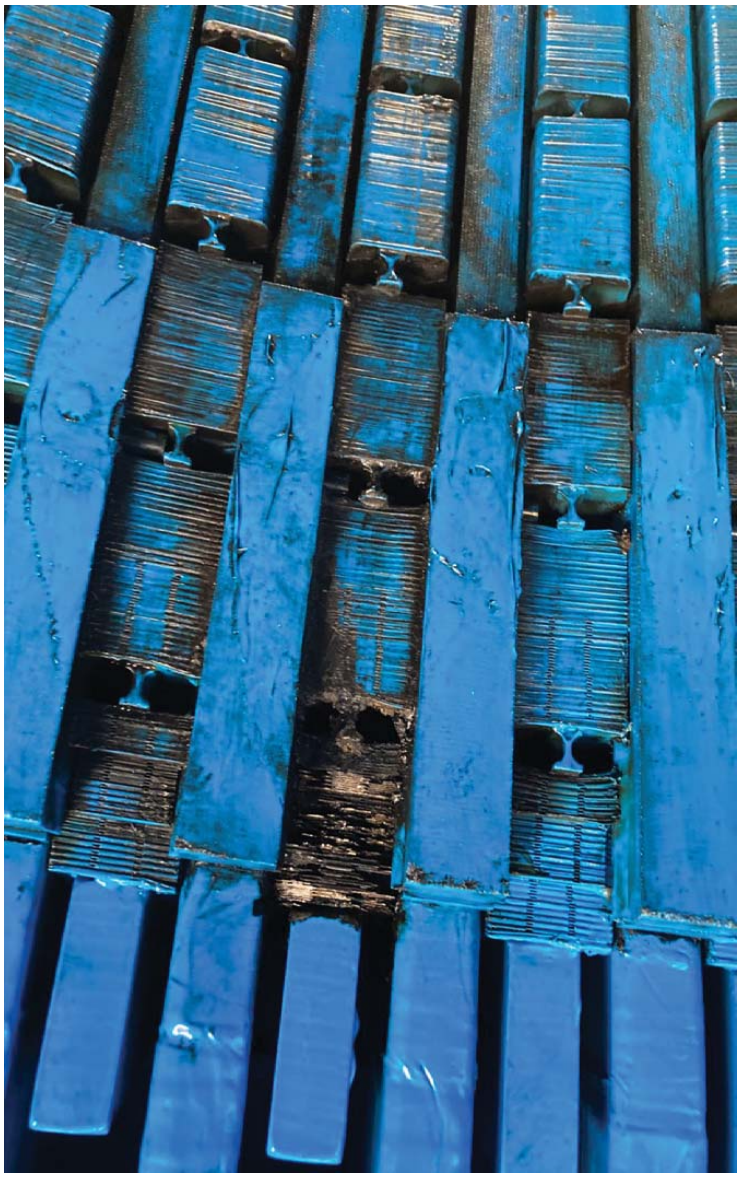
Stator Core at 1 o'clock



Stator Core at 1 o'clock, Greasing Removed



Stator Core at 9 o'clock position



Stator Core Iron at 9 o'clock

TE Core Iron Greasing

TE Retaining Ring Damage

Rotor Body Dings & Dents

Partially Blocked Cooling Passage

Hydrogen Coolers with Debris

Magnetic Debris Found in Hydrogen Coolers

What do we do now?

Stator Core Iron Test

- Performed an ELCID test of complete stator core
- Results showed only one small location at approximately 100 mA
- All other slots/iron were below 20 mA

Stator Winding High Potential Test

- Meggered winding at 5KV, polarization index above 5
- DC high potential test to 40 KVDC
- All three phases passed

Known Rotor Issues

- Flux probe test performed several months before the outage revealed at least two shorted turns.
- TE retaining ring is damaged and will need repair (if possible) and NDE to prove suitability for continued service.
- Internal cooling passages contaminated with metallic greasy residue.
- Collector rings are worn to the point there is very little depth to the machined grooving in the surface.
- Rotor has been in operation for approximately 25 years.

20220001-EI Staff Hearing Exhibits 00243

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022

Repair Options/Choices

STATOR

- Clean up the stator and leave as is
- Clean and bond damaged stator core iron together
- Replace the damaged core iron and restack which will require a complete stator rewind
- Replace the entire stator and frame assembly

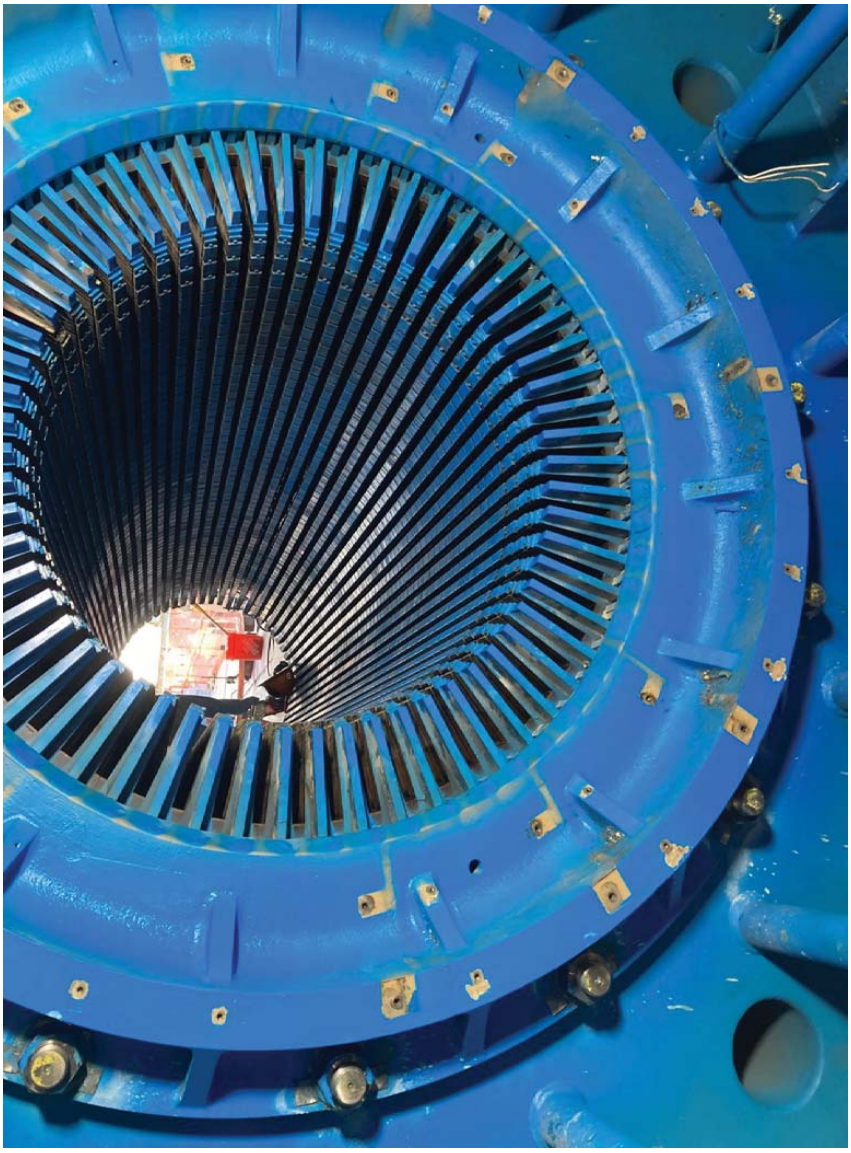
ROTOR

- Clean up the rotor without disassembly and leave as is
- Rewind the rotor
- Exchange the rotor with another that has been rewound

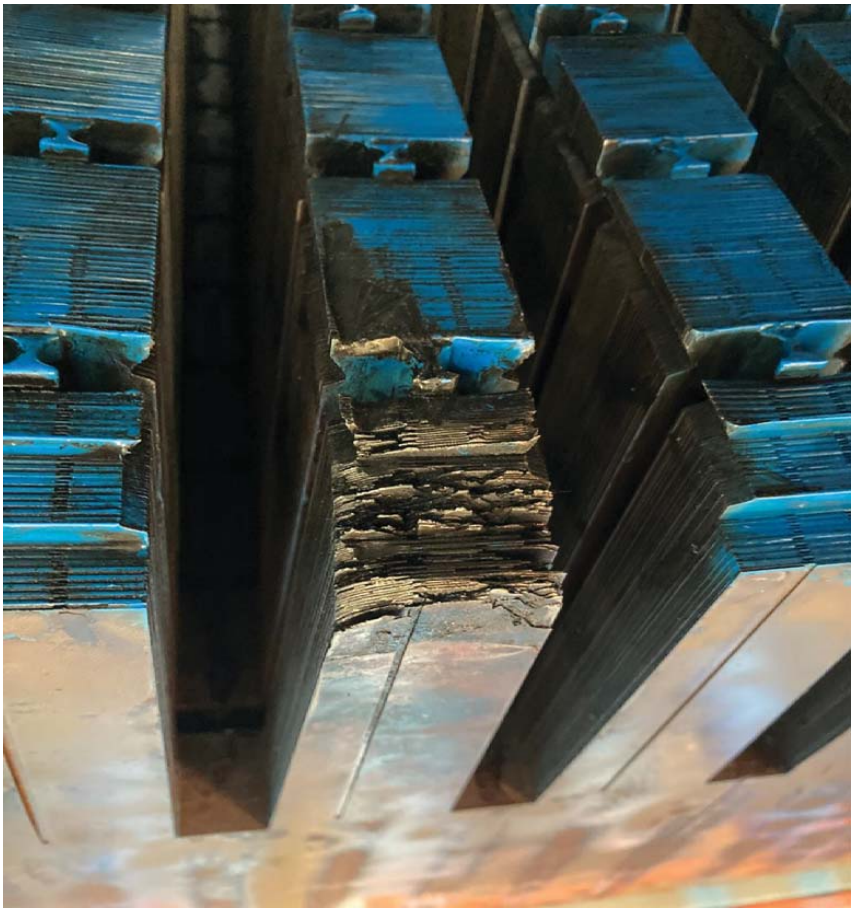
Restoration Decisions Made

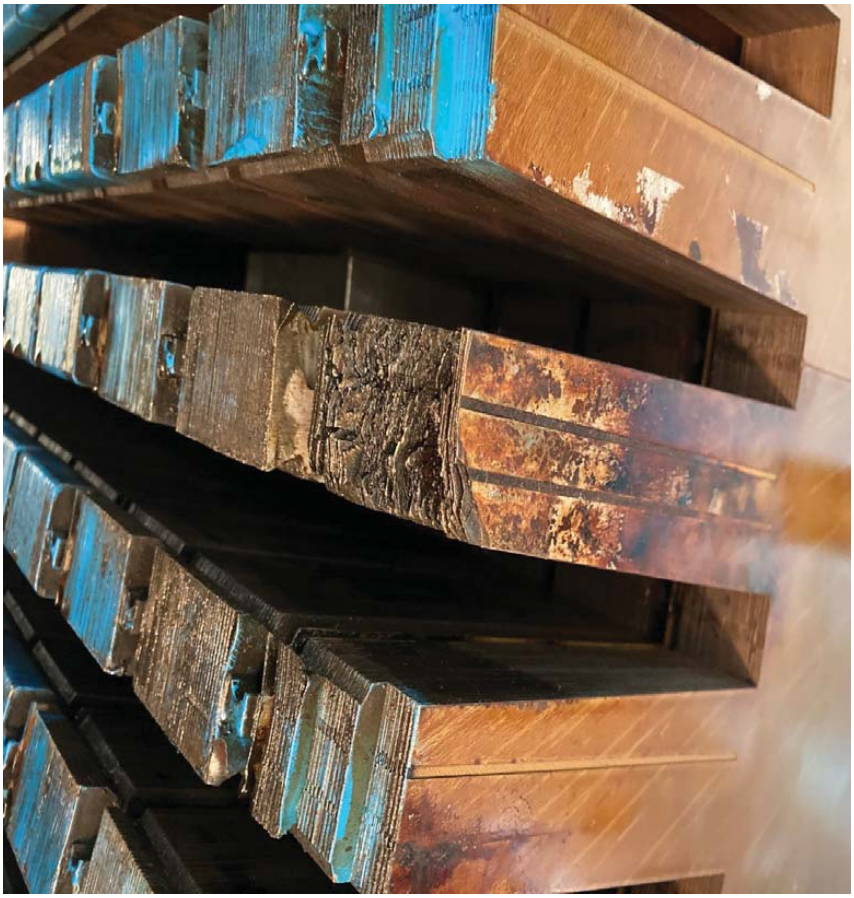
- Rewind the stator – complete winding readily available
- Replace damaged core iron up to 5 packets, restack and compress in place (horizontally)
- Rewind the rotor with existing copper, all new insulation, new collector rings, high speed balance

Stator Core Iron with Winding Removed



Two Areas of Damaged Core Step Iron

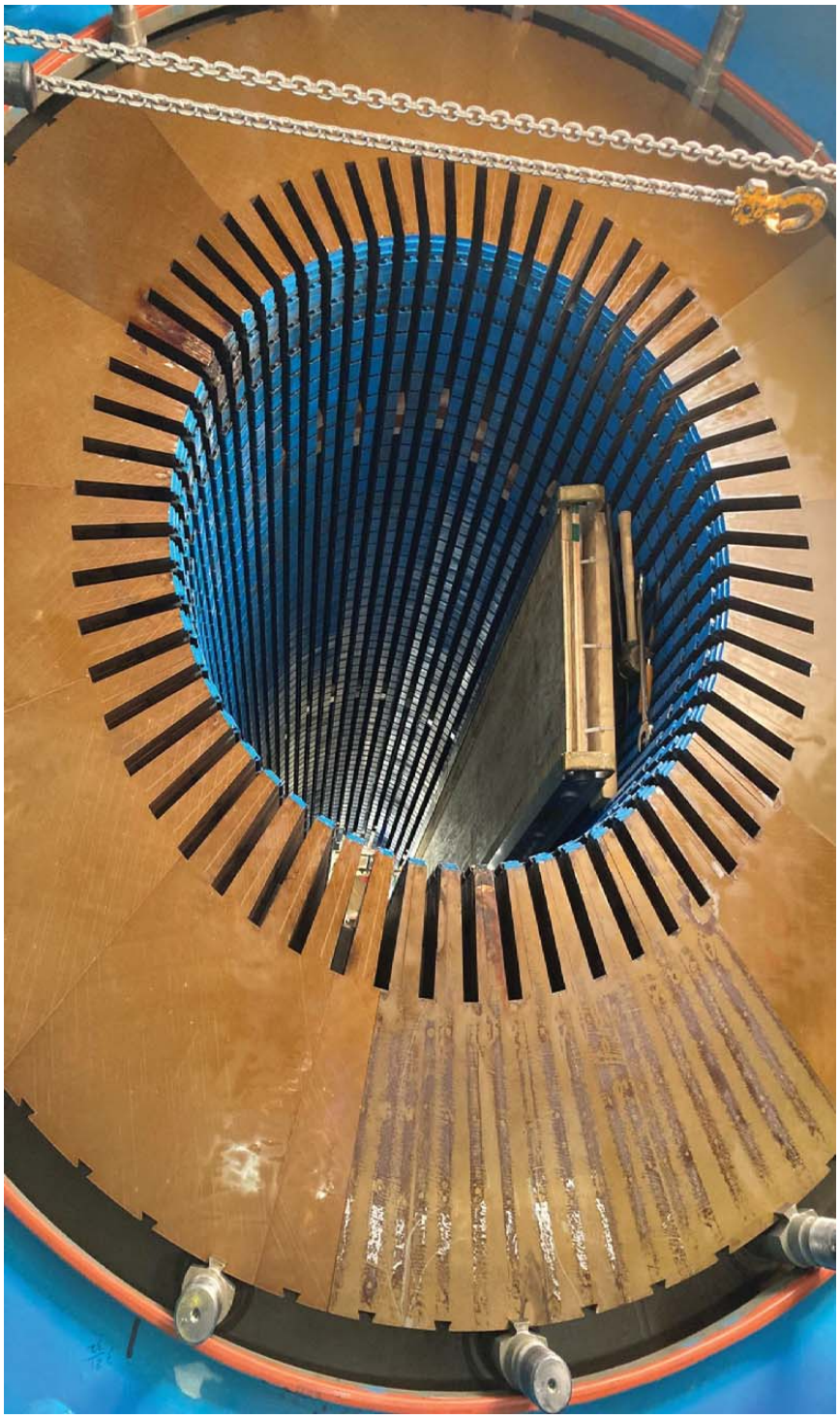




Maintaining Core Compression

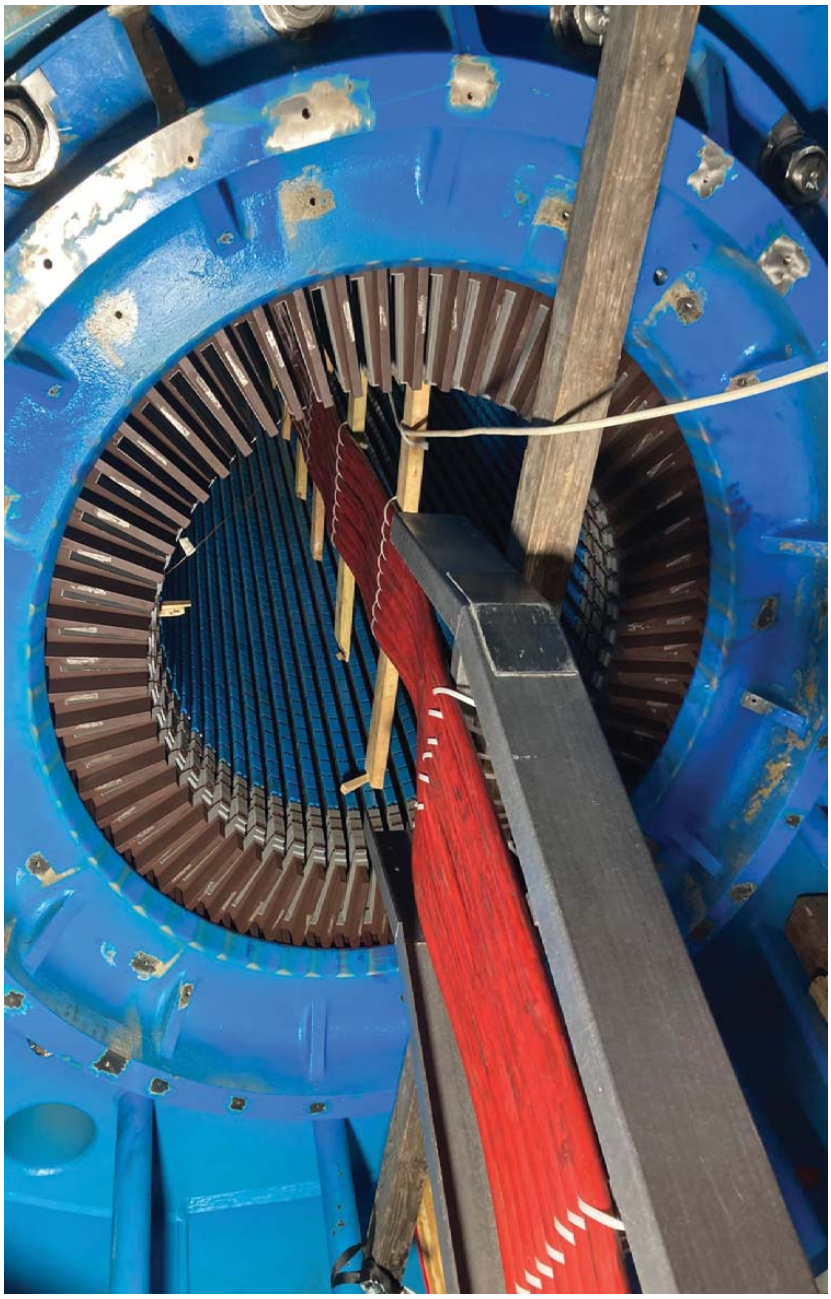
Core Compression Tooling

Core Compression Ring Removed



Broken Iron Lamination and Inside Spacer Block

Loop Test After New Core Iron Installed



Damaged Ground Wall Insulation, Top Bar Slot 20

Root Cause

- GE verbally acknowledged that the first 24 machines built in Schenectady of this size had a defective core compression process. GE can identify these machines by serial number.
- The key bar nuts were originally torqued to 2,000 ft. lbs.
- Thermal cycling may have contributed to loosing of the core iron.
- Since cores are originally stacked in a vertical orientation with the TE up, the loose core iron issue only occurs on the TE.
- Difficult area to inspect with Magic, may want to consider rotor out inspections.

Core Iron Issue Resolution

- Replace damaged core iron (while in the horizontal position) up to two packets beyond visibly damaged iron.
- Re-torque key bar nuts to 3,000 ft. lbs.
- Thermally cycle the core iron to 100°C with bake heaters for 4 hours after initial tightening.
- Re-check iron lamination tightness and drive insulation wedges into loose areas as needed.
- Paint new iron after torquing with red eye epoxy.

From:	Bombe, Tony (FieldCore)
To:	Hall, Brian L.; Kennedy, Ronald R.
Cc:	Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject:	Daily update during outages - 5/22
Date:	Saturday, May 22, 2021 5:34:54 PM
Attachments:	Roster_TECO Polk_Unit 1 CI 2021_5-22.pdf

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Ron / Brian,

Current Status Update as of 05/22 @ 0700. I forgot to hit send this morning!

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine Hung – Generator In Progress – Steam Turbine Not Started
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine
Onboard Crew: Site Specific, Quality Induction, GE Orientation, FME Training
Setup FME Areas Gas Turbine / Generator
Remove Combustion Piping
Remove T3 Bearing Instrumentation
Remove T4 Bearing Instrumentation
Remove Load Coupling Guard Bottom Pan (Generator End)
Erect Scaffolding Load Compartment
Perform Thrust Check (.014")

Ongoing Items Gas Turbine
Remove Fuel Nozzles
Remove Collector Cab Roof Panel
Remove Load Compartment Roof / Wall Panels

Completed Items Steam Turbine
Setup Bolt World
Erect Barricade Around Deck Opening
Remove Deck Plate Over Main Stop Valve

Remove Instrumentation Control Valve Actuator

Ongoing Items Steam Turbine
LOTO
Disassemble Main Stop / Control Valve

Issues
Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand
Generator LOTO Not Completed – Should Be Complete This Morning – Minor Delay
Steam Turbine LOTO Not In Progress – Delaying Work On Stop Valve

Parts / Tools / Consumables
Precision Tools For Bearing / Hydrogen seal Dimensional Checks – Schedule For Delivery 5/24 AM

-

Open items
Compartment Gantry Crane – Moving Better With Use

-

Additional / General Notes

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

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tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:SATURDAY, MAY 22, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
CARLOS CRUZ	DAY SHIFT FES (QC)		
CODY FRANKLIN	SAFEY SPECIALIST		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
PAUL HYJEK	MILLWRIGHT		
GREG RHOTON	MILLWRIGHT		
KIM MARTIN	MILLWRIGHT		
RANDY JOHNSON	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
JASON FIELDS	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
JOHN PALMER	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
PHILLIP BEAGEZ	MILLWRIGHT		
SAMUEL BEAUGEZ	MILLWRIGHT APP		
RHETT BALL	MILLWRIGHT APP		
ERIC LEGUS	MILLWRIGHT APP		
JACOB KOACH	MILLWRIGHT APP		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		

THOMPSON INDUSTRIAL

CODY HULETT	COVID CLEANING		

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:SATURDAY, MAY 22, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE		

APM CREW

KIRK MAY	SUPERINTENDENT		
PATRICK COLE	MILLWRIGHT FOREMAN		
PAUL DENARDO	MILLWRIGHT		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
CHRISTOPHER WALSH	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
YADIEL SANTANA	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Sunday, May 23, 2021 7:59 AM
To: Hall, Brian L.; Kennedy, Ronald R.
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: RE: Daily update during outages - 5/23
Attachments: Roster_TECO Polk_Unit 1 CI 2021_5-23.pdf

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Ron / Brian,

Current Status Update as of 05/23 @ 0700.
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Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine Hung
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine
Remove Fuel Nozzles
Remove Combustion Liners
Remove Inner Crossfire Tubes
Remove Flow Sleeves
Remove Collector Cab Roof Panel
Remove Load Compartment Roof / Wall Panels
Remove T4 Outer Oil Deflector

Ongoing Items Gas Turbine
Remove Transition Pieces
Clean & Inspect S1N
Clean & Inspect Combustion Casings
Remove Outer Crossfire Tubes
Clean & Inspect Removed Combustion Capitols
Remove T4 Bearing Cap & U/H Bearing
Remove CE Hydrogen Seals & Casings
Remove T4 inner Oil Deflector
Remove CE U/H Outer End Shield

Completed Items Steam Turbine
Setup Bolt World

Erect Barricade Around Deck Opening
Remove Deck Plate Over Main Stop Valve
Remove Instrumentation Control Valve Actuator

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Disassemble Main Stop / Control Valve

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Precision Tools For Bearing / Hydrogen seal Dimensional Checks – Schedule For Delivery 5/24 AM

Open items
Compartment Gantry Crane – Moving Better With Use

Additional / General Notes

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

M +1 407-492-0798 | pFax +1 407-641-9859
tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:SUNDAY, MAY 23, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
DAVE WILKINSON	CONTROLS SPECIALIST GT		
CARLOS CRUZ	DAY SHIFT FES (QC)		
CODY FRANKLIN	SAFEY SPECIALIST		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
PAUL HYJEK	MILLWRIGHT		
GREG RHOTON	MILLWRIGHT		
PAUL DENARDO	MILLWRIGHT		
KIM MARTIN	MILLWRIGHT		
RANDY JOHNSON	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
JASON FIELDS	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
JOHN PALMER	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
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DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		

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TECO POLK SPRING 2021

NIGHT SHIFT

DATE:SUNDAY, MAY 23, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE		

APM CREW

KIRK MAY	SUPERINTENDENT		
RICKY EWING	SUPERINTENDENT		
PAUL DENARDO	MILLWRIGHT		
PATRICK COLE	MILLWRIGHT FOREMAN		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
CHRISTOPHER WALSH	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
YADIEL SANTANA	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Monday, May 24, 2021 6:14 PM
To: Hall, Brian L.; Kennedy, Ronald R.
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: RE: Daily update during outages - 5/24
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Ron / Brian,

Current Status Update as of 05/24 @ 0700. Sorry for sending late again – been a busy day!

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine Hung
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine

Remove Transition Pieces
Remove Transition Piece Forward Supports (Bullhorns)
Clean & Inspect S1N
Remove Outer Crossfire Tubes
Remove T4 Bearing Cap & U/H Bearing
Remove CE Hydrogen Seals & Upper Hydrogen Seal Casing
Remove Load Coupling Guard (Generator End) & Grounding Brush Holders / Brushes
Remove T3 Outer Oil Deflector, Bearing Cap & U/H Bearing
Remove CE & TE Upper End Shield Access Covers
Detension CE & TE End Shield Internal Horizontal Joint Bolts
Uncrate Refurbished Transition Pieces – Put Old Transition Pieces Into Boxes
Establish FME Zone 1 Turbine Compartment, Load Compartment And Collector Cab
Clean & Inspect S1N

Ongoing Items Gas Turbine

Clean & Inspect Combustion Casings
Install Outer Crossfire Tubes
Clean / Close Out Inspection Of Wrapper
Stage Refurbished Combustion Liners And Fuel Nozzles
Clean & Inspect Removed Combustion Capitols
Perform Final Clean Combustion Wrapper / Prep For Transition Piece Installation

Clean & Inspect Removed Combustion Components

Completed Items Steam Turbine
Walk Down LOTO – Sign / Lock On – Set Up Satellite Box
Remove Control Valve Hydraulic Piping
Remove Control Valve Instrumentation
Uncouple Control Valve Stem From Hydraulic Actuator
Remove Control Valve Hydraulic Actuator
Detension Control Valve Spring And Remove

Ongoing Items Steam Turbine
Disassemble Main Stop / Control Valve
Investigate Main Stop Valve Position Indicator Instrumentation Issue

Issues
Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order

Parts / Tools / Consumables
Precision Tools For Bearing / Hydrogen seal Dimensional Checks – Schedule For Delivery 5/24 AM – Tooling On Site

Open items
Compartment Gantry Crane – Moving Better With Use – Crane Has Freed Up With Use

Additional / General Notes

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

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tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:MONDAY, MAY 24, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
CARLOS CRUZ	DAY SHIFT FES (QC)		
CODY FRANKLIN	SAFEY SPECIALIST		
SRIRAM IYER	IT LEADERSHIP		
DIANE COLEMAN	IT LEADERSHIP		
JOHN PHIFER	IT LEADERSHIP		
MEHRAN ALIDAEI	IT LEADERSHIP		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
PAUL HYJEK	MILLWRIGHT		
GREG RHOTON	MILLWRIGHT		
KIM MARTIN	MILLWRIGHT		
RANDY JOHNSON	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
JASON FIELDS	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
JOHN PALMER	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
PHILLIP BEAGEZ	MILLWRIGHT		
SAMUEL BEAUGEZ	MILLWRIGHT APP		
RHETT BALL	MILLWRIGHT APP		
ERIC LEGUS	MILLWRIGHT APP		
JACOB KOACH	MILLWRIGHT APP		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		

THOMPSON INDUSTRIAL

CODY HULETT	COVID CLEANING		

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:MONDAY, MAY 24, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE		

APM CREW

KIRK MAY	SUPERINTENDENT		
RICKY EWING	SUPERINTENDENT		
PAUL DENARDO	MILLWRIGHT		
PATRICK COLE	MILLWRIGHT FOREMAN		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
CHRISTOPHER WALSH	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
YADIEL SANTANA	MILLWRIGHT APP		

TECO POLK SPRING 2021

DAY SHIFT

DATE:TUESDAY, MAY 25, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
CARLOS CRUZ	DAY SHIFT FES (QC)		
CODY FRANKLIN	SAFEY SPECIALIST		
KINDYL SCHADE	IT LEADERSHIP		
MARIA SULLIVAN	IT LEADERSHIP		
JONATHAN FOUNTAINE	IT LEADERSHIP		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
PAUL HYJEK	MILLWRIGHT		
GREG RHOTON	MILLWRIGHT		
KIM MARTIN	MILLWRIGHT		
RANDY JOHNSON	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
JASON FIELDS	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
JOHN PALMER	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
PHILLIP BEAGEZ	MILLWRIGHT		
SAMUEL BEAUGEZ	MILLWRIGHT APP		
RHETT BALL	MILLWRIGHT APP		
ERIC LEGUS	MILLWRIGHT APP		
JACOB KOACH	MILLWRIGHT APP		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		

THOMPSON INDUSTRIAL

CODY HULETT	COVID CLEANING		

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:TUESDAY, MAY 25, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE		

APM CREW

KIRK MAY	SUPERINTENDENT		
PATRICK COLE	MILLWRIGHT FOREMAN		
PAUL DENARDO	MILLWRIGHT		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
CHRISTOPHER WALSH	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
YADIEL SANTANA	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Tuesday, May 25, 2021 5:49 PM
To: Hall, Brian L.; Kennedy, Ronald R.
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: RE: Daily update during outages - 5/25
Attachments: Roster_TECO Polk_Unit 1 CI 2021_5-25.pdf

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Ron / Brian,

Current Status Update as of 05/25 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine Hung
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine
Clean & Inspect Combustion Casing Forward Faces
Install Outer Crossfire Tubes
Clean / Close Out Inspection Of Wrapper
Stage Refurbished Combustion Liners And Fuel Nozzles
Perform Final Clean Combustion Wrapper / Prep For Transition Piece Installation
Resolve Issue With Transition Piece Side Seal Engagement – Blend Picture Frames As Needed
Clean & Inspect Flow Sleeves
Remove New Combustion Liners Form Shipping Boxes / Put Old Combustion Liners In Shipping Boxes
Remove CE U/H Inner Oil Deflector
Remove CE U/H Outer End Shield
Remove TE H2 Seals & upper H2 Seal Casing
Inspect Removed Outer Oil Deflectors

Ongoing Items Gas Turbine
Clean & Inspect Removed Combustion Capitols
Install Transition Pieces
Remove TE U/H Inner Oil Deflector
Remove TE U/H Outer End Shield
Remove Steam Injection Control Valve

Completed Items Steam Turbine
Remove Main Steam Control Valve Bonnet / Disc – Stem Assembly
Remove Main Steam Stop / Control Valve Strainer Basket
Uncouple Main Steam Stop Valve From Actuator
Remove Main Steam Stop Valve Pressure Seal Head Pull Down Ring
Remove Main Steam Stop Valve Stem – Disc Assembly
Perform Initial Visual Inspections On Components

Ongoing Items Steam Turbine
Clean & Inspect Investigate Main Stop / Control Valve Components
Position Indicator Instrumentation Issue

Issues
Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order
Main Steam Stop Valve Stem Erosion

Parts / Tools / Consumables

Open items

Additional / General Notes

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

M +1 407-492-0798 | pFax +1 407-641-9859
tony.bombe1@ge.com

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Wednesday, May 26, 2021 5:50 AM
To: Hall, Brian L.; Kennedy, Ronald R.
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: RE: Daily update during outages - 5/26
Attachments: Roster_TECO Polk_Unit 1 CI 2021_5-26.pdf

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Ron / Brian,

Current Status Update as of 05/26 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine Hung
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine
Install Transition Pieces
Install Flow Sleeves
Install Combustion Liners
Remove TE U/H Inner Oil Deflector
Remove TE U/H Outer End Shield
Remove Steam Injection Control Valve
Dimensionally Inspect Hydrogen Seals
Remove Steam Injection Control Valve

Ongoing Items Gas Turbine
Clean & Inspect Removed Combustion Capitols
Clean & Inspect Combustion Flex Hoses
Clean & Inspect Generator End Shields
Prep Refurbished Fuel Nozzles For Installation
Replace Generator Heaters
Remove Generator Inner Gas Shields And Fan Blades For end Winding Inspection

Completed Items Steam Turbine
Clean & Inspect Investigate Main Stop / Control Valve Components
Perform Borescope (TECO) Of Main Steam Upstream Drip Leg

Ongoing Items Steam Turbine
Prep For Valve Reassembly
Perform NDE On Bonnet Studs / Stop Valve Seat / Below seat Drain
Correct Position Indicator Instrumentation Issue

Issues
Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order
Generator Field Shorted Turn – Engineering Recommended Electrical Testing And Visual Inspection of Field – Need TECO Decision On Electrical Testing
Main Steam Stop Valve Stem Erosion – Stem Replacement In Progress At Mid-State – Expect Back On Site Late 5/26 To Early 5/27
Main Steam Stop Valve Position Indicator Instrumentation Issue – New switch Rod Being Turned At Big Bend – ETA 5/28
Borescope Main Steam Supply Piping Upstream Drip Leg Noted Particulate Matter – Decision To Proceed With Borescope Of Turbine Section – Borescope Inspector En Route – ETA 5/26 Afternoon

Parts / Tools / Consumables
Generator Inner And Outer Oil Deflectors – TECO Approved Replacement Yesterday – Working To Allocate GE Parts – Unknown At This Time

Open items

Additional / General Notes

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

M +1 407-492-0798 | pFax +1 407-641-9859
tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:WEDNESDAY, MAY 26, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
CARLOS CRUZ	DAY SHIFT FES (QC)		
ROD BAKER	NIGHT SHIFT FES		
JOSE ESCOBAR	BORSCOPE (UNIT 1 ST)		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
PAUL HYJEK	MILLWRIGHT		
GREG RHOTON	MILLWRIGHT		
KIM MARTIN	MILLWRIGHT		
RANDY JOHNSON	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
JASON FIELDS	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
JOHN PALMER	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
PHILLIP BEAGEZ	MILLWRIGHT		
SAMUEL BEAUGEZ	MILLWRIGHT APP		
RHETT BALL	MILLWRIGHT APP		
ERIC LEGUS	MILLWRIGHT APP		
JACOB KOACH	MILLWRIGHT APP		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		

THOMPSON INDUSTRIAL

CODY HULETT	COVID CLEANING		

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:WEDNESDAY, MAY 26, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE		

APM CREW

KIRK MAY	SUPERINTENDENT		
RICKY EWING	SUPERINTENDENT		
PAUL DENARDO	MILLWRIGHT		
PATRICK COLE	MILLWRIGHT FOREMAN		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
CHRISTOPHER WALSH	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
YADIEL SANTANA	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Thursday, May 27, 2021 6:24 AM
To: Hall, Brian L.; Kennedy, Ronald R.
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: RE: Daily update during outages - 5/27
Attachments: Roster_TECO Polk_Unit 1 CI 2021_5-27.pdf

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Ron / Brian,

Current Status Update as of 05/27 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine Hung
Need To Roll Generator – Will have To Release PPS 6 To Get a Bearing Lift Oil Pump
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine
Clean & Inspect Removed Combustion Capitols
Prep Refurbished Fuel Nozzles For Installation
Install Fuel Nozzles
Stage Parts / Tooling For Lube Oil Filter Transfer Valve Repair – Setup Containment
Inspection Of Removed Hydrogen Seals – All Dimensions In Spec
Remove Generator TE & CE Upper Half Fan Blades And Inner Gas Shields For End Winding Inspection
Perform Visual Inspection CE & TE End Windings

Ongoing Items Gas Turbine
Clean & Inspect Combustion Flex Hoses
Install Combustion Flex Hoses
Lube Oil Filter Transfer Valve Repair
Clean & Inspect Generator Fan Blades
Clean & Inspect Generator End Shields
Replace Generator Heaters
Prep For Pulling Generator Field

Completed Items Steam Turbine
Prep For Valve Reassembly

Perform Borescope (TECO) Of Main Steam Upstream Drip Leg
Stage Tanker For Pumping Lube Oil Reservoir
Replace Stop Valve Stem

Ongoing Items Steam Turbine
Perform NDE On Bonnet Studs / Stop Valve Seat / Below seat Drain
Replace Lube Oil Reservoir For Level Indicator Replacement
Correct Position Indicator Instrumentation Issue

Issues
Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order
Generator Field Shorted Turn – Engineering Recommended Electrical Testing And Visual Inspection of Field – Need TECO Decision On Electrical Testing
Main Steam Stop Valve Stem Erosion – Stem Replacement In Progress At Mid-State – Expect Back On Site Late 5/26 To Early 5/27
Main Steam Stop Valve Position Indicator Instrumentation Issue – New switch Rod Being Turned At Big Bend – ETA 5/28
Borescope Main Steam Supply Piping Upstream Drip Leg Noted Particulate Matter – Decision To Proceed With Borescope Of Turbine Section – Borescope Inspector On Site – Inspections Should Be Completed Today – needed To Get Smaller Diameter Borescope To Access HP / IP Through Pressure Taps & Thermocouples
Generator Stator Damage Noted During Visual Inspection Of TE End Windings. Engineering Recommendation To Repair Damage Before Return To Service – Will Require Pulling Field – Reviewed Recommendation With Outage Team – Preparations To Disassemble Generator And Pull Field For Repairs In Progress

Parts / Tools / Consumables
Generator Inner And Outer Oil Deflectors – TECO Approved Replacement 5/25 – New Oil Deflectors Should Arrive On Site 5/27
Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO

Open items

Additional / General Notes
Need Operations Assistance To Release Bearing Lift Oil Pump From PPS 6 This Morning
Recommend Load Testing To BE Performed On Crane Prior To Lifting Field – Critical Component / Critical Lift – Not A Requirement

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

M +1 407-492-0798 | pFax +1 407-641-9859
tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:THURSDAY, MAY 27, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
CARLOS CRUZ	DAY SHIFT FES (QC)		
ROD BAKER	NIGHT SHIFT FES		
JOSE ESCOBAR	BORSCOPE (UNIT 1 ST)		
GENE MCCLARY	NDE (IAG)		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
PAUL HYJEK	MILLWRIGHT		
GREG RHOTON	MILLWRIGHT		
KIM MARTIN	MILLWRIGHT		
RANDY JOHNSON	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
JASON FIELDS	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
JOHN PALMER	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
PHILLIP BEAGEZ	MILLWRIGHT		
SAMUEL BEAUGEZ	MILLWRIGHT APP		
RHETT BALL	MILLWRIGHT APP		
ERIC LEGUS	MILLWRIGHT APP		
JACOB KOACH	MILLWRIGHT APP		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		

THOMPSON INDUSTRIAL

CODY HULETT	COVID CLEANING		

RELADYNE

JON HALL	LUBE OIL SERVICE		
RICO SMILEY	LUBE OIL SERVICE		

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:THURSDAY, MAY 27, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE		

APM CREW

KIRK MAY	SUPERINTENDENT		
RICKY EWING	SUPERINTENDENT		
PAUL DENARDO	MILLWRIGHT		
PATRICK COLE	MILLWRIGHT FOREMAN		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
CHRISTOPHER WALSH	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
YADIEL SANTANA	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Friday, May 28, 2021 6:26 AM
To: Hall, Brian L.; Kennedy, Ronald R.
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: RE: Daily update during outages - 5/28
Attachments: Roster_TECO Polk_Unit 1 CI 2021_5-28.pdf

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Ron / Brian,

Current Status Update as of 05/28 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine Hung
Roll Generator – Add Tag To Lube Oil Supply Piping Blind PPS 6 – Release Aux Lube Oil Pump In Progress
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine
Clean & Inspect Combustion Flex Hoses Per TIL 1585
Borescope Combustion Piping / Manifolds
Perform Final Visual Close Out Inspection Upper & Lower Turbine Manways
Install Upper & Lower Turbine Manway Covers
Transition Turbine Compartment To FME Level 2
Install Blind Flange Generator Bearing Lube Oil Supply Piping
Remove Load Coupling Guard Turbine End
Remove Collector Cab Roof Panel & End Wall

Ongoing Items Gas Turbine
Borescope Inspection Compressor And Turbine Section
Clean Foreign Material / Scale / Deposits From Combustion Flex Hoses & Manifolds
Install Combustion Flex Hoses
Repair Steam Injection Control Valve
Lube Oil Filter Transfer Valve Repair
Clean & Inspect Generator Fan Blades
Repair Generator Fan Blades – Blend Leading Edge Abrasion
Generator Fan Blade NDE Inspection
Clean & Inspect Generator End Shields

Remove Lower TE & CE Fan Blades
Remove Lower TE & CE Inner Gas Shields
Clean & Inspect Generator CE & TE Upper End Shields
Replace Generator Heaters
Prep For Pulling Generator Field
Disassemble Collector Housing / Exciter Duct
Remove Turning Gear
Marshall Special Tooling For Generator Disassembly

Completed Items Steam Turbine
Perform Borescope HP / IP Sections
Pump Lube Oil Reservoir Down
Replace Lube Oil Reservoir Level Indicator
Pump Oil Thru Filter back Into Lube Oil Reservoir
Perform NDE Stop / Control Valve Bonnet Studs, Stop Valve Seat And Lower Body
Perform Blend Repairs Stop / Control Valve Lower Body

Ongoing Items Steam Turbine
Repair Stop Valve Position Indicator Instrumentation Issue
Perform Stop / Control Valve Blue Contact Checks
Reassemble Stop / Control Valve

Issues
Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order
Main Steam Stop Valve Position Indicator Instrumentation Issue – New switch Rod Being Turned At Big Bend – ETA 5/29
Borescope Steam Turbine Results Similar To 2020 Inspection – Will Submit Report For Engineering Review And Recommendations
Generator Stator Damage – Preparations To Disassemble Generator And Pull Field For Repairs In Progress

Parts / Tools / Consumables
Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO. GE Tooling Shipping For Delivery 5/29.

Open items

Additional / General Notes
Need Operations Assistance To Apply LOTO To Generator Bearing Lube Oil Supply Piping Blind And Release Aux Lube Oil Pump From PPS 6 This Morning
Need Operations Support To Drain Lube Oil Filter Housings After Generator Field Turning Completed
Recommend Load Testing To BE Performed On Crane Prior To Lifting Field – Critical Component / Critical Lift – Not A Requirement

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

M +1 407-492-0798 | pFax +1 407-641-9859
tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:FRIDAY, MAY 28, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
DAVE WILKINSON	CONTROLS SPECIALIST GT		
CARLOS CRUZ	DAY SHIFT FES (QC)		
CODY FRANKLIN	SAFEY SPECIALIST		
JOSE ESCOBAR	BORSCOPE (UNIT 1 ST)		
RICK ZERR	BORESCOPE INSPECTOR (UNIT 1		
GENE MCCLARY	NDE (IAG)		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
PAUL HYJEK	MILLWRIGHT		
GREG RHOTON	MILLWRIGHT		
KIM MARTIN	MILLWRIGHT		
RANDY JOHNSON	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
JASON FIELDS	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
JOHN PALMER	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
PHILLIP BEAGEZ	MILLWRIGHT		
SAMUEL BEAUGEZ	MILLWRIGHT APP		
RHETT BALL	MILLWRIGHT APP		
ERIC LEGUS	MILLWRIGHT APP		
JACOB KOACH	MILLWRIGHT APP		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		

THOMPSON INDUSTRIAL

CODY HULETT	COVID CLEANING		

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:FRIDAY, MAY 28, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE		

APM CREW

KIRK MAY	SUPERINTENDENT		
RICKY EWING	SUPERINTENDENT		
PAUL DENARDO	MILLWRIGHT		
PATRICK COLE	MILLWRIGHT FOREMAN		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
CHRISTOPHER WALSH	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
YADIEL SANTANA	MILLWRIGHT APP		

From:	Bombe, Tony (FieldCore)
To:	Hall, Brian L.; Kennedy, Ronald R.
Cc:	Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject:	RE: Daily update during outages - 5/29
Date:	Saturday, May 29, 2021 9:21:57 AM
Attachments:	Roster_TECO Polk_Unit 1 CI 2021_5-29.pdf

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Ron / Brian,

Current Status Update as of 05/29 @ 0700.

-

EHS

COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine Hung
Roll Generator – Add Tag To Lube Oil Supply Piping Blind PPS 6 – Release Aux Lube Oil Pump In Progress
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

-

Completed Items Gas Turbine

Borescope Inspection Compressor And Turbine Section
Clean Foreign Material / Scale / Deposits From Combustion Flex Hoses & Manifolds
Remove Lower TE & CE Fan Blades
Remove Lower TE Inner Gas Shields
Clean & Inspect Generator Fan Blades
Repair Generator Fan Blades – Blend Leading Edge Abrasion
Generator Fan Blade NDE Inspection

-

Ongoing Items Gas Turbine

Install Combustion Flex Hoses
Repair Steam Injection Control Valve
Lube Oil Filter Transfer Valve Repair
Clean & Inspect Generator End Shields
Remove Lower TE & CE Inner Gas Shields
Clean & Inspect Generator CE & TE Upper End Shields

Replace Generator Heaters
Prep For Pulling Generator Field
Disassemble Collector Housing / Exciter Duct
Remove Turning Gear
Detension Load Coupling
Marshall Special Tooling For Generator Disassembly

Completed Items Steam Turbine
Perform Stop Valve Blue Contact Checks

-
Ongoing Items Steam Turbine
Repair Stop Valve Position Indicator Instrumentation Issue
Perform Control Valve Blue Contact Checks
Reassemble Stop / Control Valve

Issues
Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order
Main Steam Stop Valve Position Indicator Instrumentation Issue – New Switch Rod Being Turned At Big Bend – Issues With Machining Yoke – MidState Picking Up Shaft To See If They Can Complete
Borescope Steam Turbine Results Similar To 2020 Inspection – Engineering Recommendation Is To Return To Service And Perform Periodic Borescope Inspections Until Major Can Be Performed
Generator Stator Damage – Preparations To Disassemble Generator And Pull Field For Repairs In Progress
Generator TE Missing Eyebrows For Shaft Supports – Making Arrangements To Borrow From Tiger Bay In Progress

Parts / Tools / Consumables
Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO – TECO Working To Get Tooling From Warehouse. GE Tooling Shipping For Delivery 5/29.

-
Open items

Additional / General Notes
Need Operations Support To Drain Lube Oil Filter Housings After Generator Field Turning Completed
Recommend Load Testing To BE Performed On Crane Prior To Lifting Field – Critical Component / Critical Lift – Not A Requirement

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

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tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:SATURDAY, MAY 29, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
DAVE WILKINSON	CONTROLS SPECIALIST GT		
CARLOS CRUZ	DAY SHIFT FES (QC)		
CODY FRANKLIN	SAFEY SPECIALIST		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
PAUL HYJEK	MILLWRIGHT		
GREG RHOTON	MILLWRIGHT		
KIM MARTIN	MILLWRIGHT		
RANDY JOHNSON	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
JASON FIELDS	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
JOHN PALMER	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
PHILLIP BEAGEZ	MILLWRIGHT		
SAMUEL BEAUGEZ	MILLWRIGHT APP		
RHETT BALL	MILLWRIGHT APP		
ERIC LEGUS	MILLWRIGHT APP		
JACOB KOACH	MILLWRIGHT APP		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		

THOMPSON INDUSTRIAL

CODY HULETT	COVID CLEANING		

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:SATURDAY, MAY 29, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE		

APM CREW

KIRK MAY	SUPERINTENDENT		
RICKY EWING	SUPERINTENDENT		
PAUL DENARDO	MILLWRIGHT		
PATRICK COLE	MILLWRIGHT FOREMAN		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
CHRISTOPHER WALSH	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
YADIEL SANTANA	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Tuesday, June 1, 2021 6:43 AM
To: Hall, Brian L.; Kennedy, Ronald R.
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: RE: Daily update during outages - 06/01
Attachments: Roster_TECO Polk_Unit 1 CI 2021_6-1.pdf

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Ron / Brian,

Current Status Update as of 06/01 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine Hung
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine
Install Combustion Flex Hoses
Remove Lower TE & CE Inner Gas Shields
Detension Load Coupling
Separate Load Coupling
Restore Fire Protection Conduit
Prep Site For Holiday Week End Off

Ongoing Items Gas Turbine
Repair Steam Injection Control Valve
Lube Oil Filter Transfer Valve Repair
Replace Generator Heaters
Marshall Special Tooling For Generator Disassembly
Prep For Pulling Generator Field – Remove Lower Bearings & End Shields
Disassemble Collector Housing / Exciter Duct
Remove Turning Gear

Completed Items Steam Turbine
Perform Stop / Control Valve Blue Contact Checks

Ongoing Items Steam Turbine
Repair Stop Valve Position Indicator Instrumentation Issue
Lap Stop / Control Valve Seat
Reassemble Stop / Control Valve

Issues
Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order
Main Steam Stop Valve Position Indicator Instrumentation Issue – New Switch Rod Being Turned At Big Bend – Issues With Machining Yoke – MidState Picking Up Shaft To See If They Can Complete
Borescope Steam Turbine Results Similar To 2020 Inspection – Engineering Recommendation Is To Return To Service And Perform Periodic Borescope Inspections Until Major Can Be Performed
Generator Stator Damage – Preparations To Disassemble Generator And Pull Field For Repairs In Progress
Generator TE Missing Eyebrows For Shaft Supports –Arrangements Made To Borrow From Tiger Bay – Will Pick Up This Morning

Parts / Tools / Consumables
Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO – TECO Working To Get Tooling From Warehouse Identified. GE Tooling Shipping On Site. Sending Shaft Support Sling To Certified Sling For Inspection / Load Testing This Morning

Open items

Additional / General Notes
Need Operations Support To Drain Lube Oil Filter Housings This Morning - Generator Field Turning Completed
Recommend Load Testing To BE Performed On Crane Prior To Lifting Field – Critical Component / Critical Lift – Not A Requirement

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

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tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:TUESDAY, JUNE 1, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
CARLOS CRUZ	DAY SHIFT FES (QC)		
TOOD FIORILLE	IT LEADERSHIP		
RAY ALLEN	SAFEY SPECIALIST		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
PAUL HYJEK	MILLWRIGHT		
GREG RHOTON	MILLWRIGHT		
KIM MARTIN	MILLWRIGHT		
RANDY JOHNSON	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
JASON FIELDS	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
JOHN PALMER	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
PHILLIP BEAGEZ	MILLWRIGHT		
SAMUEL BEAUGEZ	MILLWRIGHT APP		
RHETT BALL	MILLWRIGHT APP		
ERIC LEGUS	MILLWRIGHT APP		
JACOB KOACH	MILLWRIGHT APP		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		

THOMPSON INDUSTRIAL

CODY HULETT	COVID CLEANING		

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:TUESDAY, JUNE 1, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE		

APM CREW

KIRK MAY	SUPERINTENDENT		
RICKY EWING	SUPERINTENDENT		
PAUL DENARDO	MILLWRIGHT		
PATRICK COLE	MILLWRIGHT FOREMAN		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
CHRISTOPHER WALSH	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
YADIEL SANTANA	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Wednesday, June 2, 2021 9:14 AM
To: Hall, Brian L.; Kennedy, Ronald R.
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: RE: Daily update during outages - 06/02
Attachments: Roster_TECO Polk_Unit 1 CI 2021_6-2.pdf

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Ron / Brian,

Current Status Update as of 06/02 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine Hung
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine
Complete Installing Turbine Compartment Fire Protection
Clean & Inspect Inlet Guide Vanes
Take T3 And T4 Bore Readings
Install Shaft Jack T4 Bearing
Roll Out lower T4 Bearing
Remove Lower CE H2 Seal Casing
Remove Lower CE Inner Oil Deflector
Take Journal Diameters T4 Bearing / H2 Seal / Inner Oil Deflector Lands
Disassemble Collector Housing / Exciter Duct
Remove Turning Gear
Remove Collector Brush Rigging
Remove Exciter Base

Ongoing Items Gas Turbine
Repair Steam Injection Control Valve
Lube Oil Filter Transfer Valve Repair
Replace Generator Heaters
Marshall Special Tooling For Generator Disassembly
Prep For Pulling Generator Field – Remove Lower Bearings & End Shields

Completed Items Steam Turbine
Rough Install Stop Valve Switch Rod

Ongoing Items Steam Turbine
Repair Stop Valve Position Indicator Instrumentation Issue
Lap Stop / Control Valve Seat
Reassemble Stop / Control Valve

Issues
Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order
Main Steam Stop Valve Position Indicator Instrumentation Issue – New Switch Rod Being Turned At Big Bend – Issues With Machining Yoke – MidState Picking Up Shaft To See If They Can Complete
Borescope Steam Turbine Results Similar To 2020 Inspection – Engineering Recommendation Is To Return To Service And Perform Periodic Borescope Inspections Until Major Can Be Performed
Generator Stator Damage – Preparations To Disassemble Generator And Pull Field For Repairs In Progress
Generator TE Missing Eyebrows For Shaft Supports –Arrangements Made To Borrow From Tiger Bay – Issue With Removing Eyebrows Noted During Review With Duke – Working To Mock Up Alternative

Parts / Tools / Consumables
Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO – TECO Working To Get Tooling From Warehouse Identified. GE Tooling Shipping On Site. Sending Shaft Support Sling To Certified Sling For Inspection / Load Testing This Morning

Open items

Additional / General Notes
Need Operations Support To Drain Lube Oil Filter Housings This Morning - Generator Field Turning Completed
Recommend Load Testing To BE Performed On Crane Prior To Lifting Field – Critical Component / Critical Lift – Not A Requirement
Need Oak Dunnage – Understand There Is Some 8" X 8" Material At Bayside
Temporarily Staged Collector Brush Rigging In Maintenance Shop / Brushes In My Trailer - Need Direction On Cleaning – Who Will Perform -

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

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tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:WEDNESDAY, JUNE 2, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
CARLOS CRUZ	DAY SHIFT FES (QC)		
JON MEACHUM	GENERATOR SPECIALIST		
TODD FIORILLE	IT LEADERSHIP		
RAY ALLEN	SAFEY SPECIALIST		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
JOHN DAVENPORT	MILLWRIGHT FOREMAN		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
PAUL HYJEK	MILLWRIGHT		
GREG RHOTON	MILLWRIGHT		
KIM MARTIN	MILLWRIGHT		
RANDY JOHNSON	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
JASON FIELDS	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
JOHN PALMER	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
PHILLIP BEAGEZ	MILLWRIGHT		
SAMUEL BEAUGEZ	MILLWRIGHT APP		
RHETT BALL	MILLWRIGHT APP		
ERIC LEGUS	MILLWRIGHT APP		
JACOB KOACH	MILLWRIGHT APP		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		

THOMPSON INDUSTRIAL

CODY HULETT	COVID CLEANING		

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:WEDNESDAY, JUNE 2, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE		

APM CREW

KIRK MAY	SUPERINTENDENT		
RICKY EWING	SUPERINTENDENT		
PAUL DENARDO	MILLWRIGHT		
PATRICK COLE	MILLWRIGHT FOREMAN		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
CHRISTOPHER WALSH	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
YADIEL SANTANA	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Thursday, June 3, 2021 5:56 AM
To: Hall, Brian L.; Kennedy, Ronald R.
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: RE: Daily update during outages - 06/03
Attachments: Roster_TECO Polk_Unit 1 CI 2021_6-3.pdf

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Ron / Brian,

Current Status Update as of 06/03 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine Hung
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine
Develop / Mock Up Process For Removing Shaft Support Eyebrows CE On Operating Unit – Get Approved By Duke For Removing From Operating Unit
Remove Shaft Support Eyebrows From Duke Tiger Bay For Polk 1 TE
Install CE Shaft Support
Remove Shaft Jack T4 Bearing
Install Shaft Jack T3 Bearing
Roll Out lower T3 Bearing
Remove Lower TE H2 Seal Casing
Remove Lower TE Inner Oil Deflector
Install TE Shaft Support Eyebrows
Install TE Shaft Support
Remove TE Lower End Shield Oil Supply / Drain Piping
Detension TE Lower End Shield Bolting
Detension CE Lower End Shield Bolting
Install Tracks For Field Trolley's
Perform Visual Inspection Generator TE End Windings & Core Iron (By Generator Specialist)
Visually Inspect Generator Electrical Test Equipment

Ongoing Items Gas Turbine
Repair Steam Injection Control Valve

Lube Oil Filter Transfer Valve Repair
Replace Generator Heaters
Remove TE Lower End Shield
Remove CE Lower End Shield
Install Skid Pan & Field Body Shoes
Prepare For Core Ring Test

Completed Items Steam Turbine

Ongoing Items Steam Turbine
Restore Stop Valve Position Indicator Instrumentation
Lap Stop / Control Valve Seat – Cutting 90% Of Seat – Should Move To Polishing Today
Reassemble Stop / Control Valve

Issues
Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order
Generator Stator Damage – Preparations To Disassemble Generator And Pull Field For Repairs In Progress

Parts / Tools / Consumables
Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO – Borrowed Missing Tolling From Other Utilities / Sites – Recommend Order Missing Field Installation Tooling To Have A Complete Set

Open items
Prepare For Core Ring Test (Loop Test) - Identify Power Source And Means Of Disconnect For Core Ring Test – GE Provided Tooling / Material Requested From Tool Center – Engineering Consulted For Test Parameters (Voltage / Amps / Turns) – Arrangements For FLIR Vendor (Thermal Photography) In Progress

Additional / General Notes
Recommend Load Testing To BE Performed On Crane Prior To Lifting Field – Critical Component / Critical Lift – Not A Requirement
Need Oak Dunnage – Scheduled For Delivery From Bayside This Morning
Temporarily Staged Collector Brush Rigging In Maintenance Shop / Brushes In My Trailer - Need Direction On Cleaning – Who Will Perform -

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

M +1 407-492-0798 | pFax +1 407-641-9859
tony.bombe1@ge.com

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Friday, September 17, 2021 8:26 AM
To: Hall, Brian L.; McClain, Lee
Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy, Ronald R.
Subject: RE: Daily update during outages - 09/17

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Ron / Brian,

Current Status Update as of 06/03 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement
Mobilize Turbine Compartment – Establish FME Zone 2
Marshall / Stage Tooling - Receive Exhaust Casing Hydraulic Tooling
Determinate Turbine Compartment Fan
Remove T2 Bearing Tunnel Piping From Fan Module
Unbolt Exhaust Frame / Bearing Tunnel – Turbine Compartment Fan Assemblies
Remove Upper Exhaust Frame Blower Flex Hoses
Hot Bolt Upper Exhaust Frame Blower Manifold
Install Turbine / Exhaust Casing Vertical Joint Jack
Detension & Remove Exhaust / Turbine Casing Vertical Joint Bolts

Ongoing Items T2 Bearing Lift Oil Hose Replacement
Determinate Aft Turbine Compartment Roof (Exhaust Frame / Bearing Tunnel Blower – 90TS Valve – Pressure Switches & Transmitters – Hazardous Gas Detectors)
Remove Roof Piping
Remove Turbine Compartment Fan / Exhaust Frame Blower – Bearing Tunnel Blower Assemblies
Remove Aft Turbine Compartment Roof Panel
Detension & Remove Exhaust Casing External Horizontal Joint Bolts
Remove Insulation Aft Exhaust Casing To Aft Turbine Compartment Wall
Detension & Remove Exhaust / Diffuser Vertical Joint Bolts

Ongoing Items Generator Reassembly
Support Rewind Activities

Issues

Parts / Tools / Consumables

Open items

Additional / General Notes

Additional Manpower Arrived On Site To Support T2 Bearing Lift Oil For Day Shift – Night shift

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

M +1 407-492-0798 | pFax +1 407-641-9859
tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:THURSDAY, JUNE 3, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
CARLOS CRUZ	DAY SHIFT FES (QC)		
JON MEACHAM	GENERATOR SPECIALIST		
RAY ALLEN	SAFEY SPECIALIST		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
PAUL HYJEK	MILLWRIGHT		
GREG RHOTON	MILLWRIGHT		
KIM MARTIN	MILLWRIGHT		
RANDY JOHNSON	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
JASON FIELDS	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
JOHN PALMER	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
PHILLIP BEAGEZ	MILLWRIGHT		
SAMUEL BEAUGEZ	MILLWRIGHT APP		
RHETT BALL	MILLWRIGHT APP		
ERIC LEGUS	MILLWRIGHT APP		
JACOB KOACH	MILLWRIGHT APP		

THOMPSON INDUSTRIAL

CODY HULETT	COVID CLEANING		

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:THURSDAY, JUNE 3, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE		

APM CREW

KIRK MAY	SUPERINTENDENT		
RICKY EWING	SUPERINTENDENT		
PAUL DENARDO	MILLWRIGHT		
PATRICK COLE	MILLWRIGHT FOREMAN		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
CHRISTOPHER WALSH	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
YADIEL SANTANA	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Monday, June 7, 2021 8:27 AM
To: Hall, Brian L.; Kennedy, Ronald R.
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: RE: Daily update during outages - 06/04
Attachments: Roster_TECO Polk_Unit 1 CI 2021_6-7.pdf

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Ron / Brian,

Current Status Update as of 06/04 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine Hung
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine
Field Removed – Temporary Storage Steam Turbine Crane Bay
Initial Clean Stator Core / End Windings For Electrical Testing
Initial Stator Core Visual Inspection
Perform Electrical Testing Stator Core (DLRO / 5K Meggar / PI)
Perform Electrical Testing Field (DLRO / 500V Meggar / Pi)

Ongoing Items Gas Turbine
Stator Electrical Testing – El Cid / DC Leakage / HIPOT
Field Electrical Testing
Repair Steam Injection Control Valve
Lube Oil Filter Transfer Valve Repair
Fuel Gas Vent Valve / Transmitter
Replace Generator Heaters
Prepare For Core Ring Test

Completed Items Steam Turbine
Lapping Steam Stop / Control Valve

Ongoing Items Steam Turbine
Restore Stop Valve Position Indicator Instrumentation

Blue Contact Check Steam Stop / Control Valve
Polish Stop / Control Valve Seat
Reassemble Stop / Control Valve

Issues
Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order
Generator Stator Damage – Preparations To Disassemble Generator And Pull Field For Repairs In Progress

Parts / Tools / Consumables
Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO – Borrowed Missing Tolling From Other Utilities / Sites – Recommend Order Missing Field Installation Tooling To Have A Complete Set

Open items
Prepare For Core Ring Test (Loop Test) - Identify Power Source And Means Of Disconnect For Core Ring Test – GE Provided Tooling / Material Requested From Tool Center – Engineering Consulted For Test Parameters (Voltage / Amps / Turns) – Arrangements For FLIR Vendor (Thermal Photography) In Progress

Additional / General Notes
Recommend Load Testing To BE Performed On Crane Prior To Lifting Field – Critical Component / Critical Lift – Not A Requirement
Need Oak Dunnage – Scheduled For Delivery From Bayside This Morning
Temporarily Staged Collector Brush Rigging In Maintenance Shop / Brushes In My Trailer - Need Direction On Cleaning – Who Will Perform -

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

M +1 407-492-0798 | pFax +1 407-641-9859
tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:MONDAY, JUNE 7, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
DAVE WILKINSON	CONTROLS SPECIALIST GT		
CARLOS CRUZ	DAY SHIFT FES (QC)		
JON MEACHAM	GENERATOR SPECIALIST		
RAY ALLEN	SAFEY SPECIALIST		
MICHAEL LOVELESS	PRODUCT SERVICE ENGINEER		
JEFF SHULL	POJECT CONTROLS SPECIALIST		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
GREG RHOTON	MILLWRIGHT		
KIM MARTIN	MILLWRIGHT		
RANDY JOHNSON	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
JASON FIELDS	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
JOHN PALMER	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
PHILLIP BEAGEZ	MILLWRIGHT		
SAMUEL BEAUGEZ	MILLWRIGHT APP		
ERIC LEGUS	MILLWRIGHT APP		
JACOB KOACH	MILLWRIGHT APP		

THOMPSON INDUSTRIAL

CODY HULETT	COVID CLEANING		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Tuesday, June 8, 2021 5:31 AM
To: Hall, Brian L.; Kennedy, Ronald R.
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: RE: Daily update during outages - 06/08
Attachments: 337X011 As Found El-Cid 2.pdf; TECO_POLK AS FOUND HOT SPOTS 337X011.dec; Roster_TECO Polk_Unit 1 CI 2021_6-8.pdf

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Ron / Brian,

Current Status Update as of 06/08 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine Hung
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine
Perform EL CID Test On Stator Core – Summary Attached
Replace Lube Oil Filter Transfer Valve
Repair Cooling & Sealing Air Instrumentation Tubing
Clean Inlet Plenum
Investigate Fuel Gas Cavity Pressure Transmitter (96FG-2D)
Dimensional Measurements Field Journals, Hydrogen Seal / Inner Oil Deflector Lands

Ongoing Items Gas Turbine
Stator Electrical Testing – DC Leakage / HIPOT
Field Electrical Testing
Repair Steam Injection Control Valve
Fuel Gas Vent Valve / Transmitter
Replace Generator Heaters
Clean & Inspect Generator Components
Collector Ring Inspections
Dry In Field Storage

Completed Items Steam Turbine
Polish Steam Stop / Control Valve Seats

Perform Final Blue Contact Check
Perform Pre-Assembly Clean / Close Out Inspections
Install Steam Stop Valve Stem / Disc Assembly
Reassemble Stop Valve Position Switch Rod

Ongoing Items Steam Turbine
Reassemble Stop / Control Valve

Issues
Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order
Generator Stator Damage – End Core Iron Damaged – Electrical Testing Of Stator Windings In Progress
Generator Field Damage – 2 Shorted Turns, Insulation Blocking Migration Obstructing Cooling Holes, TE Retaining Ring Damage From Lamination, Collector Ring Wear

Parts / Tools / Consumables
Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO – Borrowed Missing Tolling From Other Utilities / Sites – Recommend Order Missing Field Installation Tooling To Have A Complete Set

Open items
Prepare For Core Ring Test (Loop Test) - Identify Power Source And Means Of Disconnect For Core Ring Test – GE Provided Tooling / Material On Hand – Engineering Provided Test Parameters – Thermography Arranged

Additional / General Notes
Temporarily Staged Collector Brush Rigging In Maintenance Shop / Brushes In My Trailer - Need Direction On Cleaning – Who Will Perform
GTE Needs Cleaning – Need Direction On Cleaning – Who Will Perform
Need Operations Support To Isolate / Apply LOTO To Generator Hydrogen Cooler Cooling Water Supply / Return

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

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tony.bombe1@ge.com

TECO GT-1 As Found EI-Cid

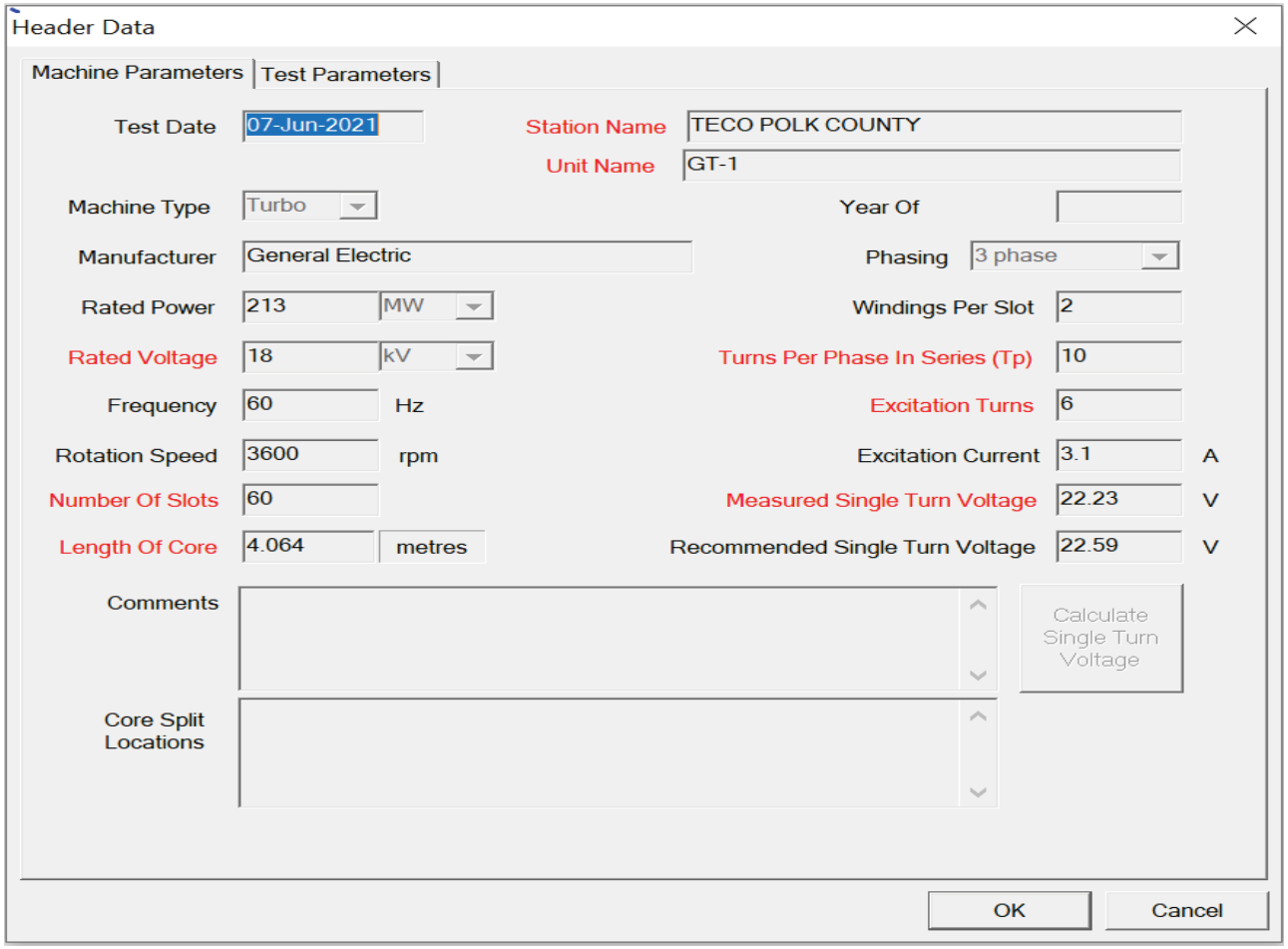
- Today I performed the as found EI-Cid test on the stator core. The test did not include the step-irons due to the height of the end wedges would not allow the trolly and chattock close enough to the surface. The only indication noted in the test was in slot 1 about 1.75 meters into the core from the CE. I have attached the scans below along with the test parameters and peaks.

ELCID Test Data
ELCID TEST AS FOUND

Date: 6-7-2021
Customer: TECO
Station: Polk County

Generator Serial Number: 337X011
Turbine Serial Number: 296436

Prepared by: Jon Meacham



ELCID Test Data
ELCID TEST AS FOUND

Date: 6-7-2021
Customer: TECO
Station: Polk

Generator Serial Number: 337X011
Turbine Serial Number: 296436

Prepared by: Jon Meacham

DISCRIPTION OF TEST

An Electro Magnetic Core Imperfection Detection Test was performed on all core slots during the winding process. The pre-disassembly and post wedge final test results are included with this report. The data was collected and recorded in a laptop computer. An analysis of the data did not reveal any areas that exceeded the allowable threshold. The ELCID test indicates areas on the inside diameter of the core iron surface that are electrically connected by smeared individual core laminations together. These core laminations are individually varnished so that the varnish film provides an insulation barrier to its neighboring core lamination. This insulating layer minimizes circulating currents and subsequent heating in the iron. Excessive heating in the iron has the potential of degrading the stator bars, which are in contact with the core iron surfaces. A 4% flux is induced in the iron and a current will flow if the iron has been inadvertently smeared electrically together. An action level of 100 milliamps is set at which point grinding will be performed to remove the "electrical" connection between a gouged or smeared area.

The Black trace indicates the trolley movement was from the CE (Collector End) to TE (Turbine End) Red color indicates >100 milliamp trace

The Blue trace indicates the trolley movement was from the TE (Turbine End) to CE (Collector End) Red color indicates >100 milliamp trace

No slots had any indications equal to or greater 100 ma during this test.
The following page (peaks) indicates the highest readings during the performance of the test.

Y axis indications milliamps, X axis is axial location in the core

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022

ELCID Test Data
ELCID TEST AS FOUND

Date: 6-7-2021
Customer: TECO
Station: Polk

Generator Serial Number: 337X011
Turbine Serial Number: 296436

Prepared by: Jon Meacham

PEAKS

1 -108	2 -56	3 -7	4 -15	5 -8	6 -14	7 -13	8 -11	9 -13	10 -21
11 -9	12 -23	13 8	14 12	15 -22	16 8	17 -15	18 -20	19 8	20 -11
21 8	22 25	23 -18	24 -11	25 8	26 -54	27 -13	28 -15	29 -7	30 -17
31 20	32 -28	33 11	34 9	35 -7	36 16	37 6	38 -14	39 -39	40 12
41 -61	42 -15	43 41	44 -12	45 10	46 -13	47 -13	48 -8	49 -28	50 10
51 12	52 14	53 14	54 -12	55 10	56 -13	57 -19	58 12	59 -24	60 -22

ELCID Test Data
ELCID TEST AS FOUND

Date: 6-7-2021
Customer: TECO
Station: Polk

Generator Serial Number: 337X011
Turbine Serial Number: 296436

Prepared by: Jon Meacham

SLOTS 1 - 6

ELCID Test Data
ELCID TEST AS FOUND

Prepared by: Jon Meacham

Generator Serial Number: 337X011
Turbine Serial Number: 296436

Date: 6-7-2021
Customer: TECO
Station: Polk

SLOTS 7 - 12

ELCID Test Data
ELCID TEST AS FOUND

Date: 6-7-2021
Customer: TECO
Station: Polk

Generator Serial Number: 337X011
Turbine Serial Number: 296436

Prepared by: Jon Meacham

SLOTS 13 - 18

ELCID Test Data
ELCID TEST AS FOUND

Date: 6-7-2021
Customer: TECO
Station: Polk

Generator Serial Number: 337X011
Turbine Serial Number: 296436

Prepared by: Jon Meacham

SLOTS 19 - 24

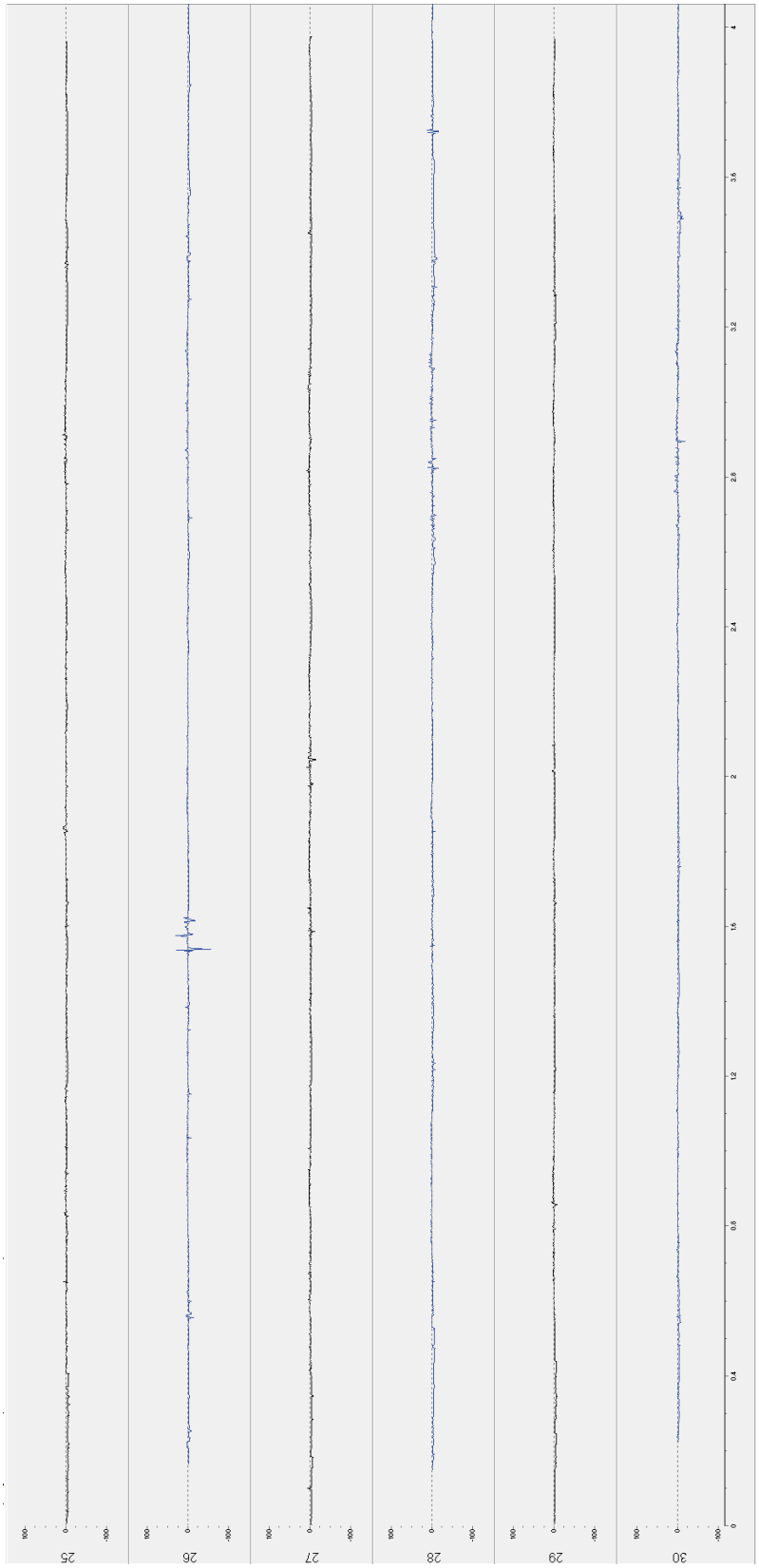
ELCID Test Data
ELCID TEST AS FOUND

Prepared by: Jon Meacham

Generator Serial Number: 337X011
Turbine Serial Number: 296436

Date: 6-7-2021
Customer: TECO
Station: Polk

SLOTS 25 - 30



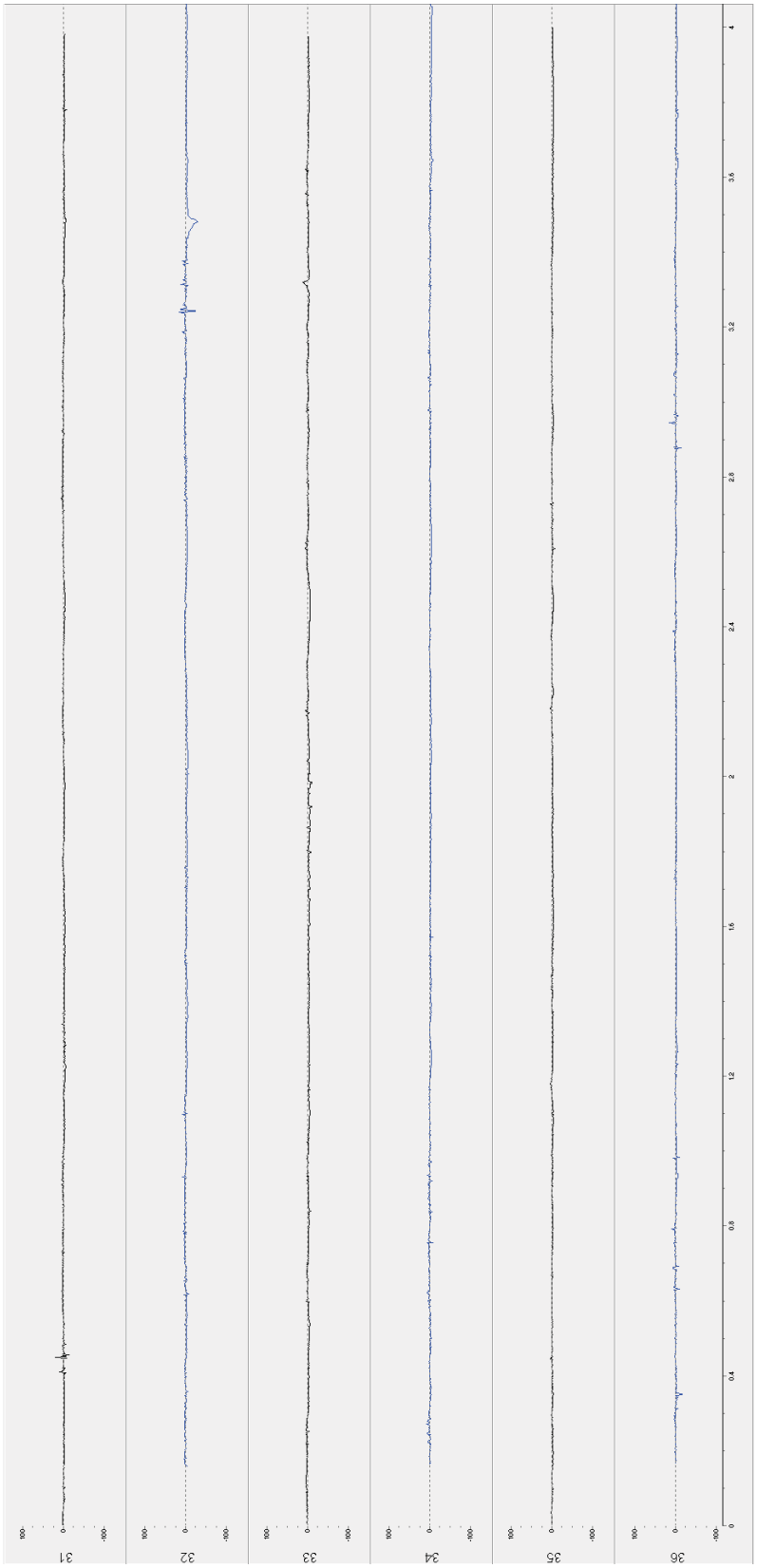
ELCID Test Data
ELCID TEST AS FOUND

Prepared by: Jon Meacham

Generator Serial Number: 337X011
Turbine Serial Number: 296436

Date: 6-7-2021
Customer: TECO
Station: Polk

SLOTS 31 - 36



ELCID Test Data
ELCID TEST AS FOUND

Prepared by: Jon Meacham

Generator Serial Number: 337X011
Turbine Serial Number: 296436

Date: 6-7-2021
Customer: TECO
Station: Polk

SLOTS 37 - 42

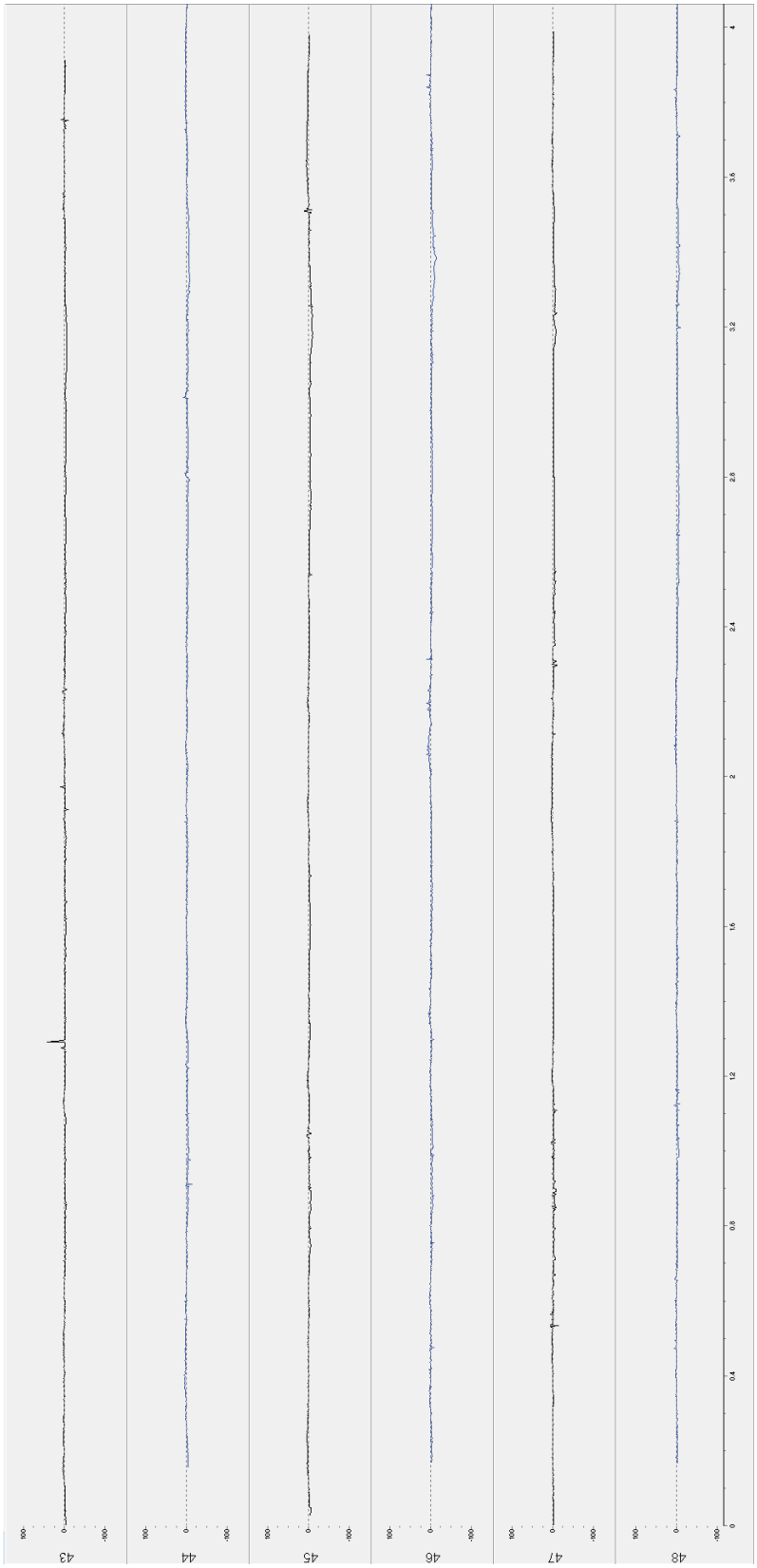
ELCID Test Data
ELCID TEST AS FOUND

Prepared by: Jon Meacham

Generator Serial Number: 337X011
Turbine Serial Number: 296436

Date: 6-7-2021
Customer: TECO
Station: Polk

SLOTS 43 - 48



ELCID Test Data
ELCID TEST AS FOUND

Prepared by: Jon Meacham

Generator Serial Number: 337X011
Turbine Serial Number: 296436

Date: 6-7-2021
Customer: TECO
Station: Polk

SLOTS 49 - 54

ELCID Test Data
ELCID TEST AS FOUND

Prepared by: Jon Meacham

Generator Serial Number: 337X011
Turbine Serial Number: 296436

Date: 6-7-2021
Customer: TECO
Station: Polk

SLOTS 55 - 60

TECO POLK SPRING 2021

DAY SHIFT

DATE:TUESDAY, JUNE 8, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
DAVE WILKINSON	CONTROLS SPECIALIST GT		
CARLOS CRUZ	DAY SHIFT FES (QC)		
JON MEACHAM	GENERATOR SPECIALIST		
RAY ALLEN	SAFEY SPECIALIST		
MICHAEL LOVELESS	PRODUCT SERVICE ENGINEER		
JEFF SHULL	POJECT CONTROLS SPECIALIST		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
GREG RHOTON	MILLWRIGHT		
KIM MARTIN	MILLWRIGHT		
RANDY JOHNSON	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
JASON FIELDS	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
JOHN PALMER	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
PHILLIP BEAGEZ	MILLWRIGHT		
SAMUEL BEAUGEZ	MILLWRIGHT APP		
ERIC LEGUS	MILLWRIGHT APP		
JACOB KOACH	MILLWRIGHT APP		

THOMPSON INDUSTRIAL

CODY HULETT	COVID CLEANING		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Wednesday, June 9, 2021 9:13 AM
To: Hall, Brian L.; Kennedy, Ronald R.
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: Daily update during outages - 06/09
Attachments: Roster_TECO Polk_Unit 1 CI 2021_6-9.pdf

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Ron / Brian,

Current Status Update as of 06/09 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine Hung
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine
Install Temporary Wood End Shields TE /CE – Remove Dehumidifier Trunking
Perform Stator Electrical Testing (5K Meggar / DC Leakage / HIPOT) All Phases Past at 40KV
Rework Field Awning – Install Sides / Ends – Clean Retaining Rings – Apply Heat (Halogen Lights / Portable Heaters)
Inspect Collector Rings (Visually / Dimensionally / Groove Depth)
Perform Field Electrical Testing (500V Meggar) Readings Improved – PI Estimated at 6
Perform Incoming Inspections New TE / CE Inner & Outer Oil Deflectors
Complete Visual / Dimensional Inspections – T3 & T4 Bearing
Construct Boxes And Place T3 & T4 Bearings For Shipping Off-Site (In Case Needed)
Clean Up Work Area Lube Oil Filter Transfer Valve
Install Flame Scanner Sight Tubes / Cooling Water Supply & Return Tubing
Close Turbine Compartment Explosion Doors
Install Temporary Wood End Shields TE /CE – Install Dehumidifier Trunking

Ongoing Items Gas Turbine
Stator Electrical Testing – Confirmation Meggar Post HIPOT
Repair Steam Injection Control Valve
Fuel Gas Vent Valve / Transmitter
Replace Generator Heaters
Clean & Inspect Generator Components
Remove Hydrogen Coolers

Completed Items Steam Turbine
Install Steam Stop Valve Pressure Seal Head Pull Down Ring
Perform Final Clean Out / Close Out Inspection Stop – Control Valve Body
Install Steam Strainer Basket
Install Control Valve Bonnet Assembly
Tension Control Valve Bonnet Studs

Ongoing Items Steam Turbine
Reassemble Control Valve Spring Can
Install Control Valve Actuator
Couple Control Valve Actuator / Valve Stem
Couple Stop Valve Actuator / Valve Stem

Issues
Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order
Generator Stator Damage – End Core Iron Damaged – Electrical Testing Of Stator Windings Completed – All 3 Phases Passed 40 KV HIPOT – GE Recommendation To Perform Repairs
Generator Field Damage – 2 Shorted Turns, Insulation Blocking Migration Obstructing Cooling Holes, TE Retaining Ring Damage From Lamination, Collector Ring Wear

Parts / Tools / Consumables
Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO – Borrowed Missing Tolling From Other Utilities / Sites – Recommend Order Missing Field Installation Tooling To Have A Complete Set

Open items
Prepare For Core Ring Test (Loop Test) - Identify Power Source And Means Of Disconnect For Core Ring Test – GE Provided Tooling / Material On Hand – Engineering Provided Test Parameters – Thermography Arranged

Additional / General Notes
Temporarily Staged Collector Brush Rigging In Maintenance Shop / Brushes In My Trailer - Need Direction On Cleaning – Who Will Perform
GTE Needs Cleaning – Need Direction On Cleaning – Who Will Perform
Need Operations Support To Isolate / Apply LOTO To Generator Hydrogen Cooler Cooling Water Supply / Return – Two Additional Valves Need Added To LOTO

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

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tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:WEDNESDAY, JUNE 9, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
DAVE WILKINSON	CONTROLS SPECIALIST GT		
CARLOS CRUZ	DAY SHIFT FES (QC)		
JON MEACHAM	GENERATOR SPECIALIST		
RAY ALLEN	SAFEY SPECIALIST		
JEFF SHULL	POJECT CONTROLS SPECIALIST		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
FRANK KURJACK	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
PHILLIP BEAGEZ	MILLWRIGHT		
SAMUEL BEAUGEZ	MILLWRIGHT APP		
RHETT BALL	MILLWRIGHT APP		
JACOB KOACH	MILLWRIGHT APP		

THOMPSON INDUSTRIAL

CODY HULETT	COVID CLEANING		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Thursday, June 10, 2021 6:25 AM
To: Hall, Brian L.; Kennedy, Ronald R.
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: RE: Daily update during outages - 06/10
Attachments: Roster_TECO Polk_Unit 1 CI 2021_6-10.pdf

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Ron / Brian,

Current Status Update as of 06/10 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine In Place
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine / Generator
Remove Temporary Wood End Shields CE – Remove Dehumidifier Trunking
Perform Post HIPOT Stator Electrical Testing (5KV Meggar) All Phases < 85% Pre-HIPOT 1 Minute Values – Results Not Within GE Specification
Remove Field Trolley Channels / Rails – Grind Welds Smooth
Install Decking Between Collector Cab Floor And Stator Frame
Modify Temporary Wood End Shields CE To Account For Decking – Install Dehumidifier Duct
Investigate Fuel Gas P2 Cavity Pressure Issue
Ship GE Provided Field Removal Tooling

Ongoing Items Gas Turbine / Generator
Clean And Inspect GTE
Repair Steam Injection Control Valve
Fuel Gas Vent Valve / Transmitter
Replace Generator Heaters
Clean & Inspect Generator Components
Remove Hydrogen Cooler Cooling Water Piping
Remove Hydrogen Coolers – Awaiting Load Bearing Scaffolding To Arrive & Installed

Completed Items Steam Turbine
Reassemble Control Valve Spring Can

Install Control Valve Actuator
Couple Control Valve Actuator / Valve Stem
Install Packing Leak Off / Below Seat Drain Piping
Install Control Valve Actuator Hydraulic Supply / Return Piping

Ongoing Items Steam Turbine
Couple Stop Valve Actuator / Valve Stem
Weld Lock Tabs Control Valve Actuator Hydraulic Supply / Return Piping
Restore Decking Above Stop / Control Valve
Roll Back All Tooling – Return TECO Tooling (Stud Heater Rods)
Pack GE Provided Tooling For Shipping

Issues
Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order
Generator Stator Damage – End Core Iron Damaged – Electrical Testing Of Stator Windings Completed – All 3 Phases Passed 40 KV HIPOT – All 3 Phases Failed Post HIPOT 5 KV Meggar - GE Recommendation To Perform Repairs
Generator Field Damage – 2 Shorted Turns, Insulation Blocking Migration Obstructing Cooling Holes, TE Retaining Ring Damage From Lamination, Collector Ring Wear

Parts / Tools / Consumables
Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO – Borrowed Missing Tolling From Other Utilities / Sites – Recommend Order Missing Field Installation Tooling To Have A Complete Set

Open items
Prepare For Core Ring Test (Loop Test) - Identify Power Source And Means Of Disconnect For Core Ring Test – GE Provided Tooling / Material On Hand – Engineering Provided Test Parameters – Thermography Arranged

Additional / General Notes
Temporarily Staged Collector Brush Rigging In Maintenance Shop / Brushes In My Trailer - Need Direction On Cleaning – Who Will Perform
GTE Needs Cleaning – Need Direction On Cleaning – EDE Will Begin Cleaning Today

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

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tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:THURSDAY, JUNE 10, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
DAVE WILKINSON	CONTROLS SPECIALIST GT		
CARLOS CRUZ	DAY SHIFT FES (QC)		
JON MEACHAM	GENERATOR SPECIALIST		
RAY ALLEN	SAFEY SPECIALIST		
JEFF SHULL	POJECT CONTROLS SPECIALIST		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
FRANK KURJACK	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
PHILLIP BEAGEZ	MILLWRIGHT		
SAMUEL BEAUGEZ	MILLWRIGHT APP		
JACOB KOACH	MILLWRIGHT APP		

THOMPSON INDUSTRIAL

CODY HULETT	COVID CLEANING		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Friday, June 11, 2021 6:52 AM
To: Hall, Brian L.; Kennedy, Ronald R.
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: RE: Daily update during outages - 06/11
Attachments: Roster_TECO Polk_Unit 1 CI 2021_6-11.pdf

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Ron / Brian,

Current Status Update as of 06/11 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine In Place
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine / Generator
Walk Down Generator Hydrogen Cooler Cooling Water LOTO – Sign / Lock On – Establish Satellite Box
Remove Hydrogen Cooler Cooling Water Supply / Return Piping

Ongoing Items Gas Turbine / Generator
Clean And Inspect GTE
Repair Steam Injection Control Valve
Fuel Gas Vent Valve / Transmitter
Replace Generator Heaters
Clean & Inspect Generator Components
Remove Hydrogen Coolers – Awaiting Load Bearing Scaffolding To Arrive & Installed

Completed Items Steam Turbine
Couple Stop Valve Actuator / Valve Stem
Weld Lock Tabs Control Valve Actuator Hydraulic Supply / Return Piping
Restore Decking Above Stop / Control Valve
Roll Back All Tooling – Return TECO Tooling (Stud Heater Rods)
Pack GE Provided Tooling For Shipping

Ongoing Items Steam Turbine
Demobilize Steam Turbine

Stroke Stop / Control Valve
Adjust Stop Valve Position Indications
Install Thermocouple Broken During Borescope Inspection

Issues
Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order
Generator Stator Damage – End Core Iron Damaged – Electrical Testing Of Stator Windings Completed – All 3 Phases Passed 40 KV HIPOT – All 3 Phases Failed Post HIPOT 5 KV Meggar - GE Recommendation To Perform Repairs
Generator Field Damage – 2 Shorted Turns, Insulation Blocking Migration Obstructing Cooling Holes, TE Retaining Ring Damage From Lamination, Collector Ring Wear
Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced
GTE Heaters Inoperable – Work Order Tag Hanging On Breaker

Parts / Tools / Consumables
Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO – Borrowed Missing Tolling From Other Utilities / Sites – Recommend Order Missing Field Installation Tooling To Have A Complete Set

Open items
Prepare For Core Ring Test (Loop Test) - Identify Power Source And Means Of Disconnect For Core Ring Test – GE Provided Tooling / Material On Hand – Engineering Provided Test Parameters – Thermography Arranged

Additional / General Notes
Temporarily Staged Collector Brush Rigging In Maintenance Shop / Brushes In My Trailer - Need Direction On Cleaning – Who Will Perform
GTE Needs Cleaning – Need Direction On Cleaning – Awaiting LOTO On GTE Fans & Heaters
GT HPU Transfer Pump – Needs To Be Removed To Allow Generator Hydrogen Cooler Scaffolding To Be Installed
Need Operations Support Releasing Steam Turbine LOTO PPS 48 To Allow Stop / Control Valve Testing

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

M +1 407-492-0798 | pFax +1 407-641-9859
tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:FRIDAY, JUNE 11, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
DAVE WILKINSON	CONTROLS SPECIALIST GT		
CARLOS CRUZ	DAY SHIFT FES (QC)		
JON MEACHAM	GENERATOR SPECIALIST		
RAY ALLEN	SAFEY SPECIALIST		
JEFF SHULL	POJECT CONTROLS SPECIALIST		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
FRANK KURJACK	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
JACOB KOACH	MILLWRIGHT APP		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		

THOMPSON INDUSTRIAL

CODY HULETT	COVID CLEANING		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Monday, June 14, 2021 6:25 AM
To: Hall, Brian L.; Kennedy, Ronald R.
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: RE: Daily update during outages - 06/14
Attachments: Roster_TECO Polk_Unit 1 CI 2021_6-14.pdf

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Ron / Brian,

Current Status Update as of 06/14 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine In Place
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine / Generator
Install Steam Injection Control Valve
Remove GT HPU Transfer Pump Station
Erect Load Bearing Scaffolding For Hydrogen Coolers
Support MDA / Barnhardt Crane
Investigate Fuel Gas P2 Cavity Pressure Issues

Ongoing Items Gas Turbine / Generator
Clean And Inspect GTE
Terminate Steam Injection Control Valve
Replace Generator Heaters
Clean & Inspect Generator Components
Remove Hydrogen Coolers – Awaiting Load Bearing Scaffolding To Arrive & Installed

Completed Items Steam Turbine
Demobilize Steam Turbine
Install Thermocouple Broken During Borescope Inspection
Release All LOTO

Ongoing Items Steam Turbine
Stroke Stop / Control Valve

Adjust Stop Valve Position Indications

Issues
Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order
Generator Stator Damage – End Core Iron Damaged – Electrical Testing Of Stator Windings Completed – All 3 Phases Passed 40 KV HIPOT – All 3 Phases Failed Post HIPOT 5 KV Meggar - GE Recommendation To Perform Repairs
Generator Field Damage – 2 Shorted Turns, Insulation Blocking Migration Obstructing Cooling Holes, TE Retaining Ring Damage From Lamination, Collector Ring Wear
Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced
GTE Heaters Inoperable – Work Order Tag Hanging On Breaker
Steam Turbine Glad Seal Pressure Switch – Switch Is Grounded / Needs Replaced

Parts / Tools / Consumables
Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO – Borrowed Missing Tolling From Other Utilities / Sites – Recommend Order Missing Field Installation Tooling To Have A Complete Set

Open items
Prepare For Core Ring Test (Loop Test) - Identify Power Source And Means Of Disconnect For Core Ring Test – GE Provided Tooling / Material On Hand – Engineering Provided Test Parameters – Thermography Arranged

Additional / General Notes
Temporarily Staged Collector Brush Rigging In Maintenance Shop / Brushes In My Trailer - Need Direction On Cleaning – Who Will Perform
GTE Needs Cleaning – Awaiting LOTO On GTE Fans & Heaters
Spark Plug / Flame Scanner Operational Checks – Need LOTO Support To Release PPS 3, PPS 83 & PPS 89

Tony Bombe
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FieldCore

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tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:MONDAY, JUNE 14, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
DAVE WILKINSON	CONTROLS SPECIALIST GT		
JON MEACHAM	GENERATOR SPECIALIST		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
RHETT BALL	MILLWRIGHT APP		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		

THOMPSON INDUSTRIAL

CODY HULETT	COVID CLEANING		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Tuesday, June 15, 2021 6:34 AM
To: Hall, Brian L.; Kennedy, Ronald R.; MccLain, Lee
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: RE: Daily update during outages - 06/15
Attachments: Roster_TECO Polk_Unit 1 CI 2021_6-15.pdf

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Ron / Brian,

Current Status Update as of 06/15 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine In Place
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine / Generator
Terminate Steam Injection Control Valve
Stroke / Calibrate Steam Injection Control Valve
Prep Hydrogen Coolers For Removal – Unbolt Tube Sheets / Floating Ends
Fabricate Rails & Pull Fixture For Hydrogen Coolers

Ongoing Items Gas Turbine / Generator
Install Rails And Pulling Fixtures For Removing Hydrogen Coolers
Remove Hydrogen Coolers
Clean And Inspect GTE
Operationally Test Spark Plugs
Function Check Flame Scanners / Investigate Intensity Issues
Replace Generator Heaters
Clean & Inspect Generator Components

Completed Items Steam Turbine

Ongoing Items Steam Turbine
Stroke Stop / Control Valve
Adjust Stop Valve Position Indications

Issues
Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order
Generator Stator Damage – End Core Iron Damaged – Electrical Testing Of Stator Windings Completed – All 3 Phases Passed 40 KV HIPOT – All 3 Phases Failed Post HIPOT 5 KV Meggar - GE Recommendation To Perform Repairs
Generator Field Damage – 2 Shorted Turns, Insulation Blocking Migration Obstructing Cooling Holes, TE Retaining Ring Damage From Lamination, Collector Ring Wear
Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced
GTE Heaters Inoperable – Work Order Tag Hanging On Breaker – Quote In Progress To Investigate
Steam Turbine Glad Seal Pressure Switch – Switch Is Grounded / Needs Replaced

Parts / Tools / Consumables
Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO – Borrowed Missing Tolling From Other Utilities / Sites – Recommend Order Missing Field Installation Tooling To Have A Complete Set

Open items
Prepare For Core Ring Test (Loop Test) - Identify Power Source And Means Of Disconnect For Core Ring Test – GE Provided Tooling / Material On Hand – Engineering Provided Test Parameters – Thermography Arranged

Additional / General Notes
Temporarily Staged Collector Brush Rigging In Maintenance Shop / Brushes In My Trailer - Need Direction On Cleaning – Who Will Perform
Unable To Stroke Steam Turbine Control Valve – LOTO (PPS 17) Hanging On Hydraulic Pumps For Exciter Work – Need To Coordinate Work Scopes To Allow Stop / Control Valve Calibration

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

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tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:TUESDAY, JUNE 15, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
DAVE WILKINSON	CONTROLS SPECIALIST GT		
ROD BAKER	NIGHT SHIFT FES		
JON MEACHAM	GENERATOR SPECIALIST		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
RHETT BALL	MILLWRIGHT APP		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		

THOMPSON INDUSTRIAL

CODY HULETT	COVID CLEANING		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Wednesday, June 16, 2021 6:17 AM
To: Hall, Brian L.; Kennedy, Ronald R.; MccLain, Lee
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: RE: Daily update during outages - 06/16
Attachments: Roster_TECO Polk_Unit 1 CI 2021_6-16.pdf

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Ron / Brian,

Current Status Update as of 06/16 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator / Steam Turbine In Place
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine / Generator
Install Rails And Pulling Fixtures For Removing Hydrogen Coolers
Remove Hydrogen Coolers
Clean Generator Terminal Enclosure
Operationally Test Spark Plugs

Ongoing Items Gas Turbine / Generator
Function Check Flame Scanners / Investigate Intensity Issues
Inspect Generator Core Outer Diameter
Clean Generator Cooler Bays
Replace Generator Heaters
Clean & Inspect Generator Components

Completed Items Steam Turbine
Stroke Stop / Control Valve
Adjust Stop Valve Position Indications
Calibrate Control Valve

Issues
Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order

Generator Stator Damage – End Core Iron Damaged – Electrical Testing Of Stator Windings Completed – All 3 Phases Passed 40 KV HIPOT – All 3 Phases Failed Post HIPOT 5 KV Meggar - GE Recommendation To Perform Repairs
Generator Field Damage – 2 Shorted Turns, Insulation Blocking Migration Obstructing Cooling Holes, TE Retaining Ring Damage From Lamination, Collector Ring Wear
Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced
GTE Heaters Inoperable – Work Order Tag Hanging On Breaker – Quote In Progress To Investigate
Steam Turbine Glad Seal Pressure Switch – Switch Is Grounded / Needs Replaced

Parts / Tools / Consumables
Generator Field Installation Tooling – Will Need All Tooling Provided For Field Removal From TECO – Borrowed Missing Tolling From Other Utilities / Sites – Recommend Order Missing Field Installation Tooling To Have A Complete Set

Open items
Prepare For Core Ring Test (Loop Test) - Identify Power Source And Means Of Disconnect For Core Ring Test – GE Provided Tooling / Material On Hand – Engineering Provided Test Parameters – Thermography Arranged

Additional / General Notes
Temporarily Staged Collector Brush Rigging In Maintenance Shop / Brushes In My Trailer - Need Direction On Cleaning – Who Will Perform
Need Operations Support To Release Flame Scanner Power (PPS 3) – Need To Complete Flame Scanner Intensity Investigation / Operational Tests

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FieldCore

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tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:WEDNESDAY, JUNE 16, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
DAVE WILKINSON	CONTROLS SPECIALIST GT		
JON MEACHAM	GENERATOR SPECIALIST		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
RHETT BALL	MILLWRIGHT APP		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		

THOMPSON INDUSTRIAL

CODY HULETT	COVID CLEANING		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Thursday, June 17, 2021 6:25 AM
To: Hall, Brian L.; Kennedy, Ronald R.; McClain, Lee
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: RE: Daily update during outages - 06/17
Attachments: Roster_TECO Polk_Unit 1 CI 2021_6-17.pdf; TECO Polk Power Station GTE Report.docx

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Ron / Brian,

Current Status Update as of 06/17 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator In Place
Confined Space / Hot Work Permits
Weather – Heat / Lightning
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine / Generator
Function Check Flame Scanners / Investigate Intensity Issues
Clean & Inspect Generator Terminal Enclosure
Inspect Generator Core Outer Diameter

Ongoing Items Gas Turbine / Generator
Install Flame Scanners
Restore Flame Scanner Cooling Water
Clean Generator Cooler Bays
Replace Generator Heaters
Clean & Inspect Generator Components

Completed Items Unit 3
Walk Down LOTO (PPS 15 / PPS 25) Sign / Lock On – Setup Satellite Box
Investigate Blade Health Monitor Issues
Replace R0 LE 1 Blade Health Monitor Probe
Replace Water Injection Stop Valve
Release LOTO (PPS 15 / PPS 25)

Issues

Fuel Gas Pressure Transmitter (96FG-2) Identified As Bad – Transmitter Should Be Replaced

Parts / Tools / Consumables
Flame Scanner (12A) Needs To Be Replaced – Replacement Should Be On Hand At TECO Warehouse – Will Get This Morning And Install

Open items
Hydrogen Coolers – Coolers Should Be Cleaned
Prepare For Core Ring Test (Loop Test) - GE Prep Completed - Identify Power Source And Means Of Disconnect For Core Ring Test
Flame Scanner Flexible Conduit Damaged – 2 Need Replaced / 2 Distressed – TECO Warehouse Has 2 On Hand – Remaining Parts On Order
Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced
GTE Heaters Inoperable – Work Order Tag Hanging On Breaker - GTE Inspection Results / Recommendations Attached
Steam Turbine Gland Seal Pressure Switch – Switch Is Grounded / Needs Replaced
Unit 3 Water Injection Stop Valve Regulator (VPR62-11) - Needs To Be Set At 100 PSI

Additional / General Notes
Temporarily Staged Collector Brush Rigging In Maintenance Shop / Brushes In My Trailer - Need Direction On Cleaning

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TECO POLK SPRING 2021

DAY SHIFT

DATE:THURSDAY, JUNE 17, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
DAVE WILKINSON	CONTROLS SPECIALIST GT		
JON MEACHAM	GENERATOR SPECIALIST		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
RHETT BALL	MILLWRIGHT APP		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		

THOMPSON INDUSTRIAL

CODY HULETT	COVID CLEANING		

TECO Polk Power Station

GT-1 337X011 Generator Terminal Enclosure

The Generator Terminal Enclosure (GTE) was inspected for general cleanliness, dirt/oil contamination, foreign material, and obvious damage to the hardware inside. The inspection revealed that GTE and the components located inside the enclosure to be extremely dirty. A thorough cleaning was performed with vacuums, denatured alcohol, and lint free rags on all components and hardware.

The High Voltage Bushings (HVBs) and Stand-off Insulators (SOIs) were visually inspected for cracks, movement, and signs of overheating. All six bushings and insulators were found in satisfactory condition.

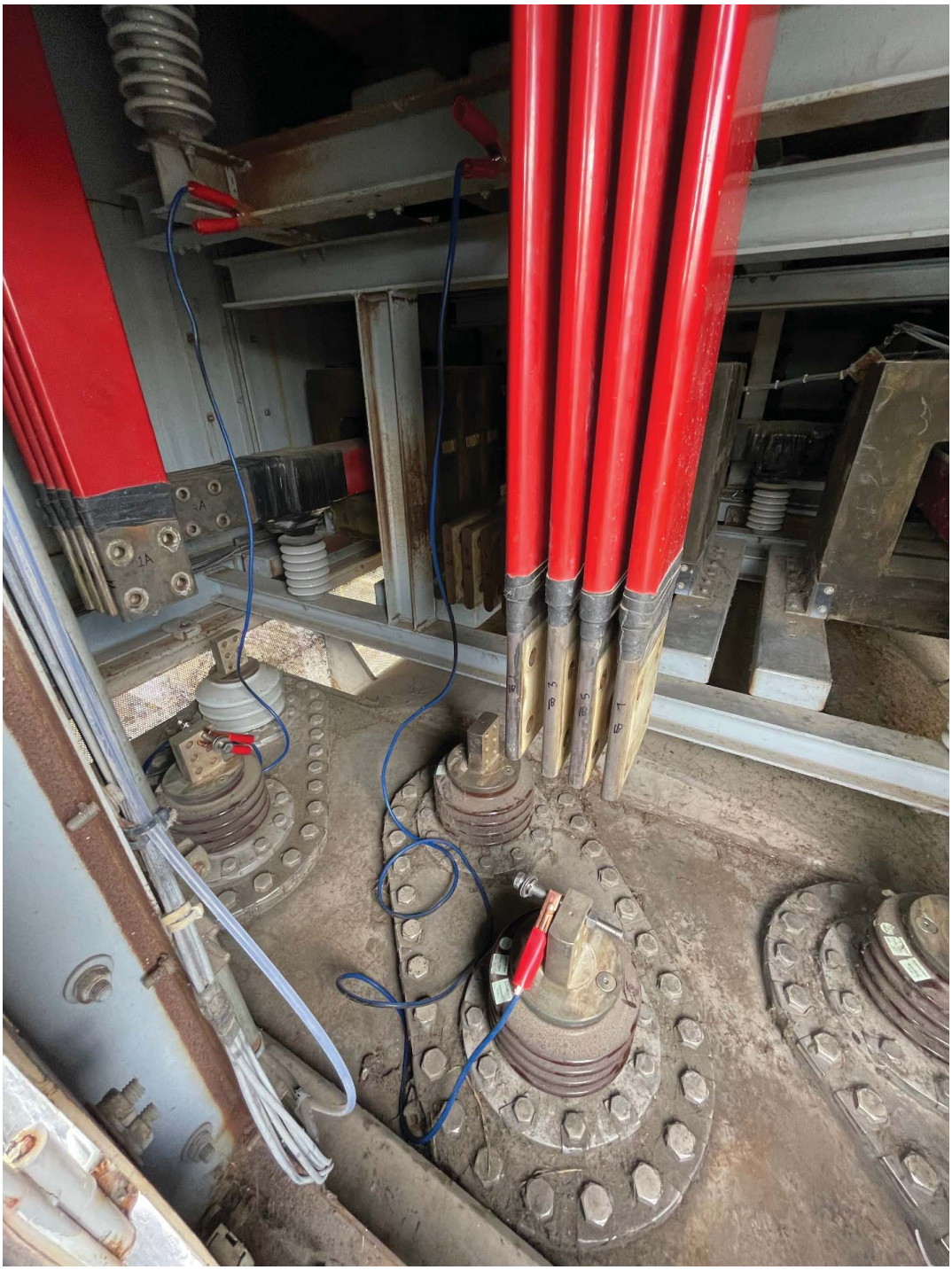
The Current Transformers (CTs) were visually inspected for cracks, movement, tight hardware, and broken or worn wiring. All eighteen CTs were found in satisfactory condition.

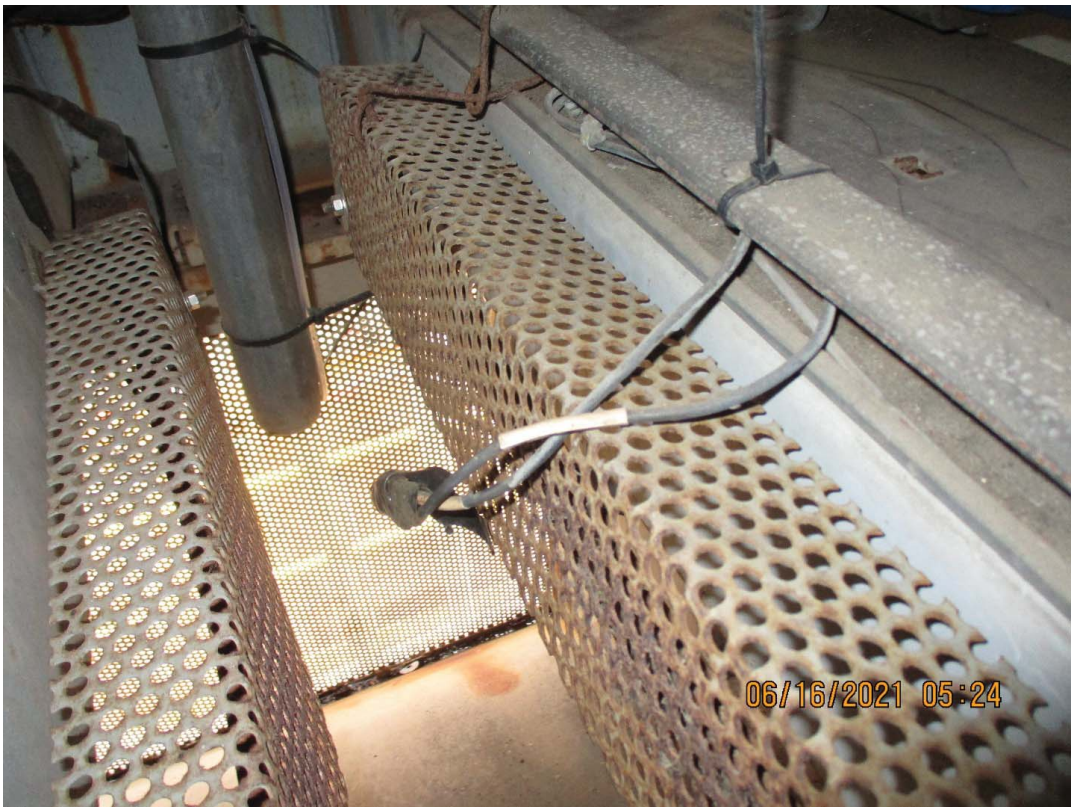
The high voltage buses on the neutral and line side were visually inspected for broken or worn insulation, overheating, and overall cleanliness. The inspection revealed that the insulation on the line and neutral side bus work at the connections is starting to deteriorate and is showing signs of discoloring. I would recommend having the bus work tested to ensure the integrity of the insulation.

The GTE heaters were visually inspected for damage, overheating, broken or worn wires. Upon inspection it was noted that two of the eight heaters were not wired up and just electrical taped together.

Pictures are attached below for review.

GEK 103566: "Creating an Effective Maintenance Program", is available from the local GE office. This publication provides a detailed discussion of GE's recommendations for inspecting and testing generators and should be reviewed during the planning phase of the outage.

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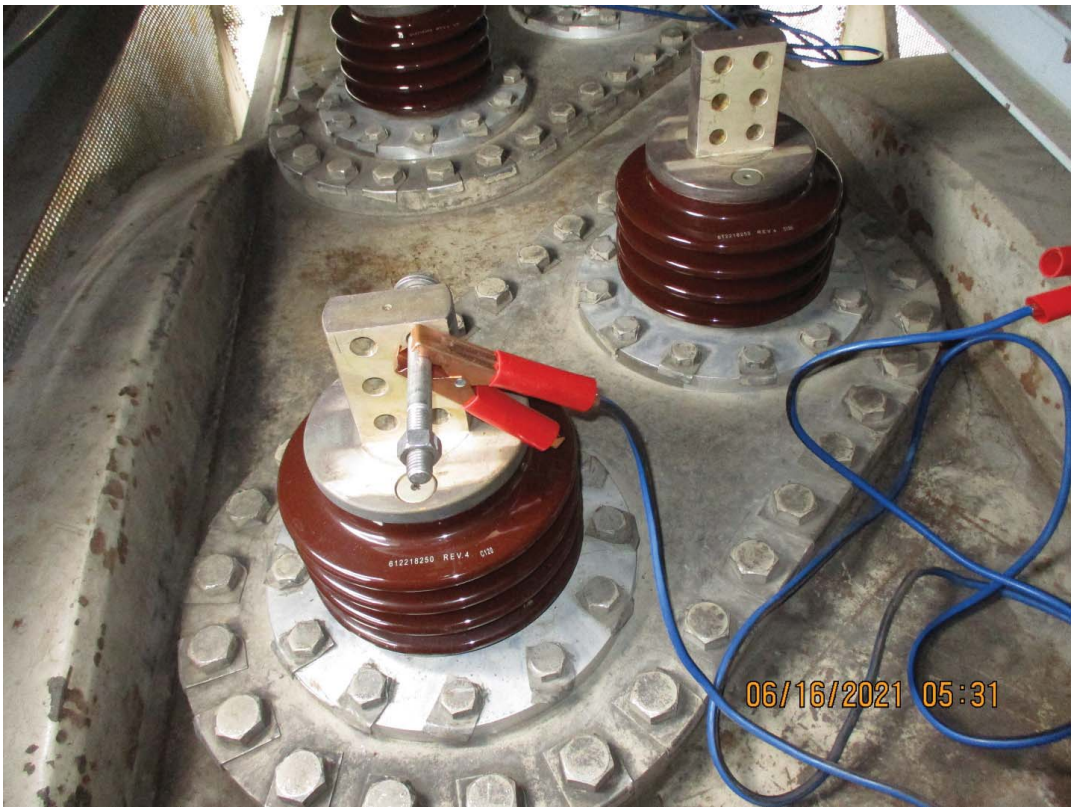
06/16/2021 05:26

06/16/2021 05:31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06/16/2021 05:19

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Friday, June 18, 2021 6:36 AM
To: Hall, Brian L.; Kennedy, Ronald R.; MccLain, Lee
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: RE: Daily update during outages - 06/18
Attachments: Roster_TECO Polk_Unit 1 CI 2021_6-18.pdf

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Ron / Lee / Brian,

Current Status Update as of 06/18 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator In Place
Confined Space / Hot Work Permits
Weather – Heat / Lightning
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Gas Turbine / Generator
Install Flame Scanners
Restore Flame Scanner Cooling Water
Clean Generator Cooler Bays
Replace Fuel Gas P2 Cavity Pressure Transmitter (96FG-2)

Ongoing Generator
Remove Hydrogen Coolers From Load Bearing Scaffolding
Preparations For Hydrogen Cooler Cleaning
Investigate Generator Terminal Enclosure Heaters
Replace Generator Heaters
Clean & Inspect Generator Components
Electrical Testing GTE Bus Work

Issues

Parts / Tools / Consumables
Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced – GE Will Provide

Open items

Fuel Gas Pressure Transmitter (96FG-2) Identified As Bad – Transmitter Replaced – TECO Needs To Calibrate
Steam Turbine Gland Seal Pressure Switch Grounded – Switch Should Be Replaced – Big Bend Has 1 On Hand
Unit 3 Water Injection Stop Valve Regulator (VPR62-11) - Needs To Be Set At 100 PSI

Additional / General Notes
Temporarily Staged Collector Brush Rigging In Maintenance Shop / Brushes In My Trailer – GE Will Perform Cleaning (To Be Completed By 6/23)

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

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tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:FRIDAY, JUNE 18, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
DAVE WILKINSON	CONTROLS SPECIALIST GT		
JON MEACHAM	GENERATOR SPECIALIST		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
RHETT BALL	MILLWRIGHT APP		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		

THOMPSON INDUSTRIAL

CODY HULETT	COVID CLEANING		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Monday, June 21, 2021 6:19 AM
To: Hall, Brian L.; Kennedy, Ronald R.; MccLain, Lee
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: RE: Daily update during outages - 06/21
Attachments: Roster_TECO Polk_Unit 1 CI 2021_6-21.pdf

CAUTION - External Email

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Ron / Lee / Brian,

Current Status Update as of 06/21 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator In Place
Confined Space / Hot Work Permits
Weather – Heat / Lightning
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Generator
Remove Old Generator Heater Wiring
Clean / Inspect / Prep Generator Heater Conduit For Reassembly
Pull New Generator Heater Wiring In
Install Generator Heater Packing Gland
Restore Generator Heater Conduit (Outside Of Stator Frame)
Remove Hydrogen Coolers From Load Bearing Scaffolding
Preparations For Hydrogen Cooler Cleaning – Cleaning Solvent Ordered – Cleaning Location Identified
Verify Fuel Gas P2 Cavity Pressure Transmitter (96FG-2) Functioning Properly

Ongoing Generator
Investigate Generator Terminal Enclosure Heaters
Replace Generator Heaters
Clean & Inspect Collector Brush Rigging
Electrical Testing GTE Bus Work

Completed Items Steam Turbine
Install Gland Sealing Steam Pressure Switch
Calibrate Gland Sealing Steam Pressure Switch

Issues
Unable To Perform GTE Electrical Testing On Friday Due To Weather Conditions – Will Try Again Monday

Parts / Tools / Consumables
Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced – GE Has Placed Order For Replacement Fittings

Open items
Unit 3 Water Injection Stop Valve Regulator (VPR62-11)

Additional / General Notes

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

M +1 407-492-0798 | pFax +1 407-641-9859
tony.bombe1@ge.com

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Monday, June 21, 2021 2:24 PM
To: Mills, Tiller A.; MccLain, Lee; Peterson, Robert R.; Hall, Brian L.; Kennedy, Ronald R.
Cc: Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: RE: Daily update during outages - 06/21

All,

I have to apologize as I had not personally inspected the cooler water circuit until now. I just went an visually inspected the water box on all 5 coolers.

The tube sheet is usually a bright blue epoxy paint. These coolers have a darker brown epoxy paint. My crew mistook that for deposits.

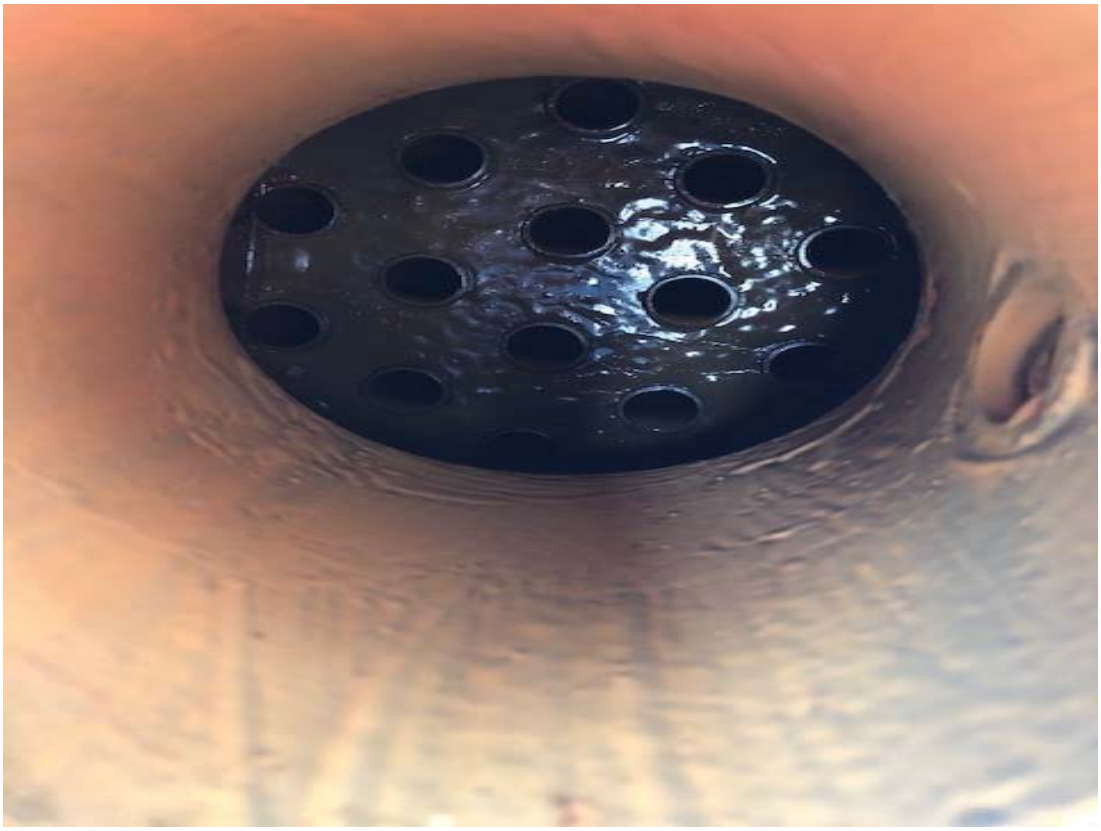
There is a light oxidized film on the tube sheet – it rubs off on your finger tip but nothing to really get a sample of.

The inlet / outlet piping on the water box has some light to moderate oxidized deposits.

I think the coolers need minimal cleaning. A low pressure flush would not be a bad idea.

The remaining testing is probably a good idea – at least a borescope that we should be able to perform after the cleaning is done.

If the tubes are cleaned then we will need to take the water boxes off to provide access to all of the tubes. We will need to get new gaskets if we do remove.



Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

M +1 407-492-0798 | pFax +1 407-641-9859
tony.bombe1@ge.com

From: Mills, Tiller A. <tamills@tecoenergy.com>
Sent: Monday, June 21, 2021 1:48 PM
To: MccLain, Lee <LMccLain@tecoenergy.com>; Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>; Peterson, Robert R. <RRPeterson@tecoenergy.com>; Hall, Brian L. <blhall@tecoenergy.com>; Kennedy, Ronald R. <rrkennedy@tecoenergy.com>
Cc: Richardson, Eric B. <ebrichardson@tecoenergy.com>; Hall, Brian L. <blhall@tecoenergy.com>; Torbert, Justin D. <JDTorbert@tecoenergy.com>; Lozano, Jhonnathan <jxlozano@tecoenergy.com>; Dilport, Nate <NDilport@tecoenergy.com>; Crotts, Mary <MECrotts@tecoenergy.com>; Rivera, Raul <RRivera@tecoenergy.com>; Parker, Gary D. <GParker@tecoenergy.com>; Thompson, Brian R (GE Gas Power) <brian1.thompson@ge.com>
Subject: EXT: RE: Daily update during outages - 06/21

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Definitely get a sample of what is in tubes.

Take picture of internal fouling.

Borescope if possible worst tubes and mark for reference.

Clean tubes by low pressure hydro blasting.

Borescope tubes for pitting after cleaning.

Develop test rig to do a 2 PSI air test for 30 min. or service water hydro at operating pressure and monitor for leakage and decay.

(pending pitting visual inspection, we may need to do a eddy current on tubes)

Tiller

From: MccLain, Lee <LMccLain@tecoenergy.com>
Sent: Monday, June 21, 2021 1:16 PM
To: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>; Peterson, Robert R. <RRPeterson@tecoenergy.com>; Hall, Brian L. <blhall@tecoenergy.com>; Kennedy, Ronald R. <rrkennedy@tecoenergy.com>
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Subject: RE: Daily update during outages - 06/21

Tony
I discussed the coolers with Tiller this morning. I need to get a sample from inside the coolers and have it analyzed. We are going to make a WO for Gaffin to low pressure clean the coolers. At that point we will bore scope or pressure test the tubes.

Thanks

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All,

We need to discuss how to have the cooling water side cleaned.

I had expected the tube sheet and water boxes to be pretty clean – they typically are.

These coolers have moderate to heavy fouling – I am guessing due to the cooling water used.

Gaffin is not in our system and I will not be able to issue a PO to them.

I recommend TECO contracting directly with Gaffin to complete the cleaning of the cooling water circuit.

Tony Bombe
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We are planning on having the tubes inside cleaned and inspected also.

Thank you

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All,

I forgot to mention the Hydrogen Coolers are staged for a visual inspection of the discharge side.

We will need to move the coolers and orientate for cleaning this morning.

Please perform the visual inspection this morning so that the coolers can be moved and cleaned.

Tony Bombe
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Subject: RE: Daily update during outages - 06/21

Ron / Lee / Brian,

Current Status Update as of 06/21 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator In Place
Confined Space / Hot Work Permits
Weather – Heat / Lightning
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Generator
Remove Old Generator Heater Wiring
Clean / Inspect / Prep Generator Heater Conduit For Reassembly
Pull New Generator Heater Wiring In
Install Generator Heater Packing Gland
Restore Generator Heater Conduit (Outside Of Stator Frame)
Remove Hydrogen Coolers From Load Bearing Scaffolding
Preparations For Hydrogen Cooler Cleaning – Cleaning Solvent Ordered – Cleaning Location Identified
Verify Fuel Gas P2 Cavity Pressure Transmitter (96FG-2) Functioning Properly

Ongoing Generator
Investigate Generator Terminal Enclosure Heaters
Replace Generator Heaters
Clean & Inspect Collector Brush Rigging
Electrical Testing GTE Bus Work

Completed Items Steam Turbine
Install Gland Sealing Steam Pressure Switch
Calibrate Gland Sealing Steam Pressure Switch

Issues
Unable To Perform GTE Electrical Testing On Friday Due To Weather Conditions – Will Try Again Monday

Parts / Tools / Consumables
Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced – GE Has Placed Order For Replacement Fittings

Open items
Unit 3 Water Injection Stop Valve Regulator (VPR62-11)

Additional / General Notes

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

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Brown, Paula K.

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Subject: RE: Daily update during outages - 06/21

I will get you a sample of the material inside the water boxes.

Tony Bombe
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Tony
I discussed the coolers with Tiller this morning. I need to get a sample from inside the coolers and have it analyzed. We are going to make a WO for Gaffin to low pressure clean the coolers. At that point we will bore scope or pressure test the tubes.

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All,

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We will need to move the coolers and orientate for cleaning this morning.

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Current Status Update as of 06/21 @ 0700.

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Crane Operations
LOTO – Gas Turbine / Generator In Place
Confined Space / Hot Work Permits
Weather – Heat / Lightning
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Generator
Remove Old Generator Heater Wiring
Clean / Inspect / Prep Generator Heater Conduit For Reassembly
Pull New Generator Heater Wiring In
Install Generator Heater Packing Gland
Restore Generator Heater Conduit (Outside Of Stator Frame)
Remove Hydrogen Coolers From Load Bearing Scaffolding
Preparations For Hydrogen Cooler Cleaning – Cleaning Solvent Ordered – Cleaning Location Identified
Verify Fuel Gas P2 Cavity Pressure Transmitter (96FG-2) Functioning Properly

Ongoing Generator
Investigate Generator Terminal Enclosure Heaters
Replace Generator Heaters
Clean & Inspect Collector Brush Rigging
Electrical Testing GTE Bus Work

Completed Items Steam Turbine
Install Gland Sealing Steam Pressure Switch
Calibrate Gland Sealing Steam Pressure Switch

Issues
Unable To Perform GTE Electrical Testing On Friday Due To Weather Conditions – Will Try Again Monday

Parts / Tools / Consumables
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Open items

Unit 3 Water Injection Stop Valve Regulator (VPR62-11)

Additional / General Notes

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Two places with some damage. But the tubes look good. We are planning on having the tubes inside cleaned and inspected also.

Thank you

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Cc: Mills, Tiller A. <tamills@tecoenergy.com>; Richardson, Eric B. <ebrichardson@tecoenergy.com>; Hall, Brian L. <blhall@tecoenergy.com>; Torbert, Justin D. <JDTorbert@tecoenergy.com>; Peterson, Robert R. <RRPeterson@tecoenergy.com>; Lozano, Jhonnathan <jxlozano@tecoenergy.com>; Dilport, Nate <NDilport@tecoenergy.com>; Crotts, Mary <MECrotts@tecoenergy.com>; Rivera, Raul <RRivera@tecoenergy.com>; Parker, Gary D. <GParker@tecoenergy.com>; Thompson, Brian R (GE Gas Power) <brian1.thompson@ge.com>
Subject: RE: Daily update during outages - 06/21

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All,

I forgot to mention the Hydrogen Coolers are staged for a visual inspection of the discharge side.

We will need to move the coolers and orientate for cleaning this morning.

Please perform the visual inspection this morning so that the coolers can be moved and cleaned.

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

M +1 407-492-0798 | pFax +1 407-641-9859
tony.bombe1@ge.com

From: Bombe, Tony (FieldCore)
Sent: Monday, June 21, 2021 6:19 AM
To: 'Hall, Brian L.' <blhall@tecoenergy.com>; 'Kennedy, Ronald R.' <rrkennedy@tecoenergy.com>; 'LMCCLAIN@TECOENERGY.COM' <LMCCLAIN@TECOENERGY.COM>
Cc: 'tamills@tecoenergy.com' <tamills@tecoenergy.com>; 'Richardson, Eric B.' <ebrichardson@tecoenergy.com>; 'Hall, Brian L.' <blhall@tecoenergy.com>; 'Torbert, Justin D.' <JDTorbert@tecoenergy.com>; 'Peterson, Robert R.' <RRPeterson@tecoenergy.com>; 'Lozano, Jhonnathan' <jxlozano@tecoenergy.com>; 'Dilport, Nate' <NDilport@tecoenergy.com>; 'Crotts, Mary' <MECrotts@tecoenergy.com>; 'Rivera, Raul' <RRivera@tecoenergy.com>; 'Parker, Gary D.' <GParker@tecoenergy.com>; Thompson, Brian R (GE Gas Power) <brian1.thompson@ge.com>
Subject: RE: Daily update during outages - 06/21

Ron / Lee / Brian,

Current Status Update as of 06/21 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator In Place
Confined Space / Hot Work Permits
Weather – Heat / Lightning
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Generator
Remove Old Generator Heater Wiring
Clean / Inspect / Prep Generator Heater Conduit For Reassembly
Pull New Generator Heater Wiring In
Install Generator Heater Packing Gland
Restore Generator Heater Conduit (Outside Of Stator Frame)
Remove Hydrogen Coolers From Load Bearing Scaffolding
Preparations For Hydrogen Cooler Cleaning – Cleaning Solvent Ordered – Cleaning Location Identified
Verify Fuel Gas P2 Cavity Pressure Transmitter (96FG-2) Functioning Properly

Ongoing Generator
Investigate Generator Terminal Enclosure Heaters
Replace Generator Heaters
Clean & Inspect Collector Brush Rigging
Electrical Testing GTE Bus Work

Completed Items Steam Turbine
Install Gland Sealing Steam Pressure Switch
Calibrate Gland Sealing Steam Pressure Switch

Issues
Unable To Perform GTE Electrical Testing On Friday Due To Weather Conditions – Will Try Again Monday

Parts / Tools / Consumables
Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced – GE Has Placed Order For Replacement Fittings

Open items
Unit 3 Water Injection Stop Valve Regulator (VPR62-11)

Additional / General Notes

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

M +1 407-492-0798 | pFax +1 407-641-9859
tony.bombe1@ge.com

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Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Monday, June 21, 2021 6:34 AM
To: Hall, Brian L.; Kennedy, Ronald R.; MccLain, Lee
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
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Tony Bombe
Senior Field Engineer – Gas Turbine
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Additional / General Notes

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tony.bombe1@ge.com

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Cc: 'tamills@tecoenergy.com' <tamills@tecoenergy.com>; 'Richardson, Eric B.' <ebrichardson@tecoenergy.com>; 'Hall, Brian L.' <blhall@tecoenergy.com>; 'Torbert, Justin D.' <JDTorbert@tecoenergy.com>; 'Peterson, Robert R.' <RRPeterson@tecoenergy.com>; 'Lozano, Jhonnathan' <jxlozano@tecoenergy.com>; 'Dilport, Nate' <NDilport@tecoenergy.com>; 'Crotts, Mary' <MECrotts@tecoenergy.com>; 'Rivera, Raul' <RRivera@tecoenergy.com>; 'Parker, Gary D.' <GParker@tecoenergy.com>; Thompson, Brian R (GE Gas Power) <brian1.thompson@ge.com>
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Parts / Tools / Consumables
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Open items
Unit 3 Water Injection Stop Valve Regulator (VPR62-11)

Additional / General Notes

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

M +1 407-492-0798 | pFax +1 407-641-9859
tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:MONDAY, JUNE 21, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
ROD BAKER	NIGHT SHIFT FES		
JON MEACHAM	GENERATOR SPECIALIST		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
RHETT BALL	MILLWRIGHT APP		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		
	ELECTRICAL SUPPORT		

THOMPSON INDUSTRIAL

CODY HULETT	COVID CLEANING		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Tuesday, June 22, 2021 6:27 AM
To: Hall, Brian L.; Kennedy, Ronald R.; MccLain, Lee
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: RE: Daily update during outages - 06/22
Attachments: Roster_TECO Polk_Unit 1 CI 2021_6-22.pdf

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Ron / Lee / Brian,

Current Status Update as of 06/22 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator In Place
Confined Space / Hot Work Permits
Weather – Heat / Lightning
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Generator
Remove GTE Bus To Isophase Links / Determinate CT's For Generator Terminal Bus 5KV Meggar Testing
Clean Generator Stator Frame Hydrogen Cooler Mating Surfaces
Clean Oil In Bottom Stator Core From Hydrogen Cooler Conduit
Setup Hydrogen Cooler Cleaning Area At LF Unloading Area

Ongoing Generator
Investigate Generator Terminal Enclosure Heaters
Replace Generator Heaters
Clean & Inspect Collector Brush Rigging
Electrical Testing GTE Bus Work

Issues
Unable To Complete GTE Electrical Testing On Monday Due To Weather Conditions – 1 Phase Completed With Good Readings / Remaining Two Phases Will be Completed Today
Hydrogen Cooler – Issues With Vendor Supplying Cleaning Solvent As Promised – ETA Now 6/23 to 6/24.
Noted Minor Damage To Collector Brush Rigging Insulation Plate – Will Investigate Further Today

Parts / Tools / Consumables

Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced – GE Has Placed Order For Replacement Fittings – ETA 6/23

Open items

Unit 3 Water Injection Stop Valve Regulator (VPR62-11)

Additional / General Notes

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

M +1 407-492-0798 | pFax +1 407-641-9859
tony.bombe1@ge.com

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Thursday, June 24, 2021 6:28 AM
To: Hall, Brian L.; Kennedy, Ronald R.; McClain, Lee
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: RE: Daily update during outages - 06/24
Attachments: Roster_TECO Polk_Unit 1 CI 2021_6-24.pdf

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Ron / Lee / Brian,

Current Status Update as of 06/24 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator In Place
Confined Space / Hot Work Permits
Weather – Heat / Lightning
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Generator
Investigate Generator Terminal Enclosure Heaters
Clean & Inspect Collector Brush Rigging

Ongoing Generator
Replace Generator Heaters
Prep Job Site For Temporary Shutdown

Issues
Generator Terminal Enclosure Bus Electrical Testing– Readings Have Been Reviewed By TECO – Will Leave Isophase To Bus Duct Links Out To Allow Additional Testing When The Weather Becomes Favorable
Hydrogen Cooler – Issues With Vendor Supplying Cleaning Solvent As Promised – ETA Now Undetermined (Best Estimate Monday)
Generator Terminal Enclosure Heaters As Found Wiring Does Not Appear To Be Correct – Connection Drawings Not Available – Submitted Proposed Wiring / Connection Drawing to Engineering For Review.
Generator Terminal Enclosure Heater Inspection Determine Wiring And Heaters Need To Be Replaced – Checking Part Availability / Quote In Progress

Parts / Tools / Consumables

Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced – ETA 6/23 – Checking With Vendor To Locate
Generator Stator Space Heaters – Remaining Two Heaters Expected To Ship On 7/6/21

Open items

Additional / General Notes

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

M +1 407-492-0798 | pFax +1 407-641-9859
tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:TUESDAY, JUNE 22, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
ROD BAKER	NIGHT SHIFT FES		
JON MEACHAM	GENERATOR SPECIALIST		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
RHETT BALL	MILLWRIGHT APP		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		
TONY PRICE	ELECTRICAL SUPPORT		

THOMPSON INDUSTRIAL

CODY HULETT	COVID CLEANING		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Wednesday, June 23, 2021 6:18 AM
To: Hall, Brian L.; Kennedy, Ronald R.; McClain, Lee
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: RE: Daily update during outages - 06/23
Attachments: Roster_TECO Polk_Unit 1 CI 2021_6-23.pdf

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Ron / Lee / Brian,

Current Status Update as of 06/23 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator In Place
Confined Space / Hot Work Permits
Weather – Heat / Lightning
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Generator
Electrical Testing GTE Bus Work
Move Hydrogen Coolers To Cleaning Area
Clean Up Hydrogen Cooler Temporary Storage Area

Ongoing Generator
Investigate Generator Terminal Enclosure Heaters
Replace Generator Heaters
Clean & Inspect Collector Brush Rigging

Issues
GTE Bus Electrical Testing Is Being Impacted By Weather – We Have Taken The Readings On 3 Separate Occasions – Readings Have Been Provided To TECO For Review
Hydrogen Cooler – Issues With Vendor Supplying Cleaning Solvent As Promised – ETA Now Undetermined (Best Estimate Monday)
Noted Minor Damage To Collector Brush Rigging Insulation Plate – Engineering Recommendation To Leave As Is And Monitor
Generator Terminal Enclosure Heaters As Found Wiring Does Not Appear To Be Correct – Connection Drawings Not Available – Will Submit Proposed Wiring / Connection Drawing to Engineering For Review.

Parts / Tools / Consumables
Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced – GE Has Placed Order For Replacement Fittings – ETA 6/23

Open items

Additional / General Notes

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

M +1 407-492-0798 | pFax +1 407-641-9859
tony.bombe1@ge.com

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Wednesday, June 23, 2021 6:37 AM
To: Hall, Brian L.; Kennedy, Ronald R.; MccLain, Lee
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Please advise if you want to keep the dehumidifier in operation. The month rental period is quickly approaching. If no longer needed I will arrange to have it picked up when the rental period expires.

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

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tony.bombe1@ge.com

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Parts / Tools / Consumables
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Open items

Additional / General Notes

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TECO POLK SPRING 2021

DAY SHIFT

DATE:WEDNESDAY, JUNE 23, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
ROD BAKER	NIGHT SHIFT FES		
JON MEACHAM	GENERATOR SPECIALIST		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
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TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
MICHAEL THIBODEAU	MILLWRIGHT		
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TONY PRICE	ELECTRICAL SUPPORT		

THOMPSON INDUSTRIAL

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Generator Terminal Enclosure Heater Inspection Determine Wiring And Heaters Need To Be Replaced – Checking Part Availability / Quote In Progress

Parts / Tools / Consumables

Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced – ETA 6/23 – Checking With Vendor To Locate
Generator Stator Space Heaters – Remaining Two Heaters Expected To Ship On 7/6/21

Open items

Additional / General Notes

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

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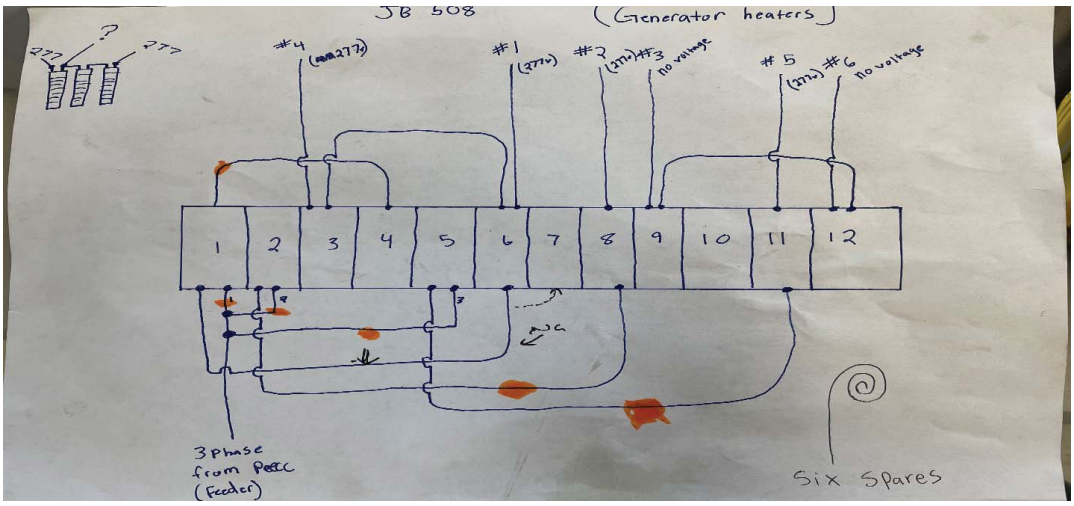
tony.bombe1@ge.com

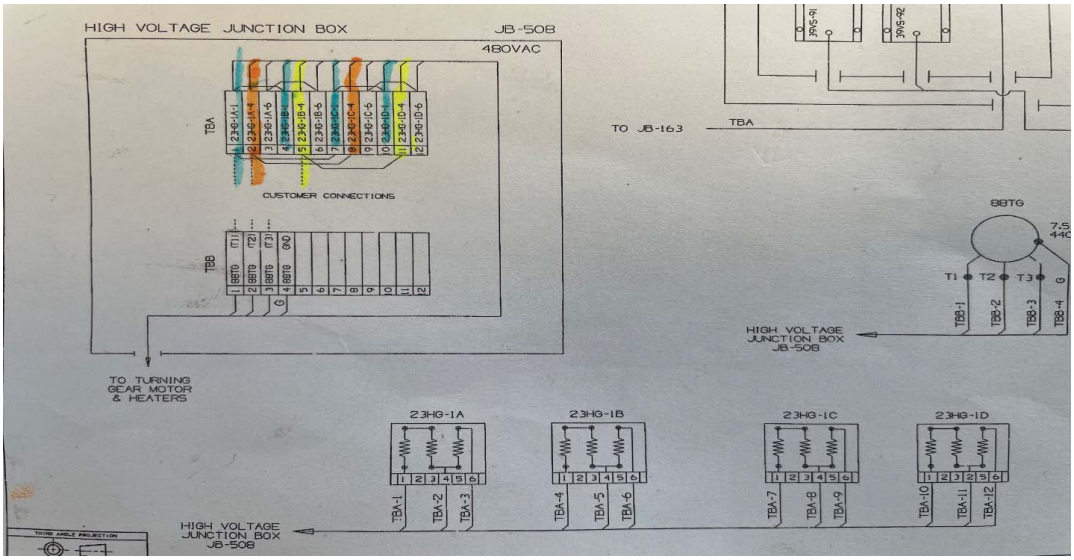
TECO Polk Unit #1

During Unit 1 MAGIC Inspection EDE was instructed to de-term and remove conduit and wiring between JB-508A and the Conex fitting that enters the generator. During this time EDE discovered that there were multiple issues in the wiring and heaters.

At this point we (EDE) requested the drawings for the generator heater circuits to verify wiring and heater model. We started to review the drawings and noticed that there were supposed to be (12) wires used coming from JB508 to JB-508A and there were only (6) wires in use and the other (6) wires were taped up in JB-508 appearing to be spared out. Leaving JB-508A there were only (6) solid #14 THHN wires in the conduit. We stopped and created a field de-term sheet to map out what was done to restore in the future, see below.

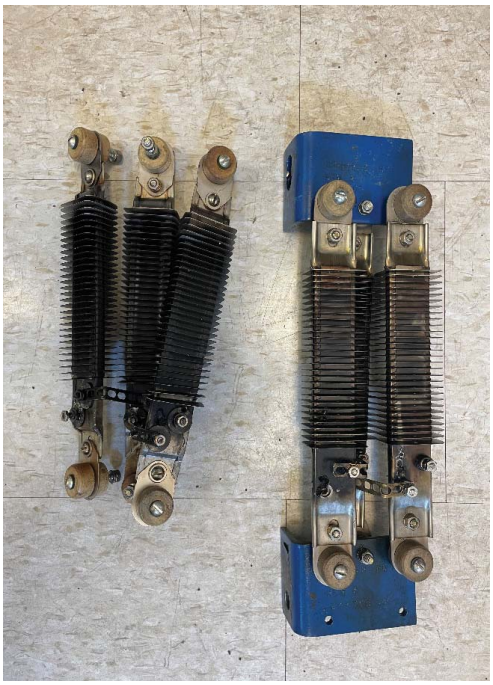


The field de-term drawing is not anything like what the drawing we reviewed supplied by GE 108E7884.



TECO Polk Unit #1

When we removed the conduit going into the Conex fitting entering the generator, we (EDE) noticed that the other (6) #14 Solid THHN wires were cut at the Conex fitting. We pulled the rest of the conduit out of the way and started to investigate removing the generator heaters. When we got to the (4) generator heaters we discovered they have ALL been shorted out and had blow holes (evidence of short circuit) in ALL (4) heaters removed, see below for examples.



After discovering that the Generator Heaters were shorted, we went back to the drawings. We started to compare what was done in the field to the OEM GE drawing 108E7884. After reviewing the GE OEM Dwg and comparing it to the field de-term sheet we noticed that the 480V supply was parallel to all the heaters rather than in a series – parallel circuit causing them ALL to fail.

The Field de-term sheet shows that the incoming 480v feed is landed on TB1, TB2,TB5. There are jumpers that split up the feed to distribute to the heaters, and noticed that the jumper between TB1 and TB6 was wrong. That termination point should have been to TB7, on the incoming feed side.

The Field de-term sheet also shows on the heater side of the TB that that wiring does not match the GE OEM Dwg. It shows only (6) wires going to heaters, rather than the (12) needed. The way the feed side and the heater side of the TB is wired 480v power was parallel to the heaters.

We are going to replace the wiring coming form JB-508 out to all the generator heaters and install according to the supplied GE dwg. 108E7884.

TECO POLK SPRING 2021

DAY SHIFT

DATE:THURSDAY, JUNE 24, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
JON MEACHAM	GENERATOR SPECIALIST		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
JUSTIN LANGSDON	MILLWRIGHT		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Friday, June 25, 2021 6:18 AM
To: Hall, Brian L.; Kennedy, Ronald R.; MccLain, Lee
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: RE: Daily update during outages - 06/25
Attachments: Roster_TECO Polk_Unit 1 CI 2021_6-25.pdf

CAUTION - External Email

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Ron / Lee / Brian,

Current Status Update as of 06/25 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator In Place
Confined Space / Hot Work Permits
Weather – Heat / Lightning
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Generator
Remove Insulation For Exhaust Vibration Instrumentation Mounting Blocks
Terminate Generator Stator Frame Heaters Collector End

Ongoing Generator
Prep Job Site For Temporary Shutdown

Issues
Generator Terminal Enclosure Bus Electrical Testing– Readings Have Been Reviewed By TECO – Will Leave Isophase To Bus Duct Links Out To Allow Additional Testing When The Weather Becomes Favorable
Hydrogen Cooler – Issues With Vendor Supplying Cleaning Solvent As Promised – ETA Now Undetermined (Best Estimate Monday)
Generator Terminal Enclosure Heaters As Found Wiring Does Not Appear To Be Correct – Connection Drawings Not Available – Submitted Proposed Wiring / Connection Drawing to Engineering For Review.
Generator Terminal Enclosure Heater Inspection Determine Wiring And Heaters Need To Be Replaced – Checking Part Availability / Quote In Progress

Parts / Tools / Consumables
Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced – Received
Generator Stator Space Heaters – Remaining Two Heaters Expected To Ship On 7/6/21

Open items

Additional / General Notes

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

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tony.bombe1@ge.com

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Friday, June 25, 2021 6:17 AM
To: Hall, Brian L.; Kennedy, Ronald R.; MccLain, Lee
Cc: Mills, Tiller A.; Richardson, Eric B.; Hall, Brian L.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; Thompson, Brian R (GE Gas Power)
Subject: RE: Daily update during outages - 06/25

CAUTION - External Email

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Ron / Lee / Brian,

Current Status Update as of 06/25 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator In Place
Confined Space / Hot Work Permits
Weather – Heat / Lightning
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Items Generator
Remove Insulation For Exhaust Vibration Instrumentation Mounting Blocks
Terminate Generator Stator Frame Heaters Collector End

Ongoing Generator
Prep Job Site For Temporary Shutdown

Issues
Generator Terminal Enclosure Bus Electrical Testing– Readings Have Been Reviewed By TECO – Will Leave Isophase To Bus Duct Links Out To Allow Additional Testing When The Weather Becomes Favorable
Hydrogen Cooler – Issues With Vendor Supplying Cleaning Solvent As Promised – ETA Now Undetermined (Best Estimate Monday)
Generator Terminal Enclosure Heaters As Found Wiring Does Not Appear To Be Correct – Connection Drawings Not Available – Submitted Proposed Wiring / Connection Drawing to Engineering For Review.
Generator Terminal Enclosure Heater Inspection Determine Wiring And Heaters Need To Be Replaced – Checking Part Availability / Quote In Progress

Parts / Tools / Consumables
Generator Hydrogen Cooler Vent Piping – Nipples From Coolers To Drain Piping Need Replaced – Received
Generator Stator Space Heaters – Remaining Two Heaters Expected To Ship On 7/6/21

Open items

Additional / General Notes

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

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tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:FRIDAY, JUNE 25, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		

APM CREW

SAM FREEMAN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
RHETT BALL	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Friday, September 17, 2021 8:26 AM
To: Hall, Brian L.; McclLain, Lee
Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy, Ronald R.
Subject: RE: Daily update during outages - 09/17

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Ron / Brian,

Current Status Update as of 06/03 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement
Mobilize Turbine Compartment – Establish FME Zone 2
Marshall / Stage Tooling - Receive Exhaust Casing Hydraulic Tooling
Determinate Turbine Compartment Fan
Remove T2 Bearing Tunnel Piping From Fan Module
Unbolt Exhaust Frame / Bearing Tunnel – Turbine Compartment Fan Assemblies
Remove Upper Exhaust Frame Blower Flex Hoses
Hot Bolt Upper Exhaust Frame Blower Manifold
Install Turbine / Exhaust Casing Vertical Joint Jack
Detension & Remove Exhaust / Turbine Casing Vertical Joint Bolts

Ongoing Items T2 Bearing Lift Oil Hose Replacement
Determinate Aft Turbine Compartment Roof (Exhaust Frame / Bearing Tunnel Blower – 90TS Valve – Pressure Switches & Transmitters – Hazardous Gas Detectors)
Remove Roof Piping
Remove Turbine Compartment Fan / Exhaust Frame Blower – Bearing Tunnel Blower Assemblies
Remove Aft Turbine Compartment Roof Panel
Detension & Remove Exhaust Casing External Horizontal Joint Bolts
Remove Insulation Aft Exhaust Casing To Aft Turbine Compartment Wall
Detension & Remove Exhaust / Diffuser Vertical Joint Bolts

Ongoing Items Generator Reassembly
Support Rewind Activities

Issues

Parts / Tools / Consumables

Open items

Additional / General Notes

Additional Manpower Arrived On Site To Support T2 Bearing Lift Oil For Day Shift – Night shift

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

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tony.bombe1@ge.com

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Saturday, September 18, 2021 8:16 AM
To: Hall, Brian L.; MccLain, Lee
Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy, Ronald R.
Subject: RE: Daily update during outages - 09/18

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Ron / Brian,

Current Status Update as of 09/18 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement
Determinate Aft Turbine Compartment Roof (Exhaust Frame / Bearing Tunnel Blower – 90TS Valve – Pressure Switches & Transmitters – Hazardous Gas Detectors)
Remove Roof Piping
Remove Turbine Compartment Fan / Exhaust Frame Blower – Bearing Tunnel Blower Assemblies
Remove Aft Turbine Compartment Roof Panel
Remove Insulation Aft Exhaust Casing To Aft Turbine Compartment Wall
Detension & Remove Exhaust / Diffuser Vertical Joint Bolts

Ongoing Items T2 Bearing Lift Oil Hose Replacement
Detension & Remove Exhaust Casing External Horizontal Joint Bolts

Completed Items Generator Reassembly
Remove Load Compartment Scaffolding
Remove GTE Access Scaffolding
Remove Collector Compartment Roof Panel
Remove Collector Compartment Decking
Remove Upper Half Load Compartment Section
Clean TE & CE Stator End Shield Flanges
Install Field Trolley Tracks & Weld In Place

Ongoing Items Generator Reassembly
Prep Stator Core For Field Installation – Final Clean Out / Transition To FME Level 1

Clean L/H TE & CE End Shields – Set In Collector Cab / Load Compartments On Temporary Supports
Install Skid Pan / Prep Coupling Shoe & Field Body Shoes & Field Trolleys
Remove Awnings From Field
Fly Field From Crane Bay To Platform
Finalize Field Installation Tooling
Pull Field Into Core

Ongoing Items Generator Rewind
Load Out Tooling / Connex

Issues
Lost 2 Hours To Weather Yesterday & 4 On Thursday (Total of 6 Hours To Date)

Parts / Tools / Consumables

Open items

Additional / General Notes
Additional Manpower To Support T2 Bearing Lift Oil For Day Shift Still In Progress (Short 2) Expect At Least 1 To Arrive Sunday – Night Shift Short (2) Last Night – Expect Full Crew Tonight

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

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tony.bombe1@ge.com

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Sunday, September 19, 2021 6:35 AM
To: Hall, Brian L.; McClain, Lee
Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy, Ronald R.
Subject: RE: Daily update during outages - 09/19

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Ron / Brian,

Current Status Update as of 09/19 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement
Detension & Remove Exhaust Casing External Horizontal Joint Bolts
Remove U/H Exhaust Casing
Remove T2 Bearing Cap
Remove T2 Bearing Strong Back

Ongoing Items T2 Bearing Lift Oil Hose Replacement
Install Decking Exhaust Casing Horizontal Joint
Clean & Inspect Exhaust Casing / Bearing Housing Bolting
Clean & Inspect Exhaust Casing
Cut Window T2 Bearing Drain Piping For Lift Oil Hose Access
Replace T2 Bearing
Install T2 Bearing Instrumentation

Completed Items Generator Reassembly
Prep Stator Core For Field Installation – Final Clean Out / Transition To FME Level 1
Clean L/H TE & CE End Shields – Set In Collector Cab / Load Compartments On Temporary Supports
Install Skid Pan / Prep Coupling Shoe & Field Body Shoes & Field Trolleys
Remove Awnings From Field
Fly Field From Crane Bay To Platform
Finalize Field Installation Tooling
Clean Stator Frame H2 Cooler Bays

Ongoing Items Generator Reassembly
Pull Field Into Core
Install Field Shaft Supports (Eyebrows)
Remove Skid Pan, Field Body & Coupling Shoes
Install Lower End Shields
Install H2 Coolers
Clean & Inspect U/H End Shields
Clean & Inspect – Prep End Shield Hardware

Complete Items Generator Rewind
Load Out Tooling / Connex

Issues
Lost 6 Hours To Weather To Date
Bees Swarming In Load Compartment – Exterminator Called To Site Late Yesterday Afternoon – Will Inspect This Morning And Address As Needed
Noted Heavy Distress On Exhaust Frame Flex Seal After Exhaust Casing Removed – Should Be Replaced Before Reassembly – Checking On Part Availability

Parts / Tools / Consumables
Received Replacement Exhaust Frame Horizontal Joint Gaskets

Open items

Additional / General Notes
Additional Manpower To Support T2 Bearing Lift Oil Complete – Full Crew Last Night – Expect Full Crew Today On Day Shift

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FieldCore

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TECO POLK SPRING 2021

DAY SHIFT

DATE:SUNDAY, SEPTEMBER 19, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
MICHAEL THIBODEAU	DAY SHIFT FES (OJT)		
XAVIER WILSON	SAFEY SPECIALIST		
JEFF SHULL	POJECT CONTROLS SPECIALIST		

APM CREW

SCOTT ILLGEN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
RANDY JOHNSON	MILLWRIGHT		
MARK CARO	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
HAROLD PETERS	MILLWRIGHT		
WALTER EDQUIST	MILLWRIGHT		
ANDREW MAYNARD	MILLWRIGHT		
ROB GETTEL	MILLWRIGHT		
RANDY STONE	MILLWRIGHT		
RESTON STONE	MILLWRIGHT		
TONY SIMMONS	MILLWRIGHT		
JOESPH JOHNS	MILLWRIGHT		
JACOB KOACH	MILLWRIGHT APP		

EDE

	ELECTRICAL SUPPORT		
	ELECTRICAL SUPPORT		

BRACE

BILLY WARNER	SCAFFOLD SUPPORT		

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:SUNDAY, SEPTEMBER 19, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE		
NICK SANTAMARIA	SAFEY SPECIALIST		

APM CREW

KIRK MAY	SUPERINTENDENT		
RICKY EWING	SME		
PAUL DENARDO	MILLWRIGHT		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
CHRISTOPHER BAPTISTA	MILLWRIGHT		
KALEOOAKAI ARNOLNLD	MILLWRIGHT		
MATT MORTIN	MILLWRIGHT		
JESSE KIRMMELBEIN	MILLWRIGHT		
RICKY MILLER	MILLWRIGHT		
RYAN GARRISON	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
YADIEL SANTANA	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Monday, September 20, 2021 8:39 AM
To: Hall, Brian L.; McclLain, Lee
Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy, Ronald R.
Subject: RE: Daily update during outages - 09/20
Attachments: Roster_TECO Polk_Unit 1 CI 2021_9-20_Nights.pdf; Roster_TECO Polk_Unit 1 CI 2021_9-19_Days.pdf; Roster_TECO Polk_Unit 1 CI 2021_9-19_Nights.pdf; Roster_TECO Polk_Unit 1 CI 2021_9-20_Days.pdf

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Ron / Brian,

Current Status Update as of 09/20 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement
Install Decking Exhaust Casing Horizontal Joint
Inspect T2 Bearing Instrumentation
Install T2 Shaft Jack And Jack Up Rotor
Remove T2 Bearing
Inspect T2 Bearing And Oil Seals
Clean & Inspect Exhaust Casing / Bearing Housing Bolting
Perform Incoming Inspection Replacement T2 Bearing
Remove Exhaust Casing Flex Seals

Ongoing Items T2 Bearing Lift Oil Hose Replacement
Clean & Inspect Exhaust Casing
Replace T2 Bearing (Old) Bearing Metal Thermocouples
Install T2 Bearing (Old)
Install T2 Bearing Instrumentation
Install New Exhaust Frame Flex Seals

Completed Items Generator Reassembly
Pull Field Into Core
Clean Stator Frame H2 Cooler Bays – Perform Close Out Inspection With TECO (Justin T)
Pull H2 Coolers Into Stator Frame

Install TE Shaft Support (Eyebrow)
Set L/H TE End Shield
Clean & Inspect U/H End Shields
Clean & Inspect – Prep End Shield Hardware

Ongoing Items Generator Reassembly
Torque L/H TE End Shield
Install TE Shaft Jack
Remove TE Shaft Support (Eyebrow)
Install CE Field Shaft Supports (Eyebrow)
Remove Skid Pan, Field Body & Coupling Shoes
Install Lower CE End Shield
Torque L/H CE End Shield
Install T3 Bearing L/H (Temporary)
Remove TE Shaft Jack
Install CE Shaft Jack
Remove CE Shaft Support (Eyebrow)
Install T4 Bearing L/H (Temporary)
Remove CE Shaft Jack
Remove Field Trolley Guide Tracks
Install & Torque H2 Cooler Tube Sheet Bolting – Install Floating End Packing Rings & Torque

Issues
Weather Stand Down 4:00 PM To 10:00 PM - 12 Hour Delay Due To Weather To Date
Bees Swarming Break Trailer – TECO Addressed Yesterday Afternoon – Will Inspect This Morning And Address As Needed
Noted Heavy Distress On Exhaust Frame Flex Seal After Exhaust Casing Removed – Disassembly Complete – Replacement Parts En Route – ETA 1800 Today
Replacement T2 Bearing Did Not Ship With Oil Seals – Visual Inspection Only Performed On Old Bearing – Minor Wear with Atypical Wear Pattern Noted - Bearings Appears To Be Suitable For Return To Service (Will Need To Replace Thermocouples – In Progress On Site) – JD Babbitt Standing By To Send New Oil Seals If Decision To Proceed With New Bearing – ETA Before 0700 Tomorrow

Parts / Tools / Consumables
Issue With Hydraulic Shaft Supports – Tool Kit Contained Two Different Length Wire Rope Slings (~10" Different) – One Sling Too Short To Be Used – Resulted In Delay Getting Field On Shaft Supports – Currently Working To Get The One Sling Used On TE Freed Up To Use On CE. Will Open NCR To Have The Issue Addressed To Prevent Future Occurrence.

Open items

Additional / General Notes

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

M +1 407-492-0798 | pFax +1 407-641-9859
tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:MONDAY, SEPTEMBER 20, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
MICHAEL THIBODEAU	DAY SHIFT FES (OJT)		
XAVIER WILSON	SAFEY SPECIALIST		
JEFF SHULL	POJECT CONTROLS SPECIALIST		

APM CREW

SCOTT ILLGEN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
RANDY JOHNSON	MILLWRIGHT		
MARK CARO	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
HAROLD PETERS	MILLWRIGHT		
WALTER EDQUIST	MILLWRIGHT		
ANDREW MAYNARD	MILLWRIGHT		
ROB GETTEL	MILLWRIGHT		
RANDY STONE	MILLWRIGHT		
RESTON STONE	MILLWRIGHT		
TONY SIMMONS	MILLWRIGHT		
JOESPH JOHNS	MILLWRIGHT		
JACOB KOACH	MILLWRIGHT APP		

EDE

	ELECTRICAL SUPPORT		
	ELECTRICAL SUPPORT		
	ELECTRICAL SUPPORT		

BRACE

BILLY WARNER	SCAFFOLD SUPPORT		
DAVID FREEMAN	SCAFFOLD SUPPORT		
	SCAFFOLD SUPPORT		
	SCAFFOLD SUPPORT		
	SCAFFOLD SUPPORT		
	SCAFFOLD SUPPORT		

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:MONDAY, SEPTEMBER 20, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE		
NICK SANTAMARIA	SAFEY SPECIALIST		

APM CREW

KIRK MAY	SUPERINTENDENT		
RICKY EWING	SME		
PAUL DENARDO	MILLWRIGHT		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
CHRISTOPHER BAPTISTA	MILLWRIGHT		
KALEOOAKAI ARNOLNLD	MILLWRIGHT		
MATT MORTIN	MILLWRIGHT		
JESSE KIRMMELBEIN	MILLWRIGHT		
RICKY MILLER	MILLWRIGHT		
RYAN GARRISON	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
YADIEL SANTANA	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Tuesday, September 21, 2021 9:56 AM
To: Hall, Brian L.; McClain, Lee
Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Feldman, Frank; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy, Ronald R.
Subject: RE: Daily update during outages - 09/21
Attachments: Roster_TECO Polk_Unit 1 CI 2021_9-21_Nights.pdf; Roster_TECO Polk_Unit 1 CI 2021_9-21_Days.pdf

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Ron / Brian,

Current Status Update as of 09/21 @ 0700. Sorry for being late – forgot to hit send.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement
Clean & Inspect Exhaust Casing
Replace T2 Bearing (Old) Bearing Metal Thermocouples
Roll In T2 Bearing (Old)
Remove T2 Shaft Jack
Take Closing T2 Bore Readings
Install U/H Exhaust Frame Flex Seals
Clean & Inspect T2 U/H Bearing Cap & Strong Back

Ongoing Items T2 Bearing Lift Oil Hose Replacement
Install New T2 Bearing Lift Oil Hoses & Pressure Test
Install T2 Bearing Oil Seals
Take Closing T2 Bearing Seal Clearances
Install U/H T2 Bearing
Install T2 Bearing Instrumentation
Install T2 Bearing Strong Back & Bearing Cap
Install New Exhaust Frame Flex Seals

Completed Items Generator Reassembly
Torque TE Lower End Shield & Perform Gap Check
Install T3 Shaft Jack

Remove TE Shaft Support
Install CE Shaft Support
Remove Skid Pan & Field Body Shoes
Remove Field Anti-Rotation Device – Install Bore Plug
Install CE Lower End Shield & Torque – Perform Gap Check
Roll In Lower T3 Bearing
Remove T3 Bearing Shaft Jack
Install T4 Shaft Jack
Remove CE Shaft Support
Remove Field Trolley Guide Tracks
Install & Torque H2 Cooler Tube Sheet Bolting – Install Floating End Packing Rings & Torque
Remove H2 Cooler Load Bearing Scaffolding
Install Load Compartment Scaffolding
Remove Generator Core Ring Test Scaffolding
Install High Voltage Bushing Flex Leads – Torque First Pass

Ongoing Items Generator Reassembly
Install T4 Bearing L/H (Temporary)
Connect Temporary Lift Oil System To T3 & T4 Bearings
Roll In Lower TE / CE Inner Gas Shield
Install Upper TE / CE Inner Gas Shield
Install TE / CE Fan Blades
Torque High Voltage Bushing Flex Leads – Second First Pass
Final Clean / Close Out Inspection GTE

Issues
Weather Stand Down - 12 Hour Delay Due To Weather To Date

Parts / Tools / Consumables

Open items

Additional / General Notes

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

M +1 407-492-0798 | pFax +1 407-641-9859
tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:TUESDAY, SEPTEMBER 21, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
MICHAEL THIBODEAU	DAY SHIFT FES (OJT)		
XAVIER WILSON	SAFEY SPECIALIST		
PAUL BLACK	EXHAUST VIBRATION		
TRAVIS WARREN	EXHAUST VIBRATION		
JEFF SHULL	POJECT CONTROLS SPECIALIST		

APM CREW

SCOTT ILLGEN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
RANDY JOHNSON	MILLWRIGHT		
MARK CARO	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
HAROLD PETERS	MILLWRIGHT		
WALTER EDQUIST	MILLWRIGHT		
ANDREW MAYNARD	MILLWRIGHT		
ROB GETTEL	MILLWRIGHT		
RANDY STONE	MILLWRIGHT		
RESTON STONE	MILLWRIGHT		
TONY SIMMONS	MILLWRIGHT		
JOESPH JOHNS	MILLWRIGHT		
JACOB KOACH	MILLWRIGHT APP		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		

BRACE

BILLY WARNER	SCAFFOLD SUPPORT		

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:TUESDAY, SEPTEMBER 21, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE		
NICK SANTAMARIA	SAFEY SPECIALIST		

APM CREW

KIRK MAY	SUPERINTENDENT		
RICKY EWING	SME		
PAUL DENARDO	MILLWRIGHT		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
CHRISTOPHER BAPTISTA	MILLWRIGHT		
KALEOOAKAI ARNOLNLD	MILLWRIGHT		
MATT MORTIN	MILLWRIGHT		
JESSE KIRMMELBEIN	MILLWRIGHT		
RICKY MILLER	MILLWRIGHT		
RYAN GARRISON	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
YADIEL SANTANA	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Wednesday, September 22, 2021 6:27 AM
To: Hall, Brian L.; McclLain, Lee
Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Feldman, Frank; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy, Ronald R.
Subject: RE: Daily update during outages - 09/22
Attachments: Roster_TECO Polk_Unit 1 CI 2021_9-22_Nights.pdf; Roster_TECO Polk_Unit 1 CI 2021_9-22_Days.pdf

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Ron / Brian,

Current Status Update as of 09/22 @ 0700. Sorry for being late – forgot to hit send.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement
Install New T2 Bearing Lift Oil Hoses & Pressure Test
Install T2 Bearing Oil Seals
Install New Exhaust Frame Flex Seals
Rig & Flip Upper Exhaust Casing
Prep Upper Exhaust Casing Joints

Ongoing Items T2 Bearing Lift Oil Hose Replacement
Take Closing T2 Bearing Seal Clearances
Install U/H T2 Bearing
Install T2 Bearing Instrumentation
Install T2 Bearing Strong Back & Bearing Cap
Prep Lower Exhaust Casing Joints
Set Upper Exhaust Casing

Completed Items Generator Reassembly
Install T4 Bearing L/H (Temporary)
Torque High Voltage Bushing Flex Leads – Second Pass
Install TE & CE End Oil Drain Piping
Configure Temporary Lift Oil System To Connect Directly To T3 & T4 Bearings
Clean / Close Out Inspection GTE

Ongoing Items Generator Reassembly
Connect Temporary Lift Oil System To
Roll In Lower TE / CE Inner Gas Shield
Install Upper TE / CE Inner Gas Shield
Install TE / CE Fan Blades
Close GTE Access Doors

Issues
Weather Stand Down 7 Hours On 9/21 (1400 – 1900) - 19 Hour Delay Due To Weather To Date
T2 Bearing Lift Oil Supply Piping Does Not Appear To BE Secured Inside Of The Drain Piping – Piping Had To Be Pulled Upstream To Allow The Lift Oil Hose To Be Attached – Extremely Hard To Connect Lift oil Hose ~ 4 Hour Delay.
Discovered Lower CE End Shield Vertical Joint Dowel Improperly Installed – Removed Dowel And Noted Slight Mis-Alignment – Reworked Lower End Shield To Correct ~ 4 Hour Delay
Noted TE Oil Drain Piping Bolting Does Not Appear To Be Correct Length – Will Investigate And Correct As Needed

Parts / Tools / Consumables

Open items

Additional / General Notes
GTE Is Ready For Final Close Out Inspection By TECO – Need To Complete To Allow For The GTE Heaters To Be Operationally Tested – Will Require Lifting PPS 45 (GTE Entry) After Close Out Inspection Completed

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

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tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:WEDNESDAY, SEPTEMBER 22, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
MICHAEL THIBODEAU	DAY SHIFT FES (OJT)		
XAVIER WILSON	SAFEY SPECIALIST		
PAUL BLACK	EXHAUST VIBRATION		
TRAVIS WARREN	EXHAUST VIBRATION		
JEFF SHULL	POJECT CONTROLS SPECIALIST		

APM CREW

SCOTT ILLGEN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
RANDY JOHNSON	MILLWRIGHT		
MARK CARO	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
HAROLD PETERS	MILLWRIGHT		
WALTER EDQUIST	MILLWRIGHT		
ANDREW MAYNARD	MILLWRIGHT		
ROB GETTEL	MILLWRIGHT		
RANDY STONE	MILLWRIGHT		
RESTON STONE	MILLWRIGHT		
TONY SIMMONS	MILLWRIGHT		
JOESPH JOHNS	MILLWRIGHT		
JACOB KOACH	MILLWRIGHT APP		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		

BRACE

BILLY WARNER	SCAFFOLD SUPPORT		

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:WEDNESDAY, SEPTEMBER 22, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE		
NICK SANTAMARIA	SAFEY SPECIALIST		

APM CREW

KIRK MAY	SUPERINTENDENT		
RICKY EWING	SME		
PAUL DENARDO	MILLWRIGHT		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
CHRISTOPHER BAPTISTA	MILLWRIGHT		
KALEOOAKAI ARNOLNLD	MILLWRIGHT		
MATT MORTIN	MILLWRIGHT		
JESSE KIRMMELBEIN	MILLWRIGHT		
RICKY MILLER	MILLWRIGHT		
RYAN GARRISON	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
YADIEL SANTANA	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Thursday, September 23, 2021 6:42 AM
To: Hall, Brian L.; McclLain, Lee
Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Feldman, Frank; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy, Ronald R.
Subject: RE: Daily update during outages - 09/23
Attachments: Roster_TECO Polk_Unit 1 CI 2021_9-23_Nights.pdf; Roster_TECO Polk_Unit 1 CI 2021_9-23_Days.pdf

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Ron / Brian,

Current Status Update as of 09/23 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement
Take Closing T2 Bearing Seal Clearances
Install U/H T2 Bearing
Install T2 Bearing Instrumentation
Install T2 Bearing Strong Back & Bearing Cap
Restore T2 Bearing Drain Enlargement
Prep Lower Exhaust Casing Joints
Set Upper Exhaust Casing

Ongoing Items T2 Bearing Lift Oil Hose Replacement
Load Exhaust Casing Bolting
Tension Exhaust Casing Bolting
Install Insulation Aft Exhaust Casing / Aft Turbine Compartment Wall
Clean & Inspect Exhaust Frame Blower Manifold / Roof Piping

Completed Items Generator Reassembly
Final Torque Generator High Voltage Bushing Flex Links
Final GTE Close Out Inspection
Release PPS 45 (GTE Entry) – Energize Heaters – Record Amp Draws
Connect Temporary Lift Oil System To T3 & T4 Bearing
Roll In Lower TE / CE Inner Gas Shield

Install Upper TE / CE Inner Gas Shield
Mount TE / CE Fan Blades

Ongoing Items Generator Reassembly
Finalize TE / CE Fan Blades
Final Clean / Close Out Inspection Lower Stator Frame (CE / TE)
Install CE U/H End Shield
Install TE U/H End Shield
Close GTE Access Doors

Issues
Weather Stand Down 4 Hours On 9/21 (1700 – 2100) - 23 Hour Delay Due To Weather To Date
Noted TE Oil Drain Piping Bolting Does Not Appear To Be Correct Length – Will Investigate And Correct As Needed

Parts / Tools / Consumables

Open items

Additional / General Notes
Exhaust Vibration Instrumentation / Data Collection Computers Setup – Ready For Data Capture

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

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tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:THURSDAY, SEPTEMBER 23, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
MICHAEL THIBODEAU	DAY SHIFT FES (OJT)		
XAVIER WILSON	SAFEY SPECIALIST		
PAUL BLACK	EXHAUST VIBRATION		
TRAVIS WARREN	EXHAUST VIBRATION		
JEFF SHULL	POJECT CONTROLS SPECIALIST		

APM CREW

SCOTT ILLGEN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
RANDY JOHNSON	MILLWRIGHT		
MARK CARO	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
HAROLD PETERS	MILLWRIGHT		
WALTER EDQUIST	MILLWRIGHT		
ANDREW MAYNARD	MILLWRIGHT		
ROB GETTEL	MILLWRIGHT		
RANDY STONE	MILLWRIGHT		
RESTON STONE	MILLWRIGHT		
TONY SIMMONS	MILLWRIGHT		
JOESPH JOHNS	MILLWRIGHT		
JACOB KOACH	MILLWRIGHT APP		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		

BRACE

BILLY WARNER	SCAFFOLD SUPPORT		

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:THURSDAY, SEPTEMBER 23, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE		
NICK SANTAMARIA	SAFEY SPECIALIST		

APM CREW

KIRK MAY	SUPERINTENDENT		
RICKY EWING	SME		
PAUL DENARDO	MILLWRIGHT		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
CHRISTOPHER BAPTISTA	MILLWRIGHT		
KALEOOAKAI ARNOLNLD	MILLWRIGHT		
MATT MORTIN	MILLWRIGHT		
JESSE KIRMMELBEIN	MILLWRIGHT		
RICKY MILLER	MILLWRIGHT		
RYAN GARRISON	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
YADIEL SANTANA	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Friday, September 24, 2021 9:04 AM
To: Hall, Brian L.; MccLain, Lee
Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Feldman, Frank; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy, Ronald R.
Subject: RE: Daily update during outages - 09/24
Attachments: Roster_TECO Polk_Unit 1 CI 2021_9-24_Nights.pdf; Roster_TECO Polk_Unit 1 CI 2021_9-24_Days.pdf

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Ron / Brian,

Current Status Update as of 09/24 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator – Released 88QA-1 & 88QB-1 From PPS 6 To Allow T2 Bearing Leak Check / Rotor Turning
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement
Load Exhaust Casing U/H Bolting
Tension Exhaust Casing Bolting Outer / Inner Horizontal Joint Bolting – Fwd / Aft Outer Vertical Joint Bolting
Remove Insulation Blanket Lower Aft Exhaust Casing Vertical Joint
Remove Lower Exhaust Frame Blower Manifold Sections & Flex Hoses
Remove Lower Exhaust Frame Aft Vertical Scallop Rings
Measure Lower Exhaust Frame Aft Vertical Joint Gaps

Ongoing Items T2 Bearing Lift Oil Hose Replacement
Install Exhaust Casing Inner Vertical Joint Bolting
Inspect Aft Exhaust Casing Lower Vertical Joint Bolting – 8 Loose – Removing Lock Tabs To Determine If Broken Or Loose
Clean & Inspect Exhaust Frame Blower Manifold / Roof Piping
Leak Check T2 Bearing Cap
Turbine Rotor Rotation Check

Completed Items Generator Reassembly
Finalize TE / CE Fan Blades
Final Clean / Close Out Inspection Lower Stator Frame (CE / TE)
Install CE U/H End Shield
Install TE U/H End Shield

Install CE U/H End Shield Access Covers
Install TE U/H End Shield Access Covers
Complete CE End Shield Piping
Take Initial Generator Alignment Readings (Static Reading)

Ongoing Items Generator Reassembly
Install CE Inner Oil Deflector
Install CE H2 Seal Casings & Seals
Install TE Inner Oil Deflector
Install TE H2 Seal Casings & Seals
Pump Flourisilicone H2 Coolers
Prep T3 / T4 Bearing Caps
Close GTE Access Doors

Issues
Weather Stand Down 3 Hours On 9/23 (1700 – 2100) - 26 Hour Delay Due To Weather To Date

Parts / Tools / Consumables

Open items

Additional / General Notes
Exhaust Vibration Instrumentation / Data Collection Computers Setup – Ready For Data Capture

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

M +1 407-492-0798 | pFax +1 407-641-9859
tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:FRIDAY, SEPTEMBER 24, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
MICHAEL THIBODEAU	DAY SHIFT FES (OJT)		
XAVIER WILSON	SAFEY SPECIALIST		
JEFF SHULL	POJECT CONTROLS SPECIALIST		

APM CREW

SCOTT ILLGEN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
RANDY JOHNSON	MILLWRIGHT		
MARK CARO	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
HAROLD PETERS	MILLWRIGHT		
WALTER EDQUIST	MILLWRIGHT		
ANDREW MAYNARD	MILLWRIGHT		
ROB GETTEL	MILLWRIGHT		
RANDY STONE	MILLWRIGHT		
RESTON STONE	MILLWRIGHT		
TONY SIMMONS	MILLWRIGHT		
JOESPH JOHNS	MILLWRIGHT		
JACOB KOACH	MILLWRIGHT APP		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		

BRACE

BILLY WARNER	SCAFFOLD SUPPORT		

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:FRIDAY, SEPTEMBER 24, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE		
NICK SANTAMARIA	SAFEY SPECIALIST		

APM CREW

KIRK MAY	SUPERINTENDENT		
RICKY EWING	SME		
PAUL DENARDO	MILLWRIGHT		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
CHRISTOPHER BAPTISTA	MILLWRIGHT		
KALEOOAKAI ARNOLNLD	MILLWRIGHT		
MATT MORTIN	MILLWRIGHT		
JESSE KIRMMELBEIN	MILLWRIGHT		
RICKY MILLER	MILLWRIGHT		
RYAN GARRISON	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
YADIEL SANTANA	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Saturday, September 25, 2021 7:46 AM
To: Hall, Brian L.; McclLain, Lee
Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Feldman, Frank; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy, Ronald R.
Subject: RE: Daily update during outages - 09/25
Attachments: Roster_TECO Polk_Unit 1 CI 2021_9-25_Nights.pdf; Roster_TECO Polk_Unit 1 CI 2021_9-25_Days.pdf

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Ron / Brian,

Current Status Update as of 09/25 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator – Will Require LOTO Release Today To Establish Seal Oil For Generator Air Test (PPS 6)
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement
Install Exhaust Casing Inner Vertical Joint Bolting & Scallop Rings
Clean Out T2 Bearing Tunnel – Ready For Close Out Inspection
Inspect / Investigate Aft Exhaust Casing Lower Vertical Joint Bolting
Install New Aft Exhaust Casing Lower Vertical Joint Bolts & Lock Tabs
Survey Aft Exhaust Casing Lower Vertical Joint Gap
Leak Check T2 Bearing Cap
Turbine Rotor Rotation Check

Ongoing Items T2 Bearing Lift Oil Hose Replacement
Install Aft Exhaust Casing Lower Vertical Joint Scallop Rings
Install Aft Exhaust Casing Upper Vertical Joint Scallop Rings
Install Aft Exhaust Casing Upper & Lower Insulation Pads
Clean & Inspect Exhaust Frame Blower Manifold / Roof Piping
Install Exhaust Frame Blower Manifold & Flex Hoses
Clean & Prep Aft Turbine Roof Panel / Compartment Walls For Installation
Install Aft Turbine Compartment Roof Panel
Install Exhaust Frame / Bearing Tunnel Blower Assembly
Install Turbine Compartment Fan Assembly
Finalize T2 Bearing Instrumentation
Install T2 Bearing Tunnel Aft Cover

Completed Items Generator Reassembly
Perform Load Coupling Run Out Checks
Position Turbine Rotor To Normalize Load Coupling
Finalize CE End Shield Oil Piping – Install Blinds On Turning Gear Supply / Return Piping
Install CE Inner Oil Deflector
Roll Out Lower T4 Bearing
Install CE H2 Seal Casing
Final Clean & Inspect T4 Bearing Housing – Bearing (Meggar Check)
Roll In Lower T4 Bearing
Remove T4 Shaft Jack
Install CE H2 Seals & Upper Z-Cap
Install TE Inner Oil Deflector
Install T3 Shaft Jack
Roll Out Lower T3 Bearing
Install TE H2 Seal Casing
Final Clean & Inspect T3 Bearing Housing – Bearing
Roll In Lower T3 Bearing
Remove T3 Shaft Jack
Pump Flourisilicone H2 Cooler
Prep T3 / T4 Bearing Caps

Ongoing Items Generator Reassembly
Pump Flourisilicone CE End Shield
Pump Flourisilicone CE End Shield
Install TE H2 Seals & Upper Z-Cap
Install U/H T3 Bearing
Install T3 Bearing Cap
Take Close T3 Bore Readings
Install New T3 Lift Oil Hoses & Proportioning Valves
Install T3 Outer Oil Deflector
Install TE End Shield Oil Piping
Install CE H2 Seal Casing / T4 Bearing Meggar Leads
Install U/H T4 Bearing
Install T4 Bearing Cap
Take Close T4 Bore Readings
Install New T4 Lift Oil Hoses & Proportioning Valves
Install T4 Outer Oil Deflector
Close GTE Access Doors
Recheck Load Coupling Run Out
Take Initial Generator Alignment Readings And Calculate Alignment Moves
Air Test – Should Be In Progress Before End Of Day Shift Today

Issues
Weather Stand Down - 26 Hour Delay Due To Weather To Date

Parts / Tools / Consumables

Open items

Additional / General Notes

Will Need Operations Support To Start Air Test – Release Seal Oil Pump / Seal Oil Regulator (PPS 6) – Valve Line Up – Startup Seal Oil System – Press Generator
Need Close Out Inspection T2 Bearing Tunnel – Do Not Know If There Is A Plan For Fore Protection Testing

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

M +1 407-492-0798 | pFax +1 407-641-9859
tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:SATURDAY, SEPTEMBER 25, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
MICHAEL THIBODEAU	DAY SHIFT FES (OJT)		
XAVIER WILSON	SAFEY SPECIALIST		
JEFF SHULL	POJECT CONTROLS SPECIALIST		

APM CREW

SCOTT ILLGEN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
RANDY JOHNSON	MILLWRIGHT		
MARK CARO	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
HAROLD PETERS	MILLWRIGHT		
WALTER EDQUIST	MILLWRIGHT		
ANDREW MAYNARD	MILLWRIGHT		
ROB GETTEL	MILLWRIGHT		
RANDY STONE	MILLWRIGHT		
RESTON STONE	MILLWRIGHT		
TONY SIMMONS	MILLWRIGHT		
JOESPH JOHNS	MILLWRIGHT		
JACOB KOACH	MILLWRIGHT APP		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		

BRACE

BILLY WARNER	SCAFFOLD SUPPORT		

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:SATURDAY, SEPTEMBER 25, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
ROD BAKER	FE		
NICK SANTAMARIA	SAFEY SPECIALIST		

APM CREW

KIRK MAY	SUPERINTENDENT		
RICKY EWING	SME		
PAUL DENARDO	MILLWRIGHT		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
CHRISTOPHER BAPTISTA	MILLWRIGHT		
KALEOOAKAI ARNOLNLD	MILLWRIGHT		
MATT MORTIN	MILLWRIGHT		
JESSE KIRMMELBEIN	MILLWRIGHT		
RICKY MILLER	MILLWRIGHT		
RYAN GARRISON	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
YADIEL SANTANA	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Sunday, September 26, 2021 8:04 AM
To: Hall, Brian L.; MccLain, Lee
Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Feldman, Frank; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy, Ronald R.
Subject: RE: Daily update during outages - 09/26
Attachments: Roster_TECO Polk_Unit 1 CI 2021_9-26_Nights.pdf; Roster_TECO Polk_Unit 1 CI 2021_9-26_Days.pdf

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Ron / Brian,

Current Status Update as of 09/26 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement
Install Aft Exhaust Casing Lower Vertical Joint Scallop Rings
Install Aft Exhaust Casing Upper Vertical Joint Scallop Rings
Install Aft Exhaust Casing Upper & Lower Insulation Pads
Clean & Inspect Exhaust Frame Blower Manifold / Roof Piping
Install Exhaust Frame Blower Manifold & Flex Hoses
Clean & Prep Aft Turbine Roof Panel / Compartment Walls For Installation
Install Aft Turbine Compartment Roof Panel
Finalize T2 Bearing Instrumentation
Perform Final Clean / Close Out Inspection T2 Bearing Tunnel

Ongoing Items T2 Bearing Lift Oil Hose Replacement
Install Exhaust Frame / Bearing Tunnel Blower Assembly
Install Turbine Compartment Fan Assembly
Terminate Exhaust Frame / Bearing Tunnel Blower Assembly
Terminate Turbine Compartment Fan Assembly
Terminate Roof Devices
Install Exhaust Frame / Bearing Tunnel Blower Roof Piping
Install T2 Bearing Tunnel Aft Cover

Completed Items Generator Reassembly

Pump Flourisilicone TE End Shield
Install TE H2 Seals & Upper Z-Cap
Install U/H T3 Bearing
Install T3 Bearing Cap
Take Close T3 Bore Readings
Install New T3 Lift Oil Hoses
Install TE End Shield Oil Piping
Install CE H2 Seal Casing / T4 Bearing Meggar Leads
Install U/H T4 Bearing
Install T4 Bearing Cap
Take Close T4 Bore Readings
Install New T4 Lift Oil Hoses & Proportioning Valves
Install T4 Outer Oil Deflector
Install T4 Bearing Instrumentation
Close GTE Access Doors
Recheck Load Coupling Run Out
Take Initial Generator Alignment Readings And Calculate Alignment Moves
Make Right Side Generator Shim Move
Remove Generator Centerline Keys
Release Seal Oil Pump / Seal oil Regulator From PPS 6 – Configure Generator For Air Test – Start Up Seal Oil System – Press Generator For Air Test
Set Upper Load Compartment Section In Place
Set Exciter Base And Brush Rigging In Place
Set Turning Gear In Place

Ongoing Items Generator Reassembly
Air Test – Data Collection In Progress – Will Have 12 Hour Assessment @ 0900 And Review With Team
Complete Generator Alignment Shim Move (Left Side) – Make Side Move
Take Post First Move Generator Alignment Readings - Calculate Alignment Move If Required
Marry Load Coupling
Install Load Coupling Bolting And Tension
Install Load Coupling Guard
Complete Turning Gear Installation
Align Turning Gear
Assemble Exciter Brush Rigging / Housing
Terminate Collector Cab Roof Panel
Terminate Load Compartment
Restore T1 Bearing Instrumentation
Install T3 Bearing Instrumentation
Install T3 Outer Oil Deflector
Install T3 / T4 Lift Oil Piping
Restore Lube Oil / Lift Oil To Generator

Issues
Weather Stand Down - 26 Hour Delay Due To Weather To Date

Parts / Tools / Consumables

Open items

Additional / General Notes

Will Need Operations Support – Restore LOTO 88QA-1 / 88QB-1 – Release Generator Bearing Lube Oil / Lift Oil Supply (PPS 6)
Will Need Operations Support After Air Test Is Completed

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

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tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:SUNDAY, SEPTEMBER 26, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
RONALD WIENEKE	CONTROLS SPECIALIST GT		
MICHAEL THIBODEAU	DAY SHIFT FES (OJT)		
XAVIER WILSON	SAFEY SPECIALIST		
JEFF SHULL	POJECT CONTROLS SPECIALIST		

APM CREW

SCOTT ILLGEN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
RANDY JOHNSON	MILLWRIGHT		
MARK CARO	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
HAROLD PETERS	MILLWRIGHT		
WALTER EDQUIST	MILLWRIGHT		
ANDREW MAYNARD	MILLWRIGHT		
ROB GETTEL	MILLWRIGHT		
RANDY STONE	MILLWRIGHT		
RESTON STONE	MILLWRIGHT		
TONY SIMMONS	MILLWRIGHT		
JOESPH JOHNS	MILLWRIGHT		
JACOB KOACH	MILLWRIGHT APP		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		

BRACE

BILLY WARNER	SCAFFOLD SUPPORT		

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:SUNDAY, SEPTEMBER 26, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
JOSHUA WAINWRIGHT	FE		
NICK SANTAMARIA	SAFEY SPECIALIST		

APM CREW

KIRK MAY	SUPERINTENDENT		
RICKY EWING	SME		
PAUL DENARDO	MILLWRIGHT		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
CHRISTOPHER BAPTISTA	MILLWRIGHT		
KALEOOAKAI ARNOLNLD	MILLWRIGHT		
MATT MORTIN	MILLWRIGHT		
JESSE KIRMMELBEIN	MILLWRIGHT		
RICKY MILLER	MILLWRIGHT		
RYAN GARRISON	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
YADIEL SANTANA	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Monday, September 27, 2021 7:59 AM
To: Hall, Brian L.; McclLain, Lee
Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Feldman, Frank; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy, Ronald R.
Subject: RE: Daily update during outages - 09/27
Attachments: Roster_TECO Polk_Unit 1 CI 2021_9-27_Nights.pdf; Roster_TECO Polk_Unit 1 CI 2021_9-27_Days.pdf

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Ron / Brian,

Current Status Update as of 09/27 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement
Install Exhaust Frame / Bearing Tunnel Blower Assembly
Install Turbine Compartment Fan Assembly
Terminate Exhaust Frame / Bearing Tunnel Blower Assembly
Terminate Turbine Compartment Fan Assembly
Terminate Roof Devices (Pressure Switches / Transmitters / Hazardous Gas Detectors / Electric Valves)
Install Exhaust Frame / Bearing Tunnel Blower Roof Piping
Restore Roof Handrail – Caulk Roof Joints / Petrations / Lifting Eyes
Install T2 Bearing Tunnel Aft Cover
Remove T2 Bearing Tunnel Access Scaffold
Clean & Inspect Exhaust
Repair Damaged Exhaust Casing Flex Hose Flange Bolt Holes
Perform QC On Exhaust Casing / Piping

Ongoing Items T2 Bearing Lift Oil Hose Replacement
Clean out Turbine Compartment – Tools / Cords / Hoses / Lights / Etc…
Pre-Startup Checks

Completed Items Generator Reassembly
Air Test – Results Indicate Extremely Tight
Complete Generator Alignment Shim Move (Left Side) – Make Side Move

Install Exciter Base And Brush Rigging
Align Brush Rigging
Install Exciter Fan Blades / Fan Shrouds / Guards
Install Exciter Housing / Duct
Rough Align Turning Gear
Install T3 Outer Oil Deflector
Restore Lube Oil / Lift Oil To T3 & T4 Bearing
Install Load Compartment Fan / Duct
Install Load Compartment Door (Right Side)
Install Load Compartment / Stator Frame & Load Compartment / Inlet Plenum Expansion Joints
Terminate Load Compartment Roof Fan / Devices
Install T3 Bearing Instrumentation
Install H2 Cooler Cooling Water Supply / Return Piping

Ongoing Items Generator Reassembly
Set Collector Cab Roof Panel – Final Time
Install Hydrogen Vent Piping
Take Final Generator Alignment Readings
Marry Load Coupling
Install Load Coupling Bolting And Tension
Set Generator Hold Down Nuts & Weld Lock Tabs
Install Load Coupling Guard
Align Turning Gear
Couple Turning Gear
Install Turning Gear Oil Piping
Terminate Turning Gear
Dowel Turning Gear
Terminate Collector Cab Roof Panel
Install Load Coupling Guard
Restore T1 Bearing Instrumentation
Install H2 Cooler Drain Piping

Issues
Weather Stand Down - 26 Hour Delay Due To Weather To Date

Parts / Tools / Consumables
H2 Cooler Drain Piping – Need To Rework How The Drain Piping In Installed – Add Unions To Cooler End To Eliminate Piping Stress On Fitting That Connects To H2 Coolers

Open items
Exhaust Duct Ready For Close Out Inspection / Install Access Panel

Additional / General Notes
Will Need Operations Support On Following Activities:
Operate Lube Oil / Lift Oil Pump For Generator Alignment
Restore Lube Oil LOTO After Alignment Completed
Release Turbine LOTO (PPS 3 & 90) To Allow For Pre-Startup Checks (Fan Rotations / Pressure Switches)
Release LOTO As Needed To Press Generator With CO2 / H2

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

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tony.bombe1@ge.com

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:MONDAY, SEPTEMBER 27, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
JOSHUA WAINWRIGHT	FE		
NICK SANTAMARIA	SAFEY SPECIALIST		

APM CREW

KIRK MAY	SUPERINTENDENT		
RICKY EWING	SME		
PAUL DENARDO	MILLWRIGHT		
RANDY BUCHANAN	MILLWRIGHT		
SCOTT MAY	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
YADIEL SANTANA	MILLWRIGHT APP		

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:MONDAY, SEPTEMBER 27, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
JOSHUA WAINWRIGHT	FE		
NICK SANTAMARIA	SAFEY SPECIALIST		

APM CREW

KIRK MAY	SUPERINTENDENT		
RICKY EWING	SME		
PAUL DENARDO	MILLWRIGHT		
RANDY BUCHANAN	MILLWRIGHT		
TRAVIS MCIVER	MILLWRIGHT		
KALEOOAKAI ARNOLNLD	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		
YADIEL SANTANA	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Tuesday, September 28, 2021 8:18 AM
To: Hall, Brian L.; McclLain, Lee
Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Feldman, Frank; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy, Ronald R.
Subject: RE: Daily update during outages - 09/28
Attachments: Roster_TECO Polk_Unit 1 CI 2021_9-28_Nights.pdf; Roster_TECO Polk_Unit 1 CI 2021_9-28_Days.pdf

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Ron / Brian,

Current Status Update as of 09/28 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator
Confined Space / Hot Work Permits
Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement
Clean out Turbine Compartment – Tools / Cords / Hoses / Lights / Etc…
Pre-Startup Checks

Ongoing Items T2 Bearing Lift Oil Hose Replacement
Unit Reassembly Completed

Completed Items Generator Reassembly
Set Collector Cab Roof Panel – Final Time
Install Hydrogen Vent Piping
Take Final Generator Alignment Readings
Marry Load Coupling
Install Load Coupling Bolting And Tension
Set Generator Hold Down Nuts & Weld Lock Tabs
Install Load Coupling Guard
Terminate Turning Gear
Terminate Collector Cab Roof Panel
Install Load Coupling Guard
Modify And Install H2 Cooler Drain Piping
Replace T3 & T4 Bearing Lift Oil Control Valves And Flex Hoses
Released LOTO H2 Cooler Cooling Water (PPS 62)

Released LOTO Generator Internal Inspection (PPS 6 – Partial) To Allow Generator To Be Pressed To Hydrogen
Clean Out Collector Cab

Ongoing Items Generator Reassembly
Install Generator Centerline Keys
Align Turning Gear
Couple Turning Gear
Install Turning Gear Oil Piping
Dowel Turning Gear
Install Collector Cab End Wall
Restore T1 Bearing Instrumentation
Clean Up Activities

Issues
Weather Stand Down - 26 Hour Delay Due To Weather To Date
Turning Gear Axial Mounting Distance – Unable To Set Correctly Due To Bolt Bound – Had New Higher Grade Anchor Bolts Machined To Provide Clearance Needed – Bolts Arrived On Site 0700 This Moring And Have Been Installed – Turning Gear Axial Mounting Distance Corrected – Alignment In Progress

Parts / Tools / Consumables

Open items
Exhaust Duct Ready For Close Out Inspection / Install Access Panel

Additional / General Notes
Will Need Operations Support On Following Activities:
Operate Lube Oil / Lift Oil Pump For Generator Alignment
Restore Lube Oil LOTO After Alignment Completed
Release Turbine LOTO (PPS 3 & 90) To Allow For Pre-Startup Checks (Fan Rotations / Pressure Switches)
Release LOTO As Needed To Press Generator With CO2 / H2

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

M +1 407-492-0798 | pFax +1 407-641-9859
tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:TUESDAY, SEPTEMBER 28, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
RONALD WIENEKE	CONTROLS SPECIALIST GT		
MICHAEL THIBODEAU	DAY SHIFT FES (OJT)		
PAUL BLACK	EXHAUST VIBRATION		
TRAVIS WARREN	EXHAUST VIBRATION		

APM CREW

SCOTT ILLGEN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
RANDY JOHNSON	MILLWRIGHT		
MARK CARO	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
HAROLD PETERS	MILLWRIGHT		
WALTER EDQUIST	MILLWRIGHT		
ANDREW MAYNARD	MILLWRIGHT		
ROB GETTEL	MILLWRIGHT		
JOESPH JOHNS	MILLWRIGHT		
JACOB KOACH	MILLWRIGHT APP		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		

BRACE

BILLY WARNER	SCAFFOLD SUPPORT		

TECO POLK SPRING 2021

NIGHT SHIFT

DATE:TUESDAY, SEPTEMBER 28, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
JOSHUA WAINWRIGHT	FE		

APM CREW

KIRK MAY	SUPERINTENDENT		
RICKY EWING	SME		
PAUL DENARDO	MILLWRIGHT		
PORTER MADARA	MILLWRIGHT APP		

Brown, Paula K.

From: Bombe, Tony (FieldCore) <Tony.Bombe1@ge.com>
Sent: Wednesday, September 29, 2021 6:17 AM
To: Hall, Brian L.; McclLain, Lee
Cc: Mills, Tiller A.; Richardson, Eric B.; Torbert, Justin D.; Peterson, Robert R.; Feldman, Frank; Lozano, Jhonnathan; Dilport, Nate; Crotts, Mary; Rivera, Raul; Parker, Gary D.; brian1.thompson; Kennedy, Ronald R.
Subject: RE: Daily update during outages - 09/29
Attachments: Roster_TECO Polk_Unit 1 CI 2021_9-29_Days.pdf

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Ron / Brian,

Current Status Update as of 09/29 @ 0700.

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator – ALL LOTO RELEASED
Unit Start Up
Hot Work Permits
Insects (Bees / Wasps / Spiders / Mosquito's) - Reptiles

Completed Items T2 Bearing Lift Oil Hose Replacement

Ongoing Items T2 Bearing Lift Oil Hose Replacement

Completed Items Generator Reassembly
Align Turning Gear
Install Turning Gear Lube Oil Supply / Return Piping
Perform Final Oil Piping Leak Check
Install Turning Gear Coupling Adapter Flange To Field
Assemble Turning Gear Coupling
Assemble Exciter Duct End Panel
Startup H2 Cooler Cooling Water System
Address H2 Cooler Cooling Water Piping Leaks – Not From Flanges We Worked On
Remove Generator Platform Scaffolding
Install Generator Platform Handrail
Install Collector Cab End Wall Panel
Finalize TE & CE Centerline Keys
Clean TE End Shield / Load Compartment
Set T3 Radial Vibration Probes – Functional Check Seismic Probes And Install
Restore T1 Bearing Instrumentation

Install Generator Shaft Grounding Brushes
Verify Load Compartment Vent Fan Rotation
Set T3 & T4 Lift Oil Flow Control Valves – Perform Lift Checks All Bearings
Check Turning Gear Break Away Torque
Check Turning Gear Rotation
Drill / Ream / Dowel Turning Gear
Release All LOTO
Release Unit To Operations @ 2100

Ongoing Items Generator Reassembly
Support Unit Startup
Weld Handrail Section East End GT Generator Platform
Restore Handrail Section North East Corner ST Generator Deck
Demobilize Activities

Issues
Weather Stand Down - 26 Hour Delay Due To Weather To Date

Parts / Tools / Consumables

Open items
Exciter Brushes Still Need To Be Installed

Additional / General Notes

Tony Bombe
Senior Field Engineer – Gas Turbine
FieldCore

M +1 407-492-0798 | pFax +1 407-641-9859
tony.bombe1@ge.com

TECO POLK SPRING 2021

DAY SHIFT

DATE:WEDNESDAY, SEPTEMBER 29, 2021

GENERAL ELECTRIC / FIELD CORE

NAME	RESPONSIBILITY	TIME IN	TIME OUT
TONY BOMBE	PROJECT MANAGER		
RONALD WIENEKE	CONTROLS SPECIALIST GT		
MICHAEL THIBODEAU	DAY SHIFT FES (OJT)		
PAUL BLACK	EXHAUST VIBRATION		
TRAVIS WARREN	EXHAUST VIBRATION		

APM CREW

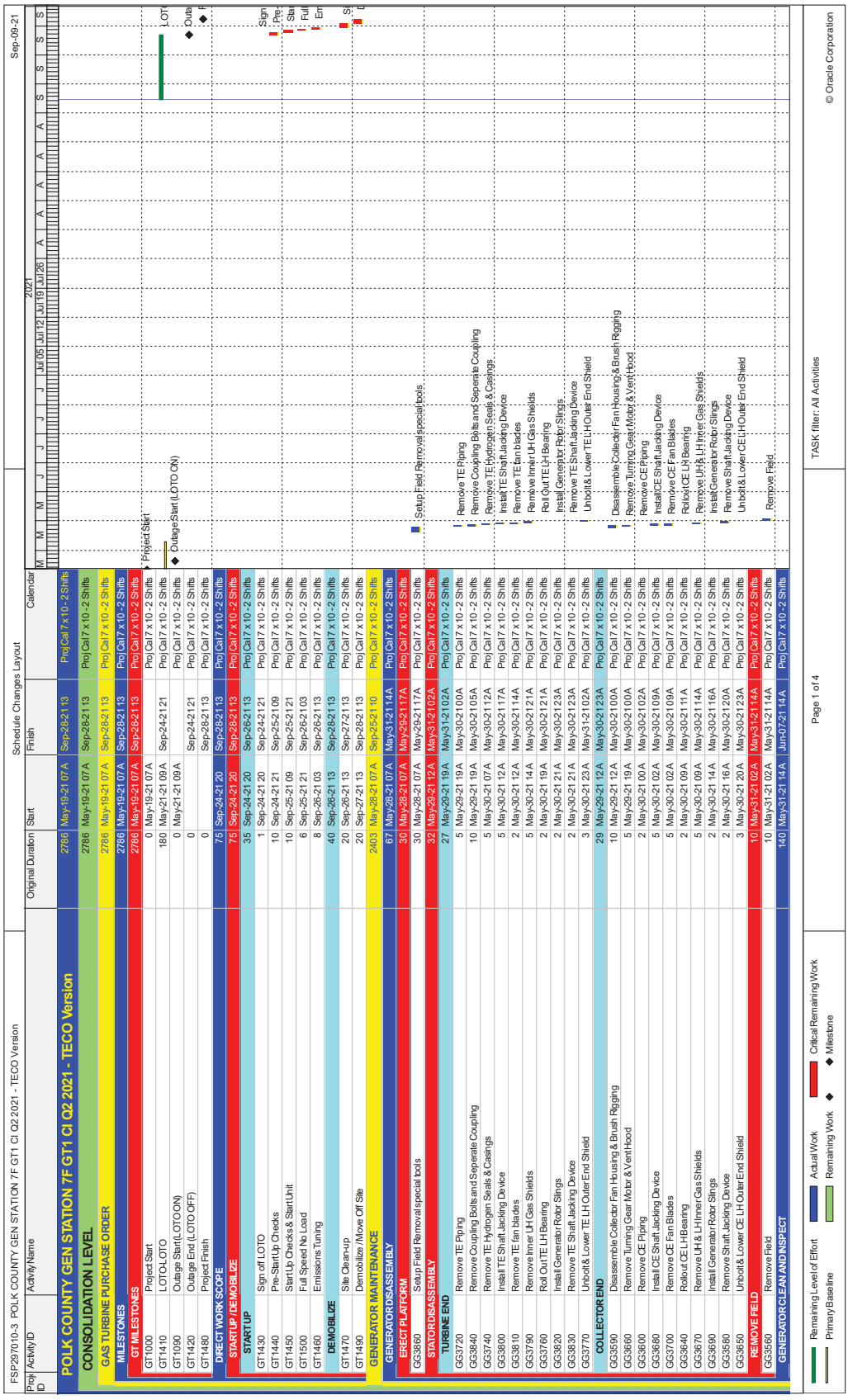
SCOTT ILLGEN	SUPERINTENDENT		
JOHN SUPLEY	MILLWRIGHT FOREMAN		
RANDY JOHNSON	MILLWRIGHT		
MARK CARO	MILLWRIGHT		
FRANK KURJACK	MILLWRIGHT		
TIM BALL	MILLWRIGHT		
JUSTIN LANGSDON	MILLWRIGHT		
ANDREW MAYNARD	MILLWRIGHT		
JOESPH JOHNS	MILLWRIGHT		
JACOB KOACH	MILLWRIGHT APP		

EDE

DAVID PETTUS	ELECTRICAL SUPPORT		
MATT DUMARS	ELECTRICAL SUPPORT		

BRACE

BILLY WARNER	SCAFFOLD SUPPORT		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Schedule Changes Layout
Sep-09-21
Project ID
Activity ID
Activity Name
Original Duration
Start
Finish
Calendar
2021
POLK COUNTY GEN STATION 7F GT1 CI Q2 2021 - TECO Version
CONSOLIDATION LEVEL
GAS TURBINE PURCHASE ORDER
MILESTONES
GT MILESTONES
DIRECT WORK SCOPE
START UP / DEMOBILIZE
START UP
DEMOBILIZE
GENERATOR MAINTENANCE
GENERATOR DISASSEMBLY
ERECT PLATFORM
STATOR DISASSEMBLY
TURBINE END
COLLECTOR END
REMOVE FIELD
GENERATOR CLEAN AND INSPECT
Project Start
Outage Start (LOTO ON)
Setup Field Removal special tools
Remove TE Piping
Remove Coupling Bolts and Seperate Coupling
Remove TE Hydrogen Seals & Casings
Install TE Shaft Jacking Device
Remove TE fan blades
Remove Inner LH Gas Shields
Roll Out TE LH Bearing
Install Generator Rotor Slings
Remove TE Shaft Jacking Device
Unbolt & Lower TE LH Outer End Shield
Disassemble Collector Fan Housing & Brush Rigging
Remove Turning Gear Motor & Vent Hood
Remove CE Piping
Install CE Shaft Jacking Device
Remove CE Fan Blades
Rollout CE LH Bearing
Remove UH & LH Inner Gas Shields
Install Generator Rotor Slings
Remove Shaft Jacking Device
Unbolt & Lower CE LH Outer End Shield
Remove Field
Page 1 of 4
TASK filter: All Activities
Remaining Level of Effort
Primary Baseline
Actual Work
Remaining Work
Critical Remaining Work
Milestone
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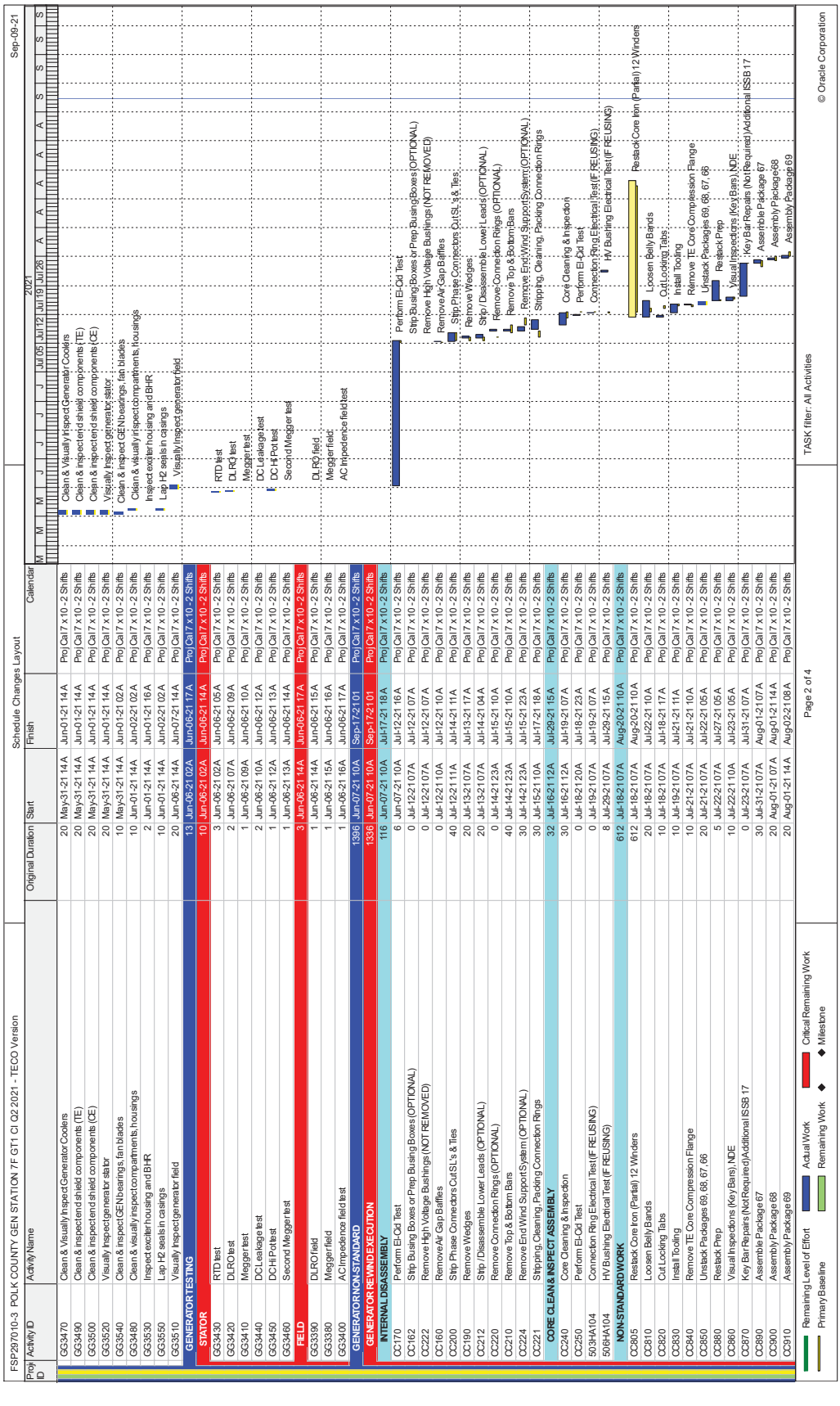
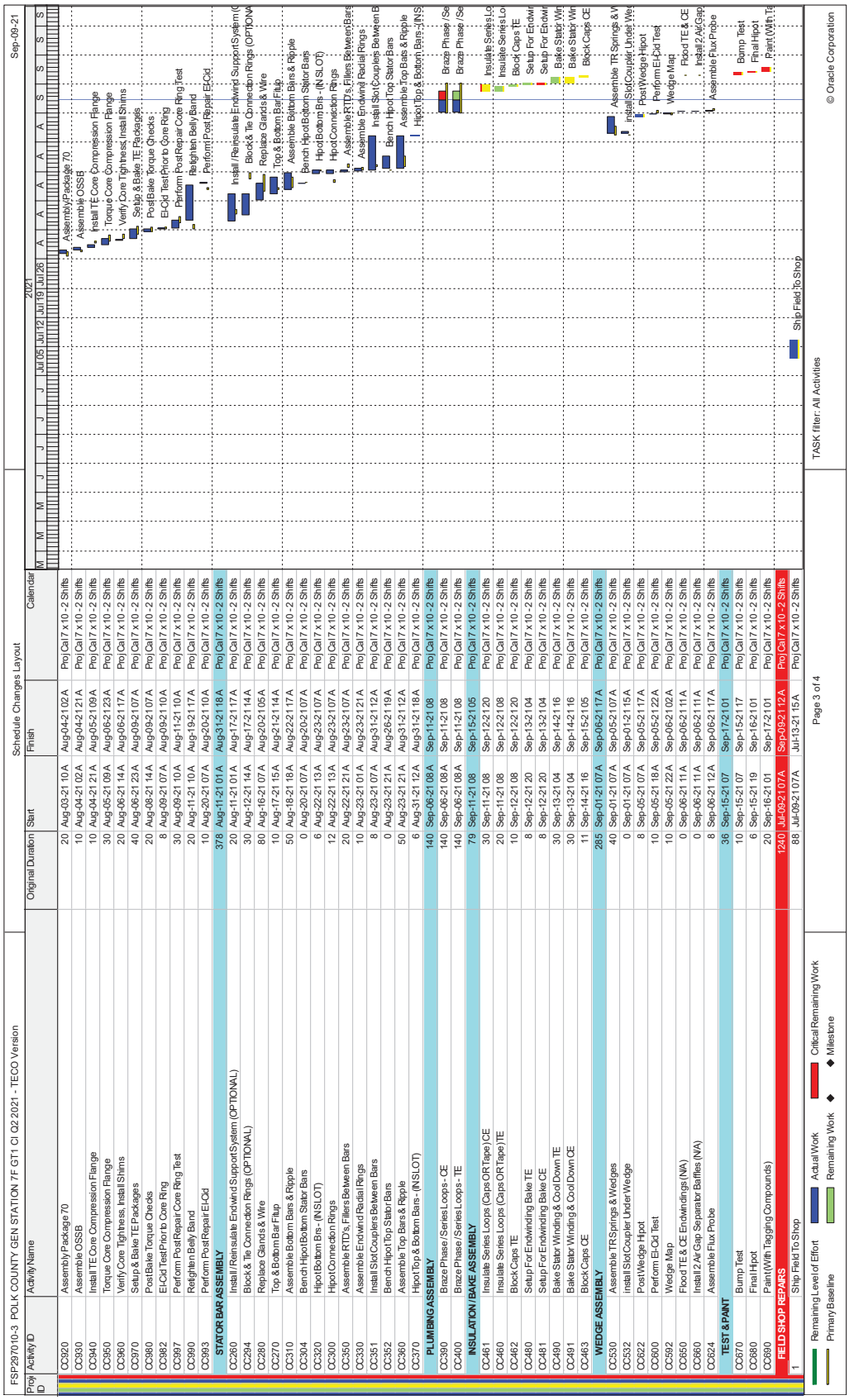
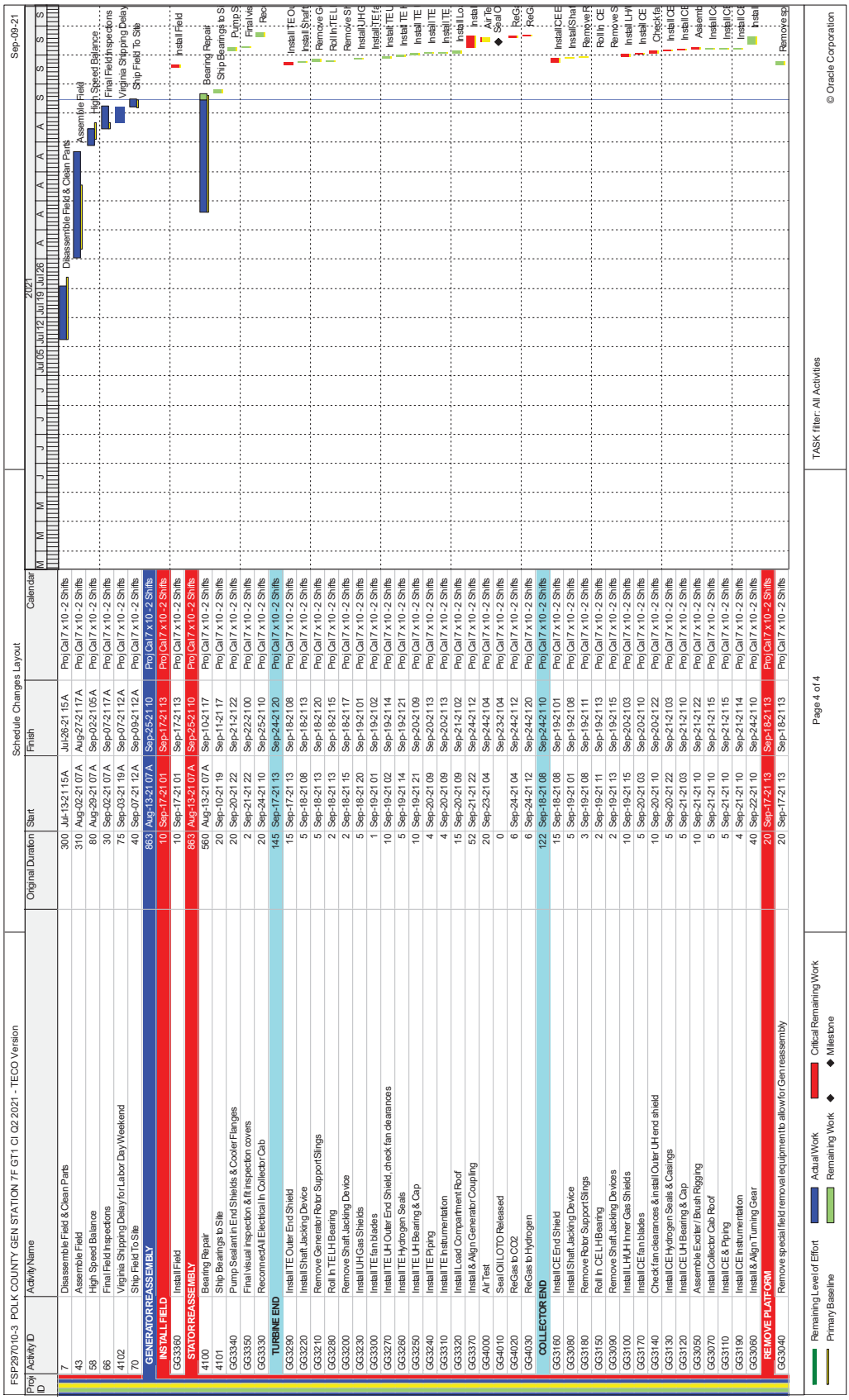

FSP297010-3 POLK COUNTY GEN STATION 7F GT1 CI Q2 2021 - TECO Version
Schedule Changes Layout
Sep-09-21
Page 2 of 4
TASK filter: All Activities
© Oracle Corporation
Remaining Level of Effort
Actual Work
Critical Remaining Work
Primary Baseline
Remaining Work
Milestone


FSP297010-3 POLK COUNTY GEN STATION 7F GT1 CI Q2 2021 - TECO Version
Schedule Changes Layout
Sep-09-21
Page 3 of 4
TASK filter: All Activities
Remaining Level of Effort
Primary Baseline
Actual Work
Remaining Work
Critical Remaining Work
Milestone
© Oracle Corporation


FSP297010-3 POLK COUNTY GEN STATION 7F GT1 CI Q2 2021 - TECO Version
Schedule Changes Layout
Sep-09-21
Proj ID
Activity ID
Activity Name
Original Duration
Start
Finish
Calendar
2021
Jul 05
Jul 12
Jul 19
Jul 26
Disassemble Field & Clean Parts
Assemble Field
High Speed Balance
Final Field Inspections
Virginia Shipping Delay
Ship Field To Site
Bearing Repair
Ship Bearings to S
Install Field
GENERATOR REASSEMBLY
INSTALL FIELD
STATOR REASSEMBLY
TURBINE END
COLLECTOR END
REMOVE PLATFORM
Remaining Level of Effort
Primary Baseline
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Page 4 of 4
TASK filter: All Activities
© Oracle Corporation

From: Thompson, Brian R (GE Gas Power)
To: Dilport, Nate
Cc: Stock, Derek R.; Torbert, Justin D.
Subject: TECO Polk CT 1 Generator - ER case on Stator Damage Noted
Date: Tuesday, March 22, 2022 8:45:48 AM
Attachments: TE End Winding Damage_5.zip

CAUTION - External Email

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Nate,

Per our phone conversation please find a summary of the ER-Case entered during the Spring 2021 CT 1 outage when the core damage was noted. ER-20210526-0948 Stator Visual Inspection Damage Noted.

Initial case description

We are performing a planned out on this generator to replace the generator heaters. We have removed the upper outer end shields to access the heaters. We made a recommendation to the customer to remove the upper gas shields to perform a visual inspection of the end windings. They had not been uncovered in several years and we were right there.

The customer agreed with the recommendation and we have now removed the upper gas shields. We did a quick visual inspection (Mechanical FE - Not Generator Specialist) of the end windings. We have noted two areas of concern on the TE. There appears to be a ripple spring that has migrated from under the wedge near the 12:00 position.

The migrated piece has bent 90 degrees appears to be touching / almost touching the field. The end of the wedge slot also appears to be cracked. There appears to be black deposits - from over-heating possibly - that are several slots wide on both sides of the damage. The deposits also can be seen a couple feet into the core on the windings. The second location is at the 9:00 position. The black deposits appears very similar to the 12:00 position. The issue with the ripple spring and cracking are not seen.

This unit has had at least one significant motoring event in march 2017. ER 20170301-2160 was opened at time. A small vibration step change was noted and the issue was investigated. Engineering provided support via 20170411-3615. A vibration specialist collected ADRE data after returning the unit to service. The vibration data was submitted for engineering review via ER 201705-3966. I believe that the load was varied during the data collection to check for thermal sensitivity with no response.

The customer has recently performed a flux probe test and the data was reviewed by a 3rd party. The assessment was that here are two shorted turns. We opened ER 20210524-0917 for engineering review of the test data. A recommendation was made to perform a visual inspection of the field, perform electrical testing of the field and a RSO test. Additional recommendation was to return to service and perform periodic flux probe test to monitor the shorted urn. Continued operation was permitted as long as thermal sensitivities did not develop and the rated output could be achieved.

It should also be noted that this unit has a history of oil ingress. Small pools of oil have been noted on both ends between the lower gas shields and end shields. There are no known liquid level detector alarms - on the SDE or the generator belly. We are planning to check for levels present in the drip legs to ensure the alarms have not failed.

Initial Case requested deliverables

Please review the pictures and referenced ER cases. Please provide and initial assessment with first thoughts so that we can discuss with the customer. please provide any additional inspection recommendations to be completed. We plan to have the GS perform a more thorough visual inspection when he arrives. We are also planning on performing the standard generator electrical testing to include a DC leakage test without HIPOT. Please advise any additional electrical testing recommendations - such as need to do a HIPOT - or inspections - such as a magic that should be performed to better provide a final engineering recommendation

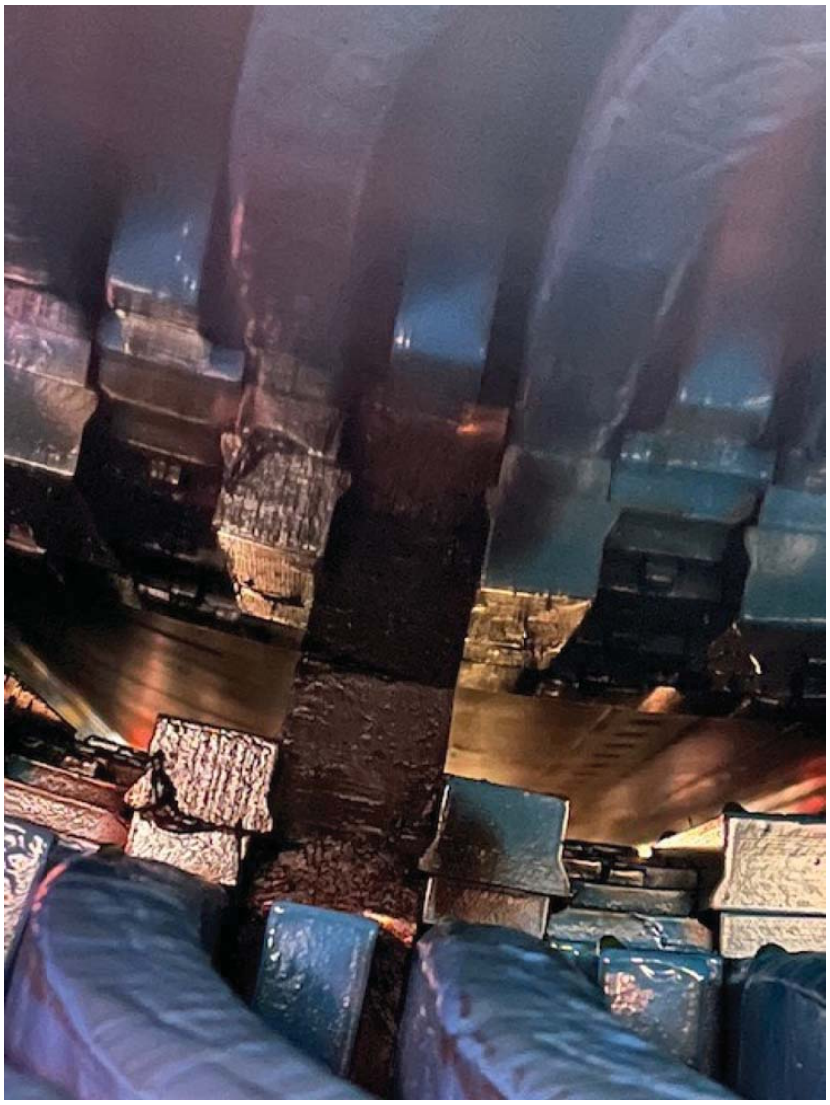
Case close notes

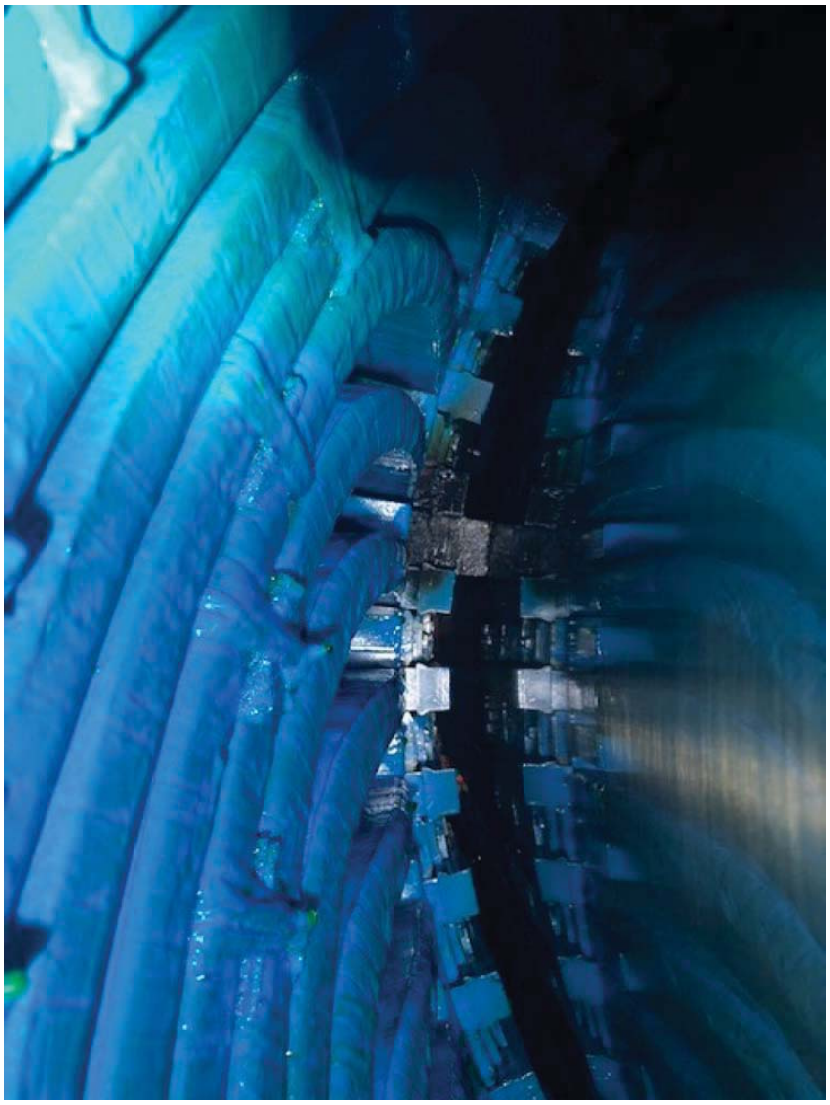
After site visit it is clear that a partial restack and rewind are necessary. One bar was found with damage as well. A strut / I-beam is missing. One package of laminations can be moved like cards in a deck. Unit did pass initial electrical testing but failed post megger testing

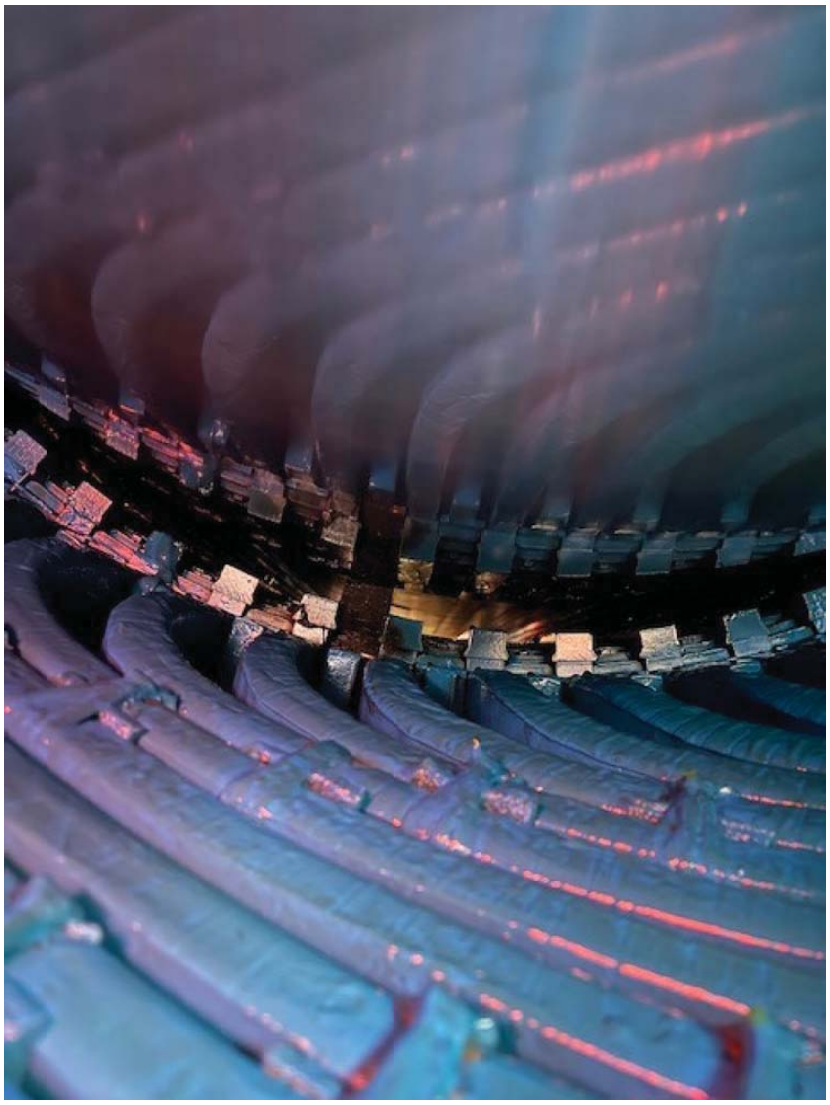
Please let me know if you have any additional questions or concerns.

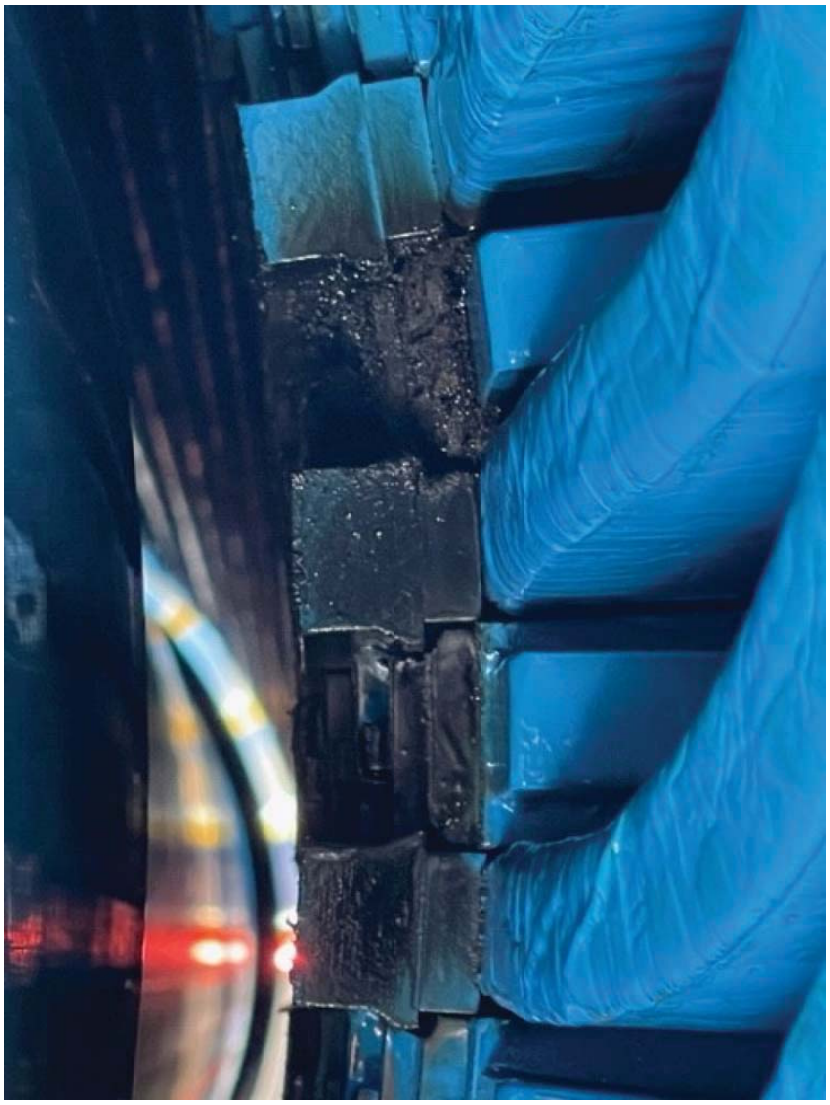
Brian R Thompson
Customer Service Leader
Power Services

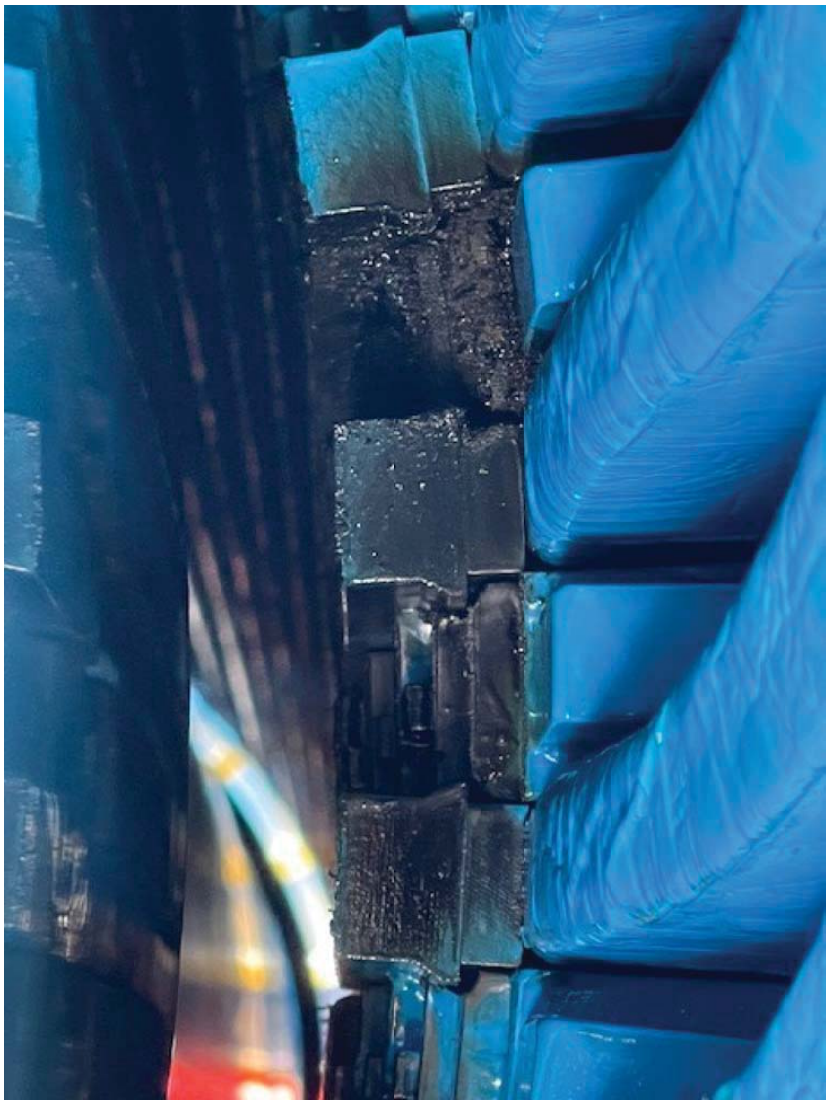
M +1 813 416 7771











TECO AN EMERA COMPANY

Work Order

Number: 2804521
Task: 1
A28045210001

Equipment Description:
1-HOH-LV-913 HRSG1 HP Drum Level Control Valve

Sep 30, 2021

Task Approved: Not Approved
Cost Approved: Not Required
Outg Approved: Not Required

Equipment/Location:
Polk County/POLK POWER STATION/UNIT 1/
POWER BLOCK/POWER BLOCK/
HEAT RECOVERY STEAM GENERATOR/
HIGH PRESSURE STEAM/H P DRUM/CONTROL VALVES/
1-HOH-LV-913 H.P. STEAM DRUM LEVEL

Status: Closed
Priority: Emergency
Condition: Outage
Outage: None specified
Impact: Production

Reason:
PK1
Start-up problem

Work Order Problem Description:
Valve has Body to Bonnet LEAK

Estimates:
Planned By:
Planned Date:
Approved By:
Total Job Hours Total Man Hours
Teco Labor:

Contract Labor	$.00
Contract Material	$.00
Contract Eqpt Rental	$.00
Teco Material	$.00
Teco Other Material	$.00
Teco Labor	$.00
Estimates Total:	$.00

CHECK YOUR TAGS

Tag #:

Description of Work to be Performed for this Task:
REPAIR

Orig Par	FERC/Pt	Bnft Par	Area:
943	553-79	000	Contractor Management Outage & Projects

WBS
CRR-05786.M.5530

Requester:
Dodd, Frederic J.

Complete Description of Work Performed:

Completed By:

Date:

Task Print for 2804521-1

TECO AN EMERA COMPANY

Work Order

Number: 2804521
Task: 2
A28045210002

Equipment Description:
1-HOH-LV-913 HRSG1 HP Drum Level Control Valve

Oct 1, 2021

Equipment/Location:
Polk County/POLK POWER STATION/UNIT 1/
POWER BLOCK/POWER BLOCK/
HEAT RECOVERY STEAM GENERATOR/
HIGH PRESSURE STEAM/H P DRUM/CONTROL VALVES/
1-HOH-LV-913 H.P. STEAM DRUM LEVEL

Task Approved: 10/01/2021
Cost Approved: Approved
Outg Approved: Not Required

Status: Completed
Priority: Urgent
Condition: Outage
Outage: None specified
Impact: Production

Reason:
PK1
Start-up problem

Work Order Problem Description:
Valve has Body to Bonnet LEAK

Estimates:

			Total Job Hours	Total Man Hours
Planned By:	Thayer, Kevin			
Planned Date:	10/1/2021 14:42:06	Contractor Labor:	20.0	20.0
Approved By:	Thayer, Kevin	Teco Labor:		

Contract Labor	$3,000.00
Contract Material	$.00
Contract Eqpt Rental	$.00
Teco Material	$.00
Teco Other Material	$.00
Teco Labor	$.00
Estimates Total:	$3,000.00

CHECK YOUR TAGS

Tag #:

Description of Work to be Performed for this Task:
Need crane operator to assist with valve.

Orig Par	FERC/Pt	Bnft Par
943	553-79	000

Area: Contractor Management
Outage & Projects
MID-STATE MACHINE

WBS
CRR-05786.M.5530

Requester:
Dodd, Frederic J.

Complete Description of Work Performed:

Completed By:

Date:

Task Print for 2804521-2

TECO AN EMERA COMPANY

Work Order

Number: 2810552
Task: 1
A28105520001

Equipment Description:
CT1 Generator Breaker 1-GML-BKR-1A

Oct 24, 2021

Task Approved: Not Approved
Cost Approved: Approved
Outg Approved: Not Required

Equipment/Location:
Polk County/POLK POWER STATION/UNIT 1/
POWER BLOCK/POWER BLOCK/
COMBUSTION TURBINE/GENERATOR/GENERATOR/
GENERATOR CIRCUIT BREAKERS 1-GML-BKR-1A

Status: Closed
Priority: Urgent
Condition: Outage
Outage: None specified
Impact: Production

Reason:
Electrical Maint.

Work Order Problem Description:
CT1 Generator Breaker - Mechanical linkage is damaged.
Directions: CT1 Generator breaker

Estimates:

			Total Job Hours	Total Man Hours
Planned By:	Davis Sr, Teddy A.			
Planned Date:	10/25/2021 09:41:48	Teco Labor:	40.0	80.0
Approved By:				

Contract Labor	$.00
Contract Material	$.00
Contract Eqpt Rental	$.00
Teco Material	$.00
Teco Other Material	$.00
Teco Labor	$4,880.00
Estimates Total:	$4,880.00

CHECK YOUR TAGS

Tag #:

Description of Work to be Performed for this Task:
CT1 Generator breaker - Repair of mechanical linkage.

Orig Par	FERC/Pt	Bnft Par
943	553-79	000

Area: Power Block
Unit 1 CT/HRSG

Skills Requirement	Qty	Hrs
Mechanical	2	40.0

WBS
CRR-05786.M.5530

Requester:
Besing, Edgardo

Complete Description of Work Performed:

Completed By:

Date:

Task Print for 2810552-1

TECO AN EMERA COMPANY

Work Order

Number: 2810552
Task: 2
A28105520002

Equipment Description:
CT1 Generator Breaker 1-GML-BKR-1A

Oct 25, 2021

Equipment/Location:
Polk County/POLK POWER STATION/UNIT 1/
POWER BLOCK/POWER BLOCK/
COMBUSTION TURBINE/GENERATOR/GENERATOR/
GENERATOR CIRCUIT BREAKERS 1-GML-BKR-1A

Task Approved: 10/25/2021
Cost Approved: Not Approved
Outg Approved: Not Required

Status: Completed
Priority: High
Condition: Outage
Outage: None specified
Impact: Production

Reason:

Work Order Problem Description:
CT1 Generator Breaker - Mechanical linkage is damaged.

Estimates:
Planned By:
Planned Date:
Approved By:
Total Job Hours Total Man Hours
Teco Labor:

Contract Labor	$.00
Contract Material	$.00
Contract Eqpt Rental	$.00
Teco Material	$.00
Teco Other Material	$.00
Teco Labor	$.00
Estimates Total:	$.00

CHECK YOUR TAGS

Tag #:

Description of Work to be Performed for this Task:
Cover cost for Mid-State to repair breaker linkage.

NOT COST APPROVED

Orig Par	FERC/Pt	Bnft Par	Area:
943	553-79	000	Contractor Management MID-STATE MACHINE

WBS
CRR-05786.M.5530

Requester:
Davis Sr, Teddy A.

Complete Description of Work Performed:

Completed By:

Date:

Task Print for 2810552-2

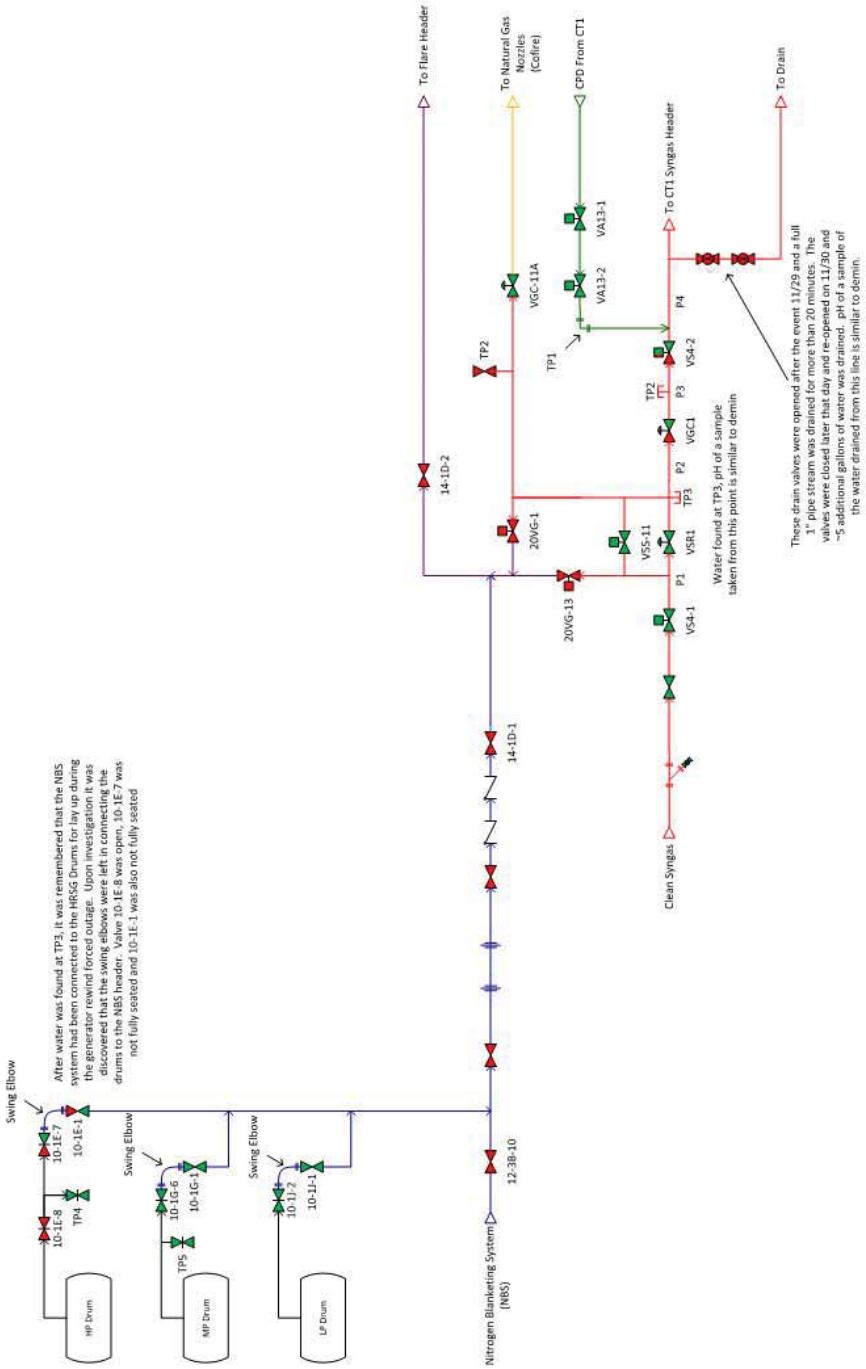
From: Stock, Derek R.
To: Prestwood, Jack C.; Dilport, Nate; Torbert, Justin D.; Hall, Brian L.
Cc: Carman, Derek I.; Peterson, Robert R.
Subject: CT1 RCA Daily Update Meeting

This meeting is being set up to provide leadership daily updates of the RCA of the CT1 event until further notice

-Root Cause update

-Work outside CT taking place

- CT update.


To Flare Header
To Natural Gas Nozzles (Cofire)
CPD From CT1
To CT1 Syngas Header
To Drain
VA13-1
VA13-2
VGC-11A
TP1
TP2
P4
VS4-2
TP2
TP3
P3
VGC1
P2
TP3
VSR1
VS5-11
20VG-1
20VG-13
P1
VS4-1
14-1D-2
14-1D-1
Clean Syngas
Water found at TP3, pH of a sample taken from this point is similar to demin
These drain valves were opened after the event 11/29 and a full 1" pipe stream was drained for more than 20 minutes. The valves were closed later that day and re-opened on 11/30 and ~5 additional gallons of water was drained. pH of a sample of the water drained from this line is similar to demin.
After water was found at TP3, it was remembered that the NBS system had been connected to the HRSG Drums for lay up during the generator rewind forced outage. Upon investigation it was discovered that the swing elbows were left in connecting the drums to the NBS header. Valve 10-1E-8 was open, 10-1E-7 was not fully seated and 10-1E-1 was also not fully seated
Swing Elbow
Swing Elbow
Swing Elbow
10-1E-7
10-1E-1
10-1E-8
TP4
10-1G-6
10-1G-1
TP5
10-1J-2
10-1J-1
HP Drum
MP Drum
LP Drum
12-3B-10
Nitrogen Blanketing System (NBS)

From: Dilport, Nate
To: Sanchioni-Rivera, Shelly S
Cc: Knapp, David R.; Torbert, Justin D.; Hall, Brian L.; Stock, Derek R.; Shell, Patrick L.; Peterson, Robert R.
Subject: Polk CT1 Stage 3 Bucket Liberation RCA
Date: Wednesday, December 1, 2021 8:45:51 AM

Good Morning Shelly,

I'm not sure if you have heard, but we suffered a stage 3 bucket liberation on CT1 related to water induction at full speed no load. We are going to be in the territory of a major RCA, can you assist me in pulling a RCA team together?

We would like to have Derek Stock, Justin Torbert, Brian Hall and me included from the station. There will also likely be a significant near miss attached to the incident, but that determination has not been officially made yet.

Regards,

Nate Dilport
Project Engineer
Polk Power Station
Office: (863) 428-5982
Cell: (813) 310-0256
ndilport@tecoenergy.com

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****

PK1 – Forced Major Outage

High Potential

Date: 11/29/2021

DRAFT

High Potential Incident
DRAFT Incident Investigation Report

Polk Power Station

Type:	CT 1 Forced Outage
Date:	November 29th, 2021
Time:	0748
Location:	PPS Unit 1 Combustion Trainer
Contractor:	N/A
Job Task:	N/A
Environmental Conditions	Mild morning

Incident

During start up on Polk 1, the combustion turbine was firing and approaching FSNL when the Compressor Discharge Air (CPD) Block valves, VS13-1 and VS13-2, opened to provide cooling air to the syngas nozzles. Shortly after the unit tripped on high vibration and coasted down at what appears to be a typical coast down curve. Turning gear engaged and unit cooled down and shut off for inspection.

Events Prior to the Incident

Polk 1 Generator was in outage from May-October for repairs of the stator and rotor. During the repair, the boiler was tested for long term reserve by putting nitrogen in the drums using the existing nitrogen blanket system (NBS) by installing the swing elbows and running nitrogen into the drums. The NBS system was valved out and was verbally requested to remove swing elbows from drums to re-isolate the NBS system from the HRSG for tube sampling work. The elbows were left installed and valved out. Polk 1 had two start-ups on 10/2 – 10/20 then on 11/5 - 11/18. During the 11/5 start-up the HP drum went off scale high when the boiler feed pump started and recovered 20 minutes later, this has happened in the past and has been a known issue that is currently being resolved with the HP Drum level control valve. On 11/18 Polk 1 was taken off-line for electrical testing and was called to start on 11/29.

Events after the Incident

After the unit tripped, investigations started immediately. A maintenance specialist remembered a similar incident 2012 when water was in the syngas header and Polk 1 tripped on high vibrations, it was found at this time that the water injection for liquid fuel operations leaked by in the fuel nozzles and made its way into the header. The syngas header was the first placed that was checked for water at the low point and a significant amount of water was found. The water was tested and was similar in pH to demineralized water (~5 pH). The source of water was found upstream in P2 cavity in the syngas skid, which had to leak by to valves (VS4-1 and VGC-2) to enter the syngas header. The P1 and P2 cavities are vented to the flare that also is tied into the NBS header that the HRSG steam drums were tied into for testing earlier that year during the Polk 1 generator outage. While tracing down lines, it was remembered that the NBS line was used for drum layup and that it tied into the same NBS header the flare was tied into. The HRSG steam drums and NBS system was walked down it was found the swing elbows were in fact left in place and two of the NBS block valves appeared not to be fully isolated. Investigations continued to prove that the source of the water came from the HP steam drum and that has been verified from several test.

Observations (Facts)

- Polk 1 was called to start on 11/29/2021 at
- Polk 1 tripped on high vibrations
- Water was found in the low point on the syngas header inside the compartment
- Water was found in the NBS line and Flare header
- The NBS header was tied into the steam drums on the HRSG
- NBS Upstream block valve10-1E-V8 into HP Steam drum was open
- 3rd stage buckets liberated from the turbine

Concise Sequence of Events

Injury / Damage

No injuries occurred as a result of this event.
3rd stage buckets, nozzles, and shrouds were damaged, exhaust frame was damaged.

Compressor blades and stators will be needed blending for minor tip curl and rubbing. Bearing seals will need replacement and hydrogen seals need inspection. Turbine/Generator bearings are planned on being inspected and refurbished if needed.

Immediate Factors

- The HRSG steam drums were tied into the NBS header with the swing elbows that are not intended to be used during normal operation.
- Nitrogen, through the NBS header, is used as an inert gas for the flare header
- Steam/Condensate had a path into the NBS system

Operational Factors

- NBS swing elbows were left in place while unit was in operation
- NBS system was not used for 25+ years of operation and was not captured in a walkdown checklist

Equipment Factors

- VS4-1 and VGC-1 leaked by
- Downstream NBS 10-1E-V8 was not closed
- NBS valves 10-1E-V7 and 10-1E-V1 were not fully isolated

Controls Factors

Conclusion

Water was able to accumulate in the P2 cavity and leak into the syngas header to allow water ingestion into CT1 while at FSNL operation.

Recommendations

See Excel form for recommendations and solutions

DRAFT

From: Scott Fortuna
To: Stock, Derek R.
Subject: RE: Availability to Polk
Date: Wednesday, December 8, 2021 8:22:01 AM

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Hi Derek,

I'm "on loan" to Polk for the RCA. I'm supporting Bayside full time. I checked with the Bayside Director to see if he was ok with me helping out on the RCA and he is, but I won't be fully available as you mentioned. I'm looking after the Advanced Gas Path project, the boiler feedpump upgrades and the BOP impact here so that's keeping me busy. Plus I live in Maine so I'm here about 2 weeks per month.

I think the RCA is going very well. I was pleasantly surprised at the progress even at the meeting on Monday. During the walkdown, I think we all got to the same conclusion. I feel like the root cause is understood at this point. Just before I had to leave yesterday, I asked about any GT vibration or any other indications of water ingestion from that second start. If we believe condensation from the steam drum leaked by the valves on the swing elbow, why did that not happen during the 1st run (before the 2nd start)? That's the one question on my mind right now.

Otherwise, the path forward should be how those swing elbows got installed (we looked at the June Work Order yesterday) and how do we prevent something like that from happening again.

I plan to be on for the whole meeting today.

Thank you.

Scott

From: Stock, Derek R. <drstock@tecoenergy.com>
Sent: Wednesday, December 8, 2021 7:48
To: Scott Fortuna <scott@librapowersolutions.com>
Subject: Availability to Polk

Hey Scott, I appreciate you coming out to Polk for RCA. My understanding is that you still have some work at Bayside. Do you know the point you will be fully available for Polk? Outside us gathering our own data to continue on the RCA is there anything you need as we continue? Just

want to make sure as we are in early stages of process we don't miss anything you would like to see.

Thanks, Derek

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From: Dilport, Nate
To: Prestwood, Jack C.
Cc: Torbert, Justin D.; Hall, Brian L.; Carman, Derek I.; Peterson, Robert R.; Stock, Derek R.
Subject: RE: CT1 RCA Daily Update
Date: Saturday, December 4, 2021 5:23:19 PM
Attachments: CT1 Water Source Sketch.png

Jack,

JT, Brian and I made good progress on proving our theory for the water source for CT1 today. We have the Steam out of Power Block tagout hung and were able to begin breaking the NBS system into smaller pieces to test individual components, which has proven that the water that we found is in fact condensate from the steam circuit and likely from the HP drum.

We started by separating the NBS system from the flare header east of the syngas skid (titled NBS to flare spool in the attached sketch, there was some water in the spool when we removed it), closing the flare header isolation valve above the nitrogen skid and were able to build pressure in that segment of the system. We initially charged the segment to 30 psi and saw flow downstream of VS4-2 (P2 to P3 to the syngas header to the nozzles). We also did not have any flow back through the check valves just downstream of the NBS to flare coupling which eliminates the possibility of water being pushed into the NBS header from the flare header/turbine. We increased the pressure in this section to 80 psi and still did not see any flow back across the check valves, further validating that those check valves are holding, we also saw increased flow in the syngas header to the nozzles at this higher pressure.

With the path from NBS to flare header proven, we began working on the source of the water in the NBS header. I was able to check a NBS low point drain in the pipe rack last night and it was dry, so dry that the packed rust in the line that had packed into the valve was fine dust as it came out. The fact that water was in the NBS to flare coupling upstream of the double check valves and not in this low point drain proves that the water has to have been introduced between those two point due to the routing of the NBS supply to the power block. We then cracked one of the swing elbow flanges up at the HP drum and drained 1-2 gallons of water. We closed the upstream block at the drum, tightened the flange that we drained and pressurized the HP drum connection to the NBS header with service air through the vent connection. With service air flowing into the line we confirmed flow on the NBS header side of the NBS to flare coupling at the syngas skid. We performed this test initially without manipulating any valves at the HP drum other than the upstream block to the HP drum. We then seated both the downstream HP Drum block and the NBS block at the HP drum, each began to leak by with less than an eighth of a turn open. After our conversations with Todd and Mac we believe that the downstream HP block was at least ¼ to ½ turn open and the NBS valve was at least ½ turn open while the unit was in service.

Based on the above, we feel that we have sufficient evidence to confirm that we were leaking steam/condensate into the NBS header from the steam drum(s) when the unit was in service. This condensate was not able to enter the P3 cavity and therefore the syngas header to the nozzles due to compressor discharge pressure (CPD) while the CT was in operation, however the condensate was able to back up into the flare header. Once the unit shut down and the CPD pressure went away this condensate stored in the flare header was then able to flow from the P2 cavity into the P3 cavity

and ultimately into the syngas header to the fuel nozzles.

We still have a few things to document on Monday including the pressure at which VGC1 (valve separating P2 and P3) begins to leak by and the height of all of the flare header steps before it ties into the top of the main flare header. We would also like to remove all of the NBS and drum isolation valves for each drum to have them tested by a third party to independently confirm what we have found so far. We have photos and videos to document everything I talked about above.

Please let us know if you have any additional questions or concerns.

Regards,

Nate Dilport
Project Engineer
Polk Power Station
Office: (863) 428-5982
Cell: (813) 310-0256
ndilport@tecoenergy.com

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****

-----Original Appointment-----
From: Peterson, Robert R. <RRPeterson@tecoenergy.com>
Sent: Thursday, December 2, 2021 10:01 AM
To: Peterson, Robert R.; Stock, Derek R.; Prestwood, Jack C.; Dilport, Nate; Torbert, Justin D.; Hall, Brian L.; Carman, Derek I.
Subject: CT1 RCA Daily Update
When: Occurs every weekday effective 12/2/2021 until 2/24/2022 from 10:00 AM to 10:30 AM (UTC-05:00) Eastern Time (US & Canada).
Where: Polk Conf 1A; Webex

This meeting is being set up to provide leadership daily updates of the RCA of the CT1 event until further notice

-Root Cause update
-Work outside CT taking place
- CT update.

-- Do not delete or change any of the following text. --

When it's time, join your Webex meeting here.

Join meeting

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Join by meeting number
Meeting number (access code): 2633 673 8398
Meeting password: y62SM7SfsYW

Tap to join from a mobile device (attendees only)
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Join from a video system or application
Dial 26336738398@tecoenergy.webex.com
You can also dial 173.243.2.68 and enter your meeting number.

Join using Microsoft Lync or Microsoft Skype for Business
Dial 26336738398.tecoenergy@lync.webex.com

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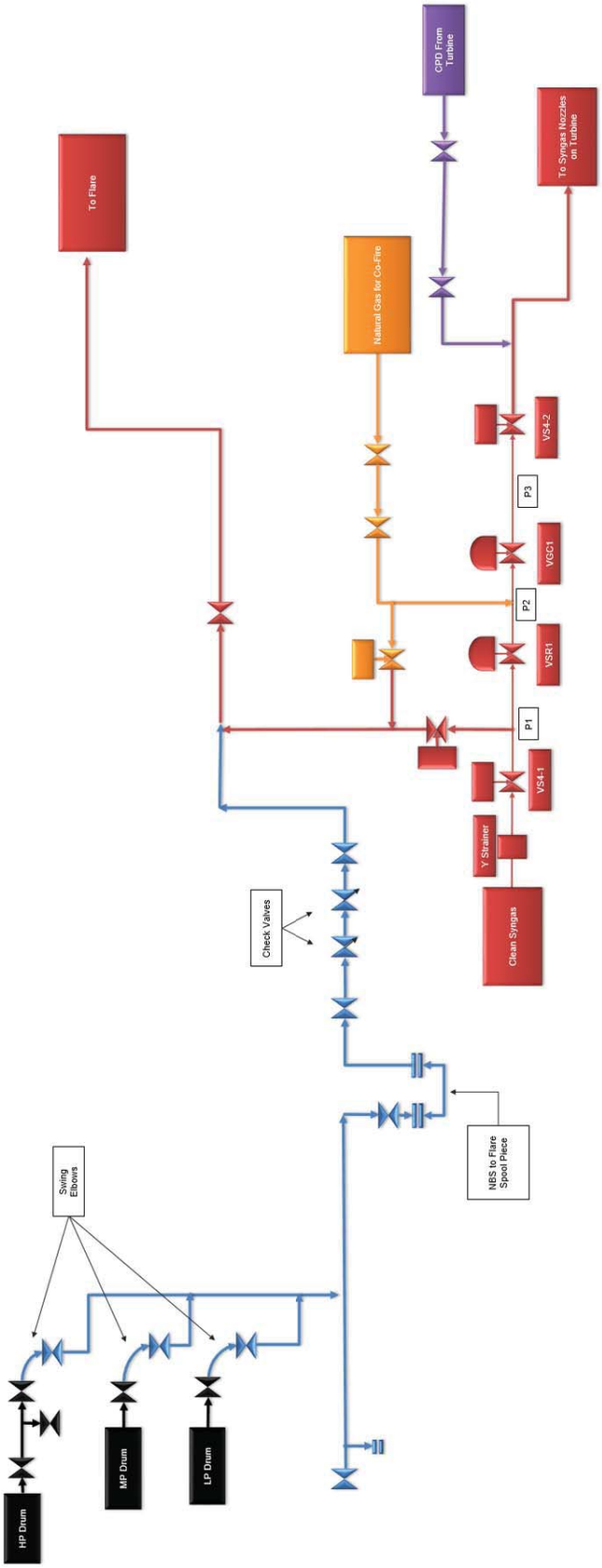

CPD From Turbine
To Syngas Nozzles on Turbine
To Flare
Natural Gas for Co-Fire
VS4-2
P3
VGC1
P2
VSR1
P1
VS4-1
Y Strainer
Clean Syngas
Check Valves
N8S to Flare Spool Piece
Swing Elbows
HP Drum
MP Drum
LP Drum

From:	Carlson, Edsel L.
To:	Peterson, Robert R.; Sawdon, Eric J.
Cc:	Stock, Derek R.; Prestwood, Jack C.; Shelley, Todd J.; Richardson, Eric B.; Currie, Enille; Nunez, Diana L.; Smith, Robert A
Subject:	RE: Polk Unit 1 Combustion Turbine - Claim Event
Date:	Tuesday, November 30, 2021 10:17:14 AM
Attachments:	image001.jpg image002.png

Rob,

Please take a lot of pictures to document and do not throw anything away and preserve the evidence. Is there any chance this loss even could have been caused by a 3rd party? Any work a contractor was doing on the unit? We will want to make sure we are able to document that to make sure we can prove any third party negligence. The adjuster would like to see things in a fond conditions but I would not recommend we delay anything that will hold up the repair of the unit. We will do the best we can to accommodate the insurers but they will understand that we need to repair the unit as soon as possible. If you can get me the loss notification form today I will send to Marsh and get the claim ball rolling.

Thanks,

Edsel L. Carlson, MBA, FRM, ARM, CRM
Risk Manager
TECO Energy
O: 813-228-4885 C: 813-505-2255
elcarlson@tecoenergy.com

From: Peterson, Robert R. <RRPeterson@tecoenergy.com>
Sent: Tuesday, November 30, 2021 9:20 AM
To: Sawdon, Eric J. <EJSawdon@tecoenergy.com>
Cc: Stock, Derek R. <drstock@tecoenergy.com>; Prestwood, Jack C. <jcprestwood@tecoenergy.com>; Shelley, Todd J. <tjshelley@tecoenergy.com>; Richardson, Eric B. <ebrichardson@tecoenergy.com>; Currie, Enille <Enille.Currie@emera.com>; Carlson, Edsel L. <ELCarlson@tecoenergy.com>; Nunez, Diana L. <dlnunez@tecoenergy.com>
Subject: RE: Polk Unit 1 Combustion Turbine - Claim Event

Hi Eric,

We will be sure to get the Property Loss Form completed prior to Friday. Before any clean up activity begins, would you anticipate an adjuster wanting to view as found conditions in terms of the

damage? We do have some pictures and the OEM will be conducting an internal borescope inspection to investigate further.

Thanks,
Rob

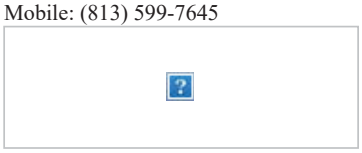
From: Sawdon, Eric J. <EJSawdon@tecoenergy.com>
Sent: 30 November, 2021 08:48
To: Peterson, Robert R. <RRPeterson@tecoenergy.com>
Cc: Stock, Derek R. <drstock@tecoenergy.com>; Prestwood, Jack C. <jcprestwood@tecoenergy.com>; Shelley, Todd J. <tjshelley@tecoenergy.com>; Richardson, Eric B. <ebrichardson@tecoenergy.com>; Sawdon, Eric J. <EJSawdon@tecoenergy.com>; Currie, Enille <Enille.Currie@emera.com>; Carlson, Edsel L. <ELCarlson@tecoenergy.com>; Nunez, Diana L. <dlnunez@tecoenergy.com>
Subject: Polk Unit 1 Combustion Turbine - Claim Event
Importance: High

Rob,

Please make sure to complete the attached Property Loss Form and return to Edsel and I no later than Friday morning so we can put the insurance carriers on notice as soon as possible.

Best,

Eric J. Sawdon, CLCS
Risk Management - Risk Analyst
Mobile: (813) 599-7645



From: Peterson, Robert R. <RRPeterson@tecoenergy.com>
Sent: Tuesday, November 30, 2021 7:45 AM
To: Carlson, Edsel L. <ELCarlson@tecoenergy.com>
Cc: Stock, Derek R. <drstock@tecoenergy.com>; Prestwood, Jack C. <jcprestwood@tecoenergy.com>; Shelley, Todd J. <tjshelley@tecoenergy.com>; Richardson, Eric B. <ebrichardson@tecoenergy.com>
Subject: Polk Unit 1 Combustion Turbine Event

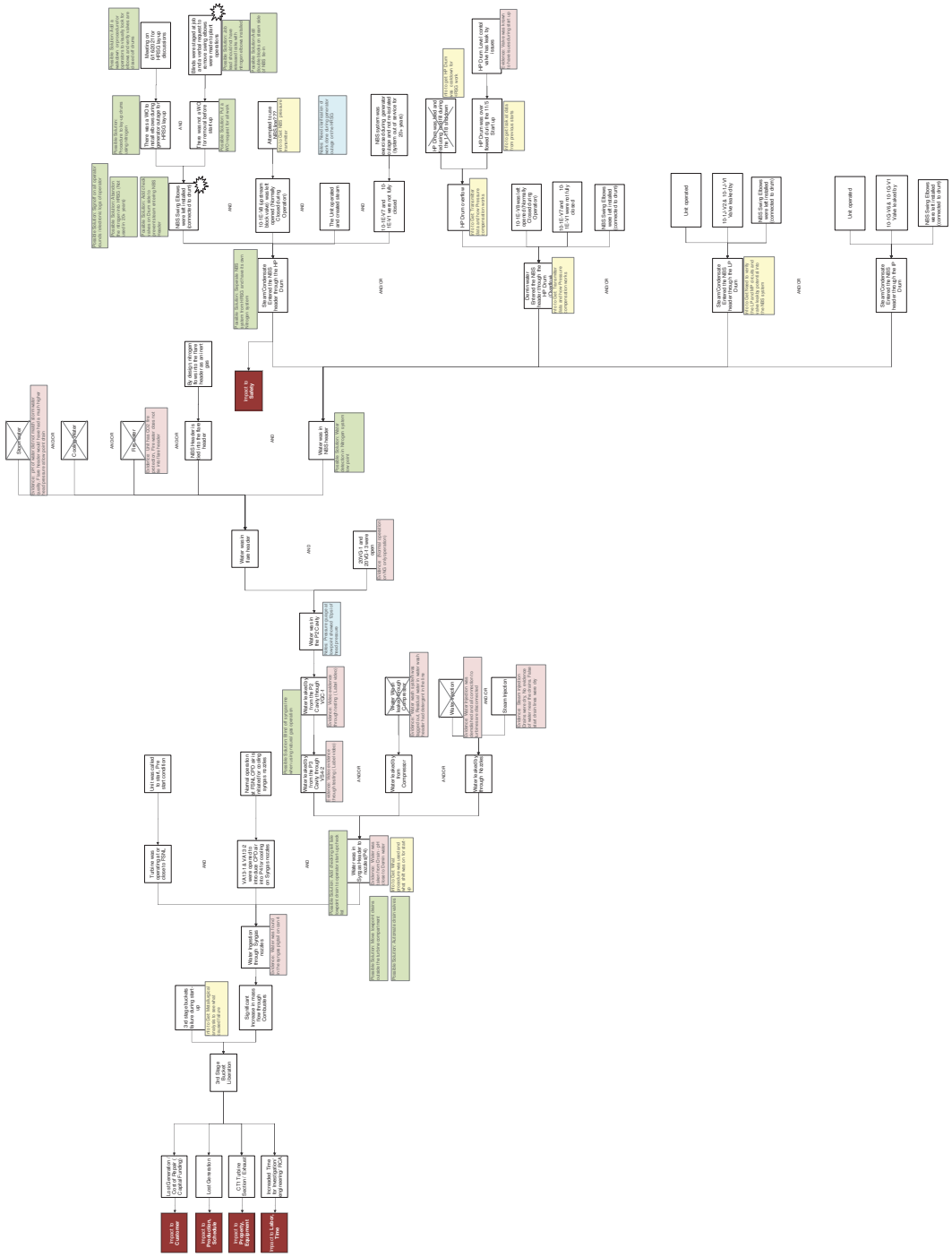
Hi Edsel,

Polk Unit 1 experienced a significant failure yesterday. The team is actively investigating but we will certainly be down for an extended period and incur substantial cost. With the CTG1 work earlier this year, we will very likely exceed the self-insured deductible. There was a question yesterday as to whether repairs associated with a claim would have to occur in the same covered year (this repair will likely go into 2022). Please advise on next steps.

Thanks,
Rob

Possible Solutions for Consideration | **Select** | **Implementation - Action Plan**

Ref.	Possible Solution	Cause Controlled	Work Process *(process to be improved)*	Implement? *(yes or no)*	No.	Specific Actions *(specific actions to be taken)*	Owners *(names)*	Due Date	Measurable *(how will we verify completion and effectiveness)*
1	Abandon the nitrogen into HRSG (Not used in 20+ years)	NBS Swing Elbows were left installed (connected to drum							
2	Procedure to lay-up drums using nitrogen	NBS Swing Elbows were left installed (connected to drum							
3	Add check valves on Drum side to prevent steam entering NBS Header	NBS Swing Elbows were left installed (connected to drum							
4	Add a walkdown or procedure for operators to visually look for elbows and verify valves are closed off drums	NBS Swing Elbows were left installed (connected to drum							
5	Put a WO request for all work	NBS Swing Elbows were left installed (connected to drum							
6	Job lead should not have released locks with nitrogen elbows installed	Blinds were staged at job and a verbal request to remove swing elbows were made to plant operations							
7	Add double blocks on steam side of NBS tie-in	Blinds were staged at job and a verbal request to remove swing elbows were made to plant operations							
8	Seperate NBS system from HRSG and have its own Nitrogen system	Steam/Condensate Entered the NBS header through the HP Drum							
9	Water detection in Nitrogen system low point	Water was in NBS header							
10	Blind off syngas line when using natural gas operation	Water leaked by from the P3 Cavity through VS4-2							
11	Add checking tell tale lowpoint drain to operator start-up check list	Water was in Syngas Header to nozzles(P4 cavity)							
12	Move lowpoint drains outside the turbine compartment	Water was in Syngas Header to nozzles(P4 cavity)							
13	Automate drain valves	Water was in Syngas Header to nozzles(P4 cavity)							
14	Signoff on all operator rounds / electronic logs of operator rounds	Water was in Syngas Header to nozzles(P4 cavity)							



From: Torbert, Justin D.
To: Prestwood, Jack C.; Stock, Derek R.; Hall, Brian L.; Carman, Derek I.; Dilport, Nate; Peterson, Robert R.
Subject: Summary of CT1 event to date
Date: Tuesday, November 30, 2021 8:44:11 AM

Here is our summary to date:

Unit 1 CC Turbine Event initial findings
At approx. 0800 on 11/29/21 CT1 was called to start.
During start up the unit fired on natural gas with no load and at 0923 tripped on high vibrations at 3588 RPM (operating .3 ips, 5 ips was seen)
High vibrations coincided with the time the syngas cooling valves were opened. During the investigation water was found in the turbine side syngas header and also found in the compressor discharge header.
It is suspected that water filled the syngas header and was not blown out on initial start up because the nozzle cooling air(compressor discharge) is not admitted until later in the sequence, while the other systems are purging at the beginning of start up.
Investigation continues as to how water was entrained in the syngas nozzle cooling air system.
Water samples were taken out of the syngas drain line, as well as water wash system. Water out of the syngas drain line is showing indications it is demineralized water based on sampling. Additional sampling is currently taking place.

The following sources of water are being evaluated:
Water Wash System
Instrument air (failed cooler? Very difficult to entrain in syngas line)
Steam Injection system
Water Injection Skid (Retired in place during start up fuel conversion project, appears to be fully blanked off)
Atomizing Air system (Retired in place during start up fuel conversion project, appears to be fully blanked off)
Condenser hot well (drain line back feed)

The unit was shut down on the 18th of November for the common gas yard outage, for approximately 11 days offline, the only additional work performed on the unit was a thermocouple change out, no water wash was performed. Normal shut down occurred.
Again, we have not definitively found the source of water, investigation continues.

CONFIDENTIAL MATERIAL REDACTED

BATES STAMPED PAGES 278 - 286

AUSLEY & MCMULLEN

ATTORNEYS AND COUNSELORS AT LAW

123 SOUTH CALHOUN STREET
P.O. BOX 391 (ZIP 32302)
TALLAHASSEE, FLORIDA 32301
(850) 224-9115 FAX (850) 222-7560

April 14, 2022

VIA: ELECTRONIC TRANSMISSION

Ms. Mary Wessling
Office of Public Counsel
111 West Madison Street, Room 812
Tallahassee, FL 32399-1400
wessling.mary@leg.state.fl.us

Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance Incentive Factor; FPSC Docket No. 20220001-EI

Dear Ms. Wessling:

Tampa Electric Company served its responses to Citizens' First Request for Production of Documents (Nos. 1-8) on April 8, 2022. Since that time, Tampa Electric has identified additional documents responsive to Citizens' request. As a result, attached is Tampa Electric's supplemental production of documents.

If you have any questions, please feel free to contact us.

Sincerely,

Malcolm N. Means

MNM/bmp
Attachment

cc: Ryan Sandy, General Counsel, FPSC
TECO Regulatory Department

Sizemore, Ashley A.

From:	Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent:	Monday, July 12, 2021 6:35 PM
To:	Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.
Cc:	Denisov, Yuriy (FieldCore); Shanahan, Michael (FieldCore)
Subject:	Daily Update During Outages - 07/12

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Ron / Lee / Brian,

Current Status Update as of 07/12 @ 1800

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator In Place
Confined Space / Hot Work Permits
Weather – Heat / Lightning
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Mechanical Items Generator

Ongoing Generator
Mobilizing and prepping site for generator repair work

Issues

Parts / Tools / Consumables
Received machine van, short shelf life van, and crate for connection rings
Dumpsters for scrap metal and copper arrived onsite

Open items

Additional / General Notes

Jon Meacham
Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From:	Denisov, Yuriy (FieldCore) <Yuriy.Denisov1@ge.com>
Sent:	Tuesday, July 13, 2021 5:11 AM
To:	Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.
Cc:	Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas Power)
Subject:	NS Daily Update During Outages - 07/12
Attachments:	07-12-2021 TECO-Polk_Unit1_Turnover NS.doc

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All,

Please see the attached turnover for work completed .

Thank you,

Yuriy Denisov
TFA- Generator Specialist
FieldCore

M +1 469 925 8815
Yuriy.Denisov1@ge.com

Current Assignment

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
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GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/12/2020 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Commence Inventory Tools (need to order two more two-speed torches handles and 6 more single shot double head for CCSR)
- Commence setting up lights on CE and TE
- Commence setting up working area CE and TE
- Commence Trailer(s) setup (tooling and brake trailers), installed tarps between tools trailers
- Organizing OSR Field Procedures
- EHS setup

Completed:

- Completed LOTO walk down
- Site safety orientation for NS
- Placed ground on SSL trailer

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- need to order two more two-speed torches handles and 6 more single shot double head for CCSR

7) Actions in order of priority for Next Shift:

- Continue setting up working area on CE and TE
- Continue receiving, placing and inventory of equipment/tooling
- AC unit is arriving around 9 am
- Commence " As Found" stator visual inspection by OSR 7503 and record dimensions (the record data sheets are in the folder)

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

GE PROPRIETARY
UNCONTROLLED WHEN PRINTED

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GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

✠ *Cut center wedges* ✠ *Remove body and end wedges* ✠ *Cut series connections on CE and TE* ✠ *Cut Phase connections on CE, save phase straps* ✠ *Remove top and bottom bars* ✠ *Remove and strip connection rings*
10) Comments:
⚓ *GE Notes:*
⚓ *TECO-POLK Plant Notes*:

Sizemore, Ashley A.

From:	Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent:	Tuesday, July 13, 2021 5:33 PM
To:	Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.
Cc:	Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore)
Subject:	Daily Update During Outages - 7/13

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Ron / Lee / Brian,

Current Status Update as of 07/13 @ 1800

EHS
COVID Procedures
Crane Operations
LOTO – Gas Turbine / Generator In Place
Confined Space / Hot Work Permits
Weather – Heat / Lightning
Insects (Bees / Wasps / Spiders) - Reptiles

Completed Mechanical Items Generator
Cleaned and boxed coupler bolts ready for shipment
Removed channel iron from generator cooler scaffolding to prep for A/C

Completed Generator Rewind Task
"As Found Measurements" for connection rings and phase connections
"As Found Measurements" for end winding support
Tested gas RTD's
Removed stator wedges

Ongoing Generator Work Next Shift
Continue stripping phase connection straps
Continue cutting series connections on TE

Weather Delays
Lightening delay ~ 2:43pm to 4:05pm

Issues

Parts / Tools / Consumables

A/C unit was delayed until 7/14
4160 transformer and cables will arrive 7/14

Open items

Additional / General Notes

Jon Meacham
Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From:	Denisov, Yuriy (FieldCore) <Yuriy.Denisov1@ge.com>
Sent:	Wednesday, July 14, 2021 4:16 AM
To:	Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.
Cc:	Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas Power)
Subject:	NS Daily Update During Outages - 07/13
Attachments:	07-13-2021 TECO-Polk_Unit1_Turnover NS.doc

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All,

Please see the attached turnover for work completed .

Thank you,

Yuriy Denisov
TFA- Generator Specialist
FieldCore

M +1 469 925 8815
Yuriy.Denisov1@ge.com

Current Assignment

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
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FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

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GE Power Services Quality Manual

NIGHT SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/13/2020 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Commence cutting series connections on CE
- Commence unbrazing phase connections (9 – done, 3 – left)
- Organizing OSR Field Procedures
- Commence cutting bar to bar ties on TE

Completed:

- Completed cutting series connections on TE
- Completed stripping phase connections
- Set up oxy/propane torches
-

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

7) Actions in order of priority for Next Shift:

- Complete unbrazing phase connections
- Complete cutting series connections on CE
- Continue receiving, placing and inventory of equipment/tooling
- Commence removing top bars
- Remove bars from the dance floor by the end of the shift to make room for NS activities

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Remove top and bottom bars*
- *Remove and strip connection rings*
- *Remove end winding support system TE and CE*
- *Perform post stripping Elcid*

10) Comments:

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NIGHT SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR
337X011

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
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Sizemore, Ashley A.

From:	Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent:	Wednesday, July 14, 2021 6:05 PM
To:	Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.
Cc:	Hege, Nathan (GE Gas Power); Denisov, Yuriy (FieldCore); Shanahan, Michael (FieldCore); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Freeman, Samuel (APM)
Subject:	DS Daily Update During Outages - 07/14
Attachments:	07-14-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile 813-415-4379
Email: Jonathon.Meacham@ge.com
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DOCKET NO. 20220001-EI
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GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/14/2020 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night:** David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Wiring up 4160 transformer at the LCI
- Removing bottom bars ~ 20 left
- Organizing OSR Field procedure books

Completed:

- Stripped phase straps
- Unbrazed phase straps
- Cut series connections on CE
- Removed top bars
- Removed inner binding bands and labeled them

3) Deviations from Program and Variances to the Scope:

- **Lightning delays ~ 12:32 pm to 2:50 pm**

4) Problems / Technical Issues:

5) Items for Coordination with Others:

-

6) Parts / Spares / Tooling Issues:

-

7) Actions in order of priority for Next Shift:

- Complete removing bottom bars
- Cut affected stator bars (Core damage) as requested by customer
- Complete removing connection rings
- Setup area for stripping connection rings
- Start stripping connection rings
- Start stripping and cleaning inner binding bands
- Apply heat source to HVB's in GTE

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Provide power to sea vans*
- *Build procedure book*
- *Remove and strip connection rings*
- *Clean core*

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GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

✱ *Build containment area for connection ring stripping*
10) Comments:
✱ *GE Notes:*
✱ *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
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FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From:	Denisov, Yuriy (FieldCore) <Yuriy.Denisov1@ge.com>
Sent:	Thursday, July 15, 2021 4:32 AM
To:	Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.
Cc:	Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas Power)
Subject:	NS Daily Update During Outages - 07/14
Attachments:	07-14-2021 TECO-Polk_Unit1_Turnover NS.doc

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All,

Please see the attached turnover for work completed .

Thank you,

Yuriy Denisov
TFA- Generator Specialist
FieldCore

M +1 469 925 8815
Yuriy.Denisov1@ge.com

Current Assignment

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

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GE Power Services Quality Manual

NIGHT SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/13/2020 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS**:
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Commence removing connection rings (8 – done,4 -- left)
-

Completed:

- Completed removing bottom bars
- Completed removing banding bands TE and CE
- Completed removing axial supports (Gun stocks) on TE
- Completed stripping insulation HVB gas side connections
- Completed assembling sawhorses
- Completed cutting ~ 1" long sections of the affected top and bottom bars from the slots 19,20,39 and 40

3) Deviations from Program and Variances to the Scope:

-

4) Problems / Technical Issues:

- **Had to remove wood planks in front of the CE to get enough room to extract long connection rings**

5) Items for Coordination with Others:

- May need to buy paint stripper(remover) from Home depot or Lowes to remove paint from key bars nuts and threads

6) Parts / Spares / Tooling Issues:

-

7) Actions in order of priority for Next Shift:

- Complete removing connection rings
- Complete removing axial supports (gun stocks) CE
- Reassembly wood planks in front of the CE
- Commence stripping connection rings
- Remove bars from the dance floor
- Commence cleaning core
- Commence cleaning banding bands
- Apply heat source to air side of HVB's in GTE

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

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NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

✠ *Clean core* ✠ *Prep core for partial restack* ✠
10) Comments:
GE Notes:
TECO-POLK Plant Notes:

TAMPA ELECTRIC COMPANY
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OPC'S FIRST REQUEST FOR PODS
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Sizemore, Ashley A.

From:	Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent:	Thursday, July 15, 2021 5:37 PM
To:	Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.
Cc:	Denisov, Yuriy (FieldCore); Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce (FieldCore); Freeman, Samuel (APM); Torres, Oscar (FieldCore)
Subject:	DS Daily Updates During Outages - 07/15
Attachments:	07-15-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile 813-415-4379
Email: Jonathon.Meacham@ge.com
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337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/15/2020 **Shift**: Day	**Shift**: Night
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Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Wiring up 4160 transformer at the LCI
- Stripping connections rings ~ 2 rings are stripped
- Organizing OSR Field procedure books

Completed:

- Removed connection rings
- Powered A/C unit and connected ducting
- Staged Medium consumable kit and T/I kit for pick up
- Removed bars from the dance floor
- Staged light plants to be picked up
- Took "As found" backset dimensions for connection rings ~ all within .5" of drawing

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

7) Actions in order of priority for Next Shift:

- Remove axial supports from CE
- Continue stripping connection rings
- Start stripping and cleaning inner binding bands
- Apply heat source to HVB's in GTE
- Apply paint stripper to TE key bar nuts

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Provide power to sea vans*
- *Build procedure book*
- *Strip connection rings*
- *Clean core*

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DAY SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR

337X011

10) Comments:
GE Notes:
TECO-POLK Plant Notes:

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To:	Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.
Cc:	Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas Power); Lawmaster, Bruce (FieldCore)
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TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

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Day Shift GS: Jon Meacham	
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1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Commence removing paint from key bars thread
- Continue stripping connection rings

Completed:

- Completed removing axial support from CE
- Received skid pan

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

7) Actions in order of priority for Next Shift:

- Continue stripping connection rings
- Commence cleaning core
- Commence cleaning banding bands
- Continue cleaning stator core
- Apply heat source to air side of HVB's in GTE

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Prep core for partial restack*
- *Restack damaged area TE*

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

Sizemore, Ashley A.

From:	Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent:	Friday, July 16, 2021 5:18 PM
To:	Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.
Cc:	Thompson, Brian R (GE Gas Power); Denisov, Yuriy (FieldCore); Shanahan, Michael (FieldCore); Freeman, Samuel (APM); Contreras, Ruben (FieldCore); Torres, Oscar (FieldCore); Lawmaster, Bruce (FieldCore); Hege, Nathan (GE Gas Power)
Subject:	DS - Daily Updates During Outages - 07/16
Attachments:	07-16-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed

Jon Meacham
Generator Specialist TFA

Mobile 813-415-4379
Email: Jonathon.Meacham@ge.com
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a GE company

TAMPA ELECTRIC COMPANY
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DAY SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/16/2020 **Shift**: Day	**Shift**: Night
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Day Shift OJT GS: Bruce Lawmaster	**Night Shift OJT GS:**
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1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Cleaning Stator Core
- Organizing OSR Field procedure books

Completed:

- Stripped connection rings
- Stripped paint from CE key bar nuts
- Placed connection rings in crate and braced them for shipping ~ ready for shipment
- Connected 4160 transformer and main PDU
- Had Sunbelt pick up light plants
- Shipped medium consumables, saw cabinet, T&I kit

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

5) Items for Coordination with Others:

- Get scaffold built over collector cab to access GTE.

6) Parts / Spares / Tooling Issues:

7) Actions in order of priority for Next Shift:

- Get confined space permit for entry into cooler holes to place diapers in belly
- Wash down core
- Continue cleaning stator core
- Housekeeping on deck and around work areas
- Cover connection ring box with tarp.

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Build procedure book*
- *Clean core*
- *Start setting up for core unstacking*

10) Comments:

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DAY SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR
337X011

- *GE Notes:*
- *TECO-POLK Plant Notes:*

Sizemore, Ashley A.

From:	Denisov, Yuriy (FieldCore) <Yuriy.Denisov1@ge.com>
Sent:	Saturday, July 17, 2021 4:16 AM
To:	Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.
Cc:	Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Hege, Nathan (GE Gas Power); Walton, Gary (FieldCore)
Subject:	NS Daily Update During Outages - 07/16
Attachments:	07-16-2021 TECO-Polk_Unit1_Turnover NS.doc

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All,

Please see the attached turnover for work completed .

Thank you,

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TFA- Generator Specialist
FieldCore

M +1 469 925 8815
Yuriy.Denisov1@ge.com

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FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/16/2020 **Shift**: Day	**Shift**: Night
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Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Continue cleaning core (7 slots with duct tape are done)
- Continue housekeeping

Completed:

- Completed compression flange and core measurements As found
- Completed covering connection ring box with tarp
- Completed placing absorbent pads in generator belly
- Completed connecting satellite PDU to main PDU
- Completed removing bottom fillers

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

5) Items for Coordination with Others:

- Get scaffold built over collector cab to access GTE

6) Parts / Spares / Tooling Issues:

7) Actions in order of priority for Next Shift:

- Continue cleaning stator core
- Get signed HV Agreement form for stator rewinding
- Apply heat source to air side of HVB's in GTE
- Check core iron for damages
- Double check compression flange and core measurments

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Prep core for partial restack*
- *Restack damaged area TE*

10) Comments:

GE Notes:

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
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TECO-POLK Plant Notes:

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Cc: Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Freeman, Samuel (APM)
Subject: DS Daily Update During Outages - 07/17
Attachments: 07-17-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Generator Specialist TFA

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Email: Jonathon.Meacham@ge.com
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TECO-Polk - Unit 1 CCSR
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1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Cleaning Stator Core
- Stencil TE key bar studs per CE numbering
- Organizing OSR Field procedure books

Completed:

- Built canopy on dance floor and collector cab
- Staged connection ring box on north side of unit for shipment
- Completed second measurements on compression flange
- Competed new RTD's as found testing

3) Deviations from Program and Variances to the Scope:

- **Lightning delay ~ 4:39pm**

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

-

7) Actions in order of priority for Next Shift:

- Get confined space and hot work permits at the beginning of every shift
- Continue cleaning stator core
- Repair any core iron damage found
- Housekeeping on deck and around work areas

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Build procedure book*
- *Clean core*
- *Start setting up for core unstacking*

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

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Sent: Sunday, July 18, 2021 4:04 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.
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NIGHT SHIFT TURNOVER NOTES

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1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Continue housekeeping

Completed:

- Completed cleaning all slots with simple green and denatured alcohol
- Completed cleaning HV bushing gas side (copper and porcelain)

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

7) Actions in order of priority for Next Shift:

- Check stator core cleaning. Continue cleaning as necessary
- Check core iron for damages. Repair damaged areas as necessary

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Prep core for partial restack*
- *Restack damaged area TE*

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

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Cc: Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Freeman, Samuel (APM)
Subject: DS Daily Update During Outages - 07/18
Attachments: 07-18-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Generator Specialist TFA

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Email: Jonathon.Meacham@ge.com
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337X011

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1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Loosening belly bands
- Building scaffolding over collector cab roof
- Post stripping ELCID
- Organizing OSR Field procedure books

Completed:

- Verified belly band Hytorc components and core compression nuts socket
- Took "As Found" measurements for belly bands ~ data sheet is in raw data folder
- Took "As Found" measurements for packages 1-3 and 67-69
- Performed borescope on CE and TE compression flange
- Staged restack tooling on dance floor
- Cleaned and checked all-thread rods
- Unbrazed, cleaned, and stenciled phase straps

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Fit up issue was found with all-thread and T-blocks. Contacted Cincinnati Tool Center.

7) Actions in order of priority for Next Shift:

- Continue with ELCID
- Place heaters in GTE after scaffold is erected
- Cover gas side HVBs with rubber matting
- Stencil TE key bars in reference with CE
- Housekeeping on deck and around work areas

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR
337X011

✠ *Build procedure book* ✠ *Clean core* ✠ *Start setting up for core unstacking*
10) Comments:
✠ *GE Notes:*
✠ *TECO-POLK Plant Notes:*

Sizemore, Ashley A.

From:	Denisov, Yuriy (FieldCore) <Yuriy.Denisov1@ge.com>
Sent:	Monday, July 19, 2021 4:02 AM
To:	Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.
Cc:	Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Hege, Nathan (GE Gas Power); Walton, Gary (FieldCore)
Subject:	NS Daily Update During Outages - 07/18
Attachments:	07-18-2021 TECO-Polk_Unit1_Turnover NS.pdf

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All,

Please see the attached turnover for work completed .
Lightning delay was from 6:30 pm till 10:00 pm

Thank you,

Yuriy Denisov
TFA- Generator Specialist
FieldCore

M +1 469 925 8815
Yuriy.Denisov1@ge.com

Current Assignment

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

TECO TAMPA ELECTRIC — FieldCore a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/18/2020 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Continue housekeeping

Completed:

- Completed Post Stripping Elcid
- Completed Post Stripping Elcid report (raw data and report are in the box folder)
- Completed grinding/repairing hot spot in Slot1
- Completed covering HV bushing gas side with rubber mats
- Completed stencil Key bars on TE
- Completed placing heater in GTE
- Completed covering clean room with additional tarp white side up

3) Deviations from Program and Variances to the Scope:

- **Lightning delay from 6:30 pm till 10:00 pm**

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

7) Actions in order of priority for Next Shift:

- Cut plugs from duct board and place into air ventilation holes TE and CE
- Continue loosening belly bands

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Prep core for partial restack*
- *Restack damaged area TE*

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From:	Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent:	Monday, July 19, 2021 5:24 PM
To:	Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.
Cc:	Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Freeman, Samuel (APM)
Subject:	DS Daily Update During Outages - 07/19
Attachments:	07-19-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/18/2020 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Loosening belly bands

Completed:

- Inventoried, Paired, and placed end winding caps in short self-life
- Inventoried chemicals and placed in short shelf-life
- Received Hytorc tooling for core compression nuts
- Disconnected slot coupler leads

3) Deviations from Program and Variances to the Scope:

- **Lightning stand down ~ 12:05 – 2:19pm, 3:10 – 4:00pm**

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

-

7) Actions in order of priority for Next Shift:

- Function check Hytorcs
- Housekeeping on deck and around work areas

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Start setting up for core unstacking*

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

Sizemore, Ashley A.

From:	Denisov, Yuriy (FieldCore) <Yuriy.Denisov1@ge.com>
Sent:	Monday, July 19, 2021 9:32 PM
To:	Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.
Cc:	Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Hege, Nathan (GE Gas Power); Walton, Gary (FieldCore)
Subject:	NS Daily Update During Outages - 07/19
Attachments:	07-19-2021 TECO-Polk_Unit1_Turnover NS.pdf

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All,

Please see the attached turnover for work completed .
Lightning delay was from 8:15 pm

Thank you,

Yuriy Denisov
TFA- Generator Specialist
FieldCore

M +1 469 925 8815
Yuriy.Denisov1@ge.com

Current Assignment

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

TECO TAMPA ELECTRIC — FieldCore a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/19/2020 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Continue housekeeping

Completed:

- Completed placed tarp over scaffold on TE to protect tool boxes
- Completed Hitorque operating – Good
- Completed fabricating needles for resiglass tying
- Secure low compartment tarp TE

3) Deviations from Program and Variances to the Scope:

- **Lightning start from 8:15 pm**

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

7) Actions in order of priority for Next Shift:

- Continue receiving tools and parts
- Continue housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding Items (to complete at next opportunity) in order of priority:

- *Prep core for partial restack*
- *Restack damaged area TE*

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From:	Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent:	Tuesday, July 20, 2021 5:37 PM
To:	Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.
Cc:	Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Freeman, Samuel (APM)
Subject:	DS Daily Updates During Outages - 07/20
Attachments:	07-20-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
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a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
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FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

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a GE company

GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/20/2020 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Loosening belly bands
- Installing all-thread into core slots

Completed:

- To "As Found" knife check measurements on inboard diameter
- Performed break away torque on TE key bar nuts 12, 4, 8, 15
- Picked up insulation board for OSB shipping
- Received new all-thread from tool center
- Installed ¾-10 all-thread in to slots with pull plates on TE OSB's.

3) Deviations from Program and Variances to the Scope:

- **Lightning stand down ~ 4:00pm to end of day shift**

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

-

7) Actions in order of priority for Next Shift:

- Install new all-thread and T-Blocks
- Finish setting up for unstacking
- Remove compression flange
- Housekeeping on deck and around work areas

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Finish setting up for core unstacking*

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
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DAY SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR
337X011

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
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FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From:	Denisov, Yuriy (FieldCore) <Yuriy.Denisov1@ge.com>
Sent:	Wednesday, July 21, 2021 4:37 AM
To:	Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.
Cc:	Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Hege, Nathan (GE Gas Power); Walton, Gary (FieldCore)
Subject:	NS Daily Update During Outages - 07/20
Attachments:	07-20-2021 TECO-Polk_Unit1_Turnover NS.pdf

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All,

Please see the attached turnover for work completed .
Lightning delay 2 hours was from 6:00 pm till 8:00 pm

Thank you,

Yuriy Denisov
TFA- Generator Specialist
FieldCore

M +1 469 925 8815
Yuriy.Denisov1@ge.com

Current Assignment

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

TECO TAMPA ELECTRIC — FieldCore a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/20/2020 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Continue housekeeping
- Commence installing all-thread with UT-blocks.(15 are installed and 15 are prepped for installation)
- Commence removing compression flange nuts (11 are removed, 4 are in the place holding compression plate)
-

Completed:

- Completed prepping all-thread rods
- Completed brake away rest of the key nuts.
- Completed installing compression flange removal Rail.

3) Deviations from Program and Variances to the Scope:

- **Lightning delay 2 hours. Started from 6:00 pm till 8 :00 pm**

4) Problems / Technical Issues:

- **Had to use 3,5" socket for key bar nuts # 5 and 6**

5) Items for Coordination with Others:

-

6) Parts / Spares / Tooling Issues:

-

7) Actions in order of priority for Next Shift:

- Continue receiving tools and parts
- Continue housekeeping
- Continue removing compression flange and key bars
- Remove OSSB TE and prep them for shipping
- Replace all-treads OSSB to OSSB with UT-block style
- Commence unstacking core iron packages 67,68 and 69

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

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FieldCore a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

✠ *Unstack damaged area TE* ✠ *Check key bars* ✠ *Place new lamination*
10) Comments:
GE Notes:
TECO-POLK Plant Notes:

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From:	Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent:	Wednesday, July 21, 2021 5:28 PM
To:	Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.
Cc:	Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Freeman, Samuel (APM)
Subject:	DS Daily Updates During Outages - 07/21
Attachments:	07-21-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
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GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/21/2020 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Loosening belly bands
- Unstacking core laminations

Completed:

- Removed last four key bar nuts
- Removed compression flange
- Removed OSB and boxed them up for shipment
- Shipped connection rings

3) Deviations from Program and Variances to the Scope:

- **Lightning stand down ~ 3:40pm to 4:22pm**

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

-

7) Actions in order of priority for Next Shift:

- Check key bar five and six nuts for dimensions
- Continue unstacking core iron
- Continue separating damaged slots core iron from the rest for customer
- Place tarp over OSB box
- Housekeeping on deck and around work areas

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Continue unstacking core iron.*

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
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GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR
337X011

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From:	Denisov, Yuriy (FieldCore) <Yuriy.Denisov1@ge.com>
Sent:	Thursday, July 22, 2021 4:13 AM
To:	Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.
Cc:	Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Hege, Nathan (GE Gas Power); Walton, Gary (FieldCore)
Subject:	NS Daily Update During Outages - 07/21
Attachments:	07-21-2021 TECO-Polk_Unit1_Turnover NS.pdf

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All,

Please see the attached turnover for work completed .

Thank you,

Yuriy Denisov
TFA- Generator Specialist
FieldCore

M +1 469 925 8815
Yuriy.Denisov1@ge.com

Current Assignment

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
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TECO TAMPA ELECTRIC

FieldCore a GE company

GE Power Services Quality Manual

NIGHT SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/21/2020 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Continue housekeeping
- Commence cleaning ISSB and laminations

Completed:

- Completed removing lamination packages 67,68 and 69 TE
- Completed retorque all-threads at 150 ft/lb
- Completed covering OSSB box with plastic
- Completed removing, separating and labeling ISSB. Left them on the bench

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

- **Had to use 3,5" socket for key bar nuts # 5 and 6**

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

7) Actions in order of priority for Next Shift:

- Continue receiving tools and parts
- Continue housekeeping
- Continue cleaning and inspecting key bars and core lamination
- Commence stacking new core iron lamination
- Check key bar five and six nuts for dimensions
- May need to order more Kevlar arm sleeving from tool center

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Check key bars*
- *Place new lamination*

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From:	Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent:	Thursday, July 22, 2021 5:14 PM
To:	Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.
Cc:	Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Freeman, Samuel (APM)
Subject:	DS Daily Updates During Outages - 07/22
Attachments:	07-21-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for worked completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/21/2020 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Loosening belly bands
- Unstacking core laminations

Completed:

- Removed last four key bar nuts
- Removed compression flange
- Removed OSB and boxed them up for shipment
- Shipped connection rings

3) Deviations from Program and Variances to the Scope:

- **Lightning stand down ~ 3:40pm to 4:22pm**

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

-

7) Actions in order of priority for Next Shift:

- Check key bar five and six nuts for dimensions
- Continue unstacking core iron
- Continue separating damaged slots core iron from the rest for customer
- Place tarp over OSB box
- Housekeeping on deck and around work areas

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Continue unstacking core iron.*

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
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GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From:	Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent:	Friday, July 23, 2021 10:20 AM
To:	Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.
Cc:	Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Freeman, Samuel (APM)
Subject:	RE: DS Daily Updates During Outages - 07/22
Attachments:	07-22-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

I have attached the correct day shift turnover for 7/22.

Respectfully,

Jon Meacham
Generator Specialist TFA

Mobile. 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

From: Meacham, Jonathon (FieldCore)
Sent: Thursday, July 22, 2021 5:14 PM
To: 'Crotts, Mary' <MECrotts@tecoenergy.com>; 'Dilport, Nate' <NDilport@tecoenergy.com>; 'Hall, Brian L.' <blhall@tecoenergy.com>; 'Kennedy, Ronald R.' <rrkennedy@tecoenergy.com>; 'LMCCLAIN@TECOENERGY.COM'; 'Lozano, Jhonnathan' <jxlozano@tecoenergy.com>; 'Parker, Gary D.' <GParker@tecoenergy.com>; 'Peterson, Robert R.' <RRPeterson@tecoenergy.com>; 'Richardson, Eric B.' <ebrichardson@tecoenergy.com>; 'Rivera, Raul' <RRivera@tecoenergy.com>; 'tamills@tecoenergy.com'; 'Torbert, Justin D.' <JDTorbert@tecoenergy.com>
Cc: Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>; Denisov, Yuriy (FieldCore) <Yuriy.Denisov1@ge.com>; Thompson, Brian R (GE Gas Power) <brian1.thompson@ge.com>; Hege, Nathan (GE Gas Power) <Nathan.Hege@ge.com>; Lawmaster, Bruce (FieldCore) <Bruce.Lawmaster@ge.com>; Torres, Oscar (FieldCore) <Oscar.Torres@ge.com>; Freeman, Samuel (APM) <samuel.freeman@apmdelivers.com>
Subject: DS Daily Updates During Outages - 07/22

All,

Please see attached turnover for worked completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/22/2020 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Inside space block cleaning
- Generator core slot cleaning / blow down

Completed:

- Removed shim packs from belly bands
- Shipped Outside Space Blocks
- Cleaned compression flange mating surface, inspected, and applied Teflon
- Cleaned and chased all key bar threads
- Ordered 3/8" stock for vent slot shims
- Further inspected iron for more damage
- Removed laminations from dance floor
- Modified wedges for back of core wedges
- Received new core irons ~ located in maintenance shop
- Received new Flux Probe ~ located on bottom self in engineering trailer

3) Deviations from Program and Variances to the Scope:

- **Lightning stand down ~ 2:54 to Shift end**

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

-

7) Actions in order of priority for Next Shift:

- Clean inside space blocks that are held with the T-blocks and apply A50A299
- Clean generator core / blow down
- Housekeeping on deck and around work areas

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

FieldCore
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GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

✱ *Continue unstacking core iron.*
10) Comments:
GE Notes:
TECO-POLK Plant Notes:

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From:	Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent:	Friday, July 23, 2021 2:33 PM
To:	Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.
Cc:	Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Freeman, Samuel (APM)
Subject:	DS Daily Updates During Outages - 07/23
Attachments:	07-23-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Jon Meacham
Generator Specialist TFA

Mobile 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

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a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/23/2020 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

-

Completed:

- Parts inventory of core laminations
- Secured unit and site area for weather over the weekend

3) Deviations from Program and Variances to the Scope:

- **Lightning stand down ~ 11:10am – 12:15pm, 1:30pm – 2:00pm**
- **Due to parts delay we will not be working the weekend and will resume work Monday 07-26-2021 @ 7:00am**

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Waiting for core iron parts to continue with stacking

7) Actions in order of priority for Next Shift:

-

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

-

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From:	Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent:	Monday, July 26, 2021 4:54 PM
To:	Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.
Cc:	Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce (FieldCore); Illgen, Scott (APM)
Subject:	DS Daily Updates During Outages - 07/24
Attachments:	07-24-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/24/2020 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Cleaning of core iron vent ducts

Completed:

- Moved box of core laminations to deck inside tent with part 2's and group 2's
- Removed excess material from inside space blocks and painted them
- Installed core compression clamps on key bars
- Received bottle brushes for core vent duct cleaning
- Removed RTV from TE RTD tube
- Loto PPS-60 was released on our end
- Spoke with engineering over parts for remainder of work scope

3) Deviations from Program and Variances to the Scope:

- **Lightning stand-down ~ 13:45 – 15:45**
-

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Waiting for core iron parts to continue with stacking ~ Spoke with engineering regarding parts.

7) Actions in order of priority for Next Shift:

- Continue cleaning of core vent slots with bottle brushes

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR
337X011

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent: Tuesday, July 27, 2021 2:44 PM
To: Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.
Cc: Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce (FieldCore); Illgen, Scott (APM)
Subject: RE: DS Daily Update During Outages - 07/27
Attachments: 07-27-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Jon Meacham
Generator Specialist TFA

Mobile 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

From: Meacham, Jonathon (FieldCore)
Sent: Tuesday, July 27, 2021 2:26 PM
To: 'Crotts, Mary' <MECrotts@tecoenergy.com>; 'Dilport, Nate' <NDilport@tecoenergy.com>; 'Hall, Brian L.' <blhall@tecoenergy.com>; 'Kennedy, Ronald R.' <rrkennedy@tecoenergy.com>; 'LMCCLAIN@TECOENERGY.COM'; 'Lozano, Jhonnathan' <jxlozano@tecoenergy.com>; 'Parker, Gary D.' <GParker@tecoenergy.com>; 'Peterson, Robert R.' <RRPeterson@tecoenergy.com>; 'Richardson, Eric B.' <ebrichardson@tecoenergy.com>; 'Rivera, Raul' <RRivera@tecoenergy.com>; 'tamills@tecoenergy.com'; 'Torbert, Justin D.' <JDTorbert@tecoenergy.com>
Cc: Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>; Denisov, Yuriy (FieldCore) <Yuriy.Denisov1@ge.com>; Thompson, Brian R (GE Gas Power) <brian1.thompson@ge.com>; Hege, Nathan (GE Gas Power) <Nathan.Hege@ge.com>; Lawmaster, Bruce (FieldCore) <Bruce.Lawmaster@ge.com>; Illgen, Scott (APM) <scott.illgen@apmdelivers.com>
Subject: DS Daily Update During Outages - 07/25

All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham

Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/27/2020 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night:** David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Cleaning of core

Completed:

- Core vent slot cleaning
- Wiped down core with alcohol then blew down with air
- Cover main PDU with plywood to prevent rainwater build up
- Removed damaged laminations from deck and placed in maintenance shop for customer
- Received the remainder of the core shims
- Worked 8-hour shift

3) Deviations from Program and Variances to the Scope:

- **Lightning stand-down**

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Waiting for core iron parts to continue with stacking
- Spoke with engineering regarding outstanding parts.
- Factory said the ISSB and OSSB will be shipped end of day 07/30/2021.

7) Actions in order of priority for Next Shift:

- Wipe belly of generator through cooler door access.

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Start stacking package 67 on 7/31/2021 in preparation of remainder of the parts arrival.*
- *Day shift will install fiber board on clean room tent*
- *Build tie cart*

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

GE PROPRIETARY
UNCONTROLLED WHEN PRINTED

Sizemore, Ashley A.

From:	Denisov, Yuriy (FieldCore) <Yuriy.Denisov1@ge.com>
Sent:	Tuesday, July 27, 2021 1:38 AM
To:	Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.
Cc:	Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Hege, Nathan (GE Gas Power); Walton, Gary (FieldCore)
Subject:	NS Daily Update During Outages - 07/26
Attachments:	07-26-2021 TECO-Polk_Unit1_Turnover NS.pdf

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All,

Please see the attached turnover for work completed .
Worked 8 hours shift

Thank you,

Yuriy Denisov
TFA- Generator Specialist
FieldCore

M +1 469 925 8815
Yuriy.Denisov1@ge.com

Current Assignment

TECO TAMPA ELECTRIC

FieldCore a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/26/2020 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Continue housekeeping
- Continue cleaning of core vent slots with bottle brush and positron (~ 70% done)

Completed:

- Worked 8 hours shift

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

-

5) Items for Coordination with Others:

-

6) Parts / Spares / Tooling Issues:

-

7) Actions in order of priority for Next Shift:

- Continue receiving tools and parts
- Continue housekeeping
- Continue cleaning of the core vent slots with positron
- Clean core with DA and/or Acetone

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Place new lamination*

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

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Sent:	Tuesday, July 27, 2021 2:26 PM
To:	Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.
Cc:	Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce (FieldCore); Illgen, Scott (APM)
Subject:	DS Daily Update During Outages - 07/25
Attachments:	07-25-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

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a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/25/2020 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Cleaning of core

Completed:

- Core vent slot cleaning
- Wiped down core with alcohol then blew down with air
- Cover main PDU with plywood to prevent rainwater build up
- Removed damaged laminations from deck and placed in maintenance shop for customer
- Received the remainder of the core shims
- Worked 8-hour shift

3) Deviations from Program and Variances to the Scope:

- **Lightning stand-down**

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Waiting for core iron parts to continue with stacking
- Spoke with engineering regarding outstanding parts.
- Factory said the ISSB and OSSB will be shipped end of day 07/30/2021.

7) Actions in order of priority for Next Shift:

- Wipe belly of generator through cooler door access.

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Start stacking package 67 on 7/31/2021 in preparation of remainder of the parts arrival.*
- *Day shift will install fiber board on clean room tent*
- *Build tie cart*

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

GE PROPRIETARY
UNCONTROLLED WHEN PRINTED

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From:	Denisov, Yuriy (FieldCore) <Yuriy.Denisov1@ge.com>
Sent:	Tuesday, July 27, 2021 10:58 PM
To:	Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.
Cc:	Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Hege, Nathan (GE Gas Power); Walton, Gary (FieldCore)
Subject:	NS Daily Update During Outages - 07/27
Attachments:	07-27-2021 TECO-Polk_Unit1_Turnover NS.pdf

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All,

Please see the attached turnover for work completed .
Worked 8 hours shift

Thank you,

Yuriy Denisov
TFA- Generator Specialist
FieldCore

M +1 469 925 8815
Yuriy.Denisov1@ge.com

Current Assignment

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

TECO TAMPA ELECTRIC

FieldCore a GE company

GE Power Services Quality Manual

NIGHT SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/27/2020 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Continue housekeeping

Completed:

- Worked 8 hours shift
- Completed cleaning of core vent slots with positron and Denatured Alcohol
- Completed wiping belly of generator through cooler door access.
- Completed testing two speed torch boxes. All are good.

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

-

5) Items for Coordination with Others:

-

6) Parts / Spares / Tooling Issues:

-

7) Actions in order of priority for Next Shift:

- Continue receiving tools and parts
- Continue housekeeping
- Install fiber board on clean room tent
- Build tie cart

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding Items (to complete at next opportunity) in order of priority:

- *Place new lamination*

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From:	Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent:	Wednesday, July 28, 2021 2:36 PM
To:	Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.
Cc:	Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Shanahan, Michael (FieldCore); Lawmaster, Bruce (FieldCore); Denisov, Yuriy (FieldCore); Illgen, Scott (APM)
Subject:	DS Daily Update During Outages - 07/28
Attachments:	07-28-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/28/2020 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Housekeeping

Completed:

- Received materials from Gerome, Rocky, and GE parts
- Installed insulation boards on clean room
- Inventoried lamination part #2, #8, and #5
- Worked 8-hour shift

3) Deviations from Program and Variances to the Scope:

- **Lightning stand-down 11:10 – 1:00pm**

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Waiting for core iron parts to continue with stacking
- Spoke with engineering regarding outstanding parts.
- Factory said the ISSB and OSSB will be shipped end of day 07/30/2021.

7) Actions in order of priority for Next Shift:

- Inventory parts received today ~ located in Mike's van and move to SSL.
- Check clearance between CE OSSB and compression flange at six o'clock inside cooler access hole with feeler gauge.

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Start stacking package 67 on 7/31/2021 in preparation of remainder of the parts arrival.*
- *Build tie cart*

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From:	Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent:	Thursday, July 29, 2021 1:37 PM
To:	Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.
Cc:	Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Lawmaster, Bruce (FieldCore); Denisov, Yuriy (FieldCore); Illgen, Scott (APM)
Subject:	DS Daily Update During Outages - 07/29
Attachments:	07-29-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Michael Shanahan
PM – Regional Generator Specialist
FieldCore

M +1 813 928 3581
Michael.Shanahan1@ge.com

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/29/2021 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night:** David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Housekeeping

Completed:

- Performed electrical testing on HVB's Satisfactory
- Modified Temp wood

3) Deviations from Program and Variances to the Scope:

- **Lightning stand-down**

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Waiting for core iron parts to continue with stacking
- Spoke with engineering regarding outstanding parts.
- Factory said the ISSB and All OSSB will be shipped end of day 07/30/2021.
- Connection rings to be shipped 8/6/2021

7) Actions in order of priority for Next Shift:

- Night clean & cut old 90 mil filler for rewind

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Start stacking package 67 on 7/31/2021 in preparation of remainder of the parts arrival.*
- *Build tie cart*

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Denisov, Yuriy (FieldCore) <Yuriy.Denisov1@ge.com>
Sent: Thursday, July 29, 2021 11:11 PM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@tecoenergy.com'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.
Cc: Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Hege, Nathan (GE Gas Power); Walton, Gary (FieldCore)
Subject: NS Daily Update During Outages - 07/29
Attachments: 07-29-2021 TECO-Polk_Unit1_Turnover NS.pdf

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All,

Please see the attached turnover for work completed .
Worked 8 hours shift

Thank you,

Yuriy Denisov
TFA- Generator Specialist
FieldCore

M +1 469 925 8815
Yuriy.Denisov1@ge.com

Current Assignment

TECO TAMPA ELECTRIC

FieldCore a GE company

GE Power Services Quality Manual

NIGHT SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/29/2020 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Continue housekeeping

Completed:

- Worked 8 hours shift
- Completed cutting and cleaning .090" fillers
-

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

-

5) Items for Coordination with Others:

-

6) Parts / Spares / Tooling Issues:

-

7) Actions in order of priority for Next Shift:

- Continue receiving and inventorying incoming tools and parts
- Continue housekeeping
-

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding Items (to complete at next opportunity) in order of priority:

- *Place new lamination*

10) Comments:

- *GE Notes:*
-
- *TECO-POLK Plant Notes:*

Sizemore, Ashley A.

From:	Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent:	Friday, July 30, 2021 4:02 PM
To:	Denisov, Yuriy (FieldCore); Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@tecoenergy.com'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.
Cc:	Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Hege, Nathan (GE Gas Power); Walton, Gary (FieldCore)
Subject:	DS Daily Update During Outages - 07/30
Attachments:	07-30-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All
Please see the attached turnover for work completed .

Michael Shanahan
PM – Regional Generator Specialist
FieldCore

M +1 813 928 3581
Michael.Shanahan1@ge.com

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/30/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night:** David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Housekeeping

Completed:

- Post Megger completed, Placed 220 vac heater in GTE reading 29.6G
- Fabricated pressing boards for TE
- Posted new core drawing on TE
- Completed restack sign off sheets

3) Deviations from Program and Variances to the Scope:

- **Lightning stand-down**

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Waiting for core iron parts to continue with stacking
- Spoke with engineering regarding outstanding parts.
- Factory said the ISSB and All OSSB shipped @ 1415 today.
- Connection rings to be shipped 8/6/2021
- Requesting Stator Bars on-site 8/6/2021

7) Actions in order of priority for Next Shift:

- Continue setup for restacking

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Start stacking package 67 on 7/31/2021 in preparation of remainder of the parts arrival.*
- *Build tie cart*

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Denisov, Yuriy (FieldCore) <Yuriy.Denisov1@ge.com>
Sent: Friday, July 30, 2021 11:16 PM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Nelson, Patrick A.; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@tecoenergy.com'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.
Cc: Shanahan, Michael (FieldCore); Menetre, Kevin (GE Gas Power); Foley, Vince (GE Gas Power); Lawmaster, Bruce (FieldCore); Torres, Oscar (FieldCore); Hege, Nathan (GE Gas Power); Walton, Gary (FieldCore)
Subject: RE: NS Daily Update During Outages - 07/30
Attachments: 07-30-2021 TECO-Polk_Unit1_Turnover NS.pdf

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All,

Please see the attached turnover for work completed .
Worked 8 hours shift

Thank you,

Yuriy Denisov
TFA- Generator Specialist
FieldCore

M +1 469 925 8815
Yuriy.Denisov1@ge.com

Current Assignment

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

TECO TAMPA ELECTRIC

FieldCore a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/30/2020 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Continue housekeeping
- Continue setup for restacking

Completed:

- Worked 8 hours shift

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

-

5) Items for Coordination with Others:

-

6) Parts / Spares / Tooling Issues:

-

7) Actions in order of priority for Next Shift:

- Continue receiving and inventorying incoming tools and parts
- Continue housekeeping
- Commence restacking package 67

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Place new lamination*

10) Comments:

- *GE Notes:*
-
- *TECO-POLK Plant Notes:*

Sizemore, Ashley A.

From:	Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent:	Saturday, July 31, 2021 11:38 AM
To:	Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.
Cc:	Baldassarre, Erich L (GE Gas Power); Smith, Amy(GE Gas Power); Lawmaster, Bruce (FieldCore); Meacham, Jonathon (FieldCore); Denisov, Yuriy (FieldCore); Draina, Kevin (GE Gas Power); Burton, Kristie (GE Gas Power); Villani, Michael (GE Gas Power); Cannavo, Salvatore S (GE Gas Power); Carlson, Brian P (GE Gas Power)
Subject:	ISSB & OSSB arrived 1100

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Michael Shanahan
PM – Regional Generator Specialist
FieldCore

M +1 813 928 3581
Michael.Shanahan1@ge.com

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From:	Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent:	Saturday, July 31, 2021 5:08 PM
To:	Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.
Cc:	Shanahan, Michael (FieldCore); Denisov, Yuriy (FieldCore); Lawmaster, Bruce (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM)
Subject:	DS Daily Updates During Outages - 07/31
Attachments:	07-31-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 07/31/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Yuriy Denisov
Day Shift GS: Jon Meacham	
Day Shift OJT GS: Bruce Lawmaster	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Stacking core

Completed:

- Moved all-threads to every other slot for restacking
- Stacking packages 67
- Installed second set of group 2 ISSB's
- Received new ISSB's and refurbished OSSB's
- Inspected and inventoried ISSB's and OSSB's
- Moved up remaining lamination boxes to dance floor

3) Deviations from Program and Variances to the Scope:

- **Lightning stand-down**

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Waiting for core iron parts to continue with stacking
- Spoke with engineering regarding outstanding parts.
- Factory said the ISSB and All OSSB shipped @ 1415 today.
- Connection rings to be shipped 8/6/2021
- Requesting Stator Bars on-site 8/6/2021

7) Actions in order of priority for Next Shift:

- Continue stacking 68
- Move T-blocks and apply additional torque
- If time allows start stacking 69

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Stage bake ovens and test*
- *Build tie cart*

10) Comments:

GE PROPRIETARY
UNCONTROLLED WHEN PRINTED

FieldCore
a GE company

GE Power Services Quality Manual

DAY SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR
337X011

- *GE Notes:*
- *TECO-POLK Plant Notes*:

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent: Sunday, August 1, 2021 6:55 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.
Cc: Denisov, Yuriy (FieldCore); Lawmaster, Bruce (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Rymarz, Mark (FieldCore)
Subject: NS Daily Updates During Outages - 07/31

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Yuriy had to leave for family reasons, Jon. Meacham will be changing over to Night Shift until Mark Rymarz arrives. Mark is currently travelling.
Last night we continued restacking and aligning package 67.
Today we will continue to restack package 68.
No deliveries scheduled for today.
Safety topic last night was Fire prevention
Covid test results were Neg for the DS site safety, still not feeling well. Was going to see a doctor yesterday. Will follow up this morning to check how he is doing

Michael Shanahan
PM – Regional Generator Specialist
FieldCore

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Michael.Shanahan1@ge.com

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent: Saturday, July 31, 2021 5:08 PM
To: 'Crotts, Mary' <MECrotts@tecoenergy.com>; 'Dilport, Nate' <NDilport@tecoenergy.com>; 'Hall, Brian L.' <blhall@tecoenergy.com>; 'Kennedy, Ronald R.' <rrkennedy@tecoenergy.com>; 'LMCCLAIN@TECOENERGY.COM'; 'Lozano, Jhonnathan' <jxlozano@tecoenergy.com>; 'Parker, Gary D.' <GParker@tecoenergy.com>; 'Peterson, Robert R.' <RRPeterson@tecoenergy.com>; 'Richardson, Eric B.' <ebrichardson@tecoenergy.com>; 'Rivera, Raul' <RRivera@tecoenergy.com>; 'tamills@tecoenergy.com'; 'Torbert, Justin D.' <JDTorbert@tecoenergy.com>
Cc: Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>; Denisov, Yuriy (FieldCore) <Yuriy.Denisov1@ge.com>; Lawmaster, Bruce (FieldCore) <Bruce.Lawmaster@ge.com>; Thompson, Brian R (GE Gas Power) <brian1.thompson@ge.com>; Hege, Nathan (GE Gas Power) <Nathan.Hege@ge.com>; Illgen, Scott (APM) <scott.illgen@apmdelivers.com>
Subject: DS Daily Updates During Outages - 07/31

All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

Sizemore, Ashley A.

From:	Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent:	Sunday, August 1, 2021 4:29 PM
To:	Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.
Cc:	Denisov, Yuriy (FieldCore); Lawmaster, Bruce (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Walton, Gary (FieldCore); Rymarz, Mark (FieldCore)
Subject:	DS Daily Updates During Outages - 08/1
Attachments:	08-1-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Michael Shanahan
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Michael.Shanahan1@ge.com

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/1/2021 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Jon Meacham
Day Shift GS:	Mark Rymarz
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night:** David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Stacking core

Completed:

- Verified Alignment of package 67
- Completed stacking package 68
- Verified alignment (Sides & Bottom of slots) had to adjust the bottom half
- Assembled G2 ISSB
- Repositioned all thread & UT blocks & torque 150 Ft.lbs
- Core measurement 164.3125 (1-68 packages)
- Started stacking package 69 (Solid punching's) 1.09" / 76 Layers

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

5) Items for Coordination with Others:

Mark Rymarz travelling to replace Yuriy on Night Shift
Jon Meacham Supporting Night Shift tonight

6) Parts / Spares / Tooling Issues:

- Waiting for core iron parts to continue with stacking
- Spoke with engineering regarding outstanding parts.
- Factory said the ISSB and All OSSB shipped @ 1415 today.
- Connection rings to be shipped 8/6/2021
- Requesting Stator Bars on-site 8/6/2021

7) Actions in order of priority for Next Shift:

- Continue stacking 69 (Divided in half solid punching's/ slit punching's)
- After 76 layers change punching's to Pt 6 Slit punching's
- Slit punching's 73 layers then add 3 layers of P3 (total layers 76) 2nd half of package 69
- Verify alignment (Sides / Bottom) assemble ISSB move UT Blocks & Torque

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Stage bake ovens and test (Monday 8/2/2021)
- Build tie cart

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

GE PROPRIETARY
UNCONTROLLED WHEN PRINTED

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent: Wednesday, August 4, 2021 4:20 PM
To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore)
Subject: DS Update 8.4.201 TECO Polk
Attachments: 08-4-2021 TECO-Polk_Unit1_Turnover DS.pdf

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TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
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GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/4/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS**:
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Stacking core

Completed:

- Verified all Package alignments
- Repositioned outside clamps to compress OD
- Installed all thread with plates to pull in the OSSB's, Core length prior to flange installed 168.56"
- Performed housekeeping & straighten up the deck
-

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Standdown – 0700- 0900

5) Items for Coordination with Others:

EDE = Core ring test setup 8/9 – 8/10 test 8/10- 8/11

6) Parts / Spares / Tooling Issues:

- Continued working on rewind parts.
- Axial supports CE & TE shipping this Friday 8/6/2021
- Connection rings to be on-site 8/6/2021
- Stator Bars on-site 8/7/2021 (4 boxes)
- IRIS Slot Couplers delivered
- Anti-rotation pins for H2 seal delivered

7) Actions in order of priority for Next Shift:

- Blow out core
- Assemble Rail for assembling Core Compression Flange
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed baking core & Final torquing 3000 Ft.Lbs

9) Outstanding items (to complete at next opportunity) in order of priority:

- Stage bake ovens and test weather permitting
-

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent: Friday, August 6, 2021 5:57 PM
To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Subject: DS Update 8.6.2021 TECO Polk
Attachments: 08-6-2021 TECO-Polk_Unit1_Turnover DS.pdf

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TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
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GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/6/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS**:
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Stacking core

Completed:

- Completed initial torque of CCF to 3000 ft.lbs
- Performed Knife checks ID & OD satisfactorily
- Placed Bake Ovens on scaffolding & Deck
- Routed the Bake Oven cables
- Air monitor left inside coolers

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Standdown –

5) Items for Coordination with Others:

EDE = Core ring test setup 8/9 – 8/10 test 8/10- 8/11

6) Parts / Spares / Tooling Issues:

- Continued working on rewind parts.
- Axial supports CE & TE shipping this Friday 8/6/2021
- Connection rings to be on-site 8/7/2021
- Astro Chemicals shipped

7) Actions in order of priority for Next Shift:

- Recheck the CCF at 3000 ft.lbs
- Measure the core Top, Bot, left, right
- Install TC
- Install duct boards
- Start the bake

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed baking core & Final torquing 3000 Ft.Lbs

9) Outstanding items (to complete at next opportunity) in order of priority:

- Stage bake ovens and test weather permitting
-

10) Comments:

- *GE Notes:* Jon Meacham will be rolling back to Day Shift
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent: Saturday, August 7, 2021 4:59 PM
To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Subject: DS Update 8.7.2021 TECO Polk
Attachments: 08-7-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Michael Shanahan
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Michael.Shanahan1@ge.com

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
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GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/7/2021 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night:** David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Stacking core

Completed:

- Started 0730 @220C
- Adjusted CE oven to 190C
- Adjusted TE oven to 180C

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Standdown –

5) Items for Coordination with Others:

EDE = Core ring test setup 8/9 – 8/10 test 8/10- 8/11

6) Parts / Spares / Tooling Issues:

- Continued working on rewind parts.
- Axial supports CE & TE shipping this Friday 8/6/2021
- Connection rings to be on-site 8/7/2021
- Astro Chemicals shipped

7) Actions in order of priority for Next Shift:

- Continue baking Max temp 150C

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed baking core & Final torquing 3000 Ft.Lbs

9) Outstanding items (to complete at next opportunity) in order of priority:

- Stage bake ovens and test weather permitting
-

10) Comments:

- *GE Notes:* Jon Meacham will be rolling back to Day Shift
- *TECO-POLK Plant Notes:*

GE PROPRIETARY
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Sizemore, Ashley A.

From:	Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent:	Tuesday, August 10, 2021 5:24 PM
To:	Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Subject:	DS Update 8.10.2021 TECO Polk
Attachments:	08-10-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Michael Shanahan
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TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/10/2021 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night:** David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- core ring test

Completed:

- Received MSD Astro G5
- Received Junction box
- Received Wedges
- Received roven tie 1 missing still in Memphis
- Started Core ring test @ 1500
- Inventorying material
- Changing out AC Unit

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Stand Down:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind

7) Actions in order of priority for Next Shift:

- Continue Core ring test.
- Cut down temp wood to 3.5". Box is under shelf label Not ripped
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:
Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 Ft.Lbs. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

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DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From:	Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent:	Monday, August 2, 2021 2:36 AM
To:	Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.
Cc:	Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Ryman, John F (GE Gas Power); Rymarz, Mark (FieldCore); Nelson, Patrick A.
Subject:	NS Daily Update During Outages - 08/01
Attachments:	08-1-2021 TECO-Polk_Unit1_Turnover NS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

TECO TAMPA ELECTRIC AN EMERA COMPANY

FieldCore a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/1/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Jon Meacham
Day Shift GS:	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Housekeeping
- Stacking core

Completed:

- Painted G3 ISSB's
- Installed layers 45 – 62 on package 69
- Removed seven layers for parts inspection current layer installed is 55.

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

-

5) Items for Coordination with Others:

-

6) Parts / Spares / Tooling Issues:

- Defects were found on new core laminations. PAC case was submitted high priority to engineering for review and deposition on issue.

7) Actions in order of priority for Next Shift:

- Contact engineering for resolution of PAC case submitted

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Place new lamination*
- *Stage bake oven and test*
- *Build tie cart*

10) Comments:

- *GE Notes:*
-
- *TECO-POLK Plant Notes:*

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent: Monday, August 2, 2021 9:41 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Fowler, Bill R.
Cc: Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Ryman, John F (GE Gas Power); Rymarz, Mark (FieldCore); Nelson, Patrick A.; Baldassarre, Erich L (GE Gas Power)
Subject: RE: NS Daily Update During Outages - 08/01

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ER-20210802-0058 New core iron lamination insulation defects

Received the OK from engineering to use the punching's. The following guidelines were provided:

1) Inspect each lamination, if defect exposes the metal of the lamination set side.
2) Use the punching's 1st that have no exposed metal.
3) Ensure the punching's are stack so that the defects don't lineup over each other. The defects are only present on 1 side of the lamination, so the side that has a defect will lay against the side that has no defect.

Michael Shanahan
PM – Regional Generator Specialist
FieldCore

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Michael.Shanahan1@ge.com

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent: Monday, August 2, 2021 2:36 AM
To: 'Crotts, Mary' <MECrotts@tecoenergy.com>; 'Dilport, Nate' <NDilport@tecoenergy.com>; 'Hall, Brian L.' <blhall@tecoenergy.com>; 'Kennedy, Ronald R.' <rrkennedy@tecoenergy.com>; 'LMCCLAIN@TECOENERGY.COM'; 'Lozano, Jhonnathan' <jxlozano@tecoenergy.com>; 'Parker, Gary D.' <GParker@tecoenergy.com>; 'Peterson, Robert R.' <RRPeterson@tecoenergy.com>; 'Richardson, Eric B.' <ebrichardson@tecoenergy.com>; 'Rivera, Raul' <RRivera@tecoenergy.com>; 'tamills@tecoenergy.com'; 'Torbert, Justin D.' <JDTorbert@tecoenergy.com>
Cc: Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>; Thompson, Brian R (GE Gas Power) <brian1.thompson@ge.com>; Hege, Nathan (GE Gas Power) <Nathan.Hege@ge.com>; Ryman, John F (GE Gas Power) <john.ryman@ge.com>; Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>; PANelson@tecoenergy.com
Subject: NS Daily Update During Outages - 08/01

All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

Sizemore, Ashley A.

From:	Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent:	Monday, August 2, 2021 4:34 PM
To:	Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Fowler, Bill R.
Cc:	Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Ryman, John F (GE Gas Power); Rymarz, Mark (FieldCore); Nelson, Patrick A.; Walton, Gary (FieldCore); Baldassarre, Erich L (GE Gas Power); Hayes, Peter (FieldCore)
Subject:	DS Daily Update During Outages - 08/02
Attachments:	08-2-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Michael Shanahan
PM – Regional Generator Specialist
FieldCore

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Michael.Shanahan1@ge.com

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/2/2021 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Jon Meacham
Day Shift GS:	Mark Rymarz
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night:** David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Stacking core

Completed:

- Discussed w/Engineering issue's with punching's. This happens during the coating process and is normal in the factory. Good side faces the minor indications.
- Started stacking package 69 (Solid punching's) 1.09" / 76 Layers Completed
- Started stacking 2nd half of 69 (Slit punching's) ~30 layers

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Standdown – 1015-1230 / 1330-1730

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Continued working on rewind parts.
- Connection rings to be shipped 8/6/2021
- Requesting Stator Bars on-site 8/6/2021

7) Actions in order of priority for Next Shift:

- Slit punching's package 69 -73 layers then add 3 layers of P3 (total layers 76) 2nd half of package 69
- Measure package when completed 2.181" add additional layers of Pt 3 if needed
- Verify alignment (Sides / Bottom) assemble ISSB move UT Blocks & Torque
- Continue stacking package 70- 5 layers Pt 4 / 25 layers Pt 7 / 1 layer Pt 4 (.45" thick)
- Next section 39 layers Pt 8 (.56" thick)
- Next section 39 layers Pt 9 (.56" thick)
- Total measurement 1.57"

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Stage bake ovens and test (Monday 8/2/2021) we did not move them into place will wait for tomorrow
- Build tie cart

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

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TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From:	Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent:	Tuesday, August 3, 2021 4:37 AM
To:	Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.
Cc:	Shanahan, Michael (FieldCore); Rymarz, Mark (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.
Subject:	NS Daily Update During Outages - 08/02
Attachments:	08-2-2021 TECO-Polk_Unit1_Turnover NS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/2/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Jon Meacham
Day Shift GS:	Mark Rymarz
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Housekeeping
- Stacking core

Completed:

- Stacking package 69 ~ 2.178" with 66 layers of pt-6 and 3 layers of pt-3
- Aligned core iron and secured key bar clamps
- Installed ISSB's
- Took Slot Coupler gland measurements

3) Deviations from Program and Variances to the Scope:

- **Lightning Delay: 19:43 – 20:37, 21:10 – 21:40, 22:41 – 23:15**

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Continued working on rewind parts.
- Connection rings to be shipped 8/6/2021
- Requesting Stator Bars on-site 8/6/2021

7) Actions in order of priority for Next Shift:

- Move UT blocks and torque
- Continue stacking package 70- 5 layers Pt 4 / 25 layers Pt 7 / 1 layer Pt 4 (.45" thick)
- Next section 39 layers Pt 8 (.56" thick)
- Next section 39 layers Pt 9 (.56" thick)
- Total measurement 1.57"

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Place new lamination*
- *Stage bake oven and test*
- *Build tie cart*

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
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GE Power Services Quality Manual

NIGHT SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR
337X011

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SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent: Tuesday, August 3, 2021 5:38 PM
To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore)
Subject: DS Daily Update 8.3.2021
Attachments: 08-3-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Michael Shanahan
PM – Regional Generator Specialist
FieldCore

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Michael.Shanahan1@ge.com

TAMPA ELECTRIC COMPANY
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FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
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GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/3/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Jon Meacham
Day Shift GS:	Mark Rymarz
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Stacking core

Completed:

- Assembled ISSB 69-70 (166.6875")
- Started stacking package 70
- OSSB box brought to deck
- Removed OSSB from box

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Standdown – 0815-0925 / 1415-1545

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Continued working on rewind parts.
- Connection rings to be on-site 8/6/2021
- Stator Bars on-site 8/7/2021 (4 boxes)

7) Actions in order of priority for Next Shift:

- Assemble OSSB
- Use all thread and plates to hold OSSB
- Once plates assembled move T-Blocks
- Total measurement 1.57" package 70
- Assemble rail for installing TE CCF

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Stage bake ovens and test (Monday 8/5/2021)
- Build tie cart

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

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FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From:	Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent:	Wednesday, August 4, 2021 4:28 AM
To:	Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.
Cc:	Shanahan, Michael (FieldCore); Rymarz, Mark (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM)
Subject:	NS Daily Update During Outages - 08/03
Attachments:	08-3-2021 TECO-Polk_Unit1_Turnover NS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
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DOCKET NO. 20220001-EI
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GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/3/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS:	Jon Meacham
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Housekeeping
- Relocating and torquing of UT blocks ~ 14

Completed:

- Primed OSSB
- Cleaned compression flange and applied second coat of Teflon
- Installed OSSB's
- Aligned OSSB's and slots

3) Deviations from Program and Variances to the Scope:

- **Lightning Delay: 21:47 – 22:20**

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Continued working on rewind parts.
- Connection rings to be shipped 8/6/2021
- Requesting Stator Bars on-site 8/6/2021

7) Actions in order of priority for Next Shift:

- Finish moving UT blocks and torque
- Install new compression flange gasket
- Install compression flange rail
- Take final measurements for overall core length

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Stage bake oven and test*
- *Build tie cart*

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Thursday, August 5, 2021 2:32 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.
Subject: RE: NS Daily Update During Outages - 08/04
Attachments: 08-4-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.

FieldCore
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Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
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Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

TECO TAMPA ELECTRIC AN EMERA COMPANY

FieldCore a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/4/2021 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Mark Rymarz
Day Shift GS:	Jon Meacham
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night:** David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Housekeeping

Completed:

- Stage Compression flange rail and brackets
- Prepped for load compartment removal
- Setup and checked Hytorc
- Torque checked CE compression flange
- Cut and labeled CE and TE duct boards for bake cycle
- Made wooden washers ~ Need ½ -13 bolts 2 ½" long to secure duct boards to flange
- Placed halogen lamp under TE flange tent

3) Deviations from Program and Variances to the Scope:

- **Lightning Delay:**

4) Problems / Technical Issues:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Continued working on rewind parts.
- Connection rings to be shipped 8/6/2021
- Requesting Stator Bars on-site 8/6/2021
- Tested Hytorc with two heads ~ function checked good
- T-5 head is leaking oil and labeled inside GTS box

7) Actions in order of priority for Next Shift:

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Stage bake oven and test*
- *Build tie cart*

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
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SUPPLEMENTAL: APRIL 14, 2022

GE Power Services Quality Manual

NIGHT SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR

337X011

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent: Thursday, August 5, 2021 4:46 PM
To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Subject: DS Daily Update 8.5.2021
Attachments: 08-5-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Michael Shanahan
PM – Regional Generator Specialist
FieldCore

M +1 813 928 3581
Michael.Shanahan1@ge.com

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SUPPLEMENTAL: APRIL 14, 2022

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a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/5/2021 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night:** David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Stacking core

Completed:

- Removed Load Compartment
- Placed Core Compression Flange onto trolley.
- Re-assembled the load Compartment
- Had to re-clean the flange & re-apply Teflon
- Core Compression flange basically hand tight, measurements are within .125" T, B, L, R
- Unloaded the 4 Stator Bar boxes they are numbered in the order we will use & Weights
- Greg made up the harnesses for the bake of the core iron, and the CCSR bake

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Standdown –

5) Items for Coordination with Others:

EDE = Core ring test setup 8/9 – 8/10 test 8/10- 8/11

6) Parts / Spares / Tooling Issues:

- Continued working on rewind parts.
- Axial supports CE & TE shipping this Friday 8/6/2021
- Connection rings to be on-site 8/6/2021
- Received the 3 Replacement Gas RTD's

7) Actions in order of priority for Next Shift:

- Cover the bar boxes
- Start torquing the TE CCF, per procedure and sequence order
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed baking core & Final torquing 3000 Ft.Lbs

9) Outstanding items (to complete at next opportunity) in order of priority:

- Stage bake ovens and test weather permitting
-

10) Comments:

- *GE Notes:* Jon Meacham will be rolling back to Day Shift
- *TECO-POLK Plant Notes:*

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Friday, August 6, 2021 4:28 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.
Subject: RE: NS Daily Update During Outages - 08/05
Attachments: 08-5-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.

FieldCore
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Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

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TECO TAMPA ELECTRIC AN EMERA COMPANY

FieldCore a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/4/2021 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Mark Rymarz
Day Shift GS:	Jon Meacham
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night:** David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Housekeeping

Completed:

- Verified bar boxes were covered
- Installed slot boards in every other slot
- Started torque of TE CCF. Completed up to 2nd pass at 1500 ft lbs.

3) Deviations from Program and Variances to the Scope:

- **Lightning Delay: none**

4) Problems / Technical Issues:

-

5) Items for Coordination with Others:

-

6) Parts / Spares / Tooling Issues:

- Continued working on rewind parts.
- Connection rings to be shipped 8/6/2021
- Requesting Stator Bars on-site 8/6/2021
- Tested Hytorc with two heads ~ function checked good
- T-5 head is leaking oil and labeled inside GTS box

7) Actions in order of priority for Next Shift:

- Complete 1500 ft lbs torque
- Continue torque of TE CCF per procedure
- Perform knife checks
- Set up for bake cycle

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Stage bake oven and test*
- *Build tie cart*

10) Comments:

- *GE Notes:*
-
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Saturday, August 7, 2021 6:29 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.
Subject: RE: NS Daily Update During Outages - 08/06
Attachments: 08-6-2021 TECO-Polk_Unit1_Turnover NS.pdf

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Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

TECO TAMPA ELECTRIC AN EMERA COMPANY

FieldCore a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/6/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS:	Jon Meacham
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Housekeeping

Completed:

- Performed two passes on TE CCF at 3000 ft lbs. Some additional movement
- Measured core length at 4 positions
- Setting up for bake on CE and TE

3) Deviations from Program and Variances to the Scope:

- **Lightning Delay: 3 hour delay for lighning**

4) Problems / Technical Issues:

-

5) Items for Coordination with Others:

-

6) Parts / Spares / Tooling Issues:

- Continued working on rewind parts.
- Connection rings to be shipped 8/6/2021
- Requesting Stator Bars on-site 8/6/2021
- Tested Hytorc with two heads ~ function checked good
- T-5 head is leaking oil and labeled inside GTS box

7) Actions in order of priority for Next Shift:

- Complete bake setup
- Bake core

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Stage bake oven and test*
- *Build tie cart*

10) Comments:

- *GE Notes:*
-
- *TECO-POLK Plant Notes*:

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Sunday, August 8, 2021 5:17 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.
Subject: RE: NS Daily Update During Outages - 08/07
Attachments: 08-7-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.

FieldCore
a GE company
Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
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TAMPA ELECTRIC COMPANY
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OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

TECO TAMPA ELECTRIC AN EMERA COMPANY

FieldCore a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/7/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS:	Jon Meacham
Day Shift OJT GS:	**Night Shift OJT GS**:
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Housekeeping

Completed:

- Continued core bake
- CE reached temp at 2200
- TE reached temp at 0230

3) Deviations from Program and Variances to the Scope:

- **Lightning Delay: none**

4) Problems / Technical Issues:

-

5) Items for Coordination with Others:

-

6) Parts / Spares / Tooling Issues:

- Continued working on rewind parts.
- Connection rings to be shipped 8/6/2021
- Requesting Stator Bars on-site 8/6/2021
- Tested Hytorc with two heads ~ function checked good
- T-5 head is leaking oil and labeled inside GTS box

7) Actions in order of priority for Next Shift:

- Reduce temperature on core at 0630
- Retorque CCF at 3000 ft lbs
- Take core length measurements

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- *Build tie cart*

10) Comments:

- *GE Notes:*
-
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From:	Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent:	Sunday, August 8, 2021 5:38 PM
To:	Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Cc:	Illgen, Scott (APM)
Subject:	DS Daily Update During Outages - 08/08
Attachments:	08-8-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/8/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS**:
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Stator cooling
- Final torque of TE compression flange

Completed:

- Received connection rings and phase straps
- Completed first torque after bake of TE compression flange
- Removed duct boards from generator

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Standdown – 0700- 0900

5) Items for Coordination with Others:

EDE = Core ring test setup 8/9 – 8/10 test 8/10- 8/11

6) Parts / Spares / Tooling Issues:

- Continued working on rewind parts.
- Axial supports CE & TE shipping this Friday 8/6/2021
-

7) Actions in order of priority for Next Shift:

- Complete final torque on TE compression flange
- Perform knife check
- Perform post bake EI-Cid
- Pack and stage bake ovens for removal
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed baking core & Final torquing 3000 Ft.Lbs

9) Outstanding items (to complete at next opportunity) in order of priority:

- Clear scaffolding and cat walk on RH side of generator for core ring setup.

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
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OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Monday, August 9, 2021 2:22 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.
Subject: RE: NS Daily Update During Outages - 08/08
Attachments: 08-8-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.

FieldCore
a GE company

Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
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FILED: APRIL 8, 2022
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FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/8/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Stacking core

Completed:

- Generator reached 60C at 0830
- Re-torqued CCF, 12 out of 15 nuts no movement
- Still too hot to enter core
- Set up Elcid. Still needs to be calibrated
- Pulled back CE bake oven and covered on deck

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Standdown – 2.5 hours

5) Items for Coordination with Others:

EDE = Core ring test setup 8/9 – 8/10 test 8/10- 8/11

6) Parts / Spares / Tooling Issues:

- Continued working on rewind parts.
- Axial supports CE & TE shipping this Friday 8/6/2021
- Astro Chemicals shipped

7) Actions in order of priority for Next Shift:

- Clean oil out of belly
- Perform knife checks
- Measure Core
- Perform Elcid

8) QCP signoffs completed? Need to sign-off Quality Check Points:
Design Core length 167.88 to 168.32, after we completed baking core & Final torquing 3000 Ft.Lbs

9) Outstanding items (to complete at next opportunity) in order of priority:

- Stage bake ovens and test weather permitting
-

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

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Sizemore, Ashley A.

From:	Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent:	Monday, August 9, 2021 5:13 PM
To:	Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Cc:	Illgen, Scott (APM); Shanahan, Michael (FieldCore)
Subject:	DS Daily Update During Outages - 08/09
Attachments:	08-9-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

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FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/9/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Setting up for core ring test

Completed:

- Received axial supports and put into gang box
- Received RTD cable extension
- Received roven tie ~ 7 rolls, 1 missing
- Removed all-thread and UT blocks from core
- Removed restack tooling from dance floor
- Completed EL-Cid
- Completed knife checks
- Cleaned generator belly
- Moved Core Kit to dance floor

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Stand Down: 13:38 – 14:10, 14:27 – 17:30.

5) Items for Coordination with Others:

EDE = Core ring test setup 8/9 – 8/10 test 8/10- 8/11

6) Parts / Spares / Tooling Issues:

- Continued working on rewind parts.
- Axial supports CE & TE shipping this Friday 8/6/2021

7) Actions in order of priority for Next Shift:

- Continue setup for core ring test ~ 8 loops
- Install generator cooler covers
- Take core length measurements at four locations
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed baking core & Final torquing 3000 Ft.Lbs

9) Outstanding items (to complete at next opportunity) in order of priority:

10) Comments:

GE Notes:

TECO-POLK Plant Notes:

TAMPA ELECTRIC COMPANY
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Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Tuesday, August 10, 2021 4:27 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.
Subject: RE: NS Daily Update During Outages - 08/09
Attachments: 08-9-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.

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Cell: 609-569-6184
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TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/9/2021 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night:** David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Setting up for core ring

Completed:

- Covered cooler manways
- Measured core length at 4 points (168 375" all points)
- Routed cables for core ring

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Standdown – 3.5 hours

5) Items for Coordination with Others:

EDE = Core ring test setup 8/9 – 8/10 test 8/10- 8/11

6) Parts / Spares / Tooling Issues:

- Continued working on rewind parts.
- Axial supports CE & TE shipping this Friday 8/6/2021

7) Actions in order of priority for Next Shift:

- Finish running TC's for core ring if you want more (only set up three)
- Terminate 4160
- Perform Core ring

8) QCP signoffs completed? Need to sign-off Quality Check Points:
Design Core length 167.88 to 168.32, after we completed baking core & Final torquing 3000 Ft.Lbs

9) Outstanding items (to complete at next opportunity) in order of priority:

10) Comments:

GE Notes:

TECO-POLK Plant Notes:

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Tuesday, August 10, 2021 10:46 PM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.
Subject: RE: NS Daily Update During Outages - 08/10
Attachments: 08-10-2021 TECO-Polk_Unit1_Turnover DS.pdf

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See attached NS Daily turnover.

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Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
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OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/10/2021 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night:** David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- core ring test

Completed:

- Received MSD Astro G5
- Received Junction box
- Received Wedges
- Received roven tie 1 missing still in Memphis
- Started Core ring test @ 1500
- Inventorying material
- Changing out AC Unit

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Stand Down:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind

7) Actions in order of priority for Next Shift:

- Continue Core ring test.
- Cut down temp wood to 3.5". Box is under shelf label Not ripped
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:
Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 Ft.Lbs. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
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Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Tuesday, August 10, 2021 10:47 PM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.
Subject: RE: NS Daily Update During Outages - 08/10
Attachments: 08-10-2021 TECO-Polk_Unit1_Turnover NS.pdf

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Disregard the previous turnover. Accidently sent the wrong attachment

Mark

From: Rymarz, Mark (FieldCore)
Sent: Tuesday, August 10, 2021 10:46 PM
To: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>; 'Crotts, Mary' <MECrotts@tecoenergy.com>; 'Dilport, Nate' <NDilport@tecoenergy.com>; 'Hall, Brian L.' <blhall@tecoenergy.com>; 'Kennedy, Ronald R.' <rrkennedy@tecoenergy.com>; 'LMCCLAIN@TECOENERGY.COM'; 'Lozano, Jhonnathan' <jxlozano@tecoenergy.com>; 'Parker, Gary D.' <GParker@tecoenergy.com>; 'Peterson, Robert R.' <RRPeterson@tecoenergy.com>; 'Richardson, Eric B.' <ebrichardson@tecoenergy.com>; 'Rivera, Raul' <RRivera@tecoenergy.com>; 'tamills@tecoenergy.com'; 'Torbert, Justin D.' <JDTorbert@tecoenergy.com>; Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>; Thompson, Brian R (GE Gas Power) <brian1.thompson@ge.com>; Hege, Nathan (GE Gas Power) <Nathan.Hege@ge.com>; Illgen, Scott (APM) <scott.illgen@apmdelivers.com>; panelson@tecoenergy.com
Subject: RE: NS Daily Update During Outages - 08/10

See attached NS Daily turnover.

FieldCore
a GE company

Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

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337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/10/2021 **Shift:** Day	**Shift:** Night
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Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night:** David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- core ring test

Completed:

- Completed inventory of chems
- Cut temp wood
- Completed Core ring test at 2215 – Reached temp bottom of slots – No issues observed
- Staged AC unit/needs powered up

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Stand Down: none

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind

7) Actions in order of priority for Next Shift:

- Cool down stator

8) QCP signoffs completed? Need to sign-off Quality Check Points:
Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 Ft.Lbs. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent: Wednesday, August 11, 2021 5:10 PM
To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Cc: Shanahan, Michael (FieldCore); Illgen, Scott (APM)
Subject: DS Daily Update During Outages - 08/11
Attachments: 08-11-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/11/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Inventory of parts received

Completed:

- Received end winding blocking parts
- Received slot support parts
- Removed core ring loops and packed conex
- Established power back to 480 transformer and main PDU
- Blew down core
- Applied red eye to new core iron and core iron that had repairs made
- Staged single strand, gun stocks, and locking tabs on dance floor in gang box
- Performed final torque to TE compression flange nuts ~ 3,000 ft-lb
- Removed GTS Hytorc box from deck
- Measured core at 3, 6, 9, and 12 o'clock ~ 168.375"

3) Deviations from Program and Variances to the Scope:

- **We will leave the Core ring Kit on the dance floor to use as a barrier for the incoming weather this weekend.**

4) Problems / Technical Issues:

Lightning Stand Down: 4:00pm – 5:30pm

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind
-

7) Actions in order of priority for Next Shift:

- Continue inventory of parts received and stage inside SSL
- Fit up axial supports
- Remove anything from deck that is not being used in next steps of work
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

-

10) Comments:

GE Notes:

TAMPA ELECTRIC COMPANY
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DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

TECO-POLK Plant Notes:

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DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Thursday, August 12, 2021 1:47 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.
Subject: RE: NS Daily Update During Outages - 08/11
Attachments: 08-11-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.

FieldCore
a GE company
Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/11/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS**:
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Inventory of parts received

Completed:

- Completed inventory including Gerome shipment received/ packing list is in SSL
- Fit up axial supports – brackets fit well
- Removed unnecessary items/tooling from deck/Housekeeping for storm

3) Deviations from Program and Variances to the Scope:

- **We will leave the Core ring Kit on the dance floor to use as a barrier for the incoming weather this weekend.**

4) Problems / Technical Issues:

Lightning Stand Down: ~ 1 hour

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind
-

7) Actions in order of priority for Next Shift:

- Torque belly bands
- Clean up for storm
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

-

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From:	Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent:	Thursday, August 12, 2021 5:19 PM
To:	Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Cc:	Shanahan, Michael (FieldCore); Illgen, Scott (APM)
Subject:	DS Daily Update During Outages - 08/12
Attachments:	08-12-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
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DOCKET NO. 20220001-EI
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GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/12/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS**:
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Preparing for rewind

Completed:

- Made 63 bottom slot filler
- Received last single strand tie roll ~ SSL
- Installed connection rings
- Removed Core ring test kit from dance floor

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Stand Down: 4:18pm – 5:30pm

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind
- Setup pick up for Core ring kit, core restack kit, Bake oven extension cables, and line backers
- GTS is sending out new sockets for belly band torquing

7) Actions in order of priority for Next Shift:

- Block new connection rings
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:
Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

-

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Friday, August 13, 2021 3:32 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.
Subject: RE: NS Daily Update During Outages - 08/12
Attachments: 08-12-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.

FieldCore
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Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

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FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

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GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/12/2021 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night:** David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Preparing for rewind

Completed:

- Fit up connection ring blocking
- Broke down bar horses and put away

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Stand Down: ~3 hours

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind
- Setup pick up for Core ring kit, core restack kit, Bake oven extension cables, and line backers
- GTS is sending out new sockets for belly band torquing

7) Actions in order of priority for Next Shift:

- Review blocking fitup
- Fit up T4 & T6 blocks
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

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DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent: Friday, August 13, 2021 1:08 PM
To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Cc: Shanahan, Michael (FieldCore); Illgen, Scott (APM)
Subject: DS Daily Update During Outages - 08/13
Attachments: 08-13-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile 813-415-4379
Email: Jonathon.Meacham@ge.com
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a GE company

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GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/13/2021 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night:** David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Prepared for incoming weather

Completed:

- Blocking for connection rings
- Staged tooling for pick up Tuesday 8/18/2021
- Den-energized the 4160 transformer
- Secured site for weather

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Standby for weekend due to incoming tropical storm Fred

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind
- Binding bands will arrive on site Monday 8/17/2021
- Series loop straps will arrive Monday 8/17/2021
- RTD gland 8/17/2021

7) Actions in order of priority for Next Shift:

- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:
Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install binding bands
- Block and tie connection rings
- Torque and insulate HVB's
- Install windings

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent: Monday, August 16, 2021 5:17 PM
To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Cc: Shanahan, Michael (FieldCore); Illgen, Scott (APM)
Subject: DS Daily Update During Outages - 08/16
Attachments: 08-16-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
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SUPPLEMENTAL: APRIL 14, 2022

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a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/16/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS**:
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Applying 1st torque to belly bands
- Torquing HVB's and connection rings
- Cutting blocks for T3 and T4 connections to HVB's
- Installing clips for RTD's

Completed:

- Received new Hytorc heads for belly band bolt torque
- Received binding bands @ 0700
- Received RTD glad ~ placed in SSL
- Removed Core Ring Test from dance floor
- Installed binding bands
- Installed plastic on connection ring copper to protect from resin
- Secured axial supports and hardware with resin and epoxy
- Removed LH/RH manway covers to take to machine shop

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Delay: 1325 – 1425, 1619 – 1730.

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind
- Series loop straps will arrive 8/17/2021
-

7) Actions in order of priority for Next Shift:

- Apply 2nd torque to connections rings and HVB's
- Start tying connection rings
- Insulate HVB's
- Finish installing RTD clips
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:
Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

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DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

• Install binding bands • Block and tie connection rings • Torque and insulate HVB's • Install windings
10) Comments:
GE Notes:
TECO-POLK Plant Notes:

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DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent: Tuesday, August 17, 2021 5:27 PM
To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Cc: Shanahan, Michael (FieldCore); Illgen, Scott (APM)
Subject: DS Daily Update During Outages - 08/17
Attachments: 08-17-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile 813-415-4379
Email: Jonathon.Meacham@ge.com
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GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/17/2021 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night:** David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Applying 1st torque to belly bands
- Bar fit up

Completed:

- Insulating HVB's
- Staged fit up bars on dance floor
- Stripped two bottom bars for fit up
- Installed RTD clips
- Cut temp wood for bottom bars
- Shipped Core Ring and restack tooling back to tool center

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay:1520 - 1730.

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind
- Series loop straps will arrive 8/20/2021
-

7) Actions in order of priority for Next Shift:

- Bar fit up
- Cut bottom filler
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install windings

10) Comments:

GE Notes:

TECO-POLK Plant Notes:

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Tuesday, August 17, 2021 4:29 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank
Subject: RE: NS Daily Update During Outages - 08/16
Attachments: 08-16-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.

FieldCore
a GE company

Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/16/2021 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night:** David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Applying 1st torque to belly bands
- Torquing HVB's and connection rings
- Cutting blocks for T3 and T4 connections to HVB's
- Installing clips for RTD's

Completed:

- Performed second torque on connection rings
- Completed tying connection rings

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Delay: 1325 – 1425, 1619 – 1730.

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind
- Series loop straps will arrive 8/17/2021
-

7) Actions in order of priority for Next Shift:

- Insulate HVB's
- Finish installing RTD clips
- Bar fit up
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:
Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install binding bands
- Insulate HVB's
- Install windings

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Thursday, August 19, 2021 4:24 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank
Subject: RE: NS Daily Update During Outages - 08/18
Attachments: 08-18-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.

FieldCore
a GE company

Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/18/2021 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Rob Weekley /Josh Cabler	**W/L Night:** David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lift ing techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Installing bottom filler
- Installing bottom bars

Completed:

- Installed final pin in shim on TE
- Installed bottom filler in all slots
- Mapped out SRS – using all 14's work nice
- Installed 13 BTM bars – 14th is in the slot but needs tied & rippled – Bars went in as expected, no issues

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: 1 hour

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind
- Series loop straps will arrive 8/20/2021

7) Actions in order of priority for Next Shift:

- Continue BTM bar installation
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install windings

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Wednesday, August 18, 2021 4:35 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank
Subject: RE: NS Daily Update During Outages - 08/17
Attachments: 08-17-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.

FieldCore
a GE company

Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/17/2021 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night:** David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Applying 1st torque to belly bands
- Bar fit up

Completed:

- Took BTM Bar measurements to CCF – SAT
- Aligned Binding bands TE/CE
- Performed Bar Fit up
- Cut remainder of bottom filler

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: 2 hours

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind
- Series loop straps will arrive 8/20/2021
-

7) Actions in order of priority for Next Shift:

- Install bottom filler
- Start BTM Bar installation
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install windings

10) Comments:

GE Notes:

TECO-POLK Plant Notes:

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent: Wednesday, August 18, 2021 5:18 PM
To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Cc: Shanahan, Michael (FieldCore); Illgen, Scott (APM)
Subject: DS Daily Update During Outages - 08/18
Attachments: 08-18-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/18/2021 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Carlos Mercado /Josh Cabler	**W/L Night:** David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Installing bottom filler
- Installing bottom bars

Completed:

- Verified bar fit up ~ CE satisfactory, TE moved and repositioned binding bands
- Shimmed and pinned CE and TE binding bands
- Received last of the Gas RTD's
- Cut remainder of bottom filler
- Staged and routed stator RTD's on CE and TE

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: 16:30 – 17:30.

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind
- Series loop straps will arrive 8/20/2021

7) Actions in order of priority for Next Shift:

- Pin 3rd binding band shim at 6 o'clock
- Lay out SRS map
- Start installing bottom bars in slot 46 ~ 10 step up bars
- Peel and stick slots 4 & 5 double back bottom filler
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install windings

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

GE PROPRIETARY
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Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent: Thursday, August 19, 2021 5:38 PM
To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Cc: Shanahan, Michael (FieldCore); Illgen, Scott (APM)
Subject: DS Daily Update During Outages - 08/19
Attachments: 08-19-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/19/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS**:
W/L Day: Rob Weekley /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Installing bottom bars

Completed:

- As found testing on gas RTD's
- Completed belly band shimming and final torque
- Received access panel from machine shop
- Received series straps and placed in standup gang box
- EDE removed old GTE heaters

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Delay:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind

7) Actions in order of priority for Next Shift:

- Continue installing bottom bars
- Perform post belly band torque El-Cid
- Cut 1" off 6 o'clock axial support to make clearance for strap
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:
Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install windings

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Friday, August 20, 2021 3:50 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank
Subject: RE: NS Daily Update During Outages - 08/19
Attachments: 08-19-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.

FieldCore
a GE company

Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/19/2021 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Rob Weekley /Josh Cabler	**W/L Night:** David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Installing bottom bars

Completed:

- Cut gunstock for clearance
- Continued bar installation
- Set up El Cid for testing

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: ½ hour

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind

7) Actions in order of priority for Next Shift:

- Perform El Cid
- Fly up new bar box
- Continue installing bottom bars
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

Design Core length 167.88 to 168.32, after we completed Core ring & Final torquing 3000 ft lb. Prior to core ring test length 168.375

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install windings

10) Comments:

GE Notes:

TECO-POLK Plant Notes:

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TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent: Friday, August 20, 2021 5:20 PM
To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Cc: Shanahan, Michael (FieldCore); Illgen, Scott (APM)
Subject: DS Daily Update During Outages - 08/20
Attachments: 08-20-2021 TECO-Polk_Unit1_Turnover DS.pdf; IMG_1155.JPG

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All,

Please see attached turnover for work completed. I have also attached a photo of the new slot coupler gland and the junction box that is mounted on the left hand side of the generator.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/20/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Rob Weekley /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Installing bottom bars

Completed:

- Installed new slot coupler gland and junction box
- Performed post core restack EI-Cid
- Staged box #2 of bottom bars on dance floor

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: 16:45 – 17:30.

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind

7) Actions in order of priority for Next Shift:

- Continue installing bottom bars
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

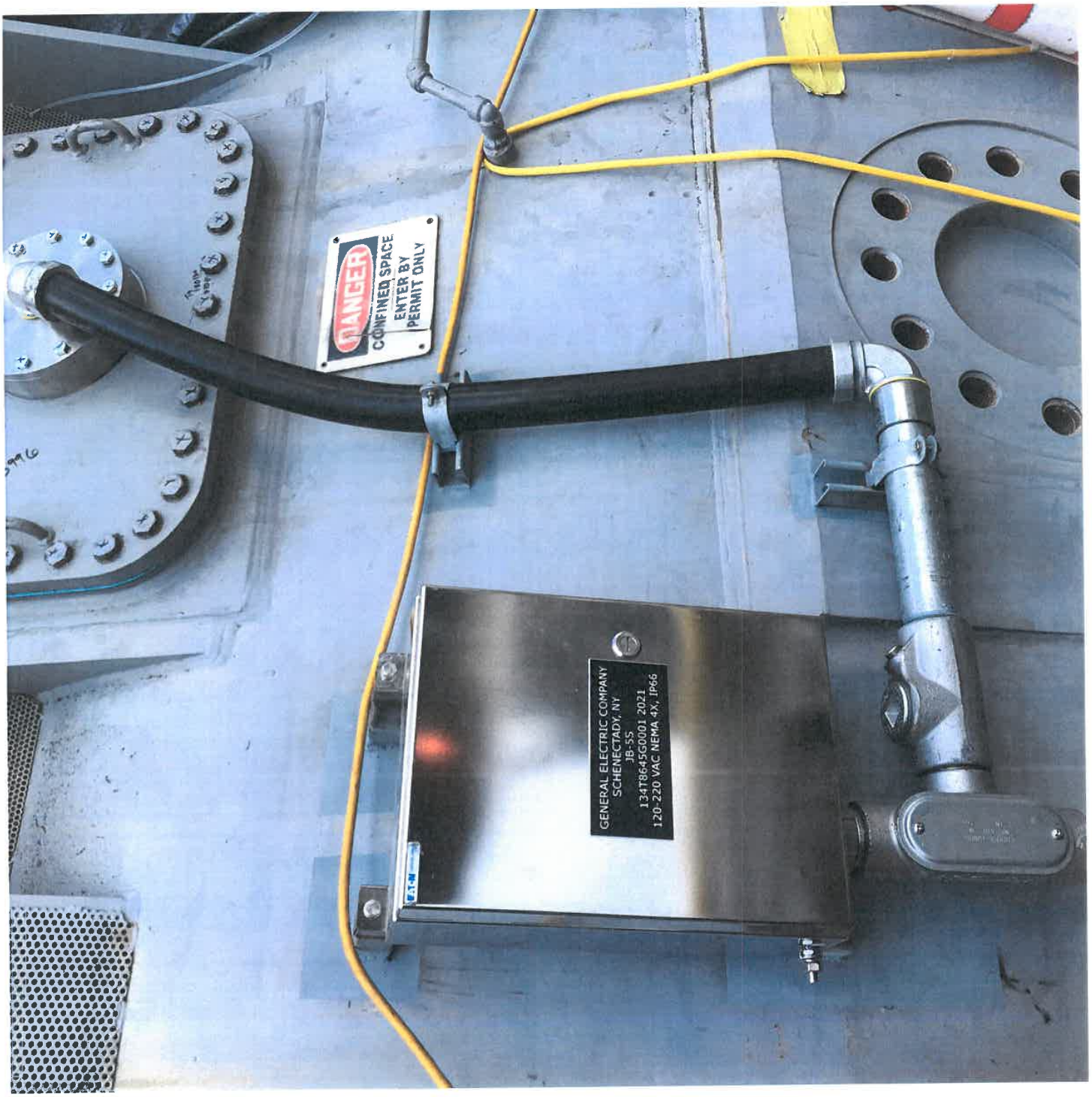
9) Outstanding items (to complete at next opportunity) in order of priority:

- Install windings

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

GE PROPRIETARY
UNCONTROLLED WHEN PRINTED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PERMIT ONLY
GENERAL ELECTRIC COMPANY
SCHENECTADY, NY
JB-5S
134T8645G0001 2021
120-220 VAC NEMA 4X, IP66

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent: Saturday, August 21, 2021 10:22 AM
To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Subject: Update 8.21.2021

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All

We are planning to close up the bottom bars by the end of shift
Night Shift will complete Tying/blocking/ and installing SRS and start assembling middle filler & RTD's

We will perform Testing Sunday

1) Bottoms bars @ 66.3 KVDC (In phase groups)
2) Connection Rings @ 64.6 KVDC (In phase groups)
3) A pre & Post 1 minute megger will be performed at 5000 vdc

Michael Shanahan
PM – Regional Generator Specialist
FieldCore

M +1 813 928 3581
Michael.Shanahan1@ge.com

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent: Saturday, August 21, 2021 5:28 PM
To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Cc: Shanahan, Michael (FieldCore); Illgen, Scott (APM)
Subject: DS Daily Update During Outages - 08/21
Attachments: 08-21-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/21/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS**:
W/L Day: Rob Weekley /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Blocking and tying bottom bars
- Hydrogen seal lapping and blue check

Completed:

- Installed all bottom bars

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: 16:00 – 17:30.

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind

7) Actions in order of priority for Next Shift:

- Continue blocking and tying bottom bars
- Set ripple springs
- Lay middle filler
- Set up for bottom bar / connection rings Hipot ~ by phase groups
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install windings

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

GE PROPRIETARY
UNCONTROLLED WHEN PRINTED

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Saturday, August 21, 2021 5:03 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank
Subject: RE: NS Daily Update During Outages - 08/20
Attachments: 08-20-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.

FieldCore
a GE company

Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/20/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Rob Weekley /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Installing bottom bars

Completed:

- Continued bar installation
-

3) Deviations from Program and Variances to the Scope:

-

4) Problems / Technical Issues:

Lightning Delay: 5 hours

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind

7) Actions in order of priority for Next Shift:

- Continue installing bottom bars
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install windings

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Sunday, August 22, 2021 4:40 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank
Subject: RE: NS Daily Update During Outages - 08/21
Attachments: 08-21-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.

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Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
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FieldCore
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GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/21/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS**:
W/L Day: Rob Weekley /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Blocking and tying bottom bars
- Hydrogen seal lapping and blue check

Completed:

- CE bottom bar block/tie complete
- Continued TE bottom bar block/tie
- Continued setting SRS

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: 16:00 – 17:30.

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind

7) Actions in order of priority for Next Shift:

- Continue TE blocking and tying bottom bars
- Complete setting ripple springs
- Set up for bottom bar / connection rings Hipot ~ by phase groups
- Hipot connection rings and bottom bars
- Lay middle filler
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install windings

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

Sizemore, Ashley A.

From:	Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent:	Sunday, August 22, 2021 5:25 PM
To:	Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Cc:	Shanahan, Michael (FieldCore); Illgen, Scott (APM)
Subject:	DS Daily Turnover During Outages - 08/22
Attachments:	08-22-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

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Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

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DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/22/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Rob Weekley /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Cutting middle filler
- Hipot connection rings ~ 64kV

Completed:

- Completed blocking and tying bottom bars
- Completed installing SRS's
- Flew off bottom bar box
- Flew top bar box on dance floor
- Bottom bar Hipot ~ 66kV passed

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Delay: 16:32 – 17:30.

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind

7) Actions in order of priority for Next Shift:

- Hipot connection rings
- Cut middle filler
- Install middle filler'
- Glass tape RTD's
- Install top bars
- Install bake oven to prep for post hipot megger
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install windings

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Monday, August 23, 2021 4:29 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank
Subject: RE: NS Daily Update During Outages - 08/22
Attachments: 08-22-2021 TECO-Polk_Unit1_Turnover NS.pdf

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a GE company

Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
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SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/22/2021 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Rob Weekley /Josh Cabler	**W/L Night:** David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Cutting middle filler
- Hipot connection rings ~ 64kV

Completed:

- Completed Hipot of connection rings - SAT
- Cut and installed middle filler
- Glass taped RTD's
- Started adding B-stage to intermediate rings
- Inserted bake oven into TE with fan shooting heat down core

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: none

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind

7) Actions in order of priority for Next Shift:

- Perform post hipot meggers
- Install intermediate rings
- Start top bar installation
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install windings

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

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TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent: Monday, August 23, 2021 5:15 PM
To: Ortiz, Miguel A.; Bhatt, Sid; Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Cc: Shanahan, Michael (FieldCore); Illgen, Scott (APM)
Subject: DS Daily Update During Outages - 08/23
Attachments: 08-23-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

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FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/23/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS**:
W/L Day: Rob Weekley /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Installing radial rings
- Top bars
- Installing felt on radial rings ~ one ring left

Completed:

- Cut top bar side ripple springs
- Cut tails off bottom bar ties
- Post bottom bar Hipot megger ~ Satisfactory
- Tested RTD's after Hipot ~ Satisfactory
- Cut all boards down for top bars
- Received GTG-1 RTD

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Delay: 15:03 – 17:30.

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind

7) Actions in order of priority for Next Shift:

- Install top bars
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install windings

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Tuesday, August 24, 2021 4:27 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank
Subject: RE: NS Daily Update During Outages - 08/23
Attachments: 08-23-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.

FieldCore
a GE company

Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

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DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
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FieldCore
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GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/23/2021 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Rob Weekley /Josh Cabler	**W/L Night:** David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Installing radial rings
- Top bars
- Installing felt on radial rings ~ one ring left

Completed:

- Completed installing intermediate rings
- Started top bar installation

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: None

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind

7) Actions in order of priority for Next Shift:

- Install top bars
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install windings

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
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OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent: Tuesday, August 24, 2021 5:25 PM
To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Subject: Update 8.24.2021 TECO Polk
Attachments: 08-24-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Continued assembling top bars & SRS

Michael Shanahan
PM – Regional Generator Specialist
FieldCore

M +1 813 928 3581
Michael.Shanahan1@ge.com

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
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TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/24/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Jon Meacham
Day Shift GS:	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Rob Weekley /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Assembling Top Bars & SRS

Completed:

- Received the vise grips

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: 16:25 – 17:30.

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

7) Actions in order of priority for Next Shift:

- Install top bars
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install windings

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent: Wednesday, August 25, 2021 4:45 AM
To: Baldassarre, Erich L (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Cc: Shanahan, Michael (FieldCore); Illgen, Scott (APM)
Subject: NS Daily Update During Outages - 08/24
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Best Regards,

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Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
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a GE company

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NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/24/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Jon Meacham
Day Shift GS:	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Rob Weekley /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Top bars

Completed:

-

3) Deviations from Program and Variances to the Scope:

-

4) Problems / Technical Issues:

Lightning Delay: 18:00 – 20:45

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Material still shipping, items are on track for rewind

7) Actions in order of priority for Next Shift:

- Install top bars
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install windings

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent: Wednesday, August 25, 2021 4:48 PM
To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Subject: Update 8.25 TECO Polk
Attachments: 08-25-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Michael Shanahan
PM – Regional Generator Specialist
FieldCore

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Michael.Shanahan1@ge.com

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/25/2021 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Jon Meacham
Day Shift GS:	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Rob Weekley /Josh Cabler	**W/L Night:** David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Assembling Top Bars & SRS
- Placed 2 stripped (Packaging) Top bars onto sawhorses
- Performed wedge map layout, the center wedge will split the centerline

Completed:

- Changed out Top bar boxes
- Completed welding the insert for the lead way cover.

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: DS None

The belly band shims need to be corrected, order the Hytorc equipment so we can correct

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

7) Actions in order of priority for Next Shift:

- Install top bars
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install windings

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

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Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent: Thursday, August 26, 2021 5:02 PM
To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Subject: Update 8.26 TECO Polk
Attachments: 08-26-2021 TECO-Polk_Unit1_Turnover DS.pdf

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TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

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GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/26/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Jon Meacham
Day Shift GS:	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Rob Weekley /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Assembling Top Bars & SRS (8 bars)
- Positive Covid test for 1 person on nights
- Do to contact tracing we secured night shift and had everyone get in touch with there manager and Core Health today. We are trying to replace the night shift crew by Sunday.
- Mark Rymarz will be back on site for Sunday Night Shift
- The GS, 6 winders & 1 SSP are quarantine.
- Day shift personal had no close contact with the person.
- Friday we will not be working but will be back on-site Saturday DS

Completed:

-

3) Deviations from Program and Variances to the Scope:

-

4) Problems / Technical Issues:

Lightning Delay: 1600 - 1730

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

-

7) Actions in order of priority for Next Shift:

- Install top bars
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install windings

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent: Saturday, August 28, 2021 5:06 PM
To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Subject: Update 8.28 TECO Polk
Attachments: 08-28-2021 TECO-Polk_Unit1_Turnover DS.pdf

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TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

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DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/28/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Rob Weekley /Josh Cabler	**W/L Night**: David Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Assembling Top Bars & SRS
- 2 winders arrived this morning, 1 arrived at 1000 do to travel problems a required rest.
- Night Shift scheduled to be here Sunday
- Night Shift GS is traveling and will be on-site Sunday

Completed:

-

3) Deviations from Program and Variances to the Scope:

-

4) Problems / Technical Issues:

Lightning Delay:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

-

7) Actions in order of priority for Next Shift:

- Install top bars Sunday Dayshift
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install windings

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

Sizemore, Ashley A.

From:	Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent:	Sunday, August 29, 2021 5:02 PM
To:	Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Subject:	update 8.29 TECO Polk
Attachments:	08-29-2021 TECO-Polk_Unit1_Turnover DS.pdf

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Michael Shanahan
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DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

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GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/29/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Kevin Brown / Barry Newman

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Assembling Top Bars & SRS
- Emptied Bar box removed,
- last Bar box moved to the deck with the 6 remaining bars
- Completed Belly bands shims, Bolt & Nut are welded

Completed:

- Belly Band

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Delay: 1530

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

7) Actions in order of priority for Next Shift:

- Continue Assembling Top Bars, Close up 5 remain
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install windings

10) Comments:

GE Notes:

TECO-POLK Plant Notes:

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Monday, August 30, 2021 4:26 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov, Yuriy (FieldCore)
Subject: RE: NS Daily Update During Outages - 08/29
Attachments: 08-29-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.

FieldCore
a GE company

Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

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a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/29/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Phil Riverin/Dan Sullivan	**W/L Night**: Kevin Brown/Barry Newman

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Assembling Top Bars & SRS

Completed:

- Closed up remaining top bars
- Setting top bar SRS

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: 1 hour

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

7) Actions in order of priority for Next Shift:

- Complete block and ties top bars
- Complete SRS
- Hipot top and bottom bars
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install windings

10) Comments:

GE Notes:

TECO-POLK Plant Notes:

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent: Monday, August 30, 2021 5:14 PM
To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Subject: Update 8.30 TECO Polk
Attachments: 08-30-2021 TECO-Polk_Unit1_Turnover DS.pdf

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TAMPA ELECTRIC COMPANY
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OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

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GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/30/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Kevin Brown / Barry Newman

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Tying and blocking top bars
- Off loaded truck for U3 outage
- Seating SRS

Completed:

-

3) Deviations from Program and Variances to the Scope:

-

4) Problems / Technical Issues:

Lightning Delay:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

-

7) Actions in order of priority for Next Shift:

- Continue blocking & tying
- Continue setting SRS
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Top & Bottom Hipot 64.6 KVDC
- Wedge

10) Comments:

GE Notes:

TECO-POLK Plant Notes:

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DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Tuesday, August 31, 2021 4:15 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov, Yuriy (FieldCore)
Subject: RE: NS Daily Update During Outages - 08/30
Attachments: 08-30-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.

FieldCore
a GE company
Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

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a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/30/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Kevin Brown / Barry Newman

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Tying and blocking top bars
- Off loaded truck for U3 outage
- Seating SRS

Completed:

- Completed seating SRS
- Continued tying and blocking top bars

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: 1 hour

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

7) Actions in order of priority for Next Shift:

- Complete blocking & tying
- Hipot top and bottom bars
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Top & Bottom Hipot 64.6 KVDC
- Wedge

10) Comments:

GE Notes:

TECO-POLK Plant Notes:

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Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent: Tuesday, August 31, 2021 12:49 PM
To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Subject: Update

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All bars have been assembled/blocked & tied

Currently have placed the Bake Oven on the Unit to improve Megger readings for testing. Requirement for testing is 1Gohms in 1 minute @5000vdc

Michael Shanahan
PM – Regional Generator Specialist
FieldCore

M +1 813 928 3581
Michael.Shanahan1@ge.com

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent: Tuesday, August 31, 2021 5:29 PM
To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Subject: Update 8.31 TECO Polk
Attachments: 08-31-2021 TECO-Polk_Unit1_Turnover DS.pdf; TECO Polk CCSR High Voltage Testing Summary.pdf

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Miguel
We will install Slot couplers tomorrow, if you want to see it

Results for the Hipot test is attached

Michael Shanahan
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TAMPA ELECTRIC COMPANY
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FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

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GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/31/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Kevin Brown / Barry Newman

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Material on deck to start wedging

Completed:

- Inspected SRS
- Completed tying Top & Bottom Bars
- Blew out core
- Performed Top & Bottom bar Hipot at 64.6 KVDC & Meggers Satisfactory
- Check RTD's Post Hipot Satisfactory

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Delay:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- L Straps order from Gerome & PCT, partial shipment on Monday

7) Actions in order of priority for Next Shift:

- Verify wedge layout
- Start setting center wedges
- Perform bar movement checks
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Wedge

10) Comments:

GE Notes:

TECO-POLK Plant Notes:

High Voltage Test Results (Summary) - Polk - Unit 1 - 337X011

HVB & Connection Rings Test Results @ 64.6 KVDC for 1 Minute (2E + 2000 x 1.7)

Condition	Test Voltage	Leakage Current	Reactor Gap%	Pre Hipot Megger	Post Hipot Megger	Date / Time
T1,T2,T3,T4,T5,T6	64.6 KVDC	500 ua	NA	11300 Mohms	29600M	7/29/2021 1100
T1 - T4 (A)	64.6 KVDC	75 ua	NA	73000 Mohms	75500 Mohms	8.23.2021 08:00
T2 - T5 (B)	64.6 KVDC	115 ua	NA	116000 Mohms	134000 Mohms	8.23.2021 08:00
T3 - T6 (C)	64.6 KVDC	100 ua	NA	81600 Mohms	84600 Mohms	8.23.2021 08:00

Bottom Bar Hi-pot Test Results @ 66.3 KVDC for 1 Minute (2E + 3000)

Bottom Bars in The Slot	Test Voltage	Output Current	Reactor Gap%	Pre Hipot Megger	Post Hipot Megger	Date / Time
T1 - T4 (A) (26-35 / 56-5)	66 KVDC	500 ua	NA	1100 Mohms	1150 Mohms	8.23.2021 08:00
T2 - T5 (B) (46-55 / 16-25)	66 KVDC	400 ua	NA	1210 Mohms	1440 Mohms	8.23.2021 08:00
T3 - T6 © (6-15 / 36-45)	66 KVDC	400 ua	NA	1510 Mohms	1060 Mohms	8.23.2021 08:00

Top & Bottom Bar Pre-Wedge Hi-pot Test Results @ 38 KVAC or 64.6 KVDC for 1 Minute (2E + 2000)

Top/Bottom Bars in The Slot	Test Voltage	Leakage Current	Reactor Gap%	Pre Hipot Megger	Post Hipot Megger	Date / Time
T1 (A)	64.6 KVDC	130 ua		1080 Mohms	3120 Mohms	8/31/21 1600
T2 (B)	64.6 KVDC	80 ua		1560 Mohms	3440 Mohms	8/31/21 1600
T3 (C)	64.6 KVDC	60 ua		1120 Mohms	2920 Mohms	8/31/21 1600
T4 (A)	64.6 KVDC	145 ua		1270 Mohms	2460 Mohms	8/31/21 1600
T5 (B)	64.6 KVDC	210 ua		1010 Mohms	2180 Mohms	8/31/21 1600
T6 (C)	64.6 KVDC	130 ua		2480 Mohms	2760 Mohms	8/31/21 1600

Top & Bottom Bar Post-Wedge Hi-pot Test Results @ 63 KVDC for 1 Minute (2E + 1500)(OPTIONAL)

Top/Bottom Bars in The Slot	Test Voltage	Output Current	Reactor Gap%	Pre Hipot Megger	Post Hipot Megger	Date / Time
T1 (A)						
T2 (B)						
T3 (C)						
T4 (A)						
T5 (B)						
T6 (C)						

Final Assembly DC Leakage Results @ (2E) or 36 KVDC

Final	Test Voltage	Leakage Current	Reactor Gap%	Pre Hipot Megger	Post Hipot Megger	Date / Time
T1 -T4						
T2 - T5						
T3 - T6						

Final Assembly DC Hi-pot Test Results @ (1.5E x 1.7) or 45.9 KVDC for 1 Minute

Final	Test Voltage	Leakage Current	Reactor Gap%	Pre Hipot Megger	Post Hipot Megger	Date / Time
T1 -T4						
T2 - T5						
T3 - T6						

Final Assembly Hi-pot Test Results @ 63 KVDC for 1 Minute (2E + 1000)

Final	Test Voltage	Output Current	Reactor Gap%	Pre Hipot Megger	Post Hipot Megger	Date / Time
T1 -T4						
T2 - T5						
T3 - T6						

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Tuesday, August 31, 2021 9:05 PM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov, Yuriy (FieldCore)
Subject: RE: NS Daily Update During Outages - 08/31
Attachments: 08-31-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.

FieldCore
a GE company
Mark Rymarz
Generator Specialist
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Cell: 609-569-6184
Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/31/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Kevin Brown / Barry Newman

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Material on deck to start wedging

Completed:

- Crew sent home due to suspect covid case of one of the winder crew.
-

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Delay:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- L Straps order from Gerome & PCT, partial shipment on Monday

7) Actions in order of priority for Next Shift:

- Verify wedge layout
- Start setting center wedges
- Perform bar movement checks
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Wedge

10) Comments:

GE Notes:

TECO-POLK Plant Notes:

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent: Wednesday, September 1, 2021 4:51 PM
To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Subject: Update 9.1 TECO Polk
Attachments: 09-01-2021 TECO-Polk_Unit1_Turnover DS.pdf

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TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

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GE Power Services Quality Manual

NIGHT SHIFT TURNOVER NOTES

TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 08/31/2021 **Shift**: Day	**Shift**: Night Quarantined
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Kevin Brown / Barry Newman

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Started setting Center wedges
- Assembling SSC (Stator Slot Couplers)

Completed:

-

3) Deviations from Program and Variances to the Scope:

-

4) Problems / Technical Issues:

Lightning Delay: 0700-0825 / 1200-1330 / 1420-1515 /

5) Items for Coordination with Others:

Winder completed PCR test @ 1500, 3 to 5 days for testing results. Until results come back NS is quarantined

6) Parts / Spares / Tooling Issues:

- L Straps order from Gerome & PCT, partial shipment picked up Tuesday Hot Shot NCR-20210901-1273 Bar lineup problems required modified Series Loop Straps / ER-20210831-0793 Axial mis-alignment between top & bottom bars

7) Actions in order of priority for Next Shift: No Night Shift

- Continue wedging
- Perform bar movement checks
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Wedge

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent: Thursday, September 2, 2021 5:22 PM
To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Cc: Berger, Greg (FieldCore)
Subject: Update 9.2 TECO Polk
Attachments: 09-02-2021 TECO-Polk_Unit1_Turnover DS.pdf

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We will have a NS starting tomorrow night (2 winders). Additional winder arriving Saturday and 2 more on Sunday

Michael Shanahan
PM – Regional Generator Specialist
FieldCore

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Michael.Shanahan1@ge.com

FieldCore
a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 09/2/2021 **Shift**: Day	**Shift**: Night Quarantined
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Kevin Brown / Barry Newman

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Completed bar movement checks on CE
-

Completed:

- Completed setting Center wedges
- Removed RTD glands

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Delay:

5) Items for Coordination with Others:

Winder completed PCR test @ 1500, 3 to 5 days for testing results. Until results come back NS is quarantined
We are going to have 2 winders coming in tomorrow NS, remaining replacement winders arriving Saturday & Sunday

6) Parts / Spares / Tooling Issues:

- L Straps order from Gerome & PCT, partial shipment picked up Tuesday Hot Shot NCR-20210901-1273 Bar lineup problems required modified Series Loop Straps / ER-20210831-0793 Axial mis-alignment between top & bottom bars

7) Actions in order of priority for Next Shift: No Night Shift

- Continue wedging
- Perform bar movement checks TE
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Wedge

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes*:

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent: Friday, September 3, 2021 5:01 PM
To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Subject: update 9.3 TECO Polk
Attachments: 09-03-2021 TECO-Polk_Unit1_Turnover DS.pdf

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TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

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GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 09/3/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Kevin Brown / Barry Newman

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Continued wedging
- Started replace the Gas RTD's

Completed:

- 40 L series loop straps arrived from Gerome

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Delay: 1425-1730

5) Items for Coordination with Others:

Winder completed PCR test @ 1500, 3 to 5 days for testing results. Until results come back NS is quarantined
We are going to have 2 winders coming tonight NS, remaining replacement winders arriving Saturday & Sunday

6) Parts / Spares / Tooling Issues:

- L Straps order from Gerome & PCT, partial shipment picked up Tuesday Hot Shot NCR-20210901-1273 Bar lineup problems required modified Series Loop Straps / ER-20210831-0793 Axial mis-alignment between top & bottom bars

7) Actions in order of priority for Next Shift: 2 winders, GS, SSP

- Continue wedging
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Wedge

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes*:

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent: Saturday, September 4, 2021 5:00 PM
To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey, David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Subject: Update 9.4 TECO Polk
Attachments: 09-04-2021 TECO-Polk_Unit1_Turnover DS.pdf

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TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

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GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 09/4/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Kevin Brown / Barry Newman

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Continued wedging, Body wedges completed.
- Started fitting phase straps & series loop straps
- Routed slot RTD wires thru conduit
- Moved the empty Stator bar Boxes & Connection ring boxes to Unit 5 Lay down area

Completed:

- Completed replacing the Gas RTD's

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Delay:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Hot Shot picking up L straps Tuesday

7) Actions in order of priority for Next Shift: 3 winders, GS, SSP

- Start on End Wedges wedging
- Start wedge map
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Wedge

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Sunday, September 5, 2021 4:52 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov, Yuriy (FieldCore)
Subject: RE: NS Daily Update During Outages - 09/04
Attachments: 09-04-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.

FieldCore
a GE company

Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 09/4/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Bryce Cloward

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) - Reptiles

2) Summary of Progress:

Initiated:

- Completed end wedge installation
-

Completed:

- Completed replacing the Gas RTD's

3) Deviations from Program and Variances to the Scope:

-

4) Problems / Technical Issues:

Lightning Delay: 2.5 hours

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Hot Shot picking up L straps Tuesday

7) Actions in order of priority for Next Shift: 3 winders, GS, SSP

- Perform Hipot
- Perform Elcid
- Start wedge map
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Wedge

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

Sizemore, Ashley A.

From: Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent: Sunday, September 5, 2021 4:48 PM
To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey, David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Subject: Update 9.5 TECO Polk
Attachments: 09-05-2021 TECO-Polk_Unit1_Turnover DS.pdf

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TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 09/5/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Kevin Brown / Barry Newman

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles
- EE tripped and fell, hurt his right hip. Everyone notified EE was sent to Bay Care Urgent Care in Lakeland, FL. He is going to return with restrictions.
-

2) Summary of Progress:

Initiated:

- End Wedges are installed they still need to have the pins epoxied.
- Setting up for Final Elcid test

Completed:

- Setup for Post wedge Hipot test @ 63 KVDC, megger reading were lower. Put heat on it for 3 hrs.
- Completed Hipot test & Pre / Post Meggers Satisfactory (results attached)
- Performed post checks for RTD's & SSC

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Delay:

5) Items for Coordination with Others:

6 winders for NS, Dave Hansen returning tonight

6) Parts / Spares / Tooling Issues:

- Hot Shot picking up L straps Tuesday

7) Actions in order of priority for Next Shift:

- Perform Elcid
- Start wedge map
- Blow out core & Paint
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Elcid / Wedge Map / Paint Core

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes*:

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Monday, September 6, 2021 4:51 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov, Yuriy (FieldCore)
Subject: RE: NS Daily Update During Outages - 09/05
Attachments: 09-05-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.

FieldCore
a GE company
Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 09/5/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS:	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Dave Hansen

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles
- EE tripped and fell, hurt his right hip. Everyone notified EE was sent to Bay Care Urgent Care in Lakeland, FL. He is going to return with restrictions.
-

2) Summary of Progress:

Initiated:

- End Wedges are installed they still need to have the pins epoxied.
- Setting up for Final Elcid test

Completed:

- Performed Elcid – SAT/Dec file is in the box
- Pinned and epoxied endwedges
- Completed wedge tap – SAT/CSV file is in the box
- Blew down core and vacuumed out belly of generator
- Masked off core and painted

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Delay:

5) Items for Coordination with Others:

5 winders tonight/Francisco to arrive tomorrow night

6) Parts / Spares / Tooling Issues:

- Hot Shot picking up L straps Tuesday

7) Actions in order of priority for Next Shift:

- Complete fit-up of series and phase connections
- Start brazing
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Elcid / Wedge Map / Paint Core

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

Sizemore, Ashley A.

From:	Shanahan, Michael (FieldCore) <Michael.Shanahan1@ge.com>
Sent:	Sunday, September 5, 2021 5:01 PM
To:	Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey, David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Subject:	Update 9.5.2021 Testing Summary
Attachments:	TECO Polk CCSR High Voltage Testing Summary 9.5.2021.pdf

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Michael Shanahan
PM – Regional Generator Specialist
FieldCore

M +1 813 928 3581
Michael.Shanahan1@ge.com

High Voltage Test Results (Summary) - Polk - Unit 1 - 337X011

HVB & Connection Rings Test Results @ 64.6 KVDC for 1 Minute (2E + 2000 x 1.7)

Condition	Test Voltage	Leakage Current	Reactor Gap%	Pre Hipot Megger	Post Hipot Megger	Date / Time
T1,T2,T3,T4,T5,T6	64.6 KVDC	500 ua	NA	11300 Mohms	29600M	7/29/2021 1100
T1 - T4 (A)	64.6 KVDC	75 ua	NA	73000 Mohms	75500 Mohms	8.23.2021 08:00
T2 - T5 (B)	64.6 KVDC	115 ua	NA	116000 Mohms	134000 Mohms	8.23.2021 08:00
T3 - T6 (C)	64.6 KVDC	100 ua	NA	81600 Mohms	84600 Mohms	8.23.2021 08:00

Bottom Bar Hi-pot Test Results @ 66.3 KVDC for 1 Minute (2E + 3000)

Bottom Bars in The Slot	Test Voltage	Output Current	Reactor Gap%	Pre Hipot Megger	Post Hipot Megger	Date / Time
T1 - T4 (A) (26-35 / 56-5)	66 KVDC	500 ua	NA	1100 Mohms	1150 Mohms	8.23.2021 08:00
T2 - T5 (B) (46-55 / 16-25)	66 KVDC	400 ua	NA	1210 Mohms	1440 Mohms	8.23.2021 08:00
T3 - T6 © (6-15 / 36-45)	66 KVDC	400 ua	NA	1510 Mohms	1060 Mohms	8.23.2021 08:00

Top & Bottom Bar Pre-Wedge Hi-pot Test Results @ 38 KVAC or 64.6 KVDC for 1 Minute (2E + 2000)

Top/Bottom Bars in The Slot	Test Voltage	Leakage Current	Reactor Gap%	Pre Hipot Megger	Post Hipot Megger	Date / Time
T1 (A)	64.6 KVDC	130 ua		1080 Mohms	3120 Mohms	8/31/21 1600
T2 (B)	64.6 KVDC	80 ua		1560 Mohms	3440 Mohms	8/31/21 1600
T3 (C)	64.6 KVDC	60 ua		1120 Mohms	2920 Mohms	8/31/21 1600
T4 (A)	64.6 KVDC	145 ua		1270 Mohms	2460 Mohms	8/31/21 1600
T5 (B)	64.6 KVDC	210 ua		1010 Mohms	2180 Mohms	8/31/21 1600
T6 (C)	64.6 KVDC	130 ua		2480 Mohms	2760 Mohms	8/31/21 1600

Top & Bottom Bar Post-Wedge Hi-pot Test Results @ 63 KVDC for 1 Minute (2E + 1500)(OPTIONAL)

Top/Bottom Bars in The Slot	Test Voltage	Output Current	Reactor Gap%	Pre Hipot Megger	Post Hipot Megger	Date / Time
T1 (A)	63 KVDC	80 ua		2860 Mohms	3300 Mohms	9/5/2021 1600
T2 (B)	63 KVDC	130 ua		3060 Mohms	2940 Mohms	9/5/2021 1600
T3 (C)	63 KVDC	120 ua		2700 Mohms	2760 Mohms	9/5/2021 1600
T4 (A)	63 KVDC	110 ua		3420 Mohms	2800 Mohms	9/5/2021 1600
T5 (B)	63 KVDC	110 ua		2780 Mohms	2780 Mohms	9/5/2021 1600
T6 (C)	63 KVDC	110 ua		3260 Mohms	3140 Mohms	9/5/2021 1600

Final Assembly DC Leakage Results @ (2E) or 36 KVDC

Final	Test Voltage	Leakage Current	Reactor Gap%	Pre Hipot Megger	Post Hipot Megger	Date / Time
T1 -T4						
T2 - T5						
T3 - T6						

Final Assembly DC Hi-pot Test Results @ (1.5E x 1.7) or 45.9 KVDC for 1 Minute

Final	Test Voltage	Leakage Current	Reactor Gap%	Pre Hipot Megger	Post Hipot Megger	Date / Time
T1 -T4						
T2 - T5						
T3 - T6						

Final Assembly Hi-pot Test Results @ 63 KVDC for 1 Minute (2E + 1000)

Final	Test Voltage	Output Current	Reactor Gap%	Pre Hipot Megger	Post Hipot Megger	Date / Time
T1 -T4						
T2 - T5						
T3 - T6						

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From:	Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent:	Monday, September 6, 2021 5:07 PM
To:	Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey, David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Meacham, Jonathon (FieldCore); Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Cc:	Illgen, Scott (APM)
Subject:	DS Daily Update During Outages - 09/06
Attachments:	09-06-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All'

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 09/6/2021 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night:** Dave Hansen

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles
- EE returned to work that fell yesterday and was able to work all day without any issues.

2) Summary of Progress:

Initiated:

- Setting up for brazing
- Cleaning generator belly

Completed:

- Ran torch lines
- Cut cooper net for brazing
- Cut L-plates for CE ~ 7 sets were used and are stamped with slot numbers
- Cut L-plates for TE ~ Slots 13 -31 are stamped with slot numbers

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Delay: 12:00 – 14:30, 16:00 – 17:30

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Hot Shot picking up L straps Tuesday
- Slots 31 – 55 need more L-plates

7) Actions in order of priority for Next Shift:

- Snoop torch lines
- Finish packing cooper net
- Clean copper straps
- Clean bar clips in preparation for brazing
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Braze series straps, Braze phase strap,

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Tuesday, September 7, 2021 4:22 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov, Yuriy (FieldCore)
Subject: RE: NS Daily Update During Outages - 09/06
Attachments: 09-06-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.

FieldCore
a GE company

Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 09/6/2021 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night:** Dave Hansen/Sterling Taylor

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles
- EE returned to work that fell yesterday and was able to work all day without any issues.

2) Summary of Progress:

Initiated:

- Setting up for brazing
- Cleaning generator belly

Completed:

- Completed packing cooper knit / added the fire tape on all the bars
- Cleaned all the series straps
- Started sweating bar clips/CE ~65% complete/TE ~80% complete

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Delay: 1hr 45 min

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Hot Shot picking up L straps Tuesday
- Slots 31 – 55 need more L-plates

7) Actions in order of priority for Next Shift:

- Complete cleaning bar clips for brazing
- Verify generator drains are clear before installing coolers
- Start brazing connections
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Braze series straps, Braze phase strap,

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

Sizemore, Ashley A.

From:	Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent:	Tuesday, September 7, 2021 5:45 PM
To:	Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey, David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Meacham, Jonathon (FieldCore); Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore)
Cc:	Illgen, Scott (APM)
Subject:	DS Daily Update During Outages - 09/07
Attachments:	09-07-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed today.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 09/7/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS**:
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Dave Hansen

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles

2) Summary of Progress:

Initiated:

- Setting up for brazing
- Assembling RTD glands

Completed:

- Cleaning bar clips on CE
- Cleaning straps for CE
- Removing epoxy from CE and TE bar clips
- Cleaning generator belly

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: 12:30 – 13:05, 15:08 – 17:00

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Hot Shot picked up 50 L straps today

7) Actions in order of priority for Next Shift:

- Clean copper straps ~ TE
- Clean bar clips in preparation for brazing ~ TE
- Start brazing ~ CE
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Braze series straps, Braze phase strap,

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Wednesday, September 8, 2021 3:44 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov, Yuriy (FieldCore)
Subject: RE: NS Daily Update During Outages - 09/07
Attachments: 09-07-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.

FieldCore
a GE company

Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
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FieldCore
a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 09/7/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS**:
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Dave Hansen/ Sterling Taylor

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles

2) Summary of Progress:

Initiated:

- Setting up for brazing
- Assembling RTD glands

Completed:

- Started brazing CE – 13 series and 5 phase connections complete
- Cleaned TE bars for brazing
- Started brazing TE – 15 series connections complete

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Delay: None

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Hot Shot picked up 50 L straps today

7) Actions in order of priority for Next Shift:

- Continue brazing CE/TE
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Braze series straps, Braze phase strap,

10) Comments:

GE Notes:

TECO-POLK Plant Notes:

GE PROPRIETARY
UNCONTROLLED WHEN PRINTED

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent: Wednesday, September 8, 2021 5:01 PM
To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey, David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Meacham, Jonathon (FieldCore); Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore); Bombe, Tony (FieldCore)
Subject: DS Daily Update During Outages - 09/08
Attachments: 09-08-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
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FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 09/8/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS**:
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Dave Hansen

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles

2) Summary of Progress:

Initiated:

- Assembled RTD glands applied first torque
- Cleaning on generator coolers
- Continued brazing

Completed:

- Removed bake oven from cooler scaffolding and relocated to dance floor

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Delay: 16:00 – 17:30

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Received the last of the L-straps
-

7) Actions in order of priority for Next Shift:

- Continue brazing
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Braze series straps, Braze phase strap,

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent: Friday, September 10, 2021 5:24 PM
To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey, David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Meacham, Jonathon (FieldCore); Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore); Bombe, Tony (FieldCore); Illgen, Scott (APM)
Subject: DS Daily Update During Outages - 09/10
Attachments: 09-10-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Thanks,

Jon Meacham
Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 09/10/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS**:
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Dave Hansen / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles

2) Summary of Progress:

Initiated:

- Reflowing TE braze connections
- Cogebi CE top bars

Completed:

- Installed tent over field
- Tested common gas RTD #24
- Performed inspection on TE and CE braze connections ~ Touch up brazing
- Reflowed three straps on CE
- Shipped El-Cid and wedge tapper

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: 13:15 – 17:30

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Received the last of the L-straps from PCT
-

7) Actions in order of priority for Next Shift:

- Continue touch up brazing TE
- Continue Cogebi on CE
- Start capping
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Finish brazing TE, Installing Caps, Install Blocking

10) Comments:

-
-

GE Notes:

TECO-POLK Plant Notes:

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent: Saturday, September 11, 2021 5:32 PM
To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey, David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Meacham, Jonathon (FieldCore); Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore); Bombe, Tony (FieldCore); Illgen, Scott (APM)
Subject: DS Daily Update During Outage - 09/11
Attachments: 09-11-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

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FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 09/11/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Barry Newman / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles

2) Summary of Progress:

Initiated:

- Cleaning TE series brazes

Completed:

- Tying CE caps ~ Applying heat to cure ties
- Brazing TE series straps

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Delay:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

-
-

7) Actions in order of priority for Next Shift:

- Clean TE series brazes
- Measure insulation coverage of cap ~ TE
- Apply Cogebi to areas that need it per OSR ~ TE
- Start capping ~ TE
- Insulate phase connections ~ CE
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Installing Caps, Install Blocking,

10) Comments:

- **LES Bump Test Tech will be onsite Tuesday**

GE Notes:

TECO-POLK Plant Notes:

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent: Sunday, September 12, 2021 5:40 PM
To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey, David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Meacham, Jonathon (FieldCore); Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore); Bombe, Tony (FieldCore); Illgen, Scott (APM)
Subject: DS Daily Update During Outages - 09/12
Attachments: 09-12-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 09/12/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS**:
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Barry Newman / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles

2) Summary of Progress:

Initiated:

- Changing out loose bar ties ~ CE

Completed:

- Insulating CE phase straps
- Staged TE bake oven on scaffolding
- Applied Cogebi to TE
- Installed Flux Probe

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Delay:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

7) Actions in order of priority for Next Shift:

- Continue replacing the bar ties on CE
- Install caps on TE
- Replace bar ties on TE
- Make bake covers for CE and TE
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Installing Caps, Install Blocking, Bake

10) Comments:

- **LES Bump Test Tech will be onsite Tuesday**

GE Notes:

TECO-POLK Plant Notes:

GE PROPRIETARY
UNCONTROLLED WHEN PRINTED

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Thursday, September 9, 2021 3:36 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov, Yuriy (FieldCore)
Subject: RE: NS Daily Update During Outages - 09/08
Attachments: 09-08-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.

FieldCore
a GE company

Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 09/8/2021 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night:** Dave Hansen

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles

2) Summary of Progress:

Initiated:

- Assembled RTD glands applied first torque
- Cleaning on generator coolers
- Continued brazing

Completed:

- Continued brazing
- Started fitting up the BTM bar phase straps
- Started cleaning TE completed braze joints

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Delay: None

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Received the last of the L-straps
-

7) Actions in order of priority for Next Shift:

- Continue brazing
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Braze series straps, Braze phase strap,

10) Comments:

- **CE ~ 2 series and 6 bottom phase straps remaining**
- **TE ~ 20 remaining straps**

GE Notes:

TECO-POLK Plant Notes:

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent: Thursday, September 9, 2021 5:11 PM
To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey, David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Meacham, Jonathon (FieldCore); Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore); Bombe, Tony (FieldCore); Illgen, Scott (APM)
Subject: DS Daily Updates During Outages - 09/09
Attachments: 09-09-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
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SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 09/9/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Dave Hansen

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles

2) Summary of Progress:

Initiated:

- Continued brazing

Completed:

- Received the field from the shop and performed acceptance Megger ~ Satisfactory
- Tarped field

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: 12:35 – 13:15, 13:30 – 17:30

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Received the last of the series straps

7) Actions in order of priority for Next Shift:

- Continue brazing
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Braze series straps, Braze phase strap,

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Friday, September 10, 2021 3:59 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov, Yuriy (FieldCore)
Subject: RE: NS Daily Update During Outages - 09/09
Attachments: 09-09-2021 TECO-Polk_Unit1_Turnover NS.pdf

See attached NS Daily turnover.

FieldCore
a GE company

Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
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a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

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Day Shift GS: Jon Meacham	
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1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles

2) Summary of Progress:

Initiated:

- Continued brazing

Completed:

- Completed brazing CE and inspected
- Released CE for cooper knit removal and started cleaning
- Completed brazing TE. Inspection still needs to be completed
- Cut patch for insulating/stored in bins in the SSL

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: None

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Received the last of the series straps
-

7) Actions in order of priority for Next Shift:

- TE brazing/inspection
- Continue cleaning CE/TE
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Braze series straps, Braze phase strap,

10) Comments:

-

GE Notes:

TECO-POLK Plant Notes:

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Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Saturday, September 11, 2021 3:46 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov, Yuriy (FieldCore)
Subject: RE: NS Daily Update During Outages - 09/10
Attachments: 09-10-2021 TECO-Polk_Unit1_Turnover NS.pdf

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GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

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1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles

2) Summary of Progress:

Initiated:

- Reflowing TE braze connections
- Cogebi CE top bars

Completed:

- CE Cogebi repairs
- CE Cap installation Complete/put on heat for a couple hours
- TE continued brazing

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Delay: ~1.5 hours

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Received the last of the L-straps from PCT
-

7) Actions in order of priority for Next Shift:

- Complete TE brazing
- Clean up and Cogebi repairs on TE
- Block/tie CE caps
- Insulation phase connections
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Finish brazing TE, Installing Caps, Install Blocking

10) Comments:

-
-

GE Notes:

TECO-POLK Plant Notes:

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Sunday, September 12, 2021 4:10 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov, Yuriy (FieldCore)
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337X011

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Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS**:
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1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles

2) Summary of Progress:

Initiated:

- Cleaning TE series brazes

Completed:

- Continued cleaning TE joints
- Insulating phase connections

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: ½ hour

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

7) Actions in order of priority for Next Shift:

- Complete cleaning TE
- Start Cogebi repairs
- Complete insulating phase straps
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Installing Caps, Install Blocking,

10) Comments:

- **LES Bump Test Tech will be onsite Tuesday**

GE Notes:

TECO-POLK Plant Notes:

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Sent: Monday, September 13, 2021 5:32 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov, Yuriy (FieldCore)
Subject: RE: NS Daily Update During Outages - 09/12
Attachments: 09-12-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.

FieldCore
a GE company

Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 09/12/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS**:
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Barry Newman / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles

2) Summary of Progress:

Initiated:

- Changing out loose bar ties ~ CE

Completed:

- Completed ties on CE
- Setup for CE bake put heat on ~0200
- Capped TE series loops and put on heat for a few hours
- Performed winding resistance - SAT

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:
Lightning Delay: NONE

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

7) Actions in order of priority for Next Shift:

- Continue CE bake
- Replace ties on TE
- Block/Tie TE series caps
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Installing Caps, Install Blocking, Bake

10) Comments:

- **LES Bump Test Tech will be onsite Tuesday**

GE Notes:

TECO-POLK Plant Notes:

GE PROPRIETARY
UNCONTROLLED WHEN PRINTED

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent: Monday, September 13, 2021 5:37 PM
To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey, David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Meacham, Jonathon (FieldCore); Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore); Bombe, Tony (FieldCore); Illgen, Scott (APM)
Subject: DS Daily Update During Outages - 09/13
Attachments: 09-13-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work complete.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 09/13/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS**:
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Barry Newman / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles

2) Summary of Progress:

Initiated:

- Changing out loose bar ties ~ TE
- Continued bake ~ Started bake time @ 14:00 all TC's reached 100.C
- Started packing bulk van and doing a roll back on generator

Completed:

- Completed cutting cap blocks for TE ~ number and labeled

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: 14:35 – 16:45

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Shipping out leftover punchings 9/14/2021

7) Actions in order of priority for Next Shift:

- Continue replacing the bar ties on TE
- Fill voids in TE caps ~ 47, 9 – 15.
- Start tying in cap blocks
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install Cap Blocking, Bake TE,

10) Comments:

- **LES Bump Test Tech will be onsite Tuesday**

GE Notes:

TECO-POLK Plant Notes:

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Tuesday, September 14, 2021 5:50 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov, Yuriy (FieldCore)
Subject: RE: NS Daily Update During Outages - 09/13
Attachments: 09-13-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.

FieldCore
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Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 09/13/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Barry Newman / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles

2) Summary of Progress:

Initiated:

- Completed replacing bar ties on TE
- Block/Tied TE caps
- Continued Bake on CE

Completed:

- Completed cutting cap blocks for TE ~ number and labeled

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: 1.5 hours

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Shipping out leftover punchings 9/14/2021

7) Actions in order of priority for Next Shift:

- Complete CE bake
- Fill in caps on TE
- Set up and start bake
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Install Cap Blocking, Bake TE,

10) Comments:

- **LES Bump Test Tech will be onsite Tuesday**

GE Notes:

TECO-POLK Plant Notes:

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Wednesday, September 15, 2021 5:00 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov, Yuriy (FieldCore)
Subject: RE: NS Daily Update During Outages - 09/14
Attachments: 09-14-2021 TECO-Polk_Unit1_Turnover NS.pdf

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Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
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FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 09/14/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Barry Newman / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles

2) Summary of Progress:

Initiated:

- TE bake cycle ~ Started oven @ 13:00 @ 50C

Completed:

- Masked off CE and painted HVB and Endwinding
- Continued monitoring TE bake/reached 100C at 0200

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: 3 hours

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Shipped out lamination to GE factory

7) Actions in order of priority for Next Shift:

- Continue TE bake cycle
- Unmask CE HVB when endwinding is dry/ touch up if neccesary
- Bump test CE
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Bake TE, Paint CE, Bump test, Final Hipot

10) Comments:

- **LES Bump Test Tech will be onsite Wednesday**

GE Notes:

TECO-POLK Plant Notes:

Sizemore, Ashley A.

From: Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent: Wednesday, September 15, 2021 1:19 PM
To: Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey, David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Meacham, Jonathon (FieldCore); Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore); Bombe, Tony (FieldCore); Illgen, Scott (APM)
Subject: DS Daily Updates During Outages 09/14
Attachments: 09-14-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

All please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 09/14/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS**:
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Barry Newman / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles

2) Summary of Progress:

Initiated:

- TE bake cycle ~ Started oven @ 13:00 @ 50C

Completed:

- Completed CE bake @ 6:30
- Completed cool down @ 11:00
- Removed covers and placed them on the TE
- Completed replacing bar ties ~ TE
- Tied connection rings blocks in 5 locations
- Applied red-eye to bar ties ~ CE

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: 15:00 – 17:30

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Shipped out lamination to GE factory

7) Actions in order of priority for Next Shift:

- Continue bake cycle
- Paint CE after ties cure ~ Don't paint suppression paint at slot exits at OSSB
- Continue demobing
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Bake TE, Paint CE, Bump test, Final Hipot

10) Comments:

- **LES Bump Test Tech will be onsite Wednesday**

GE Notes:

TECO-POLK Plant Notes:

GE PROPRIETARY
UNCONTROLLED WHEN PRINTED

Sizemore, Ashley A.

From:	Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent:	Wednesday, September 15, 2021 5:23 PM
To:	Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey, David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Meacham, Jonathon (FieldCore); Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore); Bombe, Tony (FieldCore); Illgen, Scott (APM)
Subject:	DS Daily Turnover During Outages - 09/15
Attachments:	09-15-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
FieldCore
a GE company

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 09/15/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS**:
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Barry Newman / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles

2) Summary of Progress:

Initiated:

- TE cool down cycle
- Continued demobing

Completed:

- Completed TE bake @ 14:30
- Bump test on CE

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: 17:00 – 17:30

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Tools are scheduled for pick up on Sept 18, 2021

7) Actions in order of priority for Next Shift:

- Continue cool down cycle
- Cut duct board from bake into pieces and place in dumpster
- Break down TE bake oven and disconnect from main PDU
- Apply red-eye to bar ties on TE w/ zero gravity gun
- Knock off epoxy drips from ties on TE and CE
- Remove masking from HVB's
- Remove masking from air shield flange
- Remove rags from between the bars
- Paint #1 slot with red paint for future Magic Inspections
- Continue demobing
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Bump test TE, Final Hipot, Paint TE end windings,

10) Comments:

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TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Thursday, September 16, 2021 12:29 AM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov, Yuriy (FieldCore)
Subject: RE: NS Daily Update During Outages - 09/15
Attachments: 09-15-2021 TECO-Polk_Unit1_Turnover NS.pdf

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See attached NS Daily turnover.

FieldCore
a GE company
Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
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FieldCore
a GE company

GE Power Services Quality Manual
NIGHT SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 09/15/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night:** Barry Newman / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles

2) Summary of Progress:

Initiated:

- TE cool down cycle
- Continued demobing

Completed:

- Completed Cooldown cycle and broke down ductboard
- Removed masking from CE
- Disconnected power from TE bakeoven/rolled back cable and placed on pallet
- Removed floor boards on TE and cleaned below and replaced
- Packed up bake oven duct etc..
- Set CE bake oven on 40C to keep winding dry
- Continued demob

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay: None

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Tools are scheduled for pick up on Sept 18, 2021
-

7) Actions in order of priority for Next Shift:

- Perform TE bump test
- Perform stator electrical testing
- Set up for paint of TE and paint
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Bump test TE, Final Hipot, Paint TE end windings,

10) Comments:

-

- *GE Notes:*
- *TECO-POLK Plant Notes:*

Sizemore, Ashley A.

From:	Meacham, Jonathon (FieldCore) <Jonathon.Meacham@ge.com>
Sent:	Thursday, September 16, 2021 5:22 PM
To:	Baldassarre, Erich L (GE Gas Power); Bhatt, Sid; Bonniwell, Jerry (GE Gas Power); Cathey, David (FieldCore); Childers, Sherrod (FieldCore); Crotts, Mary; Dilport, Nate; Fowler, Bill R.; Hall, Brian L.; Hayes, Peter (FieldCore); Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Meacham, Jonathon (FieldCore); Ortiz, Miguel A.; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; Rymarz, Mark (FieldCore); 'tamills@tecoenergy.com'; Thompson, Brian R (GE Gas Power); Torbert, Justin D.; Walton, Gary (FieldCore); Williams, Tammy (FieldCore); Bombe, Tony (FieldCore); Illgen, Scott (APM)
Subject:	DS Daily Updates During Outages - 09/16
Attachments:	09-16-2021 TECO-Polk_Unit1_Turnover DS.pdf

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All,

Please see attached turnover for work completed.

Best Regards,

Jon Meacham
Generator Specialist TFA

Mobile: 813-415-4379
Email: Jonathon.Meacham@ge.com
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FieldCore a GE company

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DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 09/16/2021 **Shift**: Day	**Shift**: Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS**: Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS**:
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night**: Barry Newman / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles

2) Summary of Progress:

Initiated:

- Continued demobing

Completed:

- Completed TE bump test
- Completed final Hipot test ~ Satisfactory
- Completed final RTD readings
- Completed final readings on slot couplers and Flux probe
- Removed bake oven from scaffolding
- Connected RTD's in panel

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Tools are scheduled for pick up on Sept 18, 2021

7) Actions in order of priority for Next Shift:

- Continue demobing
- Paint TE end windings
- Touch up paint on core irons
- Paint Flux probe
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Paint TE end windings,

10) Comments:

- *GE Notes:*
- *TECO-POLK Plant Notes:*

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S FIRST REQUEST FOR PODS
FILED: APRIL 8, 2022
SUPPLEMENTAL: APRIL 14, 2022

FieldCore
a GE company

GE Power Services Quality Manual
DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Sizemore, Ashley A.

From: Rymarz, Mark (FieldCore) <Mark.Rymarz1@ge.com>
Sent: Thursday, September 16, 2021 8:59 PM
To: Meacham, Jonathon (FieldCore); Crotts, Mary; Dilport, Nate; Hall, Brian L.; Kennedy, Ronald R.; 'LMCCLAIN@TECOENERGY.COM'; Lozano, Jhonnathan; Parker, Gary D.; Peterson, Robert R.; Richardson, Eric B.; Rivera, Raul; 'tamills@tecoenergy.com'; Torbert, Justin D.; Shanahan, Michael (FieldCore); Thompson, Brian R (GE Gas Power); Hege, Nathan (GE Gas Power); Illgen, Scott (APM); Nelson, Patrick A.; Feldman, Frank; Denisov, Yuriy (FieldCore)
Subject: RE: NS Daily Update During Outages - 09/16
Attachments: 09-16-2021 TECO-Polk_Unit1_Turnover DS.pdf

CAUTION - External Email

***** Don't be quick to click! We're counting on you! This email is from an external sender! Don't click links or open attachments from unknown sources. To report a suspicious email, click the Forward to Phishing button within Outlook for analysis by our cyber security team. If the button is unavailable, forward the email as an attachment to phishing@tecoenergy.com *****

See attached NS Daily turnover.

FieldCore
a GE company
Mark Rymarz
Generator Specialist
Mark.rymarz1@ge.com
Cell: 609-569-6184
Fax: 609-228-5019

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
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DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

Site: TECO-POLK **Work scope: CCSR**

Date: 09/16/2021 **Shift:** Day	**Shift:** Night
Day Shift GS/PM on site: Michael Shanahan	**Night Shift GS:** Mark Rymarz
Day Shift GS: Jon Meacham	
Day Shift OJT GS:	**Night Shift OJT GS:**
W/L Day: Phil Riverin / Dan Sullivan	**W/L Night:** Barry Newman / Frank Barnhart

1) Safety Issues/ Concerns:

- COVID procedures
- Housekeeping / Proper lifting techniques / Noise stress / Body positioning
- Weather- Heat / Lightning
- Insects (Bees/Wasp/Spiders/Mosquitos) – Reptiles

2) Summary of Progress:

Initiated:

- Continued demobing

Completed:

- Completed TE bump test
- Completed final Hipot test ~ Satisfactory
- Completed final RTD readings
- Completed final readings on slot couplers and Flux probe
- Removed bake oven from scaffolding
- Connected RTD's in panel

3) Deviations from Program and Variances to the Scope:

4) Problems / Technical Issues:

Lightning Delay:

5) Items for Coordination with Others:

6) Parts / Spares / Tooling Issues:

- Tools are scheduled for pick up on Sept 18, 2021

7) Actions in order of priority for Next Shift:

- Continue demobing
- Paint TE end windings
- Touch up paint on core irons
- Paint Flux probe
- Housekeeping

8) QCP signoffs completed? Need to sign-off Quality Check Points:

9) Outstanding items (to complete at next opportunity) in order of priority:

- Paint TE end windings,

10) Comments:

GE Notes:

TECO-POLK Plant Notes:

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
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DAY SHIFT TURNOVER NOTES
TECO-Polk - Unit 1 CCSR
337X011

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 67
PARTY: Staff Exhibit 67
DESCRIPTION: TECO's Responses OPC's Third Request to Produce Documents, No. 11. (Bates No. 00761-00989)

67

TECO's Responses OPC's Third Request to Produce Documents, No. 11.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S THIRD REQUEST FOR
PRODUCTION OF DOCUMENTS
DOCUMENT NO. 11
BATES PAGES: 1-1472
FILED: AUGUST 10, 2022

11. Please provide all inspection reports and generator tests of the Polk 1 turbine and generator since the unit was placed in service.

A. For the list of all inspection reports and generator tests within the last 10 years, please see Tampa Electric's response to OPC's Third set of Interrogatories, No. 39. The requested reports are attached.

CONFIDENTIAL MATERIAL REDACTED

BATES STAMPED PAGES 2 - 303

PK1 – Forced Major Outage High Potential
Date: 11/29/2021

Polk Power Station

Type:	CT 1 Forced Outage
Date:	November 29th, 2021
Time:	0748
Location:	PPS Unit 1 Combustion Turbine
Contractor:	N/A
Job Task:	N/A
Environmental Conditions	Mild morning

Events Prior to the Incident

- Planned Outage: 05/19/2021- 06/03/2021
  - Water Wash: 05/20/2021
  - Emergent Work (Generator stator): 06/03/2021
  - Return to service: 10/02/2021
- Start up: 10/02/2021
  - Shutdown: 10/20/2021
- Planned Outage (Relay Testing): 10/20/2021 – 10/23/2021
  - Emergent work (GCB linkage): 10/23/2021
  - Return to service: 10/27/2021
- Planned Outage (Relay Testing): 10/31/2021 – 11/04/2021
- Start up: 11/05/2021
  - Shutdown: 11/18/2021
- Planned Outage (Nat. Gas Yard): 11/18/2021 – 11/21/2021
  - Return to service: 11/21/2021
- Attempted start (Bucket liberation): 11/29/2021
  - Forced Outage 11/29/2021 – 03/04/2022
  - Return to Service 03/05/2021
- Start-up: 03/07/2022
  - Shutdown: 03/07/2022

Incident - Sequence of Events

During start up on Polk 1, the combustion turbine was firing and approaching FSNL when the Compressor Discharge Air (CPD) Block valves, VS13-1 and VS13-2, opened as designed to provide cooling air to the syngas nozzles. Shortly after the CPD block valves opened, the unit tripped on high vibration and coasted down at what appears to be a typical coast down curve. Turning gear engaged and unit cooled down and shut off for inspection.

Events after the Incident

After the unit tripped, investigations started immediately. A maintenance specialist recalled a similar 2012 incident when Polk CT1 tripped on high vibrations due to the presence of water in the syngas header. It was determined for this specific instance that the water injection utilized for liquid fuel operations leaked within the fuel nozzles and made its way into the header. With this recollection, the syngas header was the first location to be investigated for water - a significant amount of water was discovered. The discovered water was tested and contained a pH level like demineralized water (~5 pH). Continuing to back track the source, water was also found upstream in the P2 cavity of the syngas skid, which had to leak by two valves (VS4-2 and VGC-11) to enter the syngas header. The P1 and P2 cavities are vented to the flare header. During the initial investigation, it was believed water had leaked by through the HRSG HP drum into the Nitrogen Blanket System (NBS) system, and ultimately into the syngas skid by way of the flare header. With one successful start-up (03/07/2021) after the repair outage (11/29/2021 – 03/04/2021) water was found in the syngas header again, with further discovery, it was later determined that steam injection (used for NOx control) leaked into the syngas header.

Observations (Facts)

- Polk 1 was called to start on 11/29/2021 at 0700
- Polk 1 tripped on high vibrations
- Water was found in the low point on the syngas header inside the compartment
- Water was found in the flare header connection in the syngas skid
- Source of water was a demineralized source
- 3rd stage buckets liberated from the turbine rotor
- Water wash valve WW-23 was found closed after second investigation
    - The labeling of the valve was burned off from the heat in compartment
    - Valve color deviated from the labelling associated with normal Water wash practice (Blue; Normally Closed – Red; Normally Open)

Injury / Damage

- No injuries occurred due to this event.
- 3rd stage buckets, nozzles, and shrouds were damaged, exhaust frame was damaged.
- 2nd stage Nozzles and buckets were replaced
- 1st stage Buckets were replaced
- Compressor blades and stators needed blending for minor tip curl and rubbing.
- Stage 16 Stator Vanes were replaced due to heavy rubs
- Bearing seals were replaced and hydrogen seals required inspection.
- Turbine/Generator bearings are planned on being inspected and refurbished if needed

Operational Factors

- CPD cooling air was valved out and stop valves were leaking by allowing water to accumulate in flare header to a level significant enough that upon shut down water drained back and filled the syngas header

Immediate Factors

- The Syngas Block Valve (VS4-2) and Syngas Control Valve (VGC-11) allowed steam injection to leak by which created a large reservoir of water with enough head pressure to leak back into the syngas header while unit was shut down. (If these valves were functioning as designed it would have eliminated the ability of a large reservoir of water to accumulate during operation.)
- Syngas Purge Air isolation valve (WW-23) did not seal properly allowing steam to back flow into the syngas line and leak past the block valves, ultimately building a water reservoir in the flare header

Equipment Factors

- Gasification has been in short term reserve since September 2018
- Valve VS4-2 and VGC-11 were leaking by

Conclusion

- Several barriers were broken down to allow water to be ingested into the turbine
- Steam was able to back flow through the syngas nozzle because the CPD isolation valve (WW-23) that provides cooling air to the syngas nozzles was mostly closed.
- Steam was able to leak by the syngas valves and create a reservoir of water in the P2 cavity and flare header
- During shut down water was able to then leak into the syngas header to allow water ingestion into CT1 while at FSNL operation.

- The flow around WW-23 was enough to push water from the syngas header into the turbine
- When water was introduced to the CT nozzles, the sudden expansion to steam significantly increased the system's mass flow, causing severe stress and catastrophic failure to the 3rd stage buckets

Recommendations

- See additional information

Additional Information

Polk 1 Investigation.pdf

Root Cause Tree CT1 Water Inductior

PIDs.pdf

Pictures

Figure 1 As-found condition 3rd Stage Buckets and Nozzles

Figure 2 Metal fragments from 3rd stage buckets and nozzles

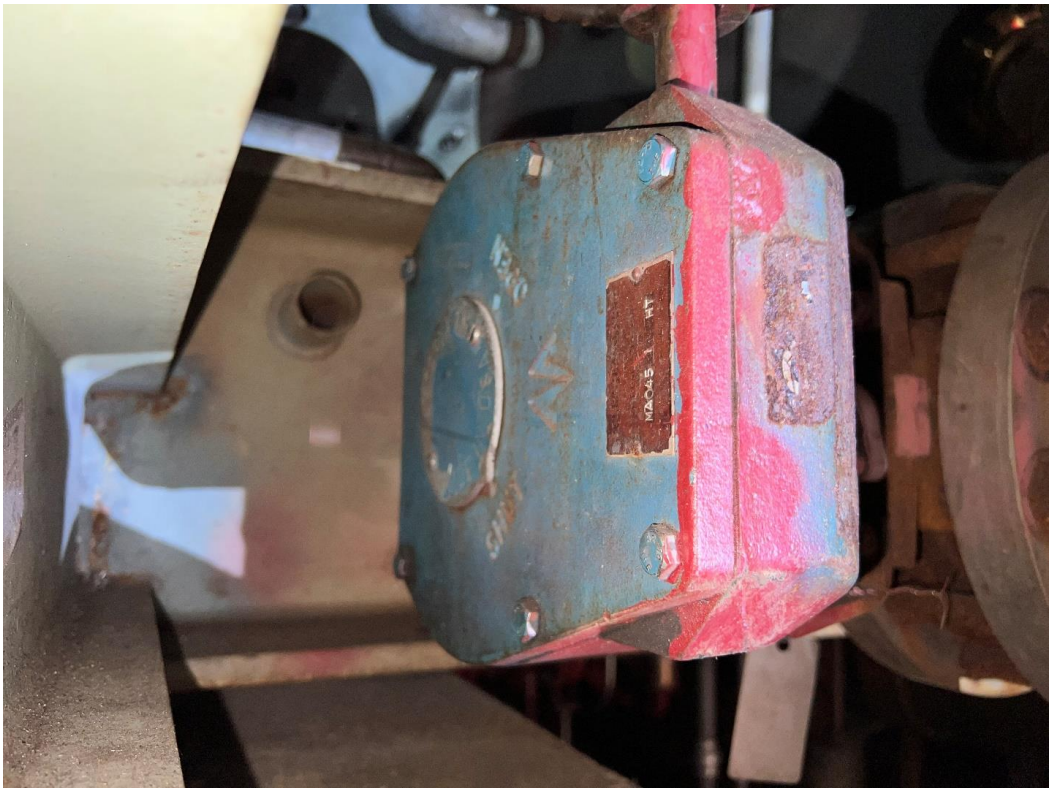


Figure 3 WW-23 Valve Compressor Discharge Syngas Purge Valve

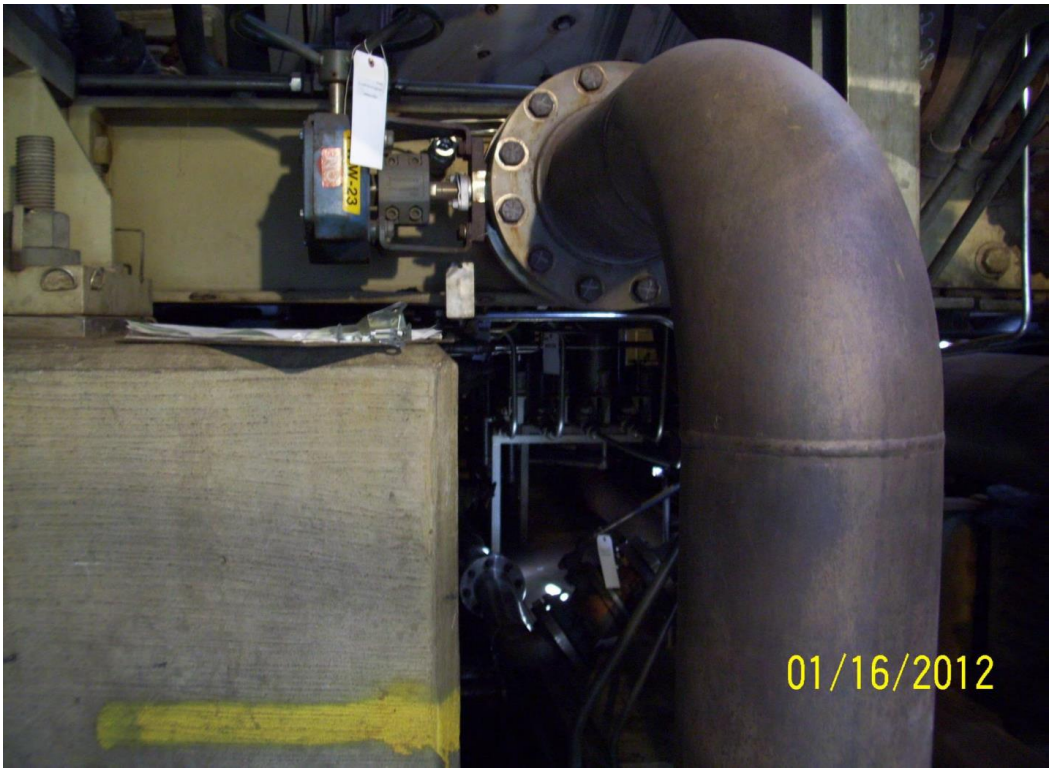


Figure 4 Same Valve as Figure 3 but in 2012

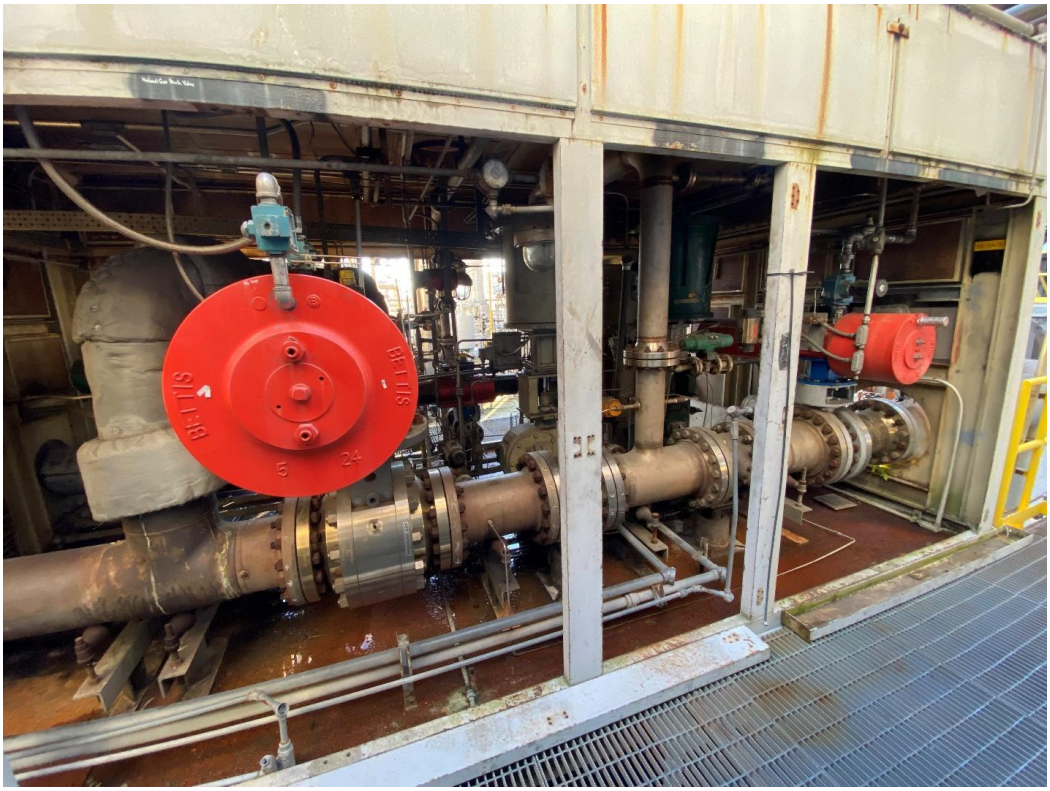


Figure 5 Syngas header with valves installed and crossover on left (90° Elbow insulated)

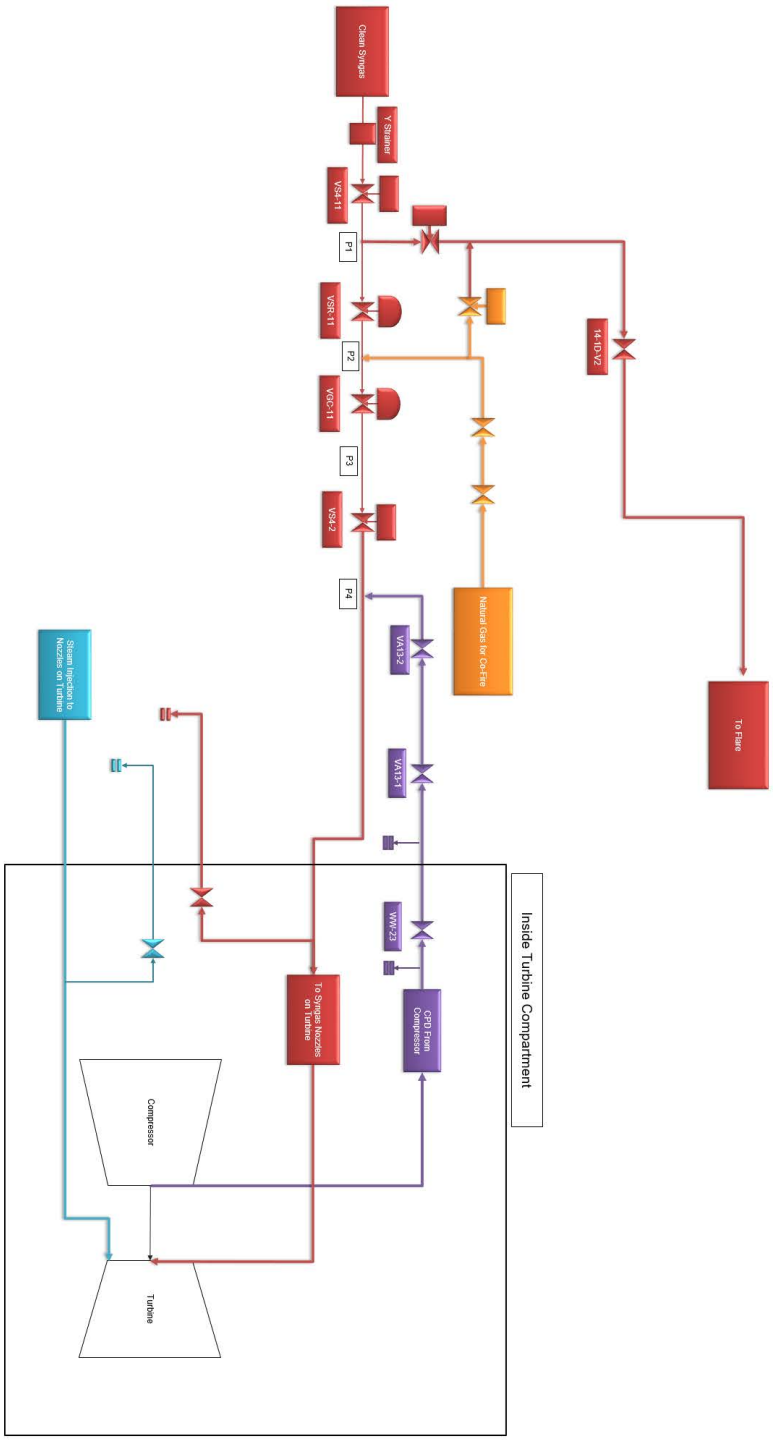


Figure 6 Sketch of system (also found Root Cause Tree under additional information)

[redacted]

Polk 1 Investigation

Initial findings after turbine trip.

3rd Stage Bucket and nozzle damage

Initial findings after turbine trip.

3rd Stage Bucket and nozzle damage

Initial findings after turbine trip.

HRSG inlet with debris on floor

Initial findings after turbine trip.

HRSG inlet with debris on floor

Syngas Line inlet showing original double block drain line

[redacted]

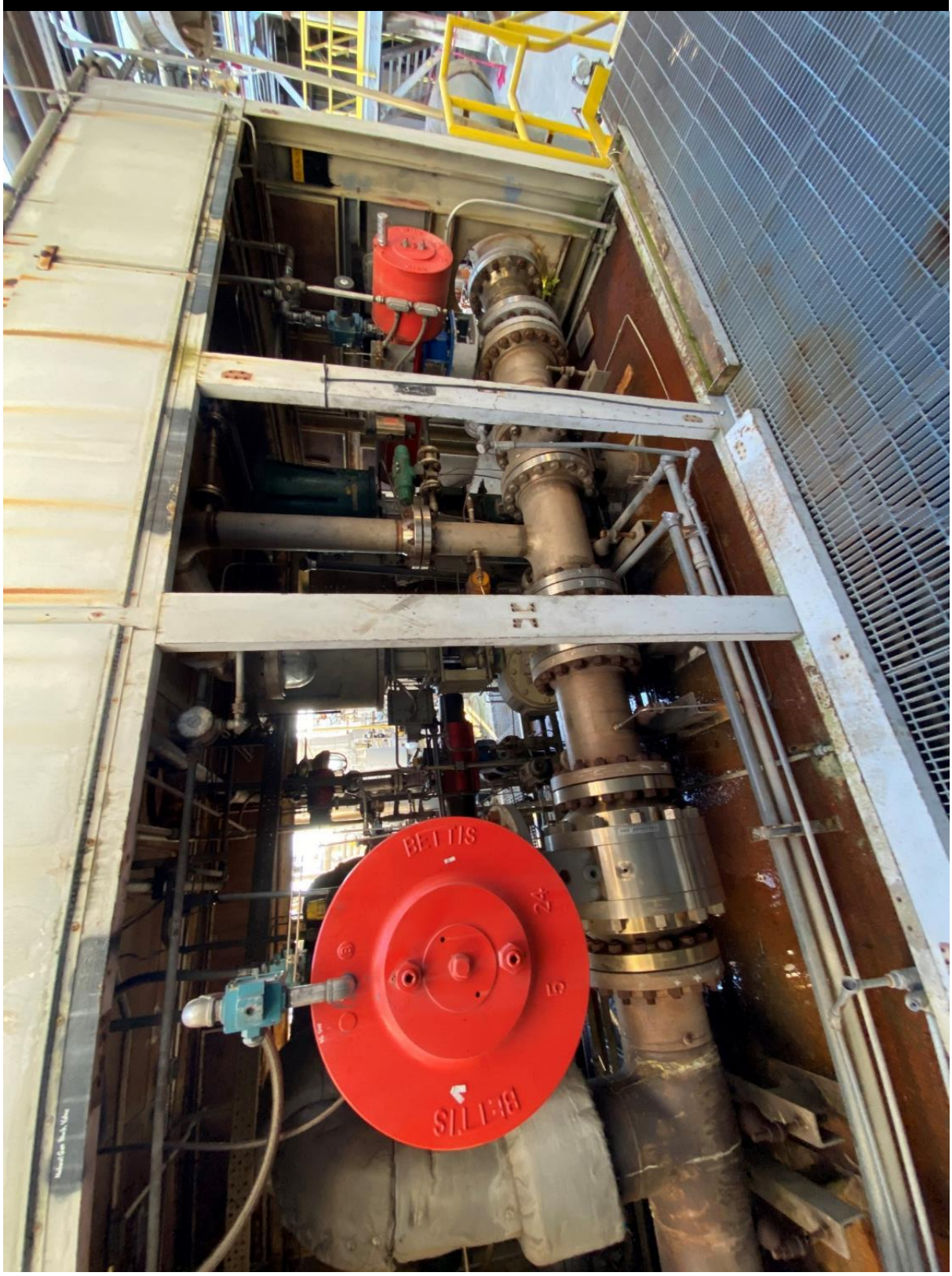
Syngas Line Ring
Header

Drain for water wash

Drains from syngas lowpoint

VS13-1 and VS13-2 Valves
CPD inlet to Syngas Header

Syngas Line showing both Syngas block valves and control valves



Syngas Line showing both Syngas block valves and control valves

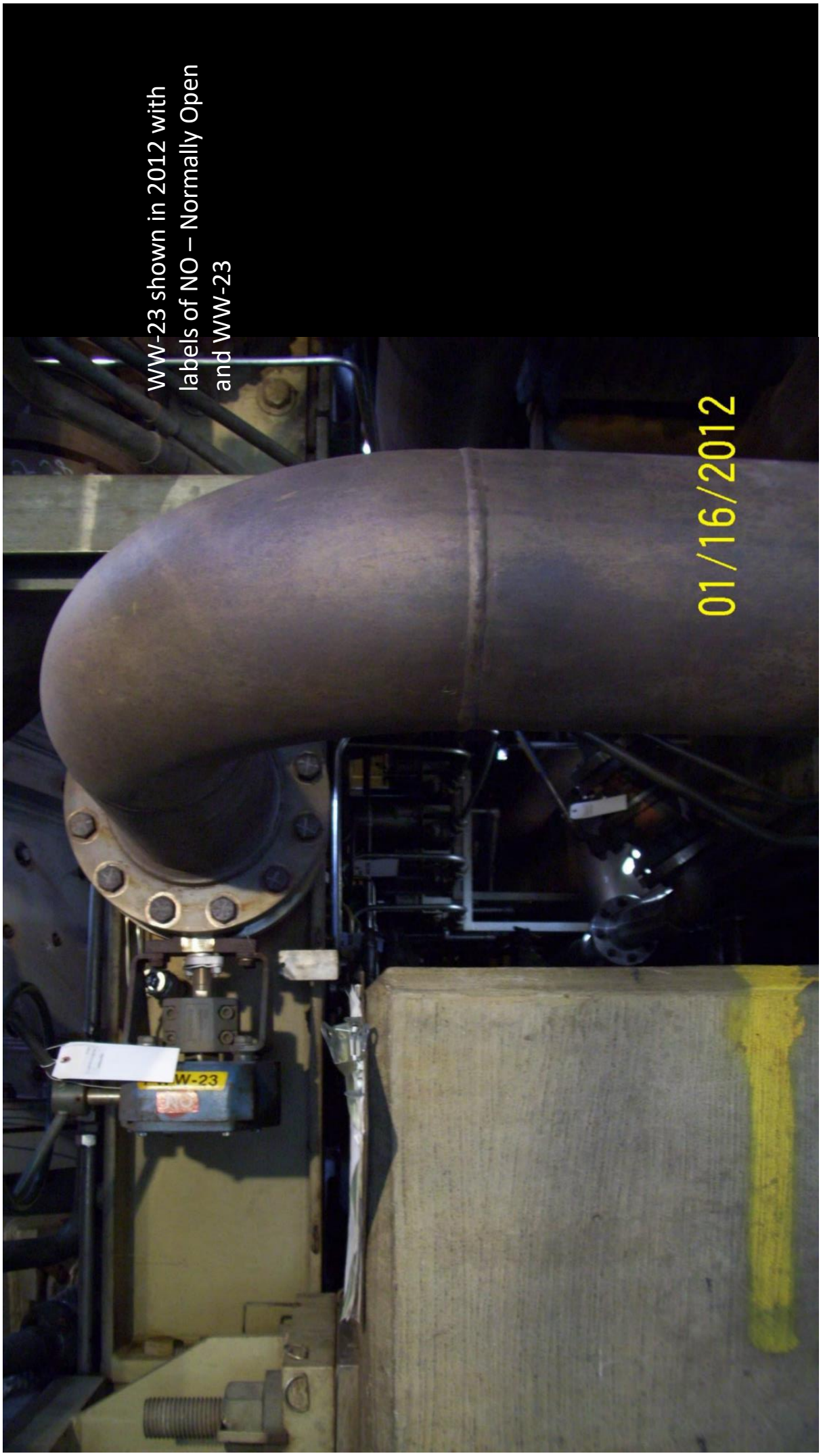
Water draining from P2 cavity

Head pressure in P2 Cavity
12psi equates to 27 FT

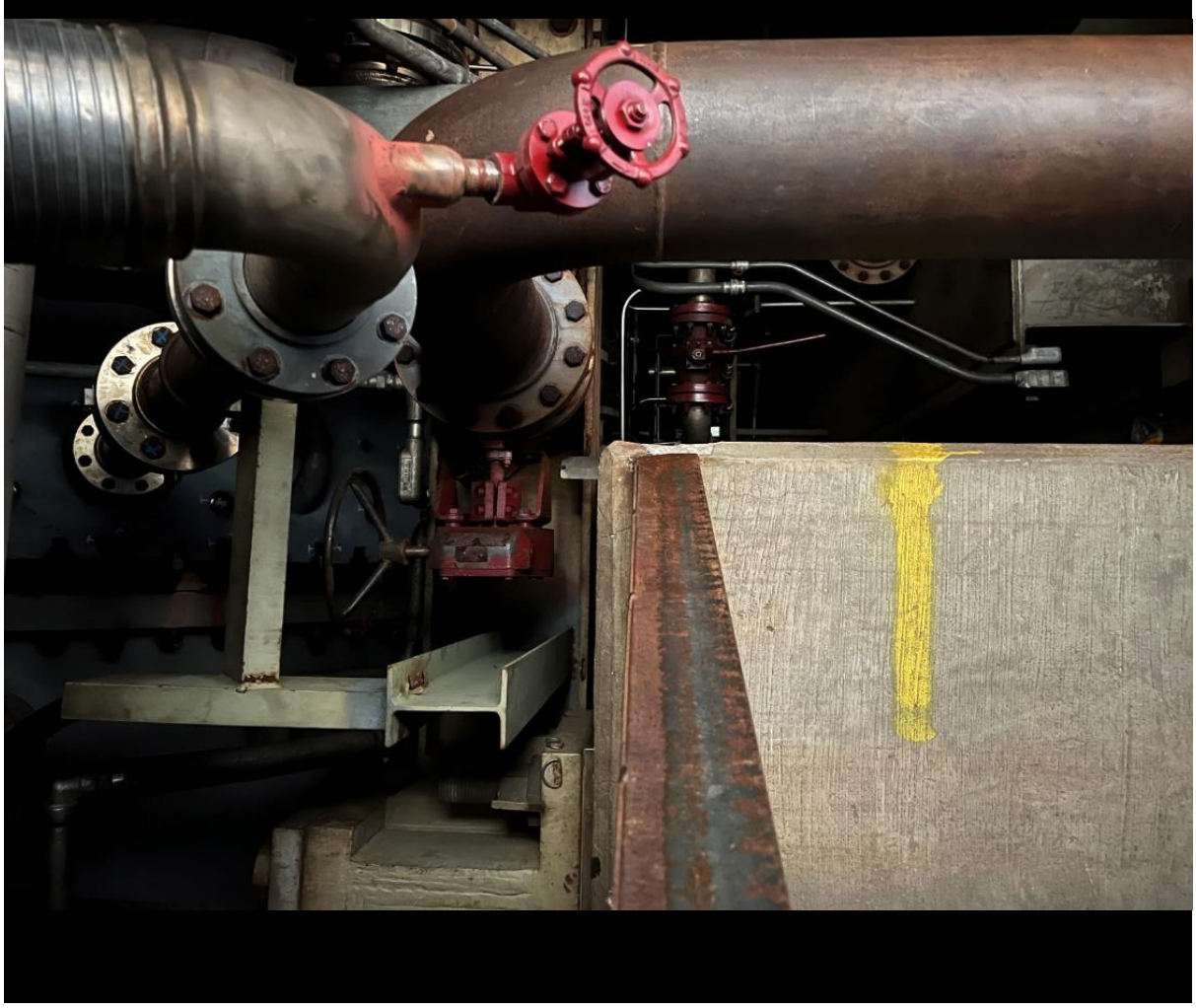
Water draining from the tie point from Syngas to flare

Dye going into P3 cavity
to test leak by of VS4-2

Dye leaking by VS4-2
shown in P4 cavity


WW-23 shown in 2012 with labels of NO – Normally Open and WW-23
01/16/2012
W-23

WW-23 as found with labels gone and repainted



WW-23 as found with labels gone and repainted. Valve was mostly closed

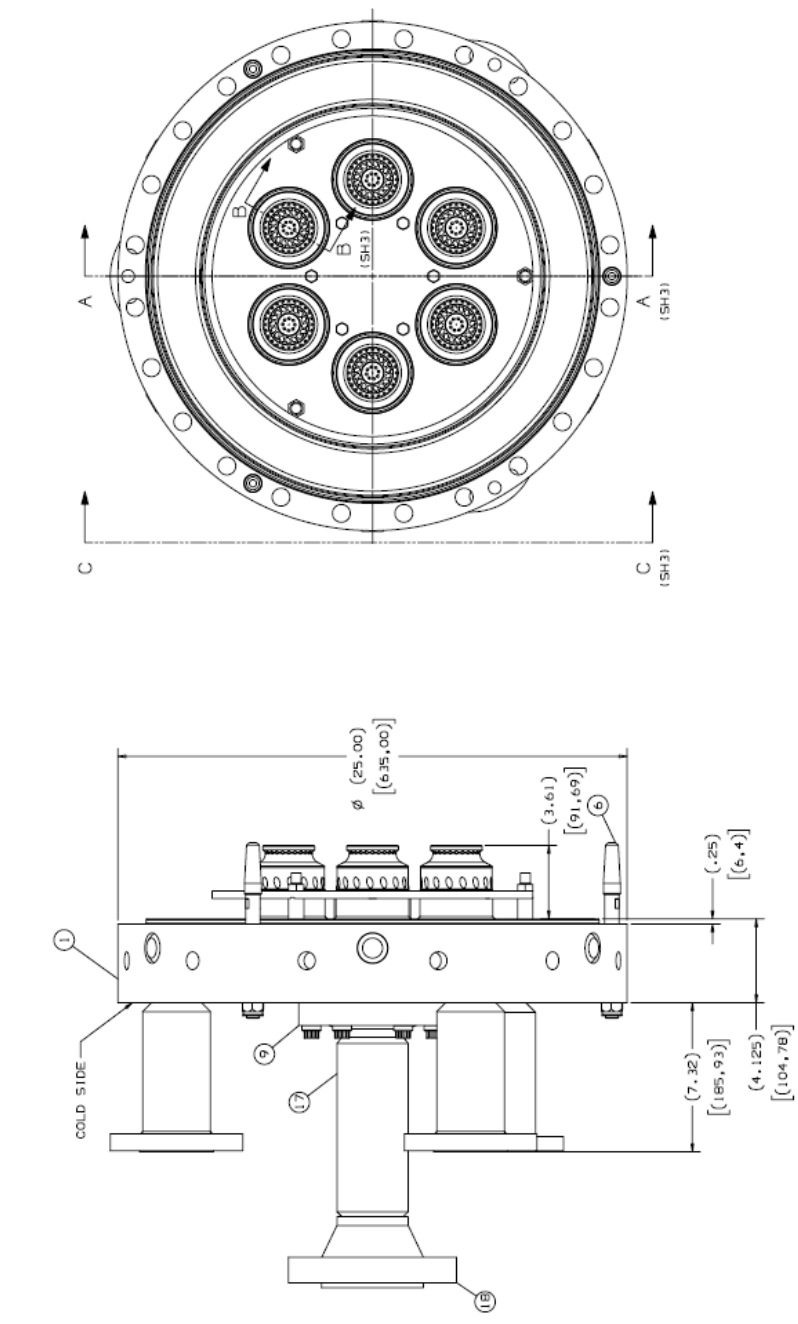
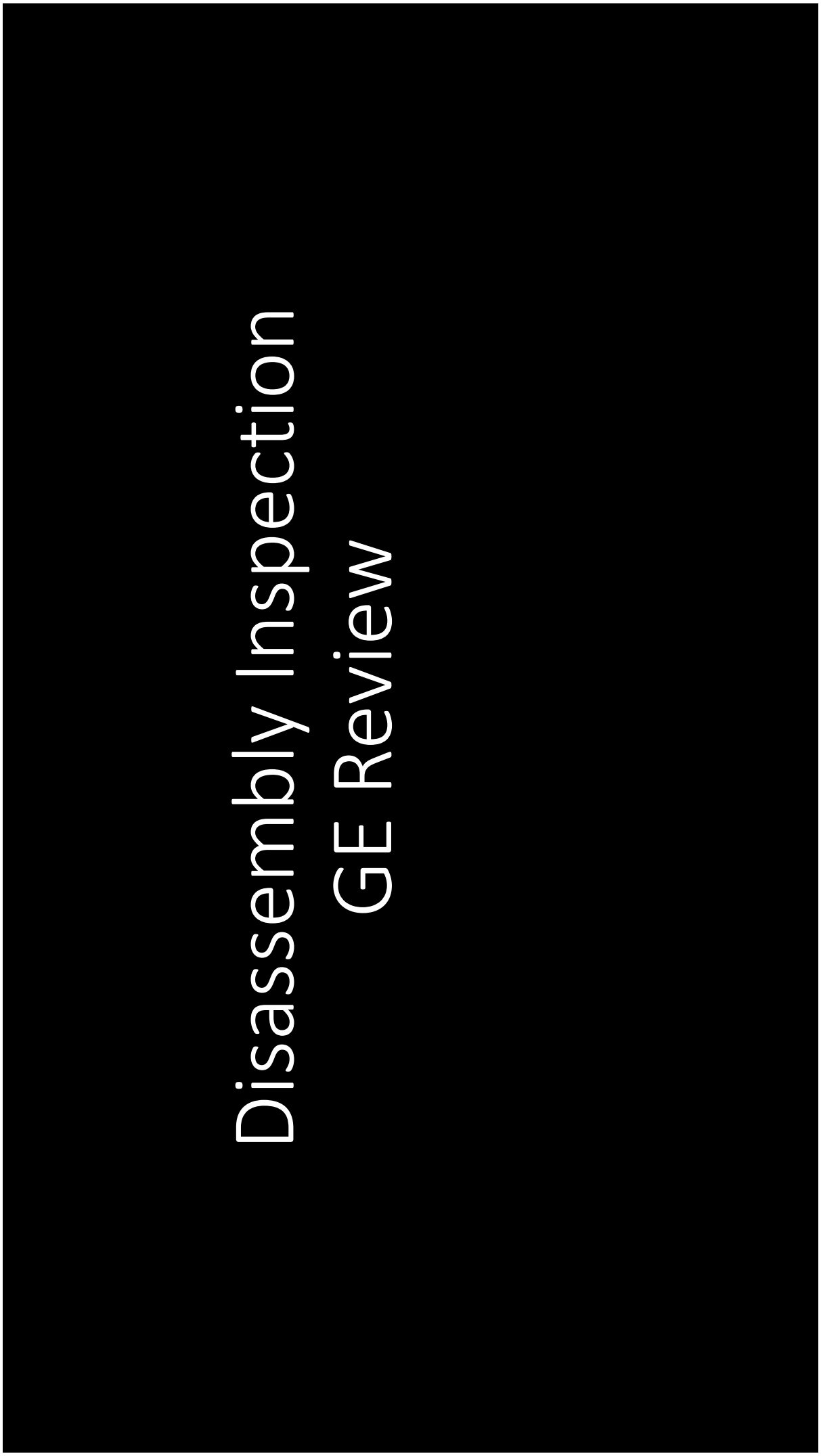
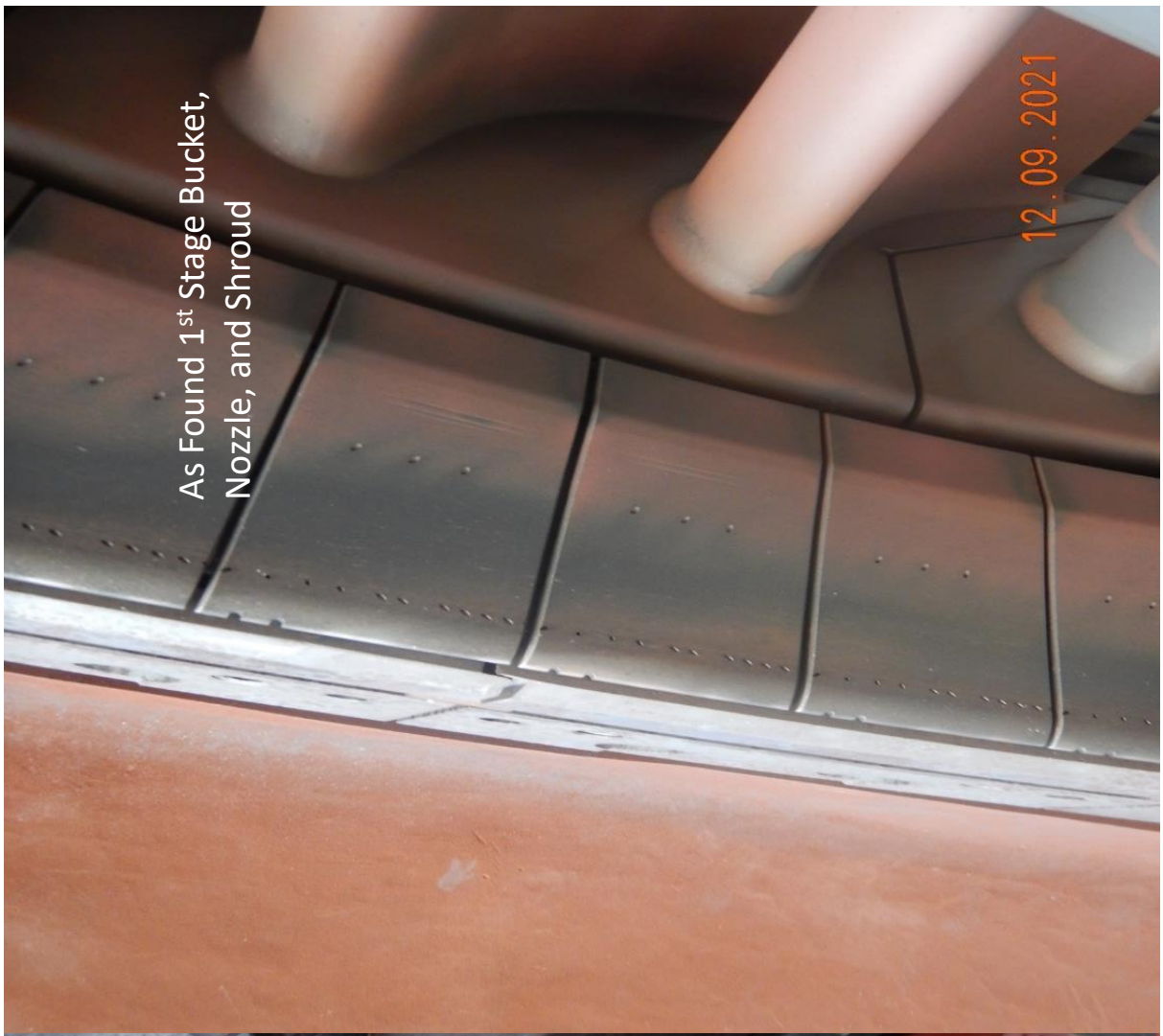


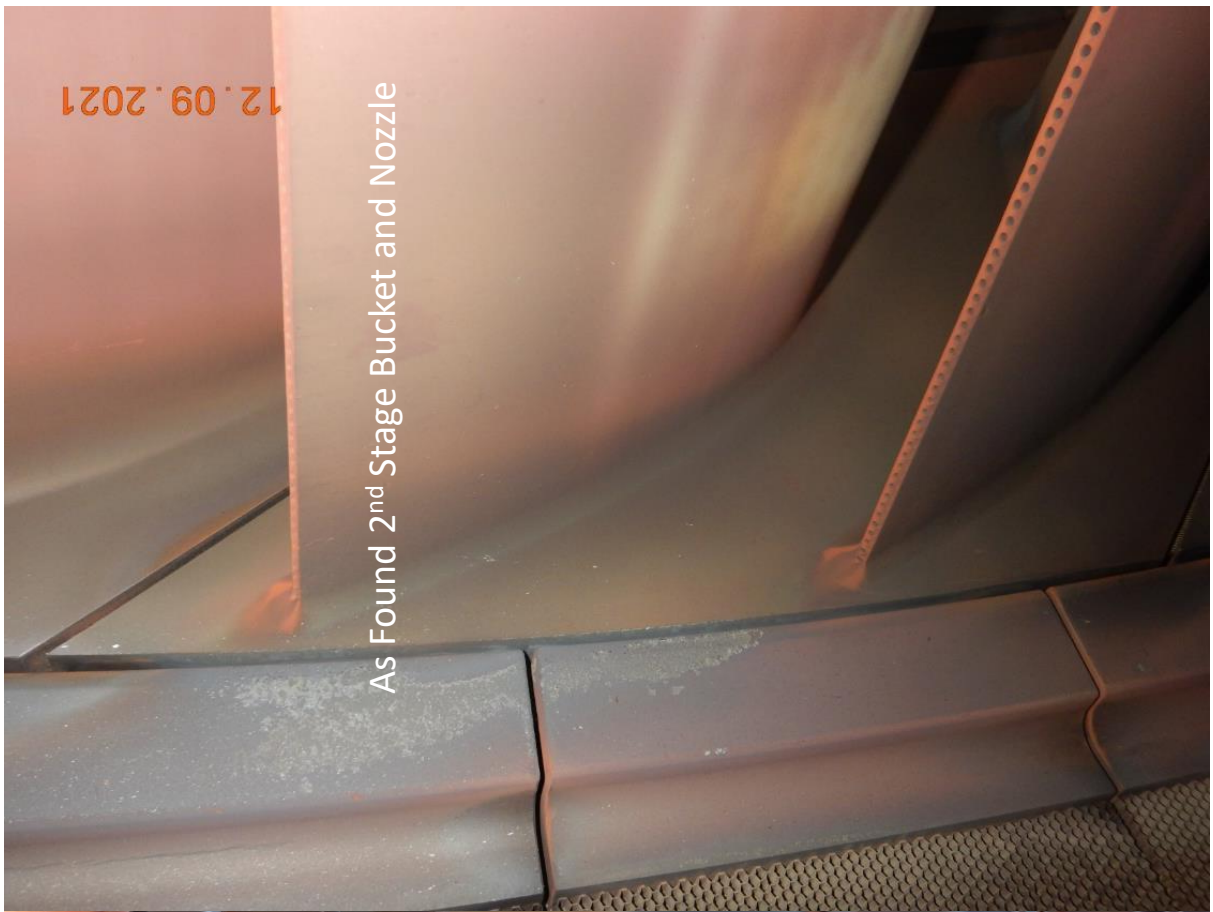
Diagram of End Cover– shows the diluent and syngas line tie to end cover to go to nozzles. There are 14 end covers per Unit


Disassembly Inspection
GE Review

As Found 1st Stage Bucket and Nozzle


As Found 1st Stage Bucket,
Nozzle, and Shroud
12.09.2021

12.09.2021


12.09.2021
As Found 2nd Stage Bucket and Nozzle

12.11.2021

12.09.2021

12.02.2021
As Found 3rd Stage Bucket and Nozzle

As Found Turbine Blades

As Found Exhaust Frame
12.11.2021

12.11.2021

As Found Compressor Blades
12.11.2021

12.11.2021

As Found Compressor Blades

What	Problem(s)	CT1 Turbine 3rd stage nozzles and buckets liberated
When	Date	November 29, 2021
	Time	8:00 AM
	Different, unusual, unique	Plant was Starting Up
Where	Facility, site	Polk Power Station
	Unit, area, equipment	Powerblock, Unit 1, CT
	Task being performed	CT was approaching FSNL

Impact to each GOAL

Safety		
Environment		
Customer		
Production, Schedule	92 days of Forced Outage at 200MW	
Property, Equipment	CT1 Turbine HGP Hardware, Exhaust Frame, Bearings, Compressor Blending	TBD
Labor, Time		
	This incident	$0
Frequency		
	Annualized Cost	$0

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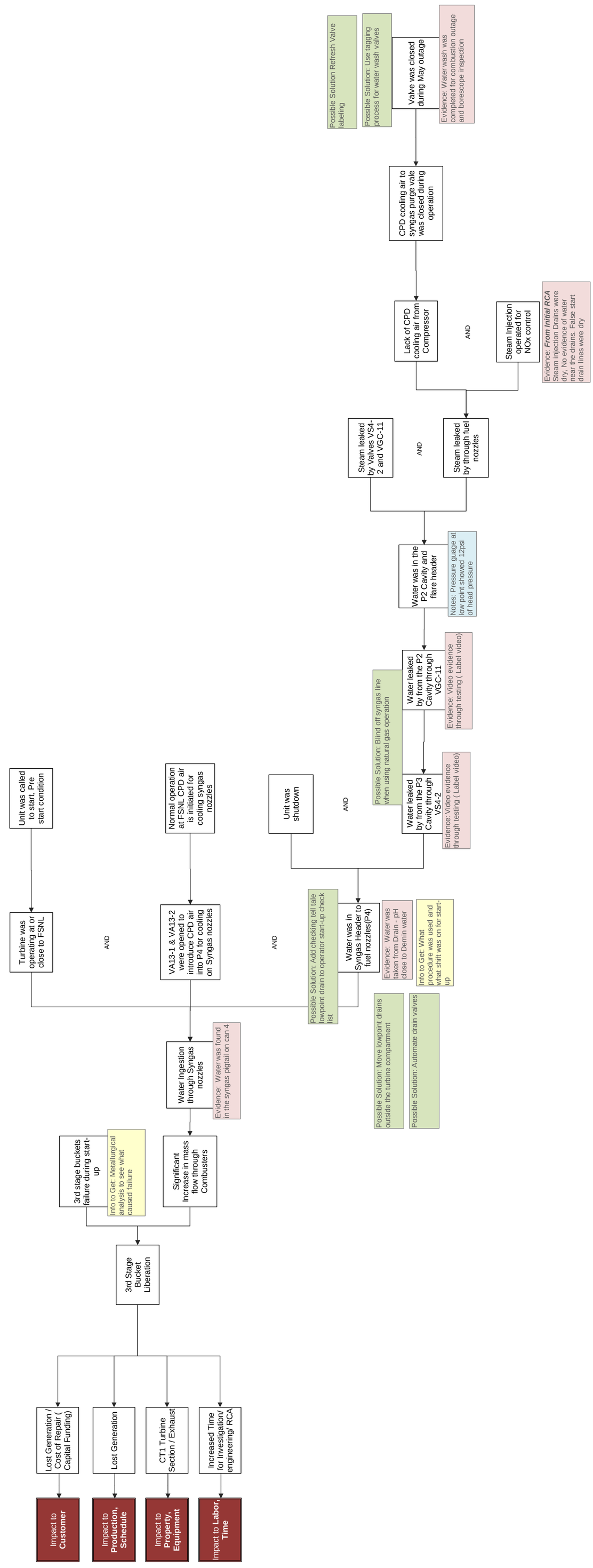
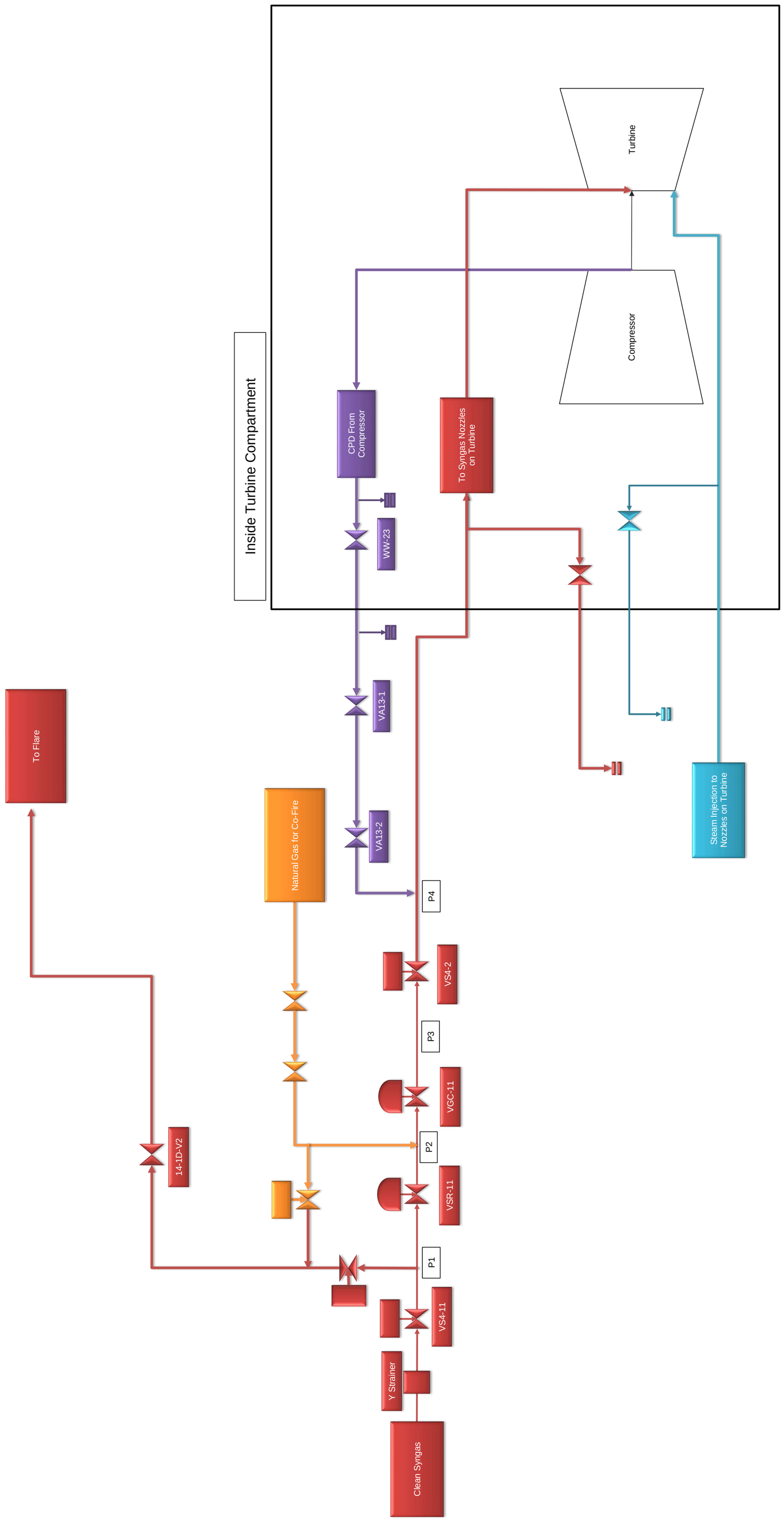
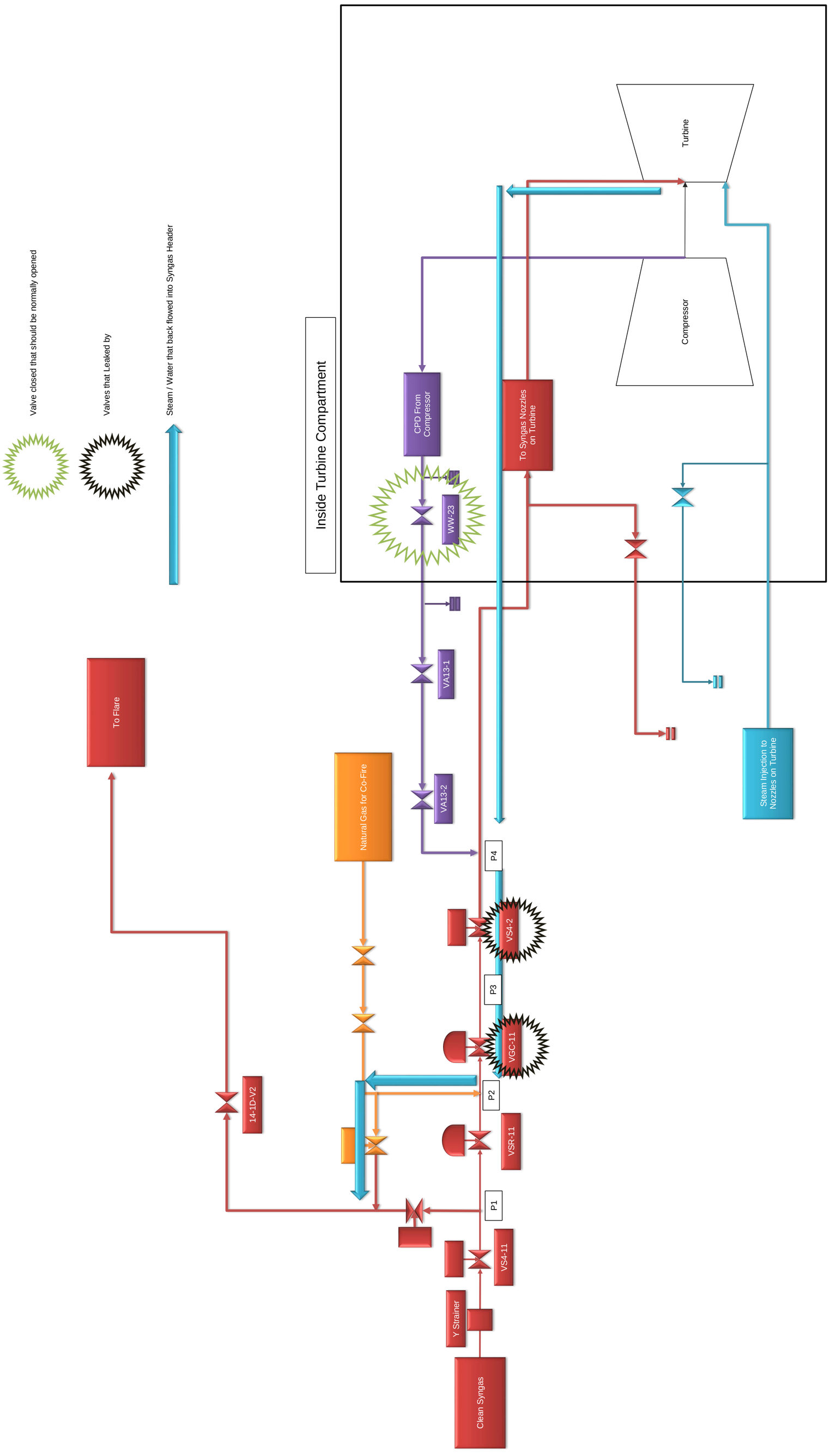
FILED: AUGUST 10, 2022

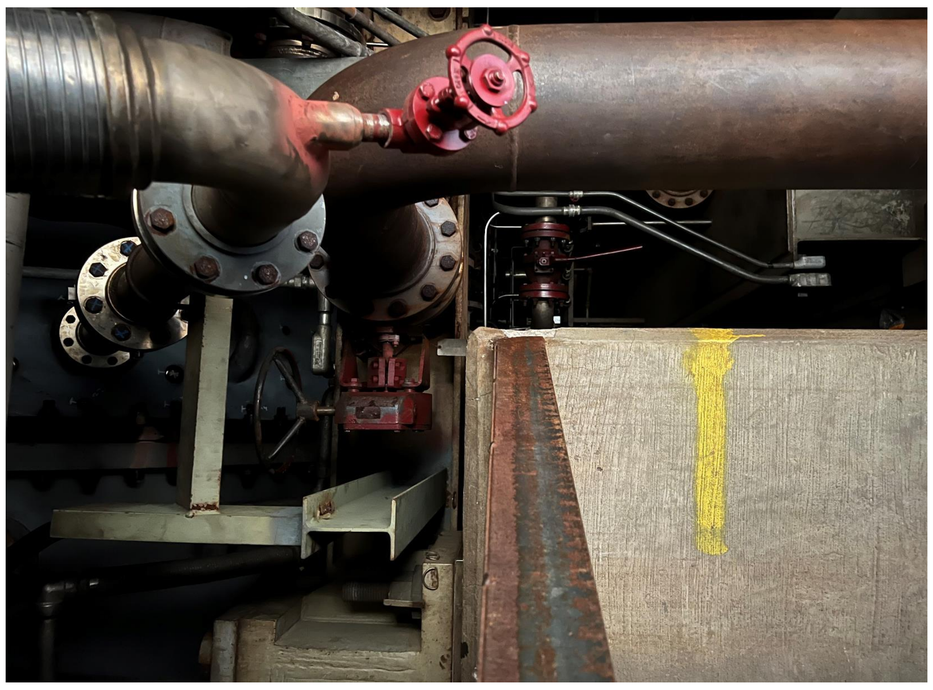

Possible Solution Refresh Valve labeling
Possible Solution: Use tagging process for water wash valves
Valve was closed during May outage
Evidence: Water wash was completed for combustion outage and borescope inspection
CPD cooling air to syngas purge vale was closed during operation
Lack of CPD cooling air from Compressor
AND
Steam Injection operated for NOx control
Evidence: Fram Initial RCA Steam injection Drains were dry, No evidence of water near the drains. False start drain lines were dry
Steam leaked by Valves VS4-2 and VGC-11
AND
Steam leaked by through fuel nozzles
Water was in the P2 Cavity and flare header
Notes: Pressure guage at low point showed 12psi of head pressure
Possible Solution: Blind off syngas line when using natural gas operation
Water leaked by from the P2 Cavity through VGC-11
Evidence: Video evidence through testing (Label video)
Water leaked by from the P3 Cavity through VS4-2
Evidence: Video evidence through testing (Label video)
Unit was called to start, Pre start condition
Turbine was operating at or close to FSNL
AND
Normal operation at FSNL CPD air is initiated for cooling syngas nozzles
VA13-1 & VA13-2 were opened to introduce CPD air into P4 for cooling on Syngas nozzles
AND
Unit was shutdown
Possible Solution: Add checking tell tale lowpoint drain to operator start-up check list
Water was in Syngas Header to fuel nozzles(P4)
Evidence: Water was taken from Drain - pH close to Demin water
Info to Get: What procedure was used and what shift was on for start-up
Possible Solution: Move lowpoint drains outside the turbine compartment
Possible Solution: Automate drain valves
Water Ingestion through Syngas nozzles
Evidence: Water was found in the syngas pigtail on can 4
3rd stage buckets failure during start-up
Info to Get: Metallurgical analysis to see what caused failure
Significant Increase in mass flow through Combusters
3rd Stage Bucket Liberation
Lost Generation / Cost of Repair (Capital Funding)
Lost Generation
CT1 Turbine Section / Exhaust
Increased Time for Investigation/ engineering/ RCA
Impact to Customer
Impact to Production, Schedule
Impact to Property, Equipment
Impact to Labor, Time

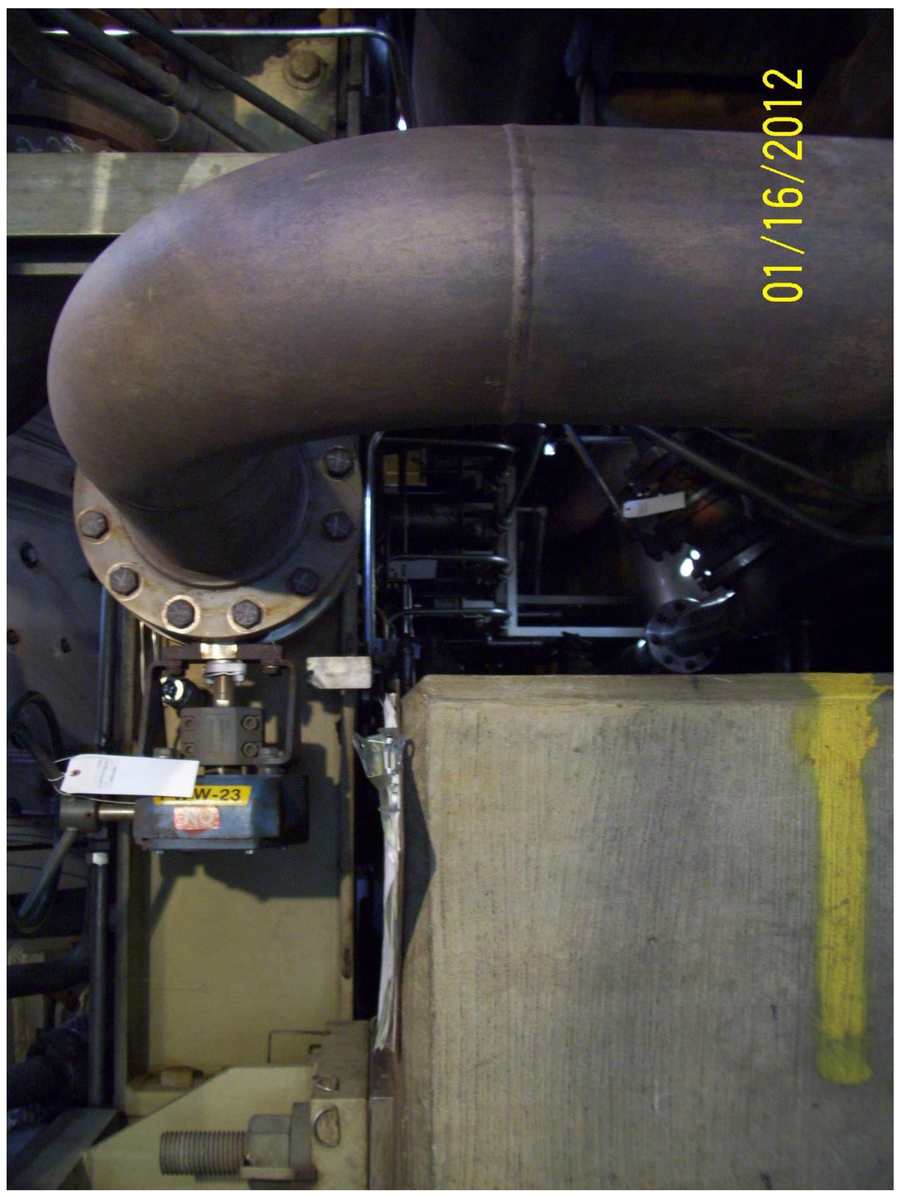
Possible Solutions for Consideration

Ref.	Possible Solution	Cause Controlled
1	Add a Prestart walkdown or procedure for operators to visually look for water	Water leaked by from the P3 Cavity through VS4-2
2	Put a WO request for all work	Water leaked by from the P3 Cavity through VS4-2
3	Blind off syngas line when using natural gas operation	Water leaked by from the P3 Cavity through VS4-2
4	Add checking tell tale lowpoint drain to operator start-up check list	Water was in Syngas Header to nozzles(P4)
5	Move lowpoint drains outside the turbine compartment	Water was in Syngas Header to nozzles(P4)
6	Automate drain valves in P4 cavity	Water was in Syngas Header to nozzles(P4)
7	Signoff on all operator rounds / electronic logs of operator rounds	Valve was left closed
8	Use tagging process for water wash valves	Valve was left closed
9	Refresh Valve labeling	Valve was left closed


Inside Turbine Compartment
Turbine
Compressor
CPD From Compressor
To Syngas Nozzles on Turbine
WW-23
VA13-1
VA13-2
To Flare
Natural Gas for Co-Fire
Steam Injection to Nozzles on Turbine
P4
VS4-2
P3
VGC-11
P2
VSR-11
14-1D-V2
P1
VS4-11
Y Strainer
Clean Syngas


Valve closed that should be normally opened
Valves that Leaked by
Steam / Water that back flowed into Syngas Header
Inside Turbine Compartment
Turbine
Compressor
CPD From Compressor
To Syngas Nozzles on Turbine
WW-23
VA13-1
VA13-2
To Flare
Natural Gas for Co-Fire
Steam Injection to Nozzles on Turbine
P4
VS4-2
P3
VGC-11
P2
VSR-11
14-1D-V2
P1
VS4-1
Y Strainer
Clean Syngas




01/16/2012
W-23

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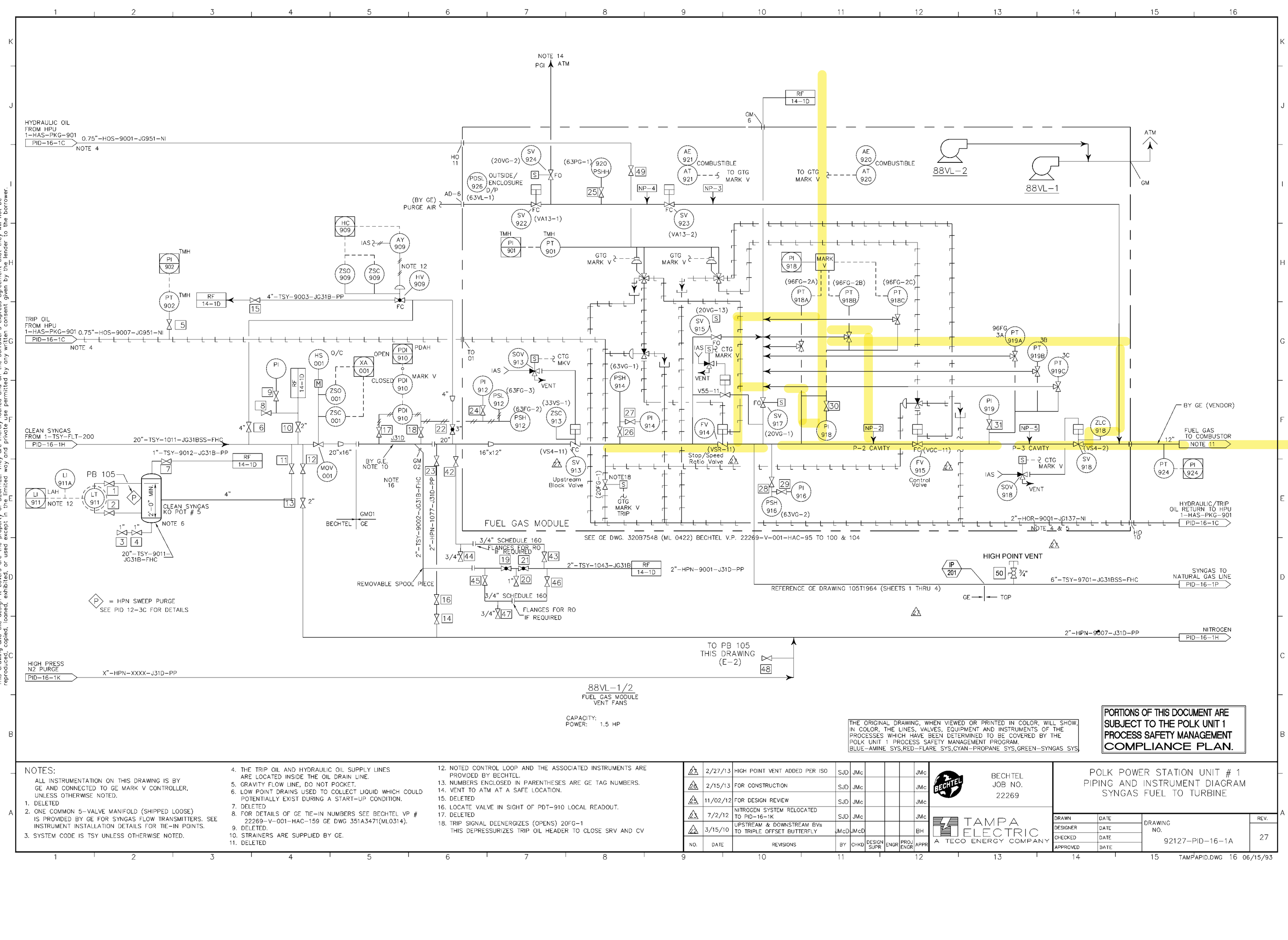

THE ORIGINAL DRAWING, WHEN VIEWED OR PRINTED IN COLOR, WILL SHOW IN COLOR, THE LINES, VALVES, EQUIPMENT AND INSTRUMENTS OF THE PROCESSES WHICH HAVE BEEN DETERMINED TO BE COVERED BY THE POLK UNIT 1 PROCESS SAFETY MANAGEMENT PROGRAM. BLUE-AMINE SYS,RED-FLARE SYS,CYAN-PROPANE SYS,GREEN-SYNGAS SYS.

PORTIONS OF THIS DOCUMENT ARE SUBJECT TO THE POLK UNIT 1 PROCESS SAFETY MANAGEMENT COMPLIANCE PLAN.

NOTES:

ALL INSTRUMENTATION ON THIS DRAWING IS BY GE AND CONNECTED TO GE MARK V CONTROLLER, UNLESS OTHERWISE NOTED.

1. DELETED
2. ONE COMMON 5-VALVE MANIFOLD (SHIPPED LOOSE) IS PROVIDED BY GE FOR SYNGAS FLOW TRANSMITTERS. SEE INSTRUMENT INSTALLATION DETAILS FOR TIE-IN POINTS.
3. SYSTEM CODE IS TSY UNLESS OTHERWISE NOTED.
4. THE TRIP OIL AND HYDRAULIC OIL SUPPLY LINES ARE LOCATED INSIDE THE OIL DRAIN LINE.
5. GRAVITY FLOW LINE, DO NOT POCKET.
6. LOW POINT DRAINS USED TO COLLECT LIQUID WHICH COULD POTENTIALLY EXIST DURING A START-UP CONDITION.
7. DELETED
8. FOR DETAILS OF GE TIE-IN NUMBERS SEE BECHTEL VP # 22269-V-001-HAC-159 GE DWG 351A3471(ML0314).
9. DELETED.
10. STRAINERS ARE SUPPLIED BY GE.
11. DELETED
12. NOTED CONTROL LOOP AND THE ASSOCIATED INSTRUMENTS ARE PROVIDED BY BECHTEL.
13. NUMBERS ENCLOSED IN PARENTHESES ARE GE TAG NUMBERS.
14. VENT TO ATM AT A SAFE LOCATION.
15. DELETED
16. LOCATE VALVE IN SIGHT OF PDT-910 LOCAL READOUT.
17. DELETED
18. TRIP SIGNAL DEENERGIZES (OPENS) 20FG-1 THIS DEPRESSURIZES TRIP OIL HEADER TO CLOSE SRV AND CV

NO.	DATE	REVISIONS	BY	CHKD	DESIGN SUPR	ENGR	PROJ ENGR	APPR
7	2/27/13	HIGH POINT VENT ADDED PER ISO	SJD	JMc				JMc
6	2/15/13	FOR CONSTRUCTION	SJD	JMc				JMc
5	11/02/12	FOR DESIGN REVIEW	SJD	JMc				JMc
4	7/2/12	NITROGEN SYSTEM RELOCATED TO PID-16-1K	SJD	JMc				JMc
3	3/15/10	UPSTREAM & DOWNSTREAM BVs TO TRIPLE OFFSET BUTTERFLY	JMcD	JMcD				BH

BECHTEL JOB NO. 22269

TAMPA ELECTRIC A TECO ENERGY COMPANY

POLK POWER STATION UNIT # 1
PIPING AND INSTRUMENT DIAGRAM
SYNGAS FUEL TO TURBINE

DRAWN	DATE	DRAWING NO. 92127-PID-16-1A	REV. 27
DESIGNER	DATE		
CHECKED	DATE		
APPROVED	DATE		

TAMPAPID.DWG 16 06/15/93

20220001-EI Staff Hearing Exhibits 00810

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S THIRD REQUEST FOR
PRODUCTION OF DOCUMENTS
FILED: AUGUST 10, 2022

SIZE B | DWG NO 320B6274 | SH 1 | REV D

NOTES:

1. SEE DEVICE SUMMARY (ML1 0414) FOR CONTROL DEVICE SETTINGS.
2. AD-2 (IF USED) SEE LIQUID FUEL (ML1 0424).
3. CONDENSATE BLOWDOWN FROM INLET AIR HEATING (ML1 0432).
4. AD-7 (IF USED) SEE LIQUID FUEL FWD (ML1 0427).
5. AD-8 (IF USED) SEE ATOMIZING AIR (ML1 0425).
6. AD-3 (IF USED) SEE CONTROL AIR (ML1 0419).
7. FOR CONTINUATION SEE INLET AIR HEATING (ML1 0432) AND INLET AND EXHAUST (ML1 0471).
8. PROCESS AIR EXTRACTION FOR CUSTOMER USE.
9. FA6-1 COMPRESSOR BLEED FILTER SHELL DRAIN VALVE NORMALLY CLOSED.
10. AD-6 (IF USED) SEE FUEL PURGE (ML1 0477).
11. ALL LINES WITH AN AD DESIGNATION ARE FOR REFERENCE ONLY, NOT INTENDED TO DEPICT TRUE LOCATION ON CASING.

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
D	MP18614 MDR-940115 ADDED NOTE 11; REV SH 2; ADDED SH 4; LAST REV C	94-9-8 C.Queenby 94.05.11	

REVISE ON CAD ONLY
UG PART: 320B6274_0417.PRT

TAMPA ELECTRIC COMPANY
POLK POWER STATION-UNIT #1
EQUIP#: 1-PWR-GTG-901
PLANT ID #: 92127
CONTRACT #: 357-1193

V. P.—22269-V-001-HAC-43/5

EQUIP. NO.

1	SYMBOLS, PIPING	277A2415
IT.	NOMENCLATURE	IDENT
LIST OF COMPLEMENTARY DOCUMENTS		

- ☐ (1) Work May Proceed.
- ☐ (2) Revise and Resubmit. Work May Proceed. Subject to Incorporation of Changes Indicated.
- ☐ (3) Revise and Resubmit. Work May Not Proceed.
- ☐ (4) Review Not Required. Work May Proceed.

DATE RECEIVED 9-12-94

IMPORTANT: Permission to proceed does not constitute acceptance or approval of design details, calculations, analyses, test methods or materials developed or selected by the supplier and does not relieve supplier from full compliance with contractual obligations.

DWG. STATUS
SIGNED
DATE
BECHTEL

D	C	D	D	REV	REV STATUS OF SHEETS
4	3	2	1	SH	

GR0268

THIRD ANGLE PROJECTION

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UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE
DIMENSIONS ARE IN INCHES. TOLERANCES ON: 2 PL DECIMALS ± 3 PL DECIMALS ± ANGLES ± FRACTIONS ±	DRAWN C JONES	93-05-17
	CHECKED C JONES	93-05-17
	ENGRG J PADGETT	93-05-18
	ISSUED C POWELL	93-05-25
	QA HN MILDE	93-05-25
	SIM TO: 25986987	

GE Power Generation

GENERAL ELECTRIC COMPANY
GAS TURBINE
Greenville, SC

DIAGRAM,SCH PP-CLG & SLG AIR

FIRST MADE FOR 7L7AIPFA13-1 0417

SIZE	CAGE CODE	DWG NO	DISTR TO
B		320B6274	
SCALE -	CALC WT - LBS.	SHEET 1	

351

20220001-EI Staff Hearing Exhibits 00811

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S THIRD REQUEST FOR
PRODUCTION OF DOCUMENTS
FILED: AUGUST 10, 2022

20220001-EI Staff Hearing Exhibits 00812

SIZE B | DWG NO 320B6274 | SH 2 | REV D

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	MP18614 MDR-940115 GENERAL CHANGES	94-9-8	

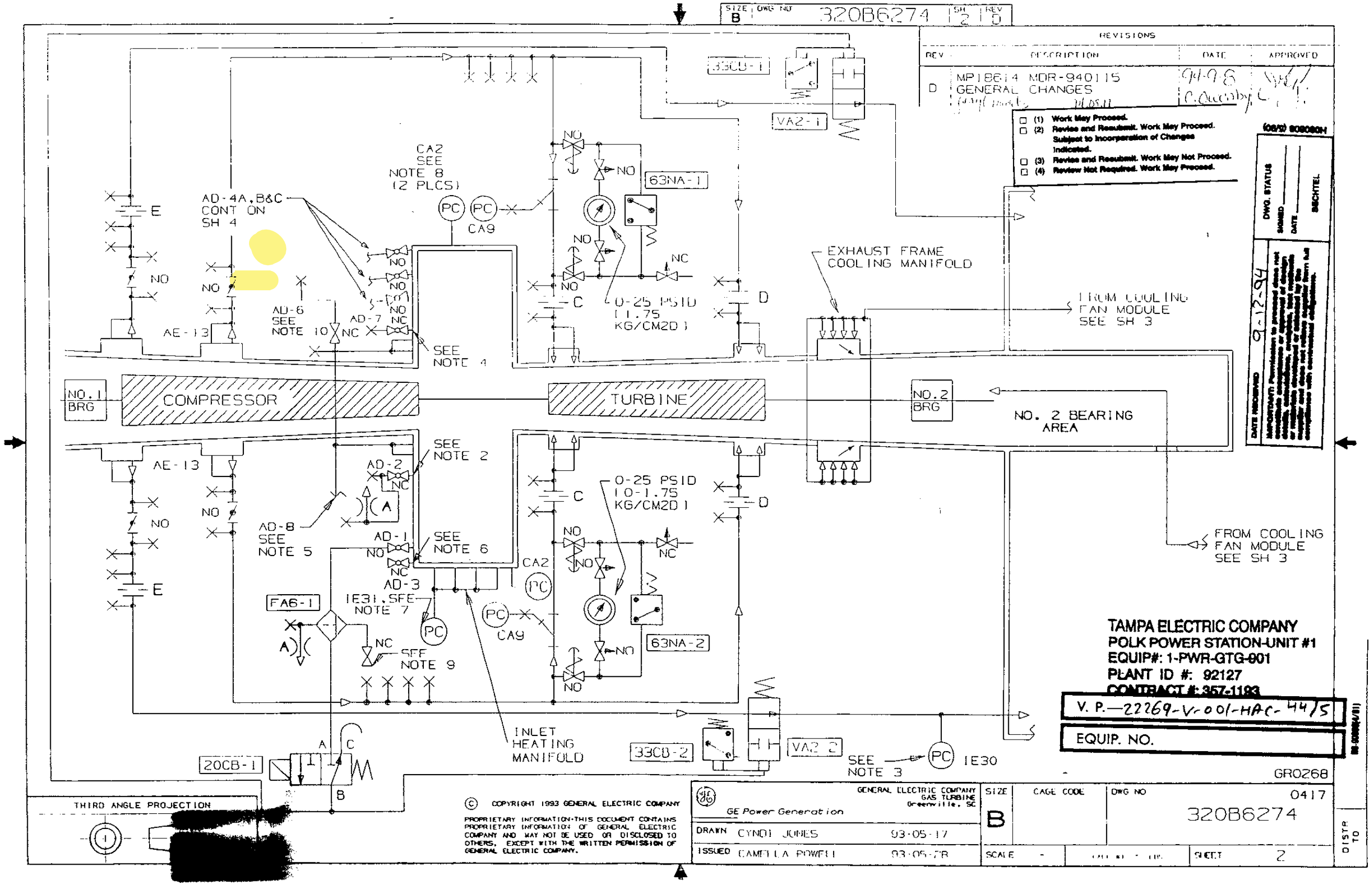
(1) Work May Proceed.
(2) Revise and Resubmit. Work May Proceed. Subject to Incorporation of Changes Indicated.
(3) Revise and Resubmit. Work May Not Proceed.
(4) Review Not Required. Work May Proceed.

(08/92) B0B06H

DWG. STATUS
SIGNED
DATE
BECHTEL

DATE RECEIVED 9-12-94

IMPORTANT: Permission to proceed does not relieve contractor from full compliance with contract requirements. Review of any item does not indicate complete engineering analysis by reviewer and does not relieve contractor of responsibility for errors or omissions in such items. Contractor is responsible for dimensions to be confirmed and correlated at jobsite, for information that pertains solely to fabrication processes, for techniques of assembly, and for performance of work. Contractor shall not proceed with any portion of work that requires submittal of drawings, prints, or samples for review pending such review. Contractor shall make no changes in previously reviewed drawings, prints, or samples unless changes are brought to attention of reviewer in writing. Review of a specific item shall not indicate that the item is adequate unless the entire assembly of which it is a part is adequate. Review of an item shall not relieve contractor from responsibility for complying with contractual obligations.



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GENERAL ELECTRIC COMPANY
GAS TURBINE
Greenville, SC
GE Power Generation

DRAWN	CYNDI JONES	93-05-17	
ISSUED	CAMELLA POWELL	93-05-28	

SIZE	CAGE CODE	DWG NO	
B		320B6274	0417
SCALE -		SHEET 2	DIST TO

TAMPA ELECTRIC COMPANY
POLK POWER STATION-UNIT #1
EQUIP#: 1-PWR-GTG-001
PLANT ID #: 92127
CONTRACT #: 357-1183

V. P.—22269-V-001-HAC-44/5

EQUIP. NO.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20220001-EI
OPC'S THIRD REQUEST FOR
PRODUCTION OF DOCUMENTS
FILED: AUGUST 10, 2022

CONFIDENTIAL MATERIAL REDACTED

BATES STAMPED PAGES 353 - 481

GE Energy Services

G A S T U R B I N E I N S P E C T I O N R E P O R T

Major Inspection

for

TECO ENERGY INC
TECO POLK POWER STATION, Unit 1

Equipment Serial #: 0296436

Job Start Date: 2/2/2009

Report Issued: 6/24/2009

FSR#: 357T1061

Report Printed: June 24, 2009

Prepared By:
Jason Barody
Field Engineer

Approved By:
Steve Braamse
Service Manager

JOB SUMMARY

Customer:	TECO ENERGY INC		
Station:	TECO POLK POWER STATION		
Unit No.:	1		
Equipment Serial #:	0296436	Rating:	159 MW
Service Year:	1996		
Eng. Responsibility:	GTD		
Equipment Model:	NA	Control System:	Mk V
Frame Size:	Ms7000	Fuel Type:	Dual Fuel
Driven Equipment:	Generator	Driven Equip S/N:	337X011
Accessory Gear S/N:	NA	Load Gear S/N:	NA
Service Type:	Contract Maintenance		
Office Location:	SE CS-TAMPA (SB)		
FSR#:	357T1061		
Service Manager:	Steve Braamse		
Service Director:	Randy Willis		
Field Engineer:	Jason Barody		
Job Start Date:	2/2/2009	Completion Date:	3/22/2009
Job Type:	Major		
Work Scope:	[N] Hot Gas Path [Y] Major [N] Fuel Nozzle [N] Combustion [N] Other		

	Total Fired Hours	Fired Starts	Emergency Stops	Peak Fired Hours	Cogen Starts	Total Starts
Current:	83906	340	435	0	0	1451
Last:	23194	0	0	0	0	0
Interval:	60712	340	435	0	0	1451

GE Site Personnel:

Name	Responsibility
Winard Parsons	Project Manager

GE Energy Services

JOB SUMMARY

Name	Responsibility
Jason Barody	Mechanical TA Days
Art Payne	Mechanical TA Nights

Customer Site Personnel:

Name	Responsibility
Jake English	TECO Contract Supervisor

Contractors:

Company	Responsibility
APM	MW Craftlabor
Dale C. Rossman	Electrical and I&C
ESI	Scaffolding / Insulation

JOB SUMMARY

GE Energy Services provided Contract Maintenance services, including necessary supervision, craft labor, tooling, equipment, and replacement parts to perform a Major Inspection with ECI at the TECO Polk Power Plant on the Unit 1 Combustion Turbine (SN 296436). A Magic inspection was also performed on Generator (SN 337X011).

The main scope of this outage is to perform a major inspection on the gas turbine and Magic inspection on the generator. Disassembly of the unit began on 02/02/2009 and the unit was turned over as mechanically complete on 03/20/2009. Work on the unit was completed on a 2 shift per day, 7 day a week basis with labor provided by APM.

Unit disassembly consisted of removal of the inlet, compressor, compressor discharge, turbine and exhaust casings, turbine piping, all combustion hardware, and all hot gas path components. Inspections on all the hardware to be replaced (transition pieces, combustion caps, liners, flow sleeves, shrouds, nozzles, and buckets) were conducted by a General Electric Field Representative. After disassembly, opening clearances were taken in order to reference rotor position.

GE Life Extension Services performed erosion tests, ECI and PT inspections on the compressor and turbine rotors. During their inspection of the stage 1 turbine wheel, an indication was found in a cooling slot. The rotor was then loaded and shipped to the Houston Service Shop for replacement. The rotor replacement scope was per FMI F5940G2.

All lower half casings, piping and extraction lines were borescoped and upper half piping and pigtails blown out to ensure no foreign material was left in the machine. A GE representative verified all the closings.

Dale C. Rossman performed all instrumentation and electrical work.

All Insulation work and scaffolding work was performed by ESI. ESI built the parts shelves used to store parts.

GE supplied all replacement parts.

The unit was reassembled using the major inspection procedures and was mechanically complete on 03/20/2009 for turnover and start of clearance removals for BOP startup checks. The green rotor run in started on 03/21/2009 and the unit was released for operation on 03/22/2009.

RECOMMENDATIONS

SHOULD BE DONE IMMEDIATELY...

1. Bearing, Journal; Deflector - Oil; T2 Bearing

The removed T2 bearing oil seals should be sent to a GE Service Shop for refurbishment.

2. Combustion Liner; Assembly; 1-14

The removed combustion liners should be sent to a GE Service Shop for refurbishment.

3. Transition Piece, Combustion; Assembly; 1-14

The removed transition pieces should be sent to a GE Service Shop for refurbishment.

4. Flow Sleeve, Combustion; Assembly; 1-14

The removed flow sleeves should be sent to a GE service center for repair or refurbishment.

5. Fuel Nozzle; Assembly; 1-14

The removed fuel nozzles should be sent to a GE Service Shop for refurbishment.

6. Valves, Check; Vck4 Pfd Liq Fuel Check Vlv; 1-14

A complete set of liquid fuel check valves and o-rings should be kept in storage for emergency situations.

7. Valve (VA19), Liquid Purge; Assembly; 1-14

A complete set of liquid fuel purge valves should be kept in storage for emergency situations.

RECOMMENDATIONS

8. Bucket, 1st Stage; Assembly; 1-92

The removed 1st stage buckets should be sent to a GE Service Shop for refurbishment.

9. Bucket, 2nd Stage; Assembly; 1-92

The removed 2nd stage buckets should be sent to a GE Service Shop for refurbishment.

10. Bucket, 3rd Stage; Assembly; 1-92

The removed 3rd stage buckets should be sent to a GE Service Shop for refurbishment.

11. Nozzle Arrangement, Stage 1; Assembly;

The removed 1st stage nozzle should be sent to a GE Service Shop for refurbishment.

12. Nozzle Arrangement, Stage 2; Assembly;

The removed 2nd stage nozzles should be sent to a GE Service Shop for refurbishment.

13. Nozzle Arrangement, Stage 3; Assembly;

The removed 3rd stage nozzles should be sent to a GE Service Shop for refurbishment.

14. Shroud, Stage 1 Turbine; Assembly; 1-32

The removed 1st stage shroud blocks should be sent to a GE Service Shop for refurbishment.

15. Shroud, Stage 2 Turbine; Assembly; 1-48

The removed 2nd stage shrouds should be sent to a GE Service Shop for refurbishment.

RECOMMENDATIONS

16. Shroud, Stage 3 Turbine; Assembly; 1-36

The removed 3rd stage shrouds should be sent to a GE Service Shop for refurbishment.

RECOMMENDATIONS

SHOULD BE DONE ON A REGULAR MAINTENANCE SCHEDULE...

1. Rotor, Compressor; Assembly; Aft Compressor

Inspect the aft end compressor for rubs per TIL 1502-2R1 at the yearly borescope.

RECOMMENDATIONS

SHOULD BE DONE AT THE NEXT OUTAGE...

1. Inlet Guide Vane; Assembly; 1-64

GE recommends that the bushings, spring washers, and vanes be thoroughly cleaned and inspected at the next outage.

2. Thermocouples/RTD's; Tt-ws1 Turb Temp-Whlspc 1st Stg; Left and Right

These areas should be inspected at the next opportunity for any damage or missing parts.

3. Piping/Components (GF); Hose - Flexible; All

All flexible metal hoses should be inspected at each outage.

4. Piping/Components (GF); Hose - Flexible; All

All flexible metal hoses should be inspected at each outage.

5. Piping/Components (GF); Hose - Flexible; Multiple

The fuel gas pigtails should be inspected for fretting and wear at the next outage.

TIL/ECN ACTIVITY

TIL # 1214-3R3 7FA BUCKET LOCKWIRE DOWEL PIN ASSEMBLY PROCEDURE AND LOCKWIRE INSPECTION

All three stages of buckets were removed and replaced during the major inspection. Each stage was installed per GE procedure and the lockwire was installed and pinned per TIL 1214-3R3. Each individual pin was inspected by GE and verified to have 2 stake marks.

TIL # 1502-2R1 7F AND 9F AFT END COMPRESSOR RUBS

The aft end compressor was inspected during the outage for rubs per TIL 1502-2R1. There were no issues to note. All opening and closing clearances were sent to GE Engineering for approval. The unit was reassembled without any need for tip grinding.

Inspect the aft end compressor for rubs per TIL 1502-2R1 at the yearly borescope.

TIL # 1547-2 GAS TURBINE FLEX HOSE RECOMMENDATIONS

All gas turbine flexible hoses were removed during the major inspection and pressure tested per TIL 1547-2. There were no major issues to note and a few gaskets that were found to be leaking. All in question were replaced. See attached data sheet for further details.

All flexible metal hoses should be inspected at each outage.

TIL # 1562 E- AND F-CLASS SHIM MIGRATION AND LOSS

During the major inspection, all existing compressor shims were inspected for shim migration. All new shims that were added during the major inspection were pinned per the latest GE procedure.

TIL/ECN ACTIVITY

TIL # 1565 SAFETY PRECAUTIONS TO FOLLOW WHILE WORKING ON VARIABLE GUIDE VANES

During the major inspection, all necessary safety precautions were taken while working on the inlet guide vane assembly per TIL 1565.

TIL # 1585 PROPER USE AND CARE OF FLEXIBLE METAL HOSES

All gas turbine flexible hoses were removed during the major inspection and pressure tested per TIL 1547-2. There were no major issues to note and a few gaskets that were found to be leaking. All in question were replaced. See attached data sheet for further details.

All flexible metal hoses should be inspected at each outage.

TIL/ECN ACTIVITY

FMI # F5940G2 a

While in Houston Service Shop for repair, the compressor rotor was modified. Note that stages R0 and R3 were tipped to bring this compressor blade/wheel tip diameters to current AO standards. This CR forward stub shaft also received the R0 Biscuit Mod.

	Current Dia	To be tipped
R0	80.704"	80.680"
R3	69.706"	69.686"

A new GEN-4 Turbine Rotor (Serial # RM68078001) was used for this unit rotor rebuild. Customer supplied Stage 1, 2 and 3 buckets were sent to Houston for installation and balance.

During the outage, TECO decided to use the new Turbine Rotor of the latest design. To further improve unit rotor life/reliability, the exhaust frame was modified in conjunction with the rotor modification. This modification involves relocation of the exhaust frame cooling holes and replaces the current single wall cone assembly with a double wall cone assembly. These modifications were applied per drawing 143E5344G001.

The existing discourager seal was removed using pneumatic hand grinder and vacuum cleaner. The double wall cone modification also relocates the exhaust frame cooling holes to redirect airflow and pre-warming the air prior to impingement on rotor aft 3rd stage wheel. This results in increasing the operating temperature of the turbine rotor aft shaft, significantly reducing stresses in the third stage wheel to aft shaft rabbet due to more uniform turbine rotor temperature.

Along with the exhaust frame modification mentioned above, exhaust flow shields have been provided and were installed per drawing 114E1819G001. These flow shields will reduce the potential for liquid leakage through the bolted joints at the bottom vertical centerline of the exhaust diffuser.

COMBUSTION SECTION

Combustion Liner

Assembly; 1-14

The existing test combustion hardware was replaced with new hardware. The new liner PN was 979E0242G007. The removed liners that came out of the unit were found in good general condition and were inspected by GE. The liners were inspected for signs of wear along the liner stops and for distortion along the body. The liner caps appeared in excellent condition with no TBC coating defects. All floating collars moved freely with none to minimal collar wear detected. The liner bodies had numerous cracks around the second band of combustion mixing holes located 6 inches from inlet end. The liners all displayed significant heat patterns, including all cracked areas. All liners remained symmetrical with no bulging or dips. All liners showed minor wear observed on the liner stops and on the inner crossfire tube collar. This wear is the result of these pieces being in constant contact with liners and inner crossfire tubes. The results from the inspection are on the attached data sheet. The serial numbers and the part numbers were also recorded. The components will also be inspected further at the GE Service Shop.

The removed combustion liners should be sent to a GE Service Shop for refurbishment.

Combustion Liner

Crossfire Tube; 1-14

The crossfire tubes were removed and visually inspected for damage by GE. There was normal wear on the male and the female inner crossfire tubes where the tubes rest in the liner, as well as wear located in the slots where the retainers clip onto the crossfire tube. All of the inner crossfire tubes were replaced with new components. Refer to the data sheets in this report for further details.

Combustion Liner

Crossfire Tube; Outer - All

The outer crossfire tubes were removed and inspected. There were a few found to be incorrect parts and were replaced during the outage with the proper parts.

COMBUSTION SECTION

Combustion Liner

Retainer - Crossfire Tube; 1-14

The retainers were removed and visually inspected for damage by GE. The wear on the retainer clips was found in the area where the crossfire tube is in constant contact with the clip. There were also cases where the retainer clips were bent. All retainers were replaced new components. Refer to the data sheets in this report for further details.

Combustion Transition Piece

Assembly; 1-14

The transition pieces were removed as part of the major inspection. The serial numbers and the part numbers were recorded, and the transition pieces were inspected. They were inspected for cracks along the aft brackets, implosion on the impingement sleeve, and thermal barrier coating loss. With the exception fretting on the picture frames no other issues found on any of the transition pieces. The respective data sheet is attached to this report. The removed hardware should be sent to a GE Service Shop for further inspection and refurbishment.

The new transition pieces part number is 979E0269G029. The serial numbers were recorded for each component. Care was taken upon installing the transition piece so that the floating seals were not damaged. The transition piece to first stage nozzle setback dimensions were recorded, and they were then compared to the design clearances listed on GE drawing 986E0312. The dimensions were within the specifications noted, and the transition piece lock tabs were bent.

The removed transition pieces should be sent to a GE Service Shop for refurbishment.

Combustion Transition Piece

Bracket - Bullhorn; 1-14

All bullhorn brackets were removed and inspected by GE. There were signs of wear on all, refer to the attached data sheet and picture. They were replaced with new components.

COMBUSTION SECTION

Transition Piece Hardware

Assembly; 1-14

New transition piece hardware was used during the installation of the transition pieces. The instructions for the installation of the transition pieces and the associated hardware were closely followed. GE performed a thorough QC inspection during and after the installation of the transition pieces and hardware to ensure proper installation.

All transition piece aft bracket and side seal retainer bolts and bullhorn mounting bolts were lubricated with heavy-duty anti-seize during assembly. The aft mounting bolts, bullhorn bolts and side seal retainer bolts were properly torqued as specified in reassembly instructions. The lock tabs were installed and checked for proper installation. A complete set of new hardware should be on hand for the next outage.

Transition Piece Hardware

Retainer - Side Seal; 1-14

The side seals were removed and visually inspected for damage by GE. They were replaced with new components during reassembly. GE also inspected the side seal blocks for damage.

Combustion Flow Sleeve

Assembly; 1-14

The flow sleeves were removed, serial numbers recorded and inspected. They were inspected for damage to the hula seals and for wear along the combustion piston ring. A visual inspection of the hula seals revealed no signs of bent seals or excessive wear. The flow sleeves were then turned on the forward face, and the combustion piston ring was inspected for wear. There were no defects to note. There were 8 components replaced with the correct group number, which were installed at the previous CI and per PAC were ok to run until the major inspection.

The removed flow sleeves should be sent to a GE service center for repair or refurbishment.

COMBUSTION SECTION

Combustion Spark Plug

Assembly; #2 & #3

The ignitors were removed and inspected for damage by GE personnel. One of the ignitors warranted replacement. Each was tested prior to final installation.

Fuel Nozzle

Assembly; 1-14

The fuel nozzles were removed from the combustion system and visually inspected. No damage was found on the swirl tips, no coking was present, and no holes were plugged. The part numbers and the serial numbers were recorded after the visual inspection was complete.

A new set of fuel nozzles was on hand for installation. The fuel nozzles were installed with a new gasket and with bolts that were cleaned and lubricated per GEK 107157. The serial numbers and part numbers were recorded from the new fuel nozzles.

The removed fuel nozzles should be sent to a GE Service Shop for refurbishment.

Flame Detector (28FD)

Assembly; 12a, 12b, 13 & 14

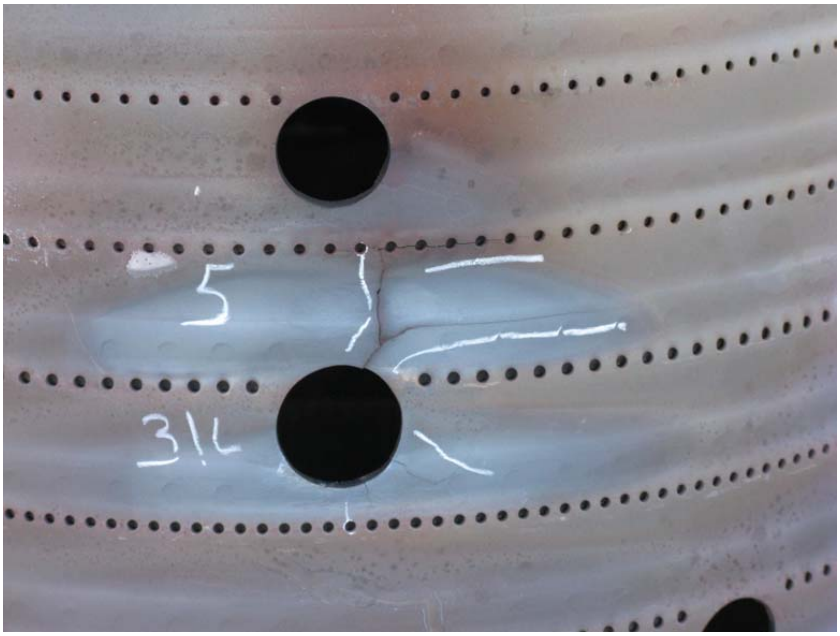
The flame detectors were removed and inspected by GE personnel. One out of the four detectors warranted replacement, no other serious defects were noted.

The cooling coils were visually inspected and found in great condition.

COMBUSTION SECTION

Liners As Found

COMBUSTION SECTION



Typical Liner Cracks Found

COMBUSTION SECTION

Liners - New

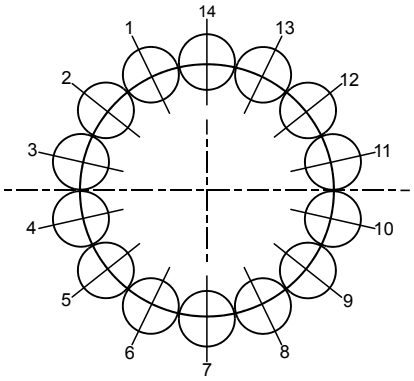
INSPECTION REPORT
Gas Turbine Maintenance

MS7001F

Combustion
Chambers – General Condition

Date	2/12/2009	Turbine S/N	296436	Prepared by	Barody, Jason
FSR #	357T1061	Sketches Enclosed?	No	Photos Enclosed?	Yes
		Data Type	As Found		

COMBUSTION LINER ORIENTATION
LOOKING DOWNSTREAM



MS7001F GT71F113

PROCEDURE

1. Make inspection of Combustion Casing (Cans), Inner Shields, and Covers.
2. Report Evidence of:
   a. **CORROSION** Make quantitative judgment of the degree (light, medium, heavy)
   b. **CRACKING** Report directional (axial or circumferential) length in inches, location location (weld or parent metal) and disposition (repair or replace)
   c. **OVERHEATING** Look for and report discoloration, bulging (inward) or holes holes burned through.

Chamber No.	Describe Condition and Disposition
1	No noted corrosion, cracking or overheating
2	No noted corrosion, cracking or overheating
3	No noted corrosion, cracking or overheating
4	No noted corrosion, cracking or overheating
5	No noted corrosion, cracking or overheating
6	No noted corrosion, cracking or overheating
7	No noted corrosion, cracking or overheating
8	No noted corrosion, cracking or overheating
9	No noted corrosion, cracking or overheating
10	No noted corrosion, cracking or overheating
11	No noted corrosion, cracking or overheating
12	No noted corrosion, cracking or overheating
13	No noted corrosion, cracking or overheating
14	No noted corrosion, cracking or overheating

Comments	
Overall the general condition is good for these components.	

GT3005 Combustion Can Arrangement General Cond(a)

INSPECTION REPORT
Gas Turbine Maintenance

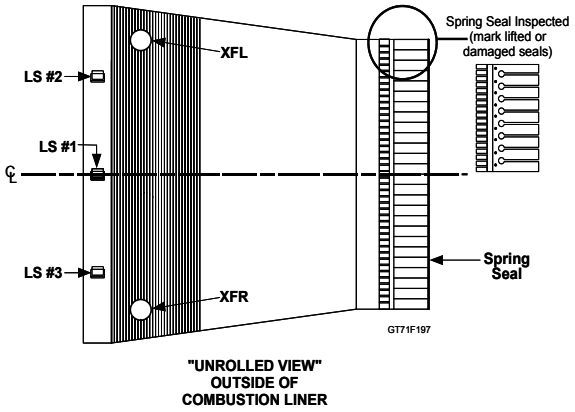
MS 7001FA, 7001FA+, 7001FA+e

Combustion

Liner – General Condition (DLN-2.6)

Date 2/20/2009 | Turbine S/N 296436 | Prepared by Barody, Jason
FSR # 357T1061 | Sketches Enc. No | Photos Enclosed? Yes
Data Type As-Found

Part No. Out: **919E024** *Part No. In:*



"UNROLLED VIEW"
OUTSIDE OF
COMBUSTION LINER

DISPOSITION CODES
N - No repairs or replacement necessary
R - Repaired (On-site, vendor, ASBD Service Shop)
RN - Replaced with new component (include Serial Number)
RRNI - Replacement recommended

DEFECT CODES
B - Burned
CO - Corroded
C - Crack
BK - Buckled
H - Hot Spots
W - Worn
PH - Plugged Cooling Holes
RD - Liner Ring Distortion
RC - Liner Ring Cracking
BR - Broken
BT - Bent
M - Missing
TB TBC Missing

Liner Inspections

Chamber Number	Serial Number Of Liner		Hula Seal Condition	Liner Stop Condition	Liner Body Condition	X-Fire Collar Condition	Liner Disposition Code
1	166169		W	W		C	RN
2	200436		W	W		C	RN
3	166159		W	W		C	RN
4	166171		W	W		C	RN
5	166170		W	W		C	RN
6	166167		W	W		C	RN
7	166161		W	W		C	RN
8	166162		W	W		C	RN
9	166158		W	W	C	C	RN
10	166166		W	W	C	C	RN
11	166160		W	W	C	C	RN
12	166163		W	W		C	RN
13	166164		W	W		C	RN
14	166165		W	W		C	RN

Comments:
All liners were replaced as part of the major inspection. These liners will be fully inspected when the go to a GE Service Shop for refurbishment.

Combustion Liners1

Inner cross fire tube wear

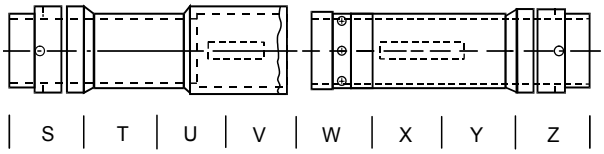
Retaining clips as found

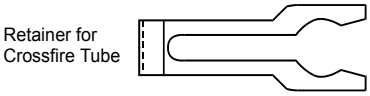
INSPECTION REPORT
Gas Turbine Maintenance
MS7001F

Combustion
Crossfire Tube & Retainer

Date 3/10/2009 Turbine S/N 296436 Prepared by Barody, Jason
FSR # 357T1061 Sketches Enclosed? No Photos Enclosed? No

AS FOUND





DEFECT CODES
W - Wear **CR -** Cracked
BT - Bent **BU -** Burned
H - Hot Spots
WA - Wear Coating Lost

DISPOSITION CODES
N - No repair or replacement necessary.
RG - Repaired by GE
RC - Repaired by Customer
RO - Repaired by Other
RN - Replaced with new component.
RR - Replacement Recommended

Chambers	Defect & Location	Disposition	Chamber End	Defect & Location	Disposition
1-2	W-S; W-Z	RN	**1-2.**	BT, WA	RN
			2-1.	BT, WA	RN
2-3	W-Z; W-S	RN	**2-3.**	BT, WA	RN
			3-2.	BT, WA	RN
3-4	W-S	RN	**3-4.**	BT, WA	RN
			4-3.	BT, WA	RN
4-5	W-S; W-Z	RN	**4-5.**	BT, WA	RN
			5-4.	BT, WA	RN
5-6	W-S	RN	**5-6.**	BT, WA	RN
			6-5.	BT, WA	RN
6-7	W-S	RN	**6-7.**	BT, WA	RN
			7-6.	BT, WA	RN
7-8	W-S	RN	**7-8.**	BT, WA	RN
			8-7.	BT, WA	RN
8-9	W-S	RN	**8-9.**	BT, WA	RN
			9-8.	BT, WA	RN
9-10	W-S; W-Z	RN	**9-10.**	BT, WA	RN
			10-9.	BT, WA	RN
10-11	W-S; W-Z	RN	**10-11.**	BT, WA	RN
			11-10.	BT, WA	RN
11-12	W-S	RN	**11-12.**	BT, WA	RN
			12-11.	BT, WA	RN
12-13	W-S	RN	**12-13.**	BT, WA	RN
			13-12..	BT, WA	RN
13-14	W-S; W-Z	RN	**13-14.**	BT, WA	RN
			14-13.	BT, WA	RN
14-1	W-S; W-Z	RN	**14-1.**	BT, WA	RN
			1-14.	BT, WA	RN

Comments:
All components showed typical wear patterns for the amount of hours on them. All were replaced with customer spares during the outage.

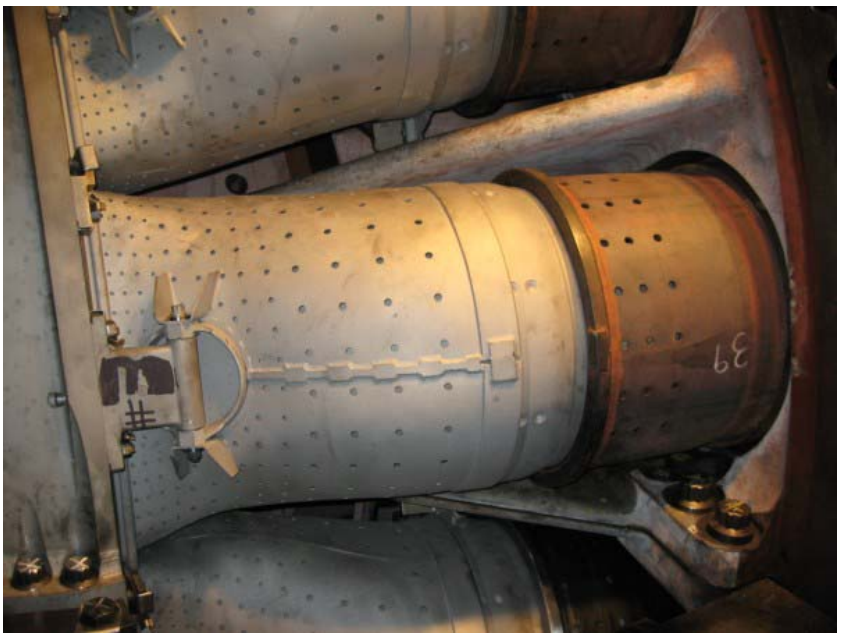
GT3051_Crossfire tube and RetainerInspection

Outer crossfire tubes -- Note the different lengths

TP As Found Condition

TP Picture Frame - As Found Condition

TP - New



TP's Installed

INSPECTION REPORT
Gas Turbine Maintenance
MS7001F

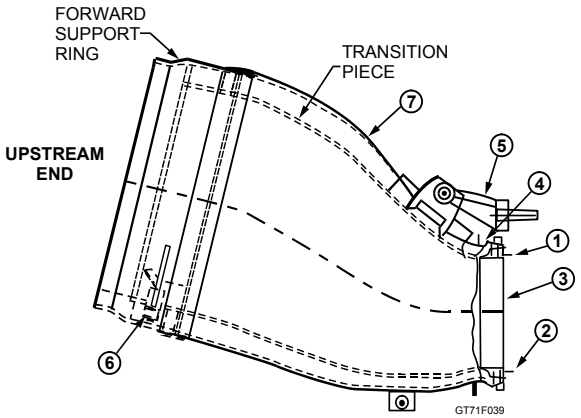
Combustion

Transition Piece – General Condition

Date	2/25	Turbine S/N	296436	Prepared by	Barody, Jason
FSR#	357T1061	Sketches Enclosed?	NO	Photos Enclosed?	N
		Data Type	AS FOUND		

*Part Number Out** **919E0269G013** *Part Number In** **919E0269G013**

*** NOTE: If part number IN is different than part number OUT, check with customer service.**



DEFECT CODES
W - Wear
C - Cracked
H - Hot Spots

CRACK LOCATION CODE
1 - Outer Seal
2 - Inner Seal
3 - Side Frame
4 - Seal Retainer Strip
5 - Aft Bracket
6 - Forward Support
7 - Impingement Sleeve

DISPOSITION CODES
N - No repair or replacement necessary
RG - Repaired by GE
RC - Repaired by Customer
RO - Repaired by Other
RN - Replaced with new component
RR - Replacement Recommended

PART # 129E9499G005

	Serial No.		CRACKS			DEFECTS		
Chamber	Out	In	Cracks	Location	Length	Code	Location	Disposition
1	71F0652					C	1,2,8	RN
2	71F0642					W	1,2,8	RN
3	71F0655					W	1,2,8	RN
4	71F0646					W	1,2,8	RN
5	71F0645					W	1,2,8	RN
6	71F0649					W	1,2,8	RN
7	71F0650					W	1,2,8	RN
8	71F0647					W	1,2,8	RN
9	71F0643					W	1,2,8	RN
10	71F0653					W	1,2,8	RN
11	71F0648					W	1,2,8	RN
12	71F0651					W	1,2,8	RN
13	71F0654					W	1,2,8	RN
14	71F0644					C	1,2,8	RN

GT3200_Transition Piece (a)

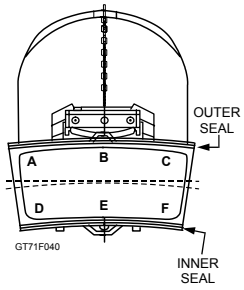
INSPECTION REPORT
Gas Turbine Maintenance

MS 7001F, 9001F

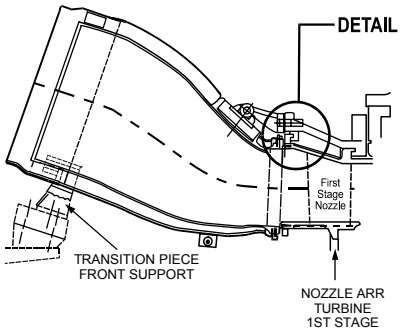
Combustion

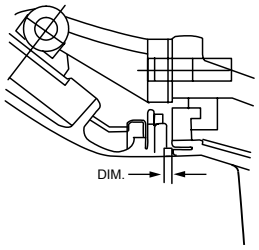
Transition Piece to Nozzle Setback

Date 03/11/09 | Turbine S/N 296436 | Prepared by Barody, Jason
FSR # 357T1061 | Sketches Enclosed? N | Photos Enclosed? N
Data Type CLOSING



SIX POSITIONS





SIX DIMENSIONS

NOTE: Dimension is taken between the 1st stage nozzle sidewall and the transition piece aft end frame. Measurement is to be taken with feeler gauges or vernier

SETBACK TABLE						
CHAMBER NO.	**Dim. A**	**Dim. B**	**Dim. C**	**Dim. D**	**Dim. E**	**Dim. F**
1	0.275	0.228	0.245	0.393	0.353	0.352
2	0.298	0.258	0.241	0.419	0.384	0.381
3	0.364	0.309	0.281	0.441	0.426	0.369
4	0.303	0.256	0.204	0.286	0.301	0.324
5	0.347	0.278	0.241	0.384	0.353	0.317
6	0.284	0.284	0.248	0.300	0.308	0.283
7	0.270	0.275	0.287	0.431	0.415	0.407
8	0.307	0.279	0.299	0.403	0.402	0.411
9	0.294	0.296	0.296	0.431	0.430	0.436
10	0.314	0.320	0.313	0.407	0.415	0.407
11	0.376	0.333	0.336	0.392	0.418	0.422
12	0.299	0.259	0.259	0.390	0.398	0.412
13	0.271	0.260	0.253	0.379	0.413	0.379
14	0.230	0.244	0.229	0.315	0.310	0.294

Comments:

GE Spec for Dim A, B, and C = 0.200 - 0.400
GE Spec for Dim D, E, and F = 0.250- 0.500

GT3225 TP SETBACK(a)

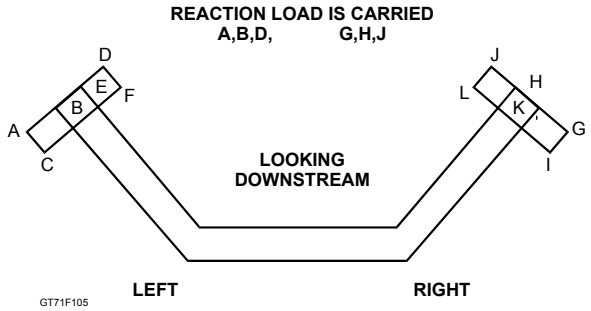
Bullhorns - General Condition

INSPECTION REPORT
Gas Turbine Maintenance

Combustion

MS 7001F, 9001F — ***Transition Piece Front Support Clamp - General Condition***

Date	3/10/2009	Turbine S/N	296436	Prepared by	Barody, Jason
FSR #	357T1061	Sketches Enclosed?	N	Photos Enclosed?	N
		Data Type	As Found		



CONDITION CODES
N - Normal
W - Worn
CR - Cracked
BT - Bent
M - Missing Metal
BR - Broken
AJ - Adjustment Required

DISPOSITION CODES
NR - No repair or replacement necessary.
RG - Repaired by GE
RC - Repaired by Customer
RO - Repaired by Other
RN - Replaced with new component.
RR - Replacement Recommended

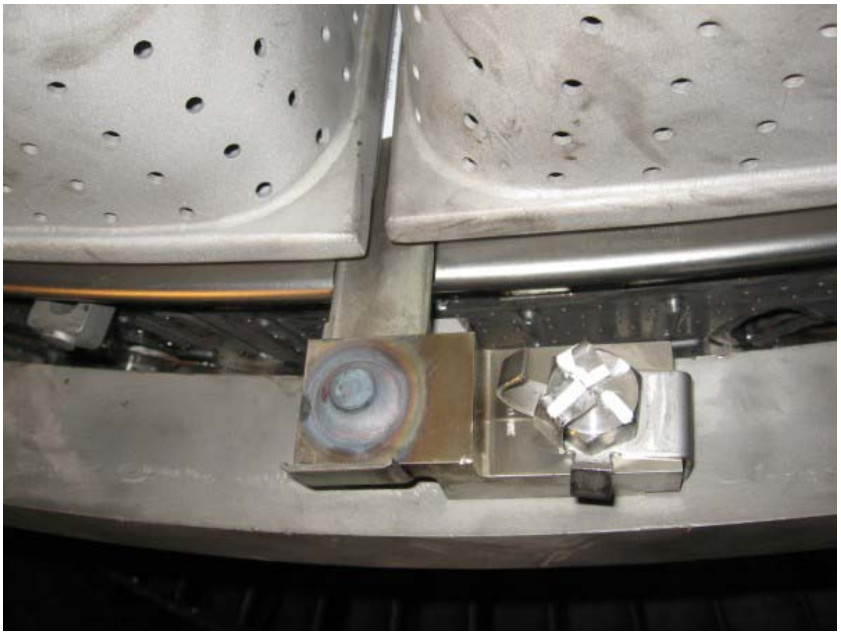
		MEASUREMENT LOCATION AND CONDITION											
CHAMBER	**DISP.**	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**K**	**L**
1	RN	W		W	W					W			W
2	RN	W											
3	RN			W			W	W			W		W
4	RN			W						W	W		
5	RN	W			W			W			W		W
6	RN	W		W	W		W			W	W		W
7	RN			W				W		W			W
8	RN	W		W				W					W
9	RN	W			W			W			W		W
10	RN	W		W	W		W			W	W		W
11	RN			W				W		W			W
12	RN	W		W				W					W
13	RN	W		W				W					W
14	RN	W			W			W			W		W

NOTE: Wear measurement is approximate (visual, feel). Wear depth in MILS.

Comments:	

Typical wear on all bullhorn blocks. All were replaced during the outage with a spare set.

GT3215_BullHorns(a)



TP Hardware Installed

Side seal block condition

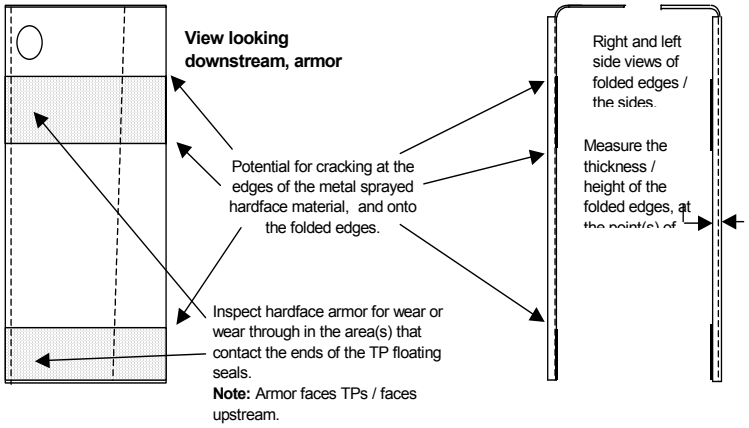
Side seal wear - As Found

INSPECTION REPORT
Gas Turbine Maintenance
MS 7001F, 9001F

Combustion

Transition Piece Side Seal Condition

Date 3/10/2009 | Turbine S/N 296436 | Prepared by Barody, Jason
FSR # 357T1061 | Sketches Enclosed? No | Photos Enclosed ? Yes
Data Type As Found



CONDITION CODES:

N - Normal
CR - Cracked Armor
BT - Bent
M - Missing Metal
BA - Breeched (Hardfaced)
W1 - Wear Less Than 50%

DISPOSITION CODES

NR - No repair or replacement necessary.
RN - Replaced with new component.

Location Between	Condition	Disposition
1-2	W1	RN
2-3	W1	RN
3-4	W1	RN
4-5	W1	RN
5-6	W1	RN
6-7	W1	RN
7-8	W1	RN
8-9	W1	RN
9-10	W1	RN
10-11	W1	RN
11-12	W1	RN
12-13	W1	RN
13-14	W1	RN
14-1	W1	RN

Comments:
Typical condition for side seals. No major defects to note. All were replaced with new parts during the outage.

GT3235_Side Seals(a)

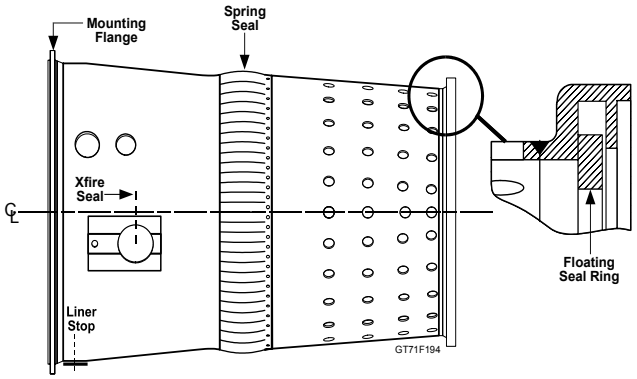
Flow Sleeves - New

INSPECTION REPORT
Gas Turbine Maintenance
MS 7001FA, 7001FA+, 7001FA+e

Combustion Section

Flow Sleeve - General Inspection (DLN-2.6)

Date	2/20	Turbine S/N	296436	Prepared by	Barody, Jason
FSR #	357T1061	Sketches Enclosed?	No	Photos Enclosed?	Yes



DEFECT CODES:
CR - Cracked
D - Distortion
W - Wear
B - Blockage
PW - Liner Stop Pin Wear
SW - Liner Stop Side Wear
CT - Crossfire Tube Flange Wear

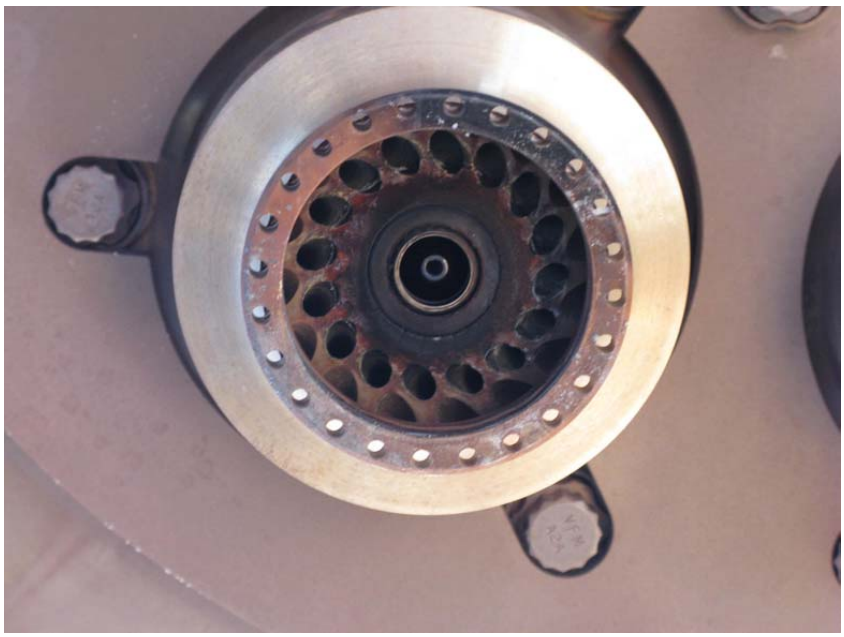
DISPOSITION CODES:
N - No Repair or Replacement
R - Repaired (by whom)
RN - Replace with new

Chamber #	S/N # Inspected	Defect Code and Location	Seal Condition	Seal Diameter	Disposition
1	G6612	MINOR SIGNS OF PISTON SEAL WEAR	W	NA	N
2	G6614	MINOR SIGNS OF PISTON SEAL WEAR	W	NA	N
3	G6613	MINOR SIGNS OF PISTON SEAL WEAR	W	NA	N
4	G6623	MINOR SIGNS OF PISTON SEAL WEAR	W	NA	N
5	G6624	MINOR SIGNS OF PISTON SEAL WEAR	W	NA	N
6	G6619	MINOR SIGNS OF PISTON SEAL WEAR	W	NA	N
7	G6620	MINOR SIGNS OF PISTON SEAL WEAR	W	NA	N
8	G6616	MINOR SIGNS OF PISTON SEAL WEAR	W	NA	N
9	G6617	MINOR SIGNS OF PISTON SEAL WEAR	W	NA	N
10	G6618	MINOR SIGNS OF PISTON SEAL WEAR	W	NA	N
11	G6615	MINOR SIGNS OF PISTON SEAL WEAR	W	NA	N
12	G6621	MINOR SIGNS OF PISTON SEAL WEAR	W	NA	N
13	G6622	MINOR SIGNS OF PISTON SEAL WEAR	W	NA	N
14	G6611	MINOR SIGNS OF PISTON SEAL WEAR	W	NA	N

Comments:

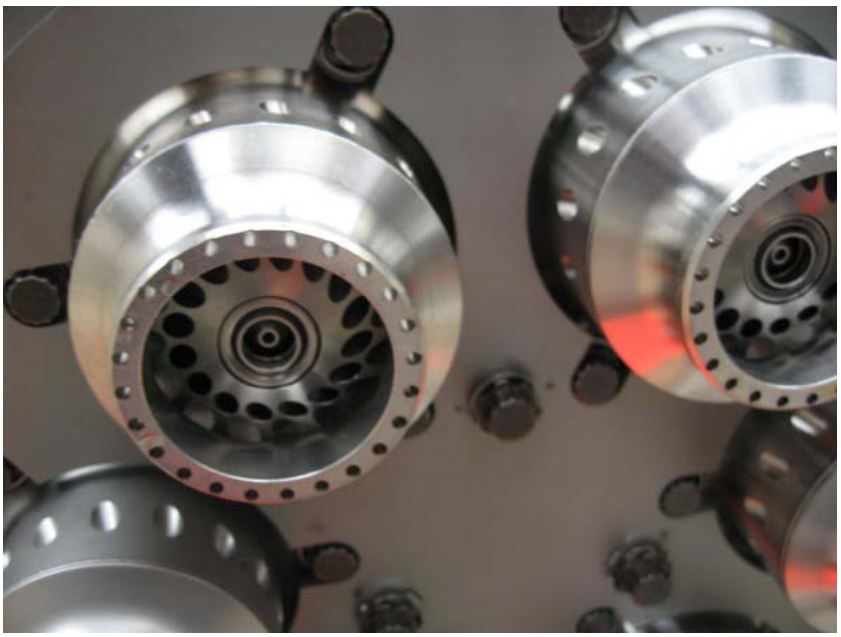
Flow sleeves were in good condition with no issues to note. The incorrect group numbers were replaced at this outage with the proper group number.

GT3076_Flow Sleeve General Inspection(a)



Fuel Nozzles As Found

Fuel Nozzle - New



Fuel Nozzle Tips - New

COMPRESSOR SECTION

Bellmouth Inlet Casing

Assembly;

The upper inlet bellmouth casing was removed during this outage to allow for removal of the turbine rotor. All casing bolting and hardware was cleaned and inspected for damage. All bolts were lubricated with Loctite Heavy Duty Anti-Seize prior to installation.

The upper and lower bellmouth casings were prepped for reassembly. All bolt holes and spot faces were cleaned. The upper casing was rigged and leveled. The upper casing was positioned over the lower casing and lowered using guide pins. The body dowels were installed and then all of the other casing bolts installed. The horizontal joint bolts were torqued.

Compressor Forward Casing

Assembly;

The upper compressor casing was removed during this outage to allow for removal of the turbine rotor. All compressor casing bolting and hardware was cleaned and inspected for damage. All bolts were lubricated with Loctite Heavy Duty Anti-Seize prior to installation. The upper and lower compressor casings were prepped for reassembly. All bolt holes and spot faces were cleaned.

The casings were blown out with air and a final QC check performed to ensure all foreign material was removed. The upper casing was rigged and leveled. The upper casing was positioned over the lower casing and lowered using guide pins. The body dowels were installed and then all of the other casing bolts installed. The horizontal joint bolts were torqued using the ITH and Hytorq equipment. After all of the compressor casing bolts were installed and torqued, the casing jacks were removed.

COMPRESSOR SECTION

Compressor Discharge Casing

Assembly;

The upper compressor discharge casing was removed during this outage to allow for the rotor removal. All compressor discharge casing bolting and hardware was cleaned and inspected for damage. All bolts were lubricated with Loctite Heavy Duty Anti-Seize prior to installation.

The upper and lower compressor discharge casings were prepped for reassembly. All bolt holes and spot faces were cleaned. The casings were blown out with air and a final QC check performed to ensure all foreign material was removed. The upper casing was rigged and leveled. The upper casing was positioned over the lower casing and lowered using guide pins. The body dowels were installed and then all of the other casing bolts installed. The horizontal joint bolts were torqued using the Hytorq equipment. After all of the compressor discharge casing bolts were installed and torqued, the casing jacks were removed.

Compressor Rotor Blade(s)

Blade; Multiple

The compressor was visually inspected during this outage. The compressor was found to be in generally good condition. There were a few blades that were found to have slight FOD on the leading or trailing edge. The General Electric Service Shop Technician blended the damaged area out per GE Engineering disposition while the rotor was at the Service Shop for repairs.

Compressor Rotor

Assembly;

While in Houston Service Shop for repair, the compressor rotor was modified. Note that stages R0 and R3 were tipped to bring this compressor blade/wheel tip diameters to current AO standards. This CR forward stub shaft also received the R0 Biscuit Mod.

	Current Dia	To be tipped
R0	80.704"	80.680"
R3	69.706"	69.686"

COMPRESSOR SECTION

Compressor Rotor

Assembly; Aft Compressor

The aft end compressor was inspected during the outage for rubs per TIL 1502-2R1. There were no issues to note. All opening and closing clearances were sent to GE Engineering for approval. The unit was reassembled without any need for tip grinding.

Inspect the aft end compressor for rubs per TIL 1502-2R1 at the yearly borescope.

Compressor Stator Vanes

Shim; All

During the major inspection, all existing compressor shims were inspected for shim migration. All new shims that were added during the major inspection were pinned per the latest GE procedure.

Compressor Stator Vanes

Vane; All Locations

All aft stator stages (S13-S16) were inspected for excessive rock. This check is performed per the GE Engineering recommendations and the data can be seen in the attached data sheets. There were no serious defects to note.

Compressor Stator Vanes

Vane; All Locations

All stator stages were inspected and checked for proper gap checks. If the stage needed adjustment, the vanes were either machined or a shim was added and pinned per the latest GE Engineering procedure. Refer to the attached data sheet for further details.

Inlet Guide Vane

Assembly;

During the major inspection, all necessary safety precautions were taken while working on the inlet guide vane assembly per TIL 1565.

COMPRESSOR SECTION

Inlet Guide Vane

Assembly; 1-64

The variable inlet guide vanes (VIGV) were cleaned and visually inspected and noted to be in good condition. There was no corrosion at the tips, no cracks on the vanes, and light erosion on the leading edges. After cleaning, the backlash, X-gap and bushing clearances measurements were recorded. The data can be found on GE inspection form GT4050.

GE recommends that the bushings, spring washers, and vanes be thoroughly cleaned and inspected at the next outage.

Inlet Guide Vane

Assembly; 1-64

After the inlet guide vanes were rebuilt, each vane was checked for proper angular position at the full open, full close and mid-span. A GE Controls Specialist then performed the calibration.

INSPECTION REPORT
Gas Turbine Maintenance

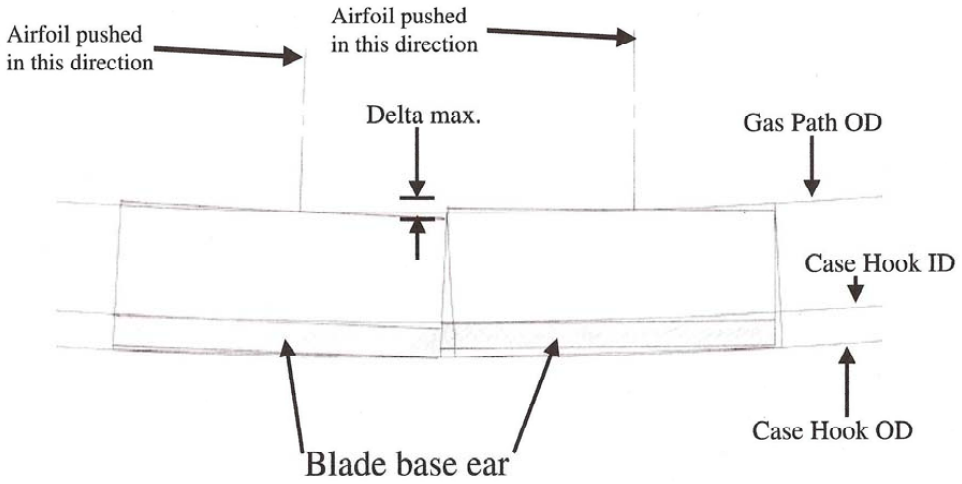
MS7001F

Compressor
Stator Rock Checks

Date 02/09/2009 Turbine S/N 296436 Prepared by Barody, Jason
FSR # 357T1061 Sketches Enclosed? N Photos Enclosed? N
As found

Stator rock is to be measured and recorded below. All views with turbine flow.

Stage: 13
Vane PN #:
Dwg #:



Vane #		Vane #		Vane #		Vane #		Vane #		Vane #			
1	0.021	**20**	0.009	**39**	0.007	**58**	0.009	**77**	0.006	**96**	0.007		
2	0.011	**21**	0.005	**40**	0.007	**59**	0.008	**78**	0.007	**97**	0.009		
3	0.010	**22**	0.006	**41**	0.007	**60**	0.007	**79**	0.008	**98**	0.011		
4	0.009	**23**	0.007	**42**	0.008	**61**	0.008	**80**	0.007	**99**	0.010		
5	0.008	**24**	0.005	**43**	0.006	**62**	0.008	**81**	0.009	**100**	0.008		
6	0.008	**25**	0.006	**44**	0.008	**63**	0.008	**82**	0.008	**101**	0.009		
7	0.010	**26**	0.007	**45**	0.007	**64**	0.007	**83**	0.009	**102**	0.009		
8	0.007	**27**	0.008	**46**	0.006	**65**	0.009	**84**	0.010	**103**	0.007		
9	0.005	**28**	0.008	**47**	0.006	**66**	0.006	**85**	0.008	**104**	0.008		
10	0.005	**29**	0.008	**48**	0.008	**67**	0.009	**86**	0.008	**105**	0.008		
11	0.009	**30**	0.009	**49**	0.007	**68**	0.008	**87**	0.007	**106**	0.008		
12	0.006	**31**	0.008	**50**	0.005	**69**	0.008	**88**	0.009	**107**	0.007		
13	0.007	**32**	0.011	**51**	0.010	**70**	0.007	**89**	0.007	**108**	0.006		
14	0.008	**33**	0.008	**52**	0.008	**71**	0.009	**90**	0.006	**109**	0.010		
15	0.007	**34**	0.006	**53**	0.009	**72**	0.008	**91**	0.009	**110**	0.009		
16	0.006	**35**	0.008	**54**	0.008	**73**	0.005	**92**	0.008				
17	0.006	**36**	0.006	**55**	0.019	**74**	0.008	**93**	0.008				
18	0.007	**37**	0.005	**56**	0.008	**75**	0.007	**94**	0.009				
19	0.005	**38**	0.008	**57**	0.009	**76**	0.006	**95**	0.008				

Comments:
All readings in .000"

Stator rock check13

INSPECTION REPORT
Gas Turbine Maintenance

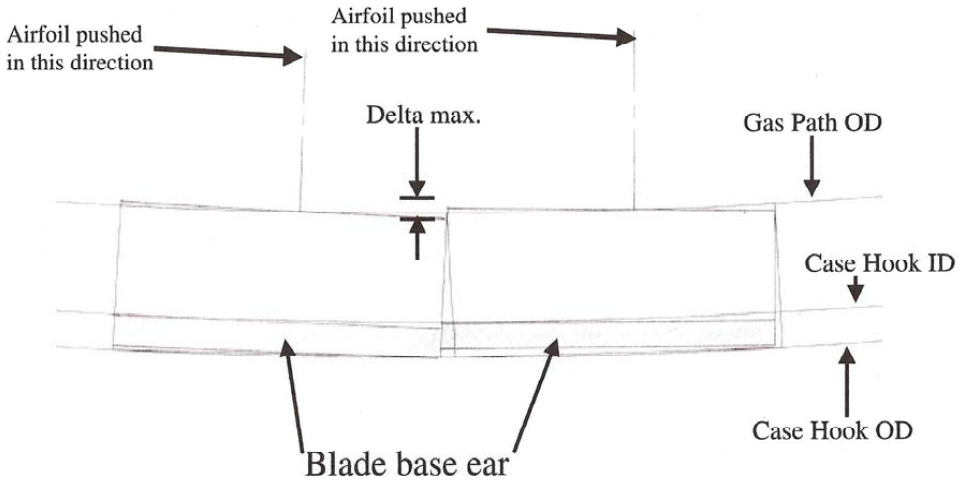
MS7001F

Compressor
Stator Rock Checks

Date 02/09/2009 Turbine S/N 296436 Prepared by Barody, Jason
FSR # 357T1061 Sketches Enclosed? N Photos Enclosed? N
AS FOUND

Stator rock is to be measured and recorded below. All views with turbine flow.

Stage: 14
Vane PN #:
Dwg #:



Vane #		Vane #		Vane #		Vane #		Vane #		Vane #		Vane #	
1	0.016	**20**	0.007	**39**	0.007	**58**	0.006	**77**	0.005	**96**	0.007		
2	0.007	**21**	0.011	**40**	0.009	**59**	0.005	**78**	0.004	**97**	0.008		
3	0.009	**22**	0.006	**41**	0.007	**60**	0.006	**79**	0.008	**98**	0.006		
4	0.006	**23**	0.008	**42**	0.008	**61**	0.006	**80**	0.006	**99**	0.006		
5	0.009	**24**	0.007	**43**	0.006	**62**	0.006	**81**	0.007	**100**	0.007		
6	0.007	**25**	0.008	**44**	0.008	**63**	0.007	**82**	0.005	**101**	0.008		
7	0.008	**26**	0.007	**45**	0.006	**64**	0.006	**83**	0.007	**102**	0.010		
8	0.005	**27**	0.007	**46**	0.007	**65**	0.004	**84**	0.008	**103**	0.010		
9	0.008	**28**	0.006	**47**	0.008	**66**	0.006	**85**	0.008	**104**	0.011		
10	0.007	**29**	0.007	**48**	0.008	**67**	0.006	**86**	0.004	**105**	0.008		
11	0.008	**30**	0.006	**49**	0.008	**68**	0.008	**87**	0.006	**106**	0.007		
12	0.008	**31**	0.008	**50**	0.008	**69**	0.004	**88**	0.008	**107**	0.010		
13	0.009	**32**	0.007	**51**	0.007	**70**	0.006	**89**	0.006	**108**	0.006		
14	0.007	**33**	0.009	**52**	0.007	**71**	0.008	**90**	0.006	**109**	0.008		
15	0.007	**34**	0.007	**53**	0.008	**72**	0.005	**91**	0.006	**110**	0.010		
16	0.008	**35**	0.008	**54**	0.007	**73**	0.005	**92**	0.007				
17	0.008	**36**	0.008	**55**	0.022	**74**	0.008	**93**	0.006				
18	0.008	**37**	0.006	**56**	0.004	**75**	0.007	**94**	0.006				
19	0.009	**38**	0.007	**57**	0.005	**76**	0.007	**95**	0.008				

Comments:
All readings in .000"

Stator rock check14

INSPECTION REPORT
Gas Turbine Maintenance

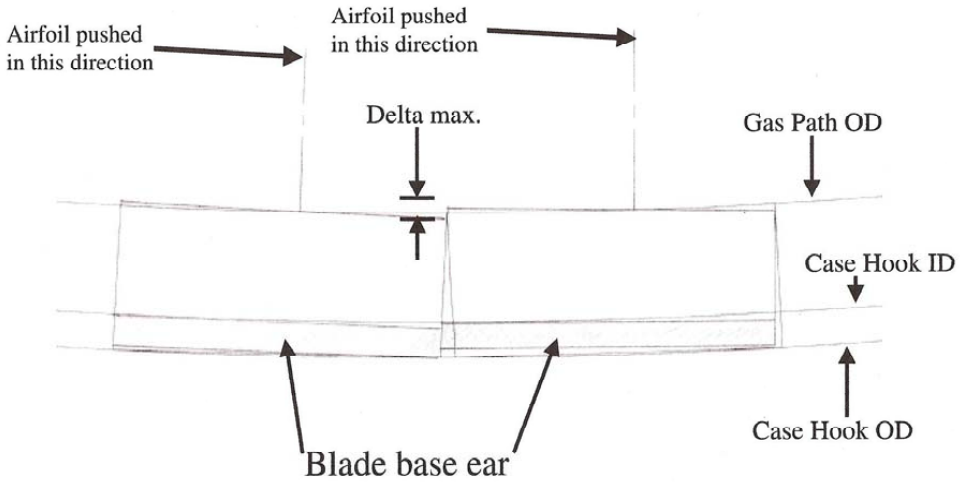
MS7001F

Compressor
Stator Rock Checks

Date 02/09/2009 Turbine S/N 296436 Prepared by Barody, Jason
FSR # 357T1061 Sketches Enclosed? N Photos Enclosed? N
AS FOUND

Stator rock is to be measured and recorded below. All views with turbine flow.

Stage: 15
Vane PN #:
Dwg #:



Vane #		Vane #		Vane #		Vane #		Vane #		Vane #		Vane #	
1	0.021	**20**	0.008	**39**	0.007	**58**	0.008	**77**	0.007	**96**	0.006		
2	0.008	**21**	0.009	**40**	0.007	**59**	0.007	**78**	0.006	**97**	0.010		
3	0.007	**22**	0.008	**41**	0.008	**60**	0.007	**79**	0.008	**98**	0.008		
4	0.009	**23**	0.010	**42**	0.005	**61**	0.006	**80**	0.007	**99**	0.007		
5	0.005	**24**	0.006	**43**	0.010	**62**	0.008	**81**	0.006	**100**	0.009		
6	0.006	**25**	0.010	**44**	0.009	**63**	0.008	**82**	0.006	**101**	0.006		
7	0.006	**26**	0.009	**45**	0.010	**64**	0.006	**83**	0.004	**102**	0.010		
8	0.004	**27**	0.008	**46**	0.008	**65**	0.006	**84**	0.004	**103**	0.007		
9	0.009	**28**	0.008	**47**	0.007	**66**	0.007	**85**	0.006	**104**	0.011		
10	0.009	**29**	0.009	**48**	0.007	**67**	0.006	**86**	0.006	**105**	0.009		
11	0.006	**30**	0.006	**49**	0.009	**68**	0.006	**87**	0.007	**106**	0.008		
12	0.008	**31**	0.008	**50**	0.009	**69**	0.009	**88**	0.007	**107**	0.010		
13	0.010	**32**	0.008	**51**	0.012	**70**	0.007	**89**	0.007	**108**	0.005		
14	0.009	**33**	0.008	**52**	0.010	**71**	0.009	**90**	0.008	**109**	0.009		
15	0.008	**34**	0.008	**53**	0.006	**72**	0.007	**91**	0.007	**110**	0.009		
16	0.009	**35**	0.007	**54**	0.009	**73**	0.007	**92**	0.006				
17	0.011	**36**	0.008	**55**	0.022	**74**	0.009	**93**	0.008				
18	0.008	**37**	0.006	**56**	0.008	**75**	0.006	**94**	0.007				
19	0.008	**38**	0.008	**57**	0.011	**76**	0.006	**95**	0.006				

Comments:
All readings in .000"

Stator rock check15

INSPECTION REPORT
Gas Turbine Maintenance

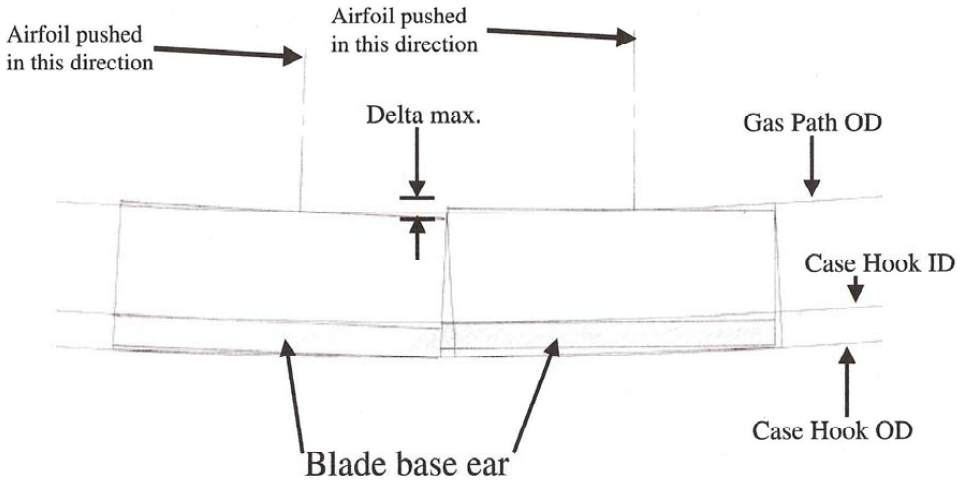
MS7001F

Compressor
Stator Rock Checks

Date 02/08/2009 Turbine S/N 296436 Prepared by Barody, Jason
FSR # 357T1061 Sketches Enclosed? N Photos Enclosed? N
AS FOUND

Stator rock is to be measured and recorded below. All views with turbine flow.

Stage: 16
Vane PN #:
Dwg #:



Vane #		Vane #		Vane #		Vane #		Vane #		Vane #		Vane #	
1	0.013	**20**	0.009	**39**	0.007	**58**	0.006	**77**	0.009	**96**	0.007		
2	0.008	**21**	0.009	**40**	0.008	**59**	0.007	**78**	0.006	**97**	0.005		
3	0.006	**22**	0.006	**41**	0.009	**60**	0.007	**79**	0.006	**98**	0.005		
4	0.006	**23**	0.008	**42**	0.009	**61**	0.008	**80**	0.005	**99**	0.007		
5	0.007	**24**	0.008	**43**	0.009	**62**	0.006	**81**	0.007	**100**	0.005		
6	0.004	**25**	0.006	**44**	0.008	**63**	0.007	**82**	0.006	**101**	0.006		
7	0.005	**26**	0.007	**45**	0.009	**64**	0.009	**83**	0.008	**102**	0.010		
8	0.005	**27**	0.007	**46**	0.009	**65**	0.008	**84**	0.007	**103**	0.006		
9	0.007	**28**	0.004	**47**	0.008	**66**	0.008	**85**	0.005	**104**	0.005		
10	0.007	**29**	0.008	**48**	0.005	**67**	0.008	**86**	0.006	**105**	0.007		
11	0.008	**30**	0.009	**49**	0.007	**68**	0.007	**87**	0.006	**106**	0.009		
12	0.009	**31**	0.008	**50**	0.007	**69**	0.008	**88**	0.008	**107**	0.008		
13	0.009	**32**	0.008	**51**	0.007	**70**	0.008	**89**	0.008	**108**	0.007		
14	0.007	**33**	0.007	**52**	0.008	**71**	0.006	**90**	0.005	**109**	0.008		
15	0.006	**34**	0.006	**53**	0.007	**72**	0.008	**91**	0.006	**110**	0.008		
16	0.006	**35**	0.008	**54**	0.007	**73**	0.006	**92**	0.008				
17	0.009	**36**	0.006	**55**	0.018	**74**	0.007	**93**	0.006				
18	0.010	**37**	0.008	**56**	0.011	**75**	0.009	**94**	0.008				
19	0.010	**38**	0.007	**57**	0.007	**76**	0.007	**95**	0.006				

Comments:
All readings in .000"

Stator rock check16

INSPECTION REPORT
Gas Turbine Maintenance
MS7001F, MS9001F

Stator Drops

Date 2/7/2009 Turbine S/N 296436 Prepared by Barody, Jason
FSR # 357T1061 Sketches Enclosed? N Photos Enclosed? N
Data Type Final

Stage #	Specification	UPPER HALF Left	UPPER HALF Right	80 Mil Shim Installed	Number of Vanes Ground
S-0	0.013 - .110"	-0.026	-0.022		
S-1	0.013 - .110"	-0.034	0.015	1	
S-2	0.013 - .110"	-0.023	-0.016		
S-3	0.013 - .110"	-0.029	-0.007		
S-4	0.013 - .110"	-0.025	-0.009		
S-5	0.030 +/- .010"	-0.018	-0.022	1	
S-6	0.030 +/- .010"	-0.015	-0.025		
S-7	0.030 +/- .010"	-0.017	-0.012	1	1
S-8	0.030 +/- .010"	-0.015	-0.019		
S-9	0.030 +/- .010"	-0.016	-0.017		
S-10	0.030 +/- .010"	-0.012	-0.017		
S-11	0.030 +/- .010"	-0.013	-0.015		2
S-12	0.030 +/- .010"	-0.017	-0.015		
S-13	0.030 +/- .010"	-0.018	-0.018	1	1
S-14	0.030 +/- .010"	-0.012	-0.013	1	2
S-15	0.030 +/- .010"	-0.015	-0.016	1	3
S-16	0.030 +/- .010"	-0.015	-0.017	1	4
S-17	0.013 - .110"	-0.017	-0.012		
EGV	0.013 - .110"	-0.016	-0.013	1	2
EGV	0.013 - .110"	-0.016	-0.015	1	2

Stage #	Specification	LOWER HALF Left	LOWER HALF Right	80 Mil Shim Installed	Number of Vanes Ground
S-0	0.013 - .110"	-0.108	0.024		
S-1	0.013 - .110"	-0.085	0.025		
S-2	0.013 - .110"	-0.030	-0.038		
S-3	0.013 - .110"	-0.030	-0.035		
S-4	0.013 - .110"	-0.033	-0.040		
S-5	0.030 +/- .010"	-0.019	-0.014	2	6
S-6	0.030 +/- .010"	-0.018	-0.019	1	5
S-7	0.030 +/- .010"	-0.010	-0.016	1	4
S-8	0.030 +/- .010"	-0.010	-0.020	1	1
S-9	0.030 +/- .010"	-0.019	-0.013		
S-10	0.030 +/- .010"	-0.017	-0.014	1	4
S-11	0.030 +/- .010"	-0.008	-0.019	1	3
S-12	0.030 +/- .010"	-0.017	-0.005		5
S-13	0.030 +/- .010"	-0.017	-0.010	1	
S-14	0.030 +/- .010"	-0.008	-0.018	1	1
S-15	0.030 +/- .010"	-0.008	-0.021	2	
S-16	0.030 +/- .010"	-0.016	-0.021	2	
S-17	0.013 - .110"	-0.017	-0.017		
EGV	0.013 - .110"	-0.020	-0.037		
EGV	0.013 - .110"	-0.015	-0.027		

Comments:
All 0.040" shims were removed and replaced with 0.080" shims.

Stator Drops and shimsStator Drops

INSPECTION REPORT
Gas Turbine Maintenance

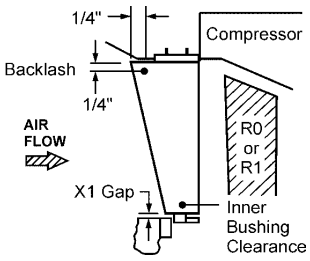
MS 7001, 9001

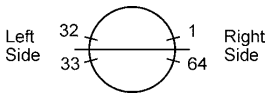
Compressor

Inlet Guide Vane Clearances – Variable

Date 2/9/2009 | Turbine No. 296436 | Prepared by Barody, Jason
FSR # 357T1061 | Sketches Enclosed? NO | Photos Enclosed?

Review TILs for Proper Procedure for Obtaining the Data.





All axial clearances are measured with rotor against the loaded thrust face. Refer to EM5260 to confirm rotor position.

Spec Limits:

Backlash	0.040
Inner Bearing Clearance	0.100
X1 Gap	.013 - .055

Position	Backlash	Inner B'ing Clr	X1-gap Cir	Position	Backlash	Inner B'ing Clr	X1-gap Cir
1	0.005	0.002	0.050	33	0.012	0.004	0.026
2	0.009	0.002	0.044	34	0.016	0.003	0.024
3	0.013	0.002	0.039	35	0.015	0.002	0.028
4	0.007	0.003	0.039	36	0.010	0.003	0.029
5	0.011	0.002	0.031	37	0.015	0.003	0.024
6	0.013	0.002	0.033	38	0.011	0.003	0.025
7	0.018	0.003	0.027	39	0.022	0.002	0.029
8	0.013	0.003	0.025	40	0.023	0.004	0.033
9	0.015	0.003	0.039	41	0.025	0.004	0.036
10	0.015	0.005	0.031	42	0.018	0.003	0.039
11	0.024	0.003	0.022	43	0.018	0.003	0.039
12	0.014	0.003	0.023	44	0.021	0.003	0.041
13	0.015	0.003	0.030	45	0.028	0.004	0.037
14	0.014	0.002	0.035	46	0.026	0.004	0.039
15	0.012	0.002	0.024	47	0.030	0.010	0.037
16	0.008	0.002	0.018	48	0.025	0.004	0.040
17	0.006	0.002	0.022	49	0.027	0.003	0.037
18	0.010	0.001	0.019	50	0.028	0.002	0.037
19	0.015	0.001	0.018	51	0.022	0.003	0.031
20	0.015	0.002	0.015	52	0.028	0.004	0.032
21	0.005	0.001	0.023	53	0.014	0.004	0.050
22	0.016	0.001	0.026	54	0.018	0.002	0.042
23	0.013	0.001	0.021	55	0.020	0.002	0.034
24	0.016	0.001	0.021	56	0.020	0.002	0.030
25	0.020	0.001	0.036	57	0.017	0.002	0.034
26	0.013	0.001	0.043	58	0.020	0.002	0.027
27	0.015	0.003	0.037	59	0.017	0.002	0.024
28	0.014	0.002	0.039	60	0.010	0.003	0.023
29	0.012	0.003	0.029	61	0.007	0.003	0.027
30	0.012	0.002	0.028	62	0.015	0.002	0.021
31	0.010	0.003	0.031	63	0.012	0.002	0.017
32	0.009	0.002	0.034	64	0.010	0.003	0.020

TIL 517CR - Backlash **TIL 1068-2 - Inner Bushing Clearance** **TIL 1132-2 - Thrust Washer Clearance**

Comments:	

INLET GUIDE VANE CLEARANCES - VARIABLE - FINAL gt4050(a)

TURBINE SECTION

Turbine Casing

Assembly;

The upper turbine casing was removed during this outage to allow for inspection, repair, replacement and refurbishing of the internal turbine section components. After the internal components were removed, all turbine casing penetrations; shroud pin, nozzle segment pin plugs / retainer bolt holes, borescope plugs, extraction piping bolt holes, wheelspace T/C adapter, center line and 45 key slots were cleaned and tapped. The borescope pin seals, springs and plugs were visually inspected to ensure that the correct pin, spring and plug were used in the correct location.

All turbine casing bolting and hardware was cleaned and inspected for damage. All bolts were lubricated with Loctite Heavy Duty Anti-Seize prior to installation. The upper and lower turbine casings were prepped for reassembly. All bolt holes and spot faces were cleaned.

The casings were blown out with air and a final QC check performed to ensure all foreign material was removed. The upper casing was rigged and leveled. The upper horizontal joint and all fits were coated with Loctite Heavy Duty Anti-Seize as were the aft CDC and forward exhaust casing vertical joints. The upper casing was positioned over the lower casing and lowered until it just engaged the fits. The body dowels were installed and then all of the other casing bolts installed. The horizontal joint bolts were torqued using the Hytorq equipment. After all of the turbine casing bolts were installed and torqued, the casing jacks were removed.

TURBINE SECTION

Exhaust Diffuser

Cone; Exhaust Flow Cone

During the outage, TECO decided to use the new Turbine Rotor of the latest design. To further improve unit rotor life/reliability, the exhaust frame was modified in conjunction with the rotor modification. This modification involves relocation of the exhaust frame cooling holes and replaces the current single wall cone assembly with a double wall cone assembly. These modifications were applied per drawing 143E5344G001.

The existing discourager seal was removed using pneumatic hand grinder and vacuum cleaner. The double wall cone modification also relocates the exhaust frame cooling holes to redirect airflow and pre-warming the air prior to impingement on rotor aft 3rd stage wheel. This results in increasing the operating temperature of the turbine rotor aft shaft, significantly reducing stresses in the third stage wheel to aft shaft rabbet due to more uniform turbine rotor temperature.

Along with the exhaust frame modification mentioned above, exhaust flow shields have been provided and were installed per drawing 114E1819G001. These flow shields will reduce the potential for liquid leakage through the bolted joints at the bottom vertical centerline of the exhaust diffuser.

Exhaust Diffuser

Flex Seals; All

The exhaust flex seals were inspected for damage during the outage. The seals were found to be in poor condition and were replaced with customer spares.

It was also noted that the right side sleeve for the exhaust frame was missing. A new one was ordered and welded in place. Refer to the attached picture.

Exhaust Diffuser

Strut; Strut

During the outage an inspection of the exhaust was performed and minor typical cracks were noted. The necessary repairs were performed and the exhaust section was cleaned out prior to closing.

TURBINE SECTION

1st Stage Bucket

Lockwire; All stages

All three stages of buckets were removed and replaced during the major inspection. Each stage was installed per GE procedure and the lockwire was installed and pinned per TIL 1214-3R3. Each individual pin was inspected by GE and verified to have 2 stake marks.

1st Stage Bucket

Assembly; 1-92

The first stage turbine buckets were removed and inspected by the GE representative. A GE Service Shop technician replaced them with customer spares. The spare set used was the style that utilized all 3 pins (1 platform and 2 seal pins).

Prior to installing the new first stage buckets, they were laid out by the wheel position specified on the moment weight chart and the wheel position identified using a sticker. The bucket specialist verified the bucket serial number and wheel position. The bucket sealing pins were glued into the platforms and the GE Service Shop technician installed the buckets. The buckets were confirmed to be installed according to the moment weight chart again after the buckets were all installed. No issues were encountered while installing the new buckets.

The removed 1st stage buckets should be sent to a GE Service Shop for refurbishment.

TURBINE SECTION

2nd Stage Bucket

Assembly; 1-92

The second stage turbine buckets were removed and inspected by GE. A GE Service Shop technician replaced them with customer spares at the Houston Service Shop while the rotor was there for repair.

Prior to installing the new second stage buckets, they were laid out by the wheel position specified on the moment weight chart and the wheel position identified using a sticker. The bucket specialist verified the bucket serial number and wheel position. The bucket sealing pins were glued into the platforms and the GE Service Shop technician installed the buckets. The buckets were confirmed to be installed according to the moment weight chart again after the buckets were all installed. No issues were encountered while installing the new buckets.

The removed 2nd stage buckets should be sent to a GE Service Shop for refurbishment.

3rd Stage Bucket

Assembly; 1-92

The third stage turbine buckets were removed and inspected by GE. A GE Service Shop technician replaced them with customer spares while the rotor was at the Houston Service Center for repair.

Prior to installing the new third stage buckets, they were laid out by the wheel position specified on the moment weight chart and the wheel position identified using a sticker. The bucket specialist verified the bucket serial number and wheel position. The bucket sealing pins were glued into the platforms and the GE Service Shop technician installed the buckets. The buckets were confirmed to be installed according to the moment weight chart again after the buckets were all installed. No issues were encountered while installing the new buckets.

The removed 3rd stage buckets should be sent to a GE Service Shop for refurbishment.

TURBINE SECTION

Turbine Rotor

Assembly;

The turbine wheel was visually inspected after the 1st and 2nd stage buckets were removed. The 1st and 2nd stage wheels were CO2 blasted for cleanliness after wiped free of oil. Then GE Life Extension Services inspected the 1st and 2nd stage wheels visually, using the eddy current array test and a PT test. There was an indication on the 1st stage wheel cooling hole slot 56. There were also minor indications of rub marks on the 1-2 and 2-3 spacer that warranted repair. The repair consisted of blending and flapper peening for stress relieve. The rotor was sent to the Houston Service Center for repair / replacement. The customer chose the option where the entire turbine rotor was replaced and married to the existing compressor rotor. The only other modification that was performed in the Houston Service Center was the biscuit modification on the R0 wheel. This modification allows for the removal and replacement of R0 blades without running out of staking room.

Turbine Rotor

Assembly;

A new GEN-4 Turbine Rotor (Serial # RM68078001) was used for this unit rotor rebuild. Customer supplied Stage 1, 2 and 3 buckets were sent to Houston for installation and balance.

Stage 1 Nozzle Arrangement

Assembly;

The 1st stage nozzle radial concentricity measurements were recorded prior to removal and after reassembly. GE inspected the nozzle for damage. The nozzle was replaced with a refurbished nozzle from the customer spares.

The removed 1st stage nozzle should be sent to a GE Service Shop for refurbishment.

TURBINE SECTION

Stage 2 Nozzle Arrangement
Assembly;
The 2nd stage nozzles were removed and GE visually inspected them for damage. They showed typical signs of wear for 24K hours. They were replaced with refurbished customer spares during reassembly.

The removed 2nd stage nozzles should be sent to a GE Service Shop for refurbishment.

Stage 3 Nozzle Arrangement
Assembly;
The 3rd stage nozzles were removed and GE visually inspected them for damage. They showed typical signs of wear. These components were replaced as part of the major inspection.

The removed 3rd stage nozzles should be sent to a GE Service Shop for refurbishment.

Stage 1 Turbine Shroud
Assembly; 1-32
The 1st stage shrouds were removed and GE visually inspected them for damage. They were replaced with refurbished customer spares during reassembly as part of the major inspection.

The removed 1st stage shroud blocks should be sent to a GE Service Shop for refurbishment.

Stage 2 Turbine Shroud
Assembly; 1-48
The 2nd stage shrouds were removed and GE visually inspected them for damage. They were replaced with refurbished customer spares during reassembly as part of the major inspection. The replacement set is a superseded part number, which requires a different seal between the shroud blocks.

The removed 2nd stage shrouds should be sent to a GE Service Shop for refurbishment.

TURBINE SECTION

Stage 3 Turbine Shroud

Assembly; 1-36

The 3rd stage shrouds were removed and GE visually inspected them for damage. They were replaced with refurbished customer spares during reassembly as part of the major inspection.

During reassembly it was noted that one of the shroud pin holes was severely damaged and warranted repair. Per GE Engineering via a PAC case the hole was drilled larger and plugged. Refer to attached picture for detail.

The removed 3rd stage shrouds should be sent to a GE Service Shop for refurbishment.

Stage 1 Support Ring

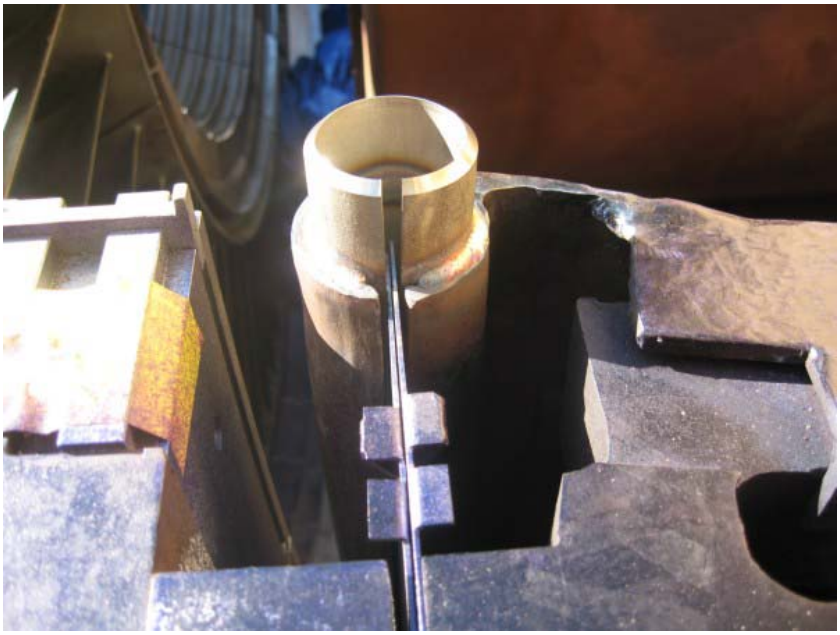
Assembly;

The support ring was removed and inspected. No serious problems were noted and the component was cleaned and used during reassembly.

TURBINE SECTION

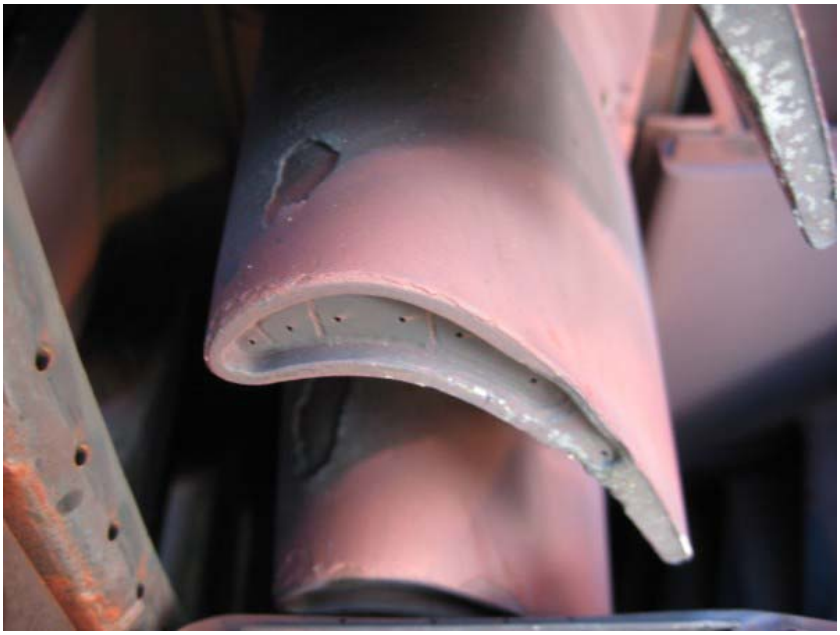
Double Wall Flow Cone

TURBINE SECTION



Sleeve - New

TURBINE SECTION



1st Stage Bucket - As Found

TURBINE SECTION

1st stage bucket - As Found Condition

TURBINE SECTION

1st stage bucket - New

INSPECTION REPORT
Gas Turbine Maintenance

MS 6001F, 7001F, 9001F

Turbine
Buckets, 1st Stage

Date	2/20/2009	Turbine S/N	296436	Prepared by	Barody, Jason
FSR #	357T1061	Sketches Enclosed?	No	Photos Enclosed?	Yes
		Data Type	As Found		

BUCKET S/N & POSITION
Serial number from bottom of bucket (if available) and position of bucket in wheel.

Kit Part Number Out _____
Kit Part Number In _____

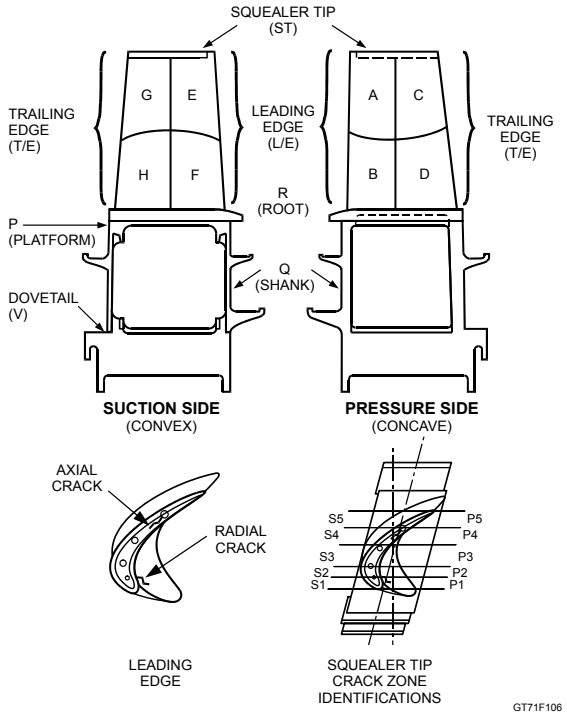
CRACKS
State if crack is:
AX - AXIAL **RD - RADIAL**
Use letters to indicate crack location and give length of crack.

TIP RUBS
Indicate tip rub severity as:
N - Normal **L -** Light
M - Moderate **H -** Heavy

EROSION / CORROSION
Enter dimension from tip to edge of corrosion. Use letters to indicate principle zone affected by corrosion. Enter Height, width, & estimated depth of corrosion / erosion spot.

FOREIGN OBJECT DAMAGE
Use letters to indicate location of damage.
CR - Cracked **M -** Missing Metal
P - Punctured **BT -** Bent
T - Torn

DISPOSITION CODES
N No repair or replacement necessary.
RG Repaired by GE
RC Repaired by Customer
RO Repaired by Other
RN Replaced with new component.
RR Replacement Recommended



Comments:	

Set was replaced with a customer spare set that had to be modified per the latest GE specs prior to installation. These buckets required all 3 seal pins.

GT9005_1st Stage Bkt Condition(a)

INSPECTION REPORT
Gas Turbine Maintenance

MS7001FA

Turbine Rotor

1st Stg Buckets - As Found

Date 02/12/09 | Turbine S/N 296436 | Prepared by Barody, J
FSR # 357T1061 | Unit # 1 | Customer TECO
PART #: 109E9918P001

Position	Serial Number	Position	Serial Number	Position	Serial Number
1	C2NP004017	32	C2NM041848	63	C2NP006890
2	C2NM043575	33	C2NM047200	64	C2NM006848
3	C2NM041858	34	C2NP006666	65	C2NM046893
4	C2NM043171	35	C2NP006684	66	C2NM046807
5	C2NM041779	36	C2NP005621	67	C2NM047088
6	C2NP006852	37	C2NP005902	68	C2NP006860
7	C2NP006635	38	C2NM042146	69	C2NM047494
8	C2NM045488	39	C2NP006202	70	C2NM041867
9	C2NM041792	40	C2NM047470	71	C2NM04458
10	C2NM047492	41	C2NP005849	72	C2NP047573
11	C2NM040290	42	C2NM047065	73	C2NP006691
12	C2NP006688	43	C2NM005909	74	C2NM041393
13	C2NM047439	44	C2NM047125	75	C2NP008654
14	C2NM047159	45	C2NP004600	76	C2NP006679
15	C2NM047659	46	C2NP004775	77	C2NP005893
16	C2NP005884	47	C2NM047498	78	C2NM047052
17	C2NM047070	48	C2NP001636	79	C2NM040160
18	C2NP002027	49	C2NM041826	80	C2NM047452
19	C2NP005769	50	C2NM047017	81	C2NM047544
20	C2NM047546	51	C2NM041744	82	C2NP006197
21	C2NP006697	52	C2NM039705	83	C2NP005832
22	C2NP006636	53	C2NP006829	84	C2NP006693
23	C2NP006709	54	C2NP006710	85	C2NM047409
24	C2NM041846	55	C2NM041777	86	C2NP003607
25	C2NP001928	56	C2NP006184	87	C2NP006651
26	C2NM041947	57	C2NM042256	88	C2NP005793
27	C2NM047105	58	C2NM040292	89	C2NP003521
28	C2NM040462	59	C2NP005874	90	C2NP006837
29	C2NP006629	60	C2NM047149	91	C2NP006189
30	C2NM041651	61	C2NM047201	92	C2NP005876
31	C2NP006841	62	C2NM047158		

Comments:

1st Stg Bckt SN-AFOld 1st Stg Bckt SN

INSPECTION REPORT
Gas Turbine Maintenance

MS7001FA

Turbine Rotor
1st Stg Buckets - NEW

Date	02/12/09	Turbine S/N	296436	Prepared by	Barody, J
FSR #	357T1061	Unit #	1	Customer	TECO

SCHENCK Balancing and Diagnostic Systems		SCHENCK Balancing and Diagnostic Systems
Operator: SF02204	**BladisNET** Revision 2.6 Copyright © 2003 by Schenck Trebel Corporation	02/06/2009 Page 1

Blade Type: Frame 7FA 1st

Engine type:	M7001-FA+1
Stage:	1st
Input from scale:	2
No. of blades:	92
No. of locking blades:	1
Positions of locking blades:	1
Moment of master blade or preload moment:	332720 g.m
Admissible variation for measurement:	3 digits
Type of matching:	None
Tolerance:	25 g.m
Predistribution Pattern:	4 - Quadr. Beam H/L, decr

Blade Set: 75219 M7FA+E 1ST STG BKTS

Generated by:	RG+RB
Order:	75219 M7FA+E 1ST STG
New reduced tolerance:	3 gm
Type of matching:	None
Predistribution Pattern:	4 - Quadr. Beam H/L, decr.
Calculated unbalance:	2 gm
Calculated Angle:	127 deg

State:
Blade Predistribution optimized.
Set in tolerance.
Set in reduced tolerance.

1st Stg Bckt New MWPg1

INSPECTION REPORT
Gas Turbine Maintenance

MS7001FA

Turbine Rotor
1st Stg Buckets - NEW

Date	02/12/09	Turbine S/N	296436	Prepared by	Barody, J
FSR #	357T1061	Unit #	1	Customer	TECO

Operator: SF02204	**BladisNET** Revision 2.6 Copyright © 2003 by Schenck Trebel Corporation	02/06/2009 Page 2

Blade Type: **Frame 7FA 1st** Blade Set. **75219 M7FA+E 1ST STG BKTS**

Blade Distribution

Pos No.	Blade No.	Moment [gin]	Serial No.
1	1	286381	C2BM 211648
2	2	281453	C2BM 055905
3	63	284675	C2BM 237767
4	22	284075	C2BM 205125
5	15	284404	C2BM 237915
6	49	285168	C2BM 214329
7	55	283744	C2BM 237825
8	43	285870	C2BM 214354
9	69	283554	C2BM 238049
10	45	288208	C2BM 196165
11	73	283034	C2BM 237950
12	42	288442	C2BM 213829
13	72	282880	C2BM 237891
14	17	288960	C2BM 209752
15	48	282553	C2BM 207840
16	13	287397	C2BM 213314
17	53	291663	C2BM 237878
18	39	287978	C2DM 213594
19	38	29C086	C2BM 213 78
20	18	288324	C2BM 214426
21	41	289187	C2BM 206822
22	29	286459	C2DM 213217
23	78	288813	C2BM 213098
24	46	294664	C2BM 237826
25	26	282986	C2BM 058513
26	80	294468	C2DM 237732
27	34	284671	C2BM 030202
28	68	294318	C2BM 237950
29	82	285386	C2BM 215147
30	59	293696	C2BM 237874
31	36	285921	C2BM 214027
32	79	293887	C2BM 238083
33	8	286308	C2BM 213464
34	61	293024	C2BM 237816
35	37	286716	C2BM 212105
36	57	292766	C2BM 238133
37	21	287115	C2BM 213004

1st Stg Bckt New MWPg2

0296436 TECO ENERGY INC Page 63

INSPECTION REPORT
Gas Turbine Maintenance

MS7001FA

Turbine Rotor
1st Stg Buckets - NEW

Date	02/12/09	Turbine S/N	296436	Prepared by	Barody, J
FSR #	357T1061	Unit #	1	Customer	TECO

Operator: SF02204	**BladisNET** Revision 2.6 Copyright © 2003 by Schenck Trebel Corporation	02/06/2009 Page 3

Blade Type: **Frame 7FA 1st** Blade Set: **75219 M7FA+E 1ST STG BKTS**

Blade Distribution

Pos No	Blade No.	Moment [gin]	Serial No.
38	40	292257	C2BM 206334
39	3	288370	C2BM 206245
40	84	290984	C2BM 212334
41	32	288294	C2BM 212210
42	23	289490	C2BM 212539
43	44	288362	C2BM 214043
44	7	288913	C2BM 212261
45	12	288624	C2BM 206059
46	27	288738	C2BM 202754
47	25	288701	C2BM 207209
48	31	282680	C2BM 120367
49	87	294643	C2BM 237893
50	58	284610	C2BM 213500
51	62	294416	C2BM 237936
52	14	286196	C2BM 214213
53	51	293742	C2BM 237649
54	19	286689	C2BM 214434
55	81	293523	C2BM 238048
56	18	286286	C2BM 214574
57	90	293171	C2BM 237628
58	89	286603	C2BM 213898
59	57	292872	C2BM 237650
60	70	286986	C2BM 215163
61	67	292540	C2BM 238115
62	75	287432	C2BM 213802
63	77	291283	C2BM 237661
64	28	286198	C2BM 213071
65	4	289528	C2BM 199885
66	55	286356	C2BM 213292
67	30	286168	C2BM 212520
68	64	286585	C2BM 213186
69	91	288792	C2BM 212903
70	75	294759	C2BM 237877
71	10	283880	C2BM 214736
72	86	294385	C2BM 237968
73	35	284953	C2BM 214183
74	53	294108	C2BM 237741

1st Stg Bckt New MWPg3

INSPECTION REPORT
Gas Turbine Maintenance

MS7001FA

Turbine Rotor
1st Stg Buckets - NEW

Date	02/12/09	Turbine S/N	296436	Prepared by	Barody, J
FSR #	357T1061	Unit #	1	Customer	TECO

Operator: SF02204	**BladisNET** Revision 2.6 Copyright © 2003 by Schenck Trebel Corporation	02/06/2009 Page 4

Blade Type: **Frame 7FA 1st** Blade Set: **75219 M7FA•E 1ST STG BKTS**

Blade Distribution

Pos No.	Blade No.	Moment [gm]	Serial No.
75	50	285486	C23M 213780
76	85	293550	C23M 237967
77	20	286032	C23M 214101
78	74	293276	C23M 237857
79	6	286348	C23M 202601
80	24	292973	C23M 206786
81	65	286933	C23M 213268
82	71	292756	C23M 237854
83	47	287218	C23M 207500
84	80	291734	C23M 237976
85	64	287811	C23M 211168
86	33	290424	C23M 209863
87	11	288320	C23M 212776
88	9	289309	C23M 202541
89	92	287560	C23M 213772
90	68	288880	C23M 154032
91	5	288685	C23M 207780
92	86	294912	C23M 237776

1st Stg Bckt New MWPg4

INSPECTION REPORT
Gas Turbine Maintenance

MS7001FA

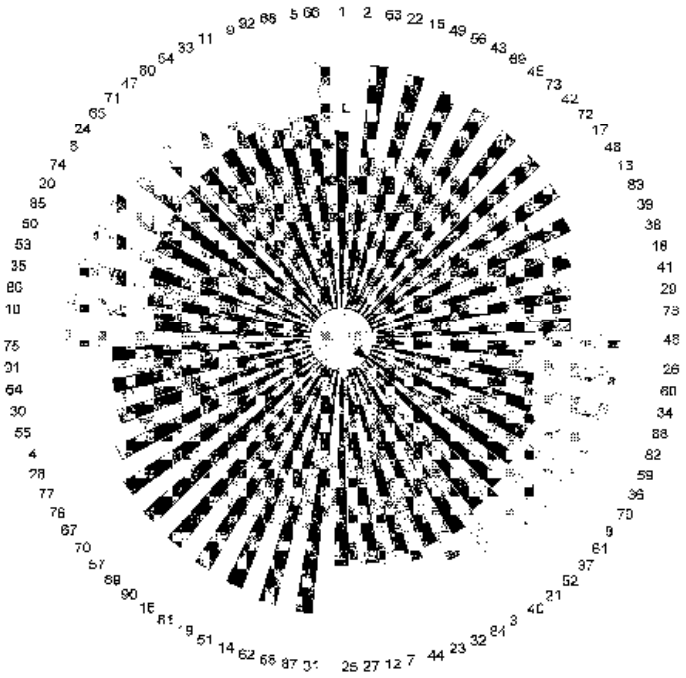
Turbine Rotor
1st Stg Buckets - NEW

Date	02/12/09	Turbine S/N	296436	Prepared by	Barody, J
FSR #	357T1061	Unit #	1	Customer	TECO

PART #: 109E9918P001

Operator: SF02204	**BladisNET** Revision 2.6 Copyright © 2003 by Schenck Trebel Corporation	02/06/2009 Page 5

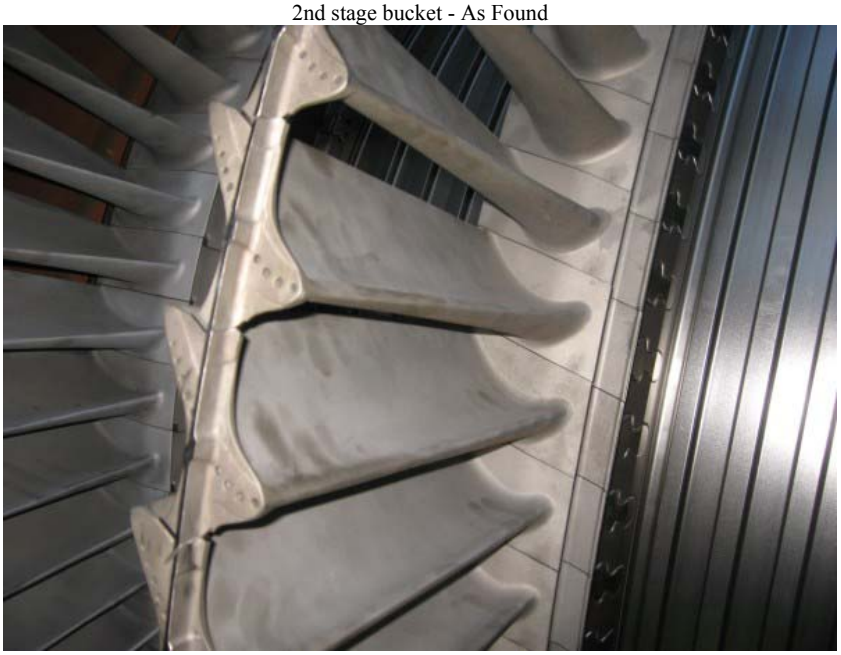
Blade Type: **Frame 7FA 1st** Blade Set **75219 M7FA+E 1ST STG BKTS**



Predistribution Pattern: 4 - Quadr. Beam H/L, decr.
Calculated Unbalance: 2 gin
Calculated Angle: 127 deg
State of Blade Set: In Tolerance (25 gin)
In reduced Tolerance (3 gin)

1st Stg Bckt New MWPg 5

2nd stage bucket - As Found



2nd stage bucket - New

INSPECTION REPORT
Gas Turbine Maintenance

MS7001FA

Turbine Rotor

2nd Stg Buckets - As Found

Date 02/11/09 | Turbine S/N 296436 | Prepared by Barody, J
FSR # 357T1061 | Unit # 1 | Customer TECO
PART #: 116E2013P001

Position	Serial Number	Position	Serial Number	Position	Serial Number
1	K2BM024955	32	K2BP028721	63	K2BP016007
2	K2BM025598	33	K2BP015796	64	K2BM028402
3	K2BM028042	34	K2BP015356	65	K2BM026952
4	K2BP015996	35	K2BP023750	66	K2BP015715
5	K2BM028261	36	K2BM028298	67	K2BM026919
6	K2BM028079	37	K2BP025351	68	K2BP015381
7	K2BP027918	38	K2BP016013	69	K2BM015958
8	K2BP015707	39	K2BP015270	70	K2BM027116
9	K2BP026074	40	K2BM028162	71	K2BM027648
10	K2BP015842	41	K2BP015378	72	K2BM015271
11	K2BP015355	42	K2BM026748	73	K2BM028450
12	K2BP028394	43	K2BP015369	74	K2BP016003
13	K2BP015886	44	K2BP015359	75	K2BP025764
14	K2BP015441	45	K2BP015993	76	K2BP025018
15	K2BP016026	46	K2BP016020	77	K2BP015444
16	K2BP027404	47	K2BP015743	78	K2BM028743
17	K2BP025185	48	K2BM028437	79	K2BM028585
18	K2BP015251	49	K2BM028323	80	K2BM027812
19	K2BM028246	50	K2BP027069	81	K2BP015360
20	K2BP015504	51	K2BP025526	82	K2BP015992
21	K2BM028613	52	K2BM028427	83	K2BP015731
22	K2BP016010	53	K2BP020806	84	K2BP015423
23	K2BP15414	54	K2BP015248	85	K2BP015620
24	K2HP028648	55	K2BP025004	86	K2BP015989
25	K2BP027193	56	K2BM028171	87	K2BP015368
26	K2BM028257	57	K2BP015361	88	K2BP015354
27	K2BP028505	58	K2BM027702	89	K2BM027690
28	K2BP016011	59	K2BM028194	90	K2BP016027
29	K2BM027661	60	K2BP015263	91	K2BP015898
30	K2BP027176	61	K2BP028490	92	K2BP015256
31	K2BM028223	62	K2BP028542		

Comments:

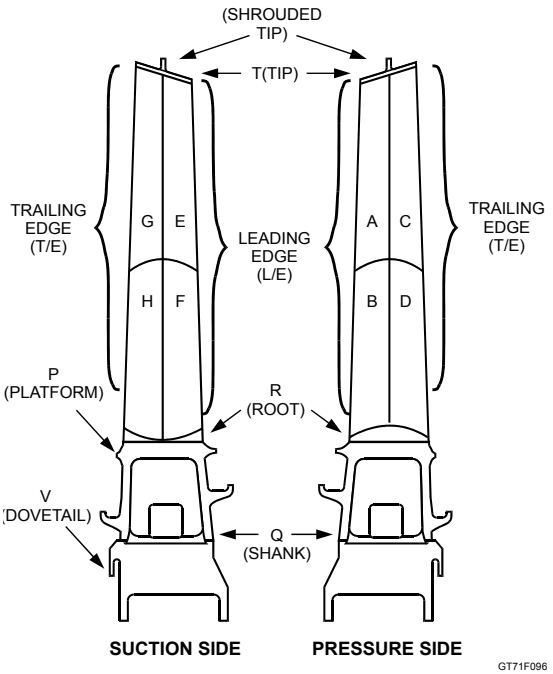
2nd Stg Bckt SN-AFOLD 2nd Stg Bckt SN

INSPECTION REPORT
Gas Turbine Maintenance
MS 6001F, 7001F, 9001F

Turbine
Buckets, 2nd Stage

Date 3/11/2009 | Turbine S/N 296436 | Prepared by Barody, Jason
FSR # 357T1061 | Sketches Enclosed? No | Photos Enclosed? Yes
Data Type As Found

Kit Part Number Out NA
Kit Part Number In NA



BUCKET S/N & POSITION
Serial number from bottom of bucket (if available) and position of bucket in wheel.

CRACKS
State if crack is:
AX - AXIAL **RD - RADIAL**
Use letters to indicate crack location and give length of crack.

TIP RUBS
Indicate tip rub severity as:
N - Normal **L -** Light
M - Moderate **H -** Heavy

EROSION / CORROSION
Enter dimension from tip to edge of corrosion. Use letters to indicate principle zone affected by corrosion. Enter Height, width, & estimated depth of corrosion / erosion spot.

FOREIGN OBJECT DAMAGE
Use letters to indicate location of damage.
CR - Cracked **M -** Missing Metal
P - Punctured **BT -** Bent
T - Torn

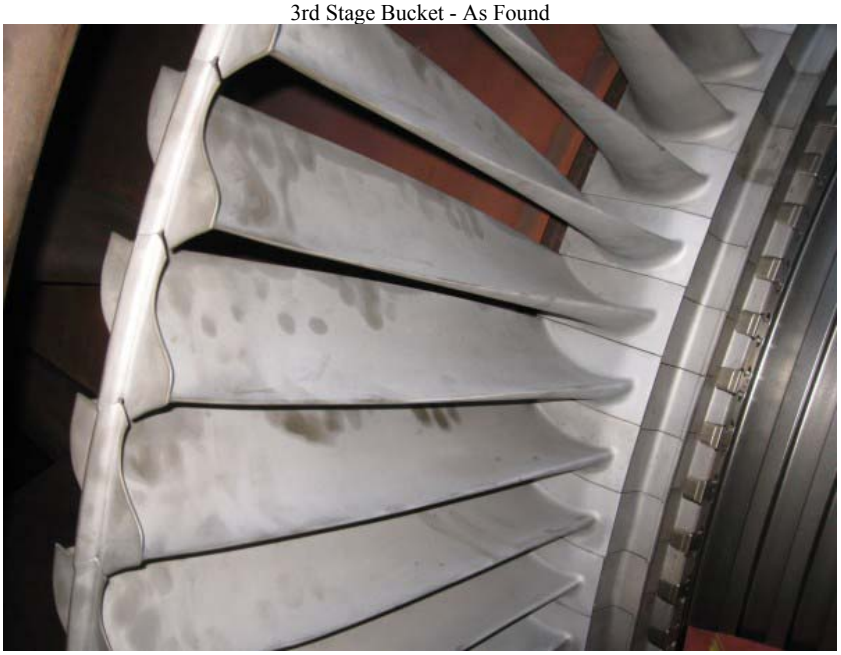
DISPOSITION CODES
N - No repair or replacement necessary.
RG - Repaired by GE
R - Repaired by Customer
RO - Repaired by other
RN - Replaced with new component
RR - Replacement recommended

Comments	

The overall condition of the 2nd stage buckets were good with no major defects to note. All will be further inspected at the GE Service Center.

GT9030_2nd Stage Bkt Condition(a)

3rd Stage Bucket - As Found



3rd Stage Bucket - New

INSPECTION REPORT
Gas Turbine Maintenance

MS7001FA

Turbine Rotor

3rd Stg Buckets - As Found

Date 02/10/09 | Turbine S/N 296436 | Prepared by Barody, Jason
FSR # 357T1061 | Unit # 1 | Customer TECO
PART #: 969E134P008 | AS FOUND

Position	Serial Number	Position	Serial Number	Position	Serial Number
1	C1XM071994	32	C1XM078883	63	C1XM080616
2	C1XM077054	33	C1XM072087	64	C1XM081027
3	C1XM078077	34	C1XM066176	65	C1XM064858
4	C1XM083496	35	C1XM080179	66	C1XM068136
5	C1XM066303	36	C1XM081523	67	C1XM078891
6	C1XM081205	37	C1XM082503	68	C1XM071366
7	C1XM079529	38	C1XM080969	69	C1XM070637
8	C1XM052930	39	C1XM070718	70	C1XM053996
9	C1XM053872	40	C1XM069884	71	C1XM054542
10	C1XM056340	41	C1XM067857	72	C1XM053710
11	C1XM080713	42	C1XM066370	73	C1XM083453
12	C1XM080101	43	C1XM064718	74	C1XM067334
13	C1XM069973	44	C1XM079170	75	C1XM072184
14	C1XM069817	45	C1XM081108	76	C1XM065145
15	C1XM067903	46	C1XM071404	77	C1XM076783
16	C1XM076554	47	C1XM065633	78	C1XM078921
17	C1XM070270	48	C1XM070734	79	C1XM082619
18	C1XM065277	49	C1XM061573	80	C1XM065137
19	C1XM078743	50	C1XM083348	81	C1XM081019
20	C1XM071706	51	C1XM067954	82	C1XM079944
21	C1XM079995	52	C1XM082724	83	C1XM082791
22	C1XM070513	53	C1XM070394	84	C1XM071234
23	C1XM080845	54	C1XM082953	85	C1XM082007
24	C1XM065889	55	C1XM081515	86	C1XM077380
25	C1XM060585	56	C1XM081566	87	C1XM081906
26	C1XM067946	57	C1XM079863	88	C1XM053171
27	C1XM072451	58	C1XM067962	89	C1XM070661
28	C1XM066389	59	C1XM079537	90	C1XM078964
29	C1XM082562	60	C1XM082384	91	C1XM054038
30	C1XM079189	61	C1XM069051	92	C1XM080152
31	C1XM083291	62	C1XM070173		

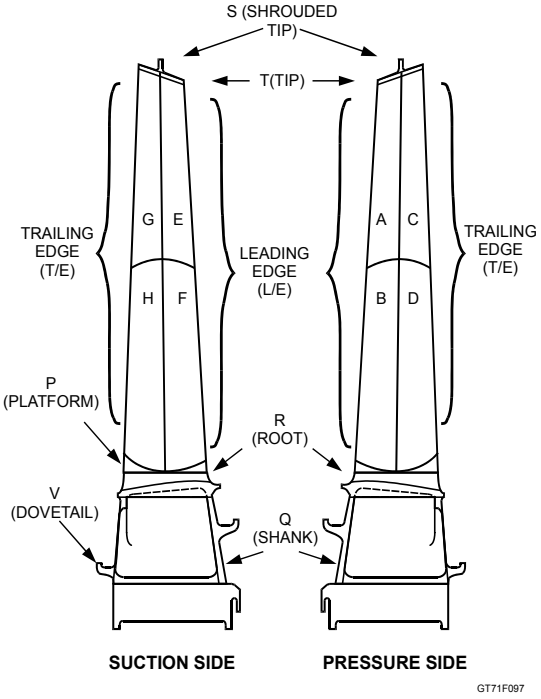
Comments:

3rd Stg Bckt SN-AFOLD 3rd Stg Bckt SN

INSPECTION REPORT
Gas Turbine Maintenance
MS 6001F, 7001F, 9001F

Turbine
Buckets, 3rd Stage

Date	2/10/2009	Turbine S/N	296436	Prepared by	Barody, Jason
FSR #	357T1061	Sketches Enclosed?	No	Photos Enclosed?	No
Kit Part Number Out		Data Type	As Found		
Kit Part Number In					



BUCKET S/N & POSITION
Serial number from bottom of bucket (if available) and position of bucket in wheel.

CRACKS
State if crack is:
AX - AXIAL **RD - RADIAL**
Use letters to indicate crack location and give length of crack.

TIP RUBS
Indicate tip rub severity as:
N - Normal **L -** Light
M - Moderate **H -** Heavy

EROSION / CORROSION
Enter dimension from tip to edge of corrosion. Use letters to indicate principle zone affected by corrosion. Enter Height, width, & estimated depth of corrosion / erosion spot.

FOREIGN OBJECT DAMAGE
Use letters to indicate location of damage.
CR - Cracked **M -** Missing Metal
P - Punctured **BT -** Bent
T - Torn

DISPOSITION CODES
N - No repair or replacement necessary.
RG - Repaired by GE
R - Repaired by Customer
RO - Repaired by other
RN - Replaced with new component
RR - Replacement recommended

Comments	
No major issues to note.	

GT9080_3rd Stage Bkt Condition(a)

RO staking conditon - As Found

RO Biscuit Modification Completed in HSC

Rotor Shipping to HSC

1st stage nozzle - As Found

1st stage nozzle - As Found Condition

1st stage nozzle - NEW

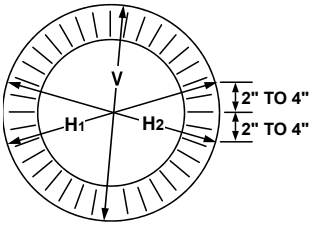
INSPECTION REPORT
Gas Turbine Maintenance

Turbine

MS 7001F, 9001F ***Nozzle, Ellipticity & Radial Concentricity Checks, 1st Stage***

Date 2/3/2009 Turbine S/N 296436 Prepared by Barody, J
FSR # 357T1061 Sketches Enclosed? N Photos Enclosed? N

ELLIPTICITY CHECK:

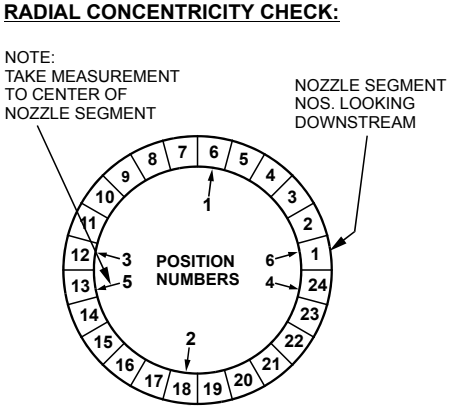


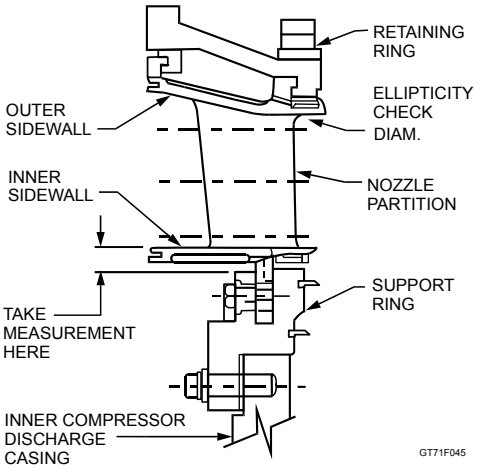
CLOSING

Vertical dimension V = NA
Horiz. dimension H = NA
(Average of H1 & H2)
Ellipticity (H - V) = NA

NOTE: Take diameter readings at the I.D. of the downstream end of the outer sidewall and at the center of the nozzle segment.

RADIAL CONCENTRICITY CHECK:





PART #: 109E9111P002

CONDITION	NOZZLE TO SUPPORT RING DIMENSION						MAXIMUM
	POS. #1	POS. #2	POS. #3	POS. #4	POS. #5	POS. #6	ECC.
DISASSEMBLY	1.072	0.977	0.849	0.899	0.816	0.849	0.048
REASSEMBLY	0.906	0.832	0.825	0.903	0.828	0.926	0.044

MAX ECC. = 1/2 DIFFERENCE BETWEEN #1 AND #2
OR MAX ECC. = 1/2 DIFFERENCE BETWEEN (#3+#5)/2 AND (#4+#6)/2
WHICHEVER IS LARGER.

Comments:
GE SPEC: .050" for maximum

1st stg nozz Concentricity(a)

INSPECTION REPORT
Gas Turbine Maintenance

Turbine

MS 3002, 5001, 5002, 6001, 7001, 7001F, 9001, 9001F

Nozzle - General Condition, 1st Stage

Date 2/10/2009 | Turbine S/N 296436 | Prepared by Barody, Jason
FSR # 357T1061 | Sketches Enclosed? No | Photos Enclosed? Yes
Data Type As Found

Component S/N (on outer ring) NA | Nozzle Arrangement Dwg. No. NA
Has this nozzle stage been replaced during the life of the gas turbine unit ? Y
If "YES" at how many fired hours? NA

GENERAL SURFACE EFFECTS Mark (X) in appropriate column.

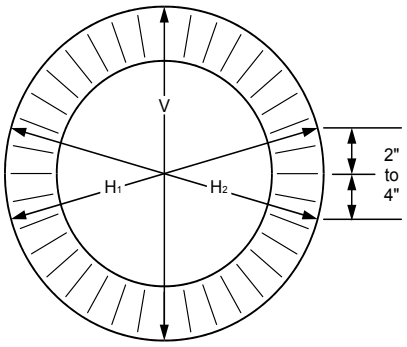
	None	Light	Medium	Heavy	Comments
Deposits				X	
Corrosion		X			
Erosion			X		
Nicks & Dents				X	

ELLIPTICITY

Vertical (V)	NA
Horizontal (H1)	NA
Horizontal (H2)	NA
Horizontal, Avg.	NA
Ellipticity	NA

NOTE:
Take diameter readings at the center line of the nozzle segment.

Ellipticity



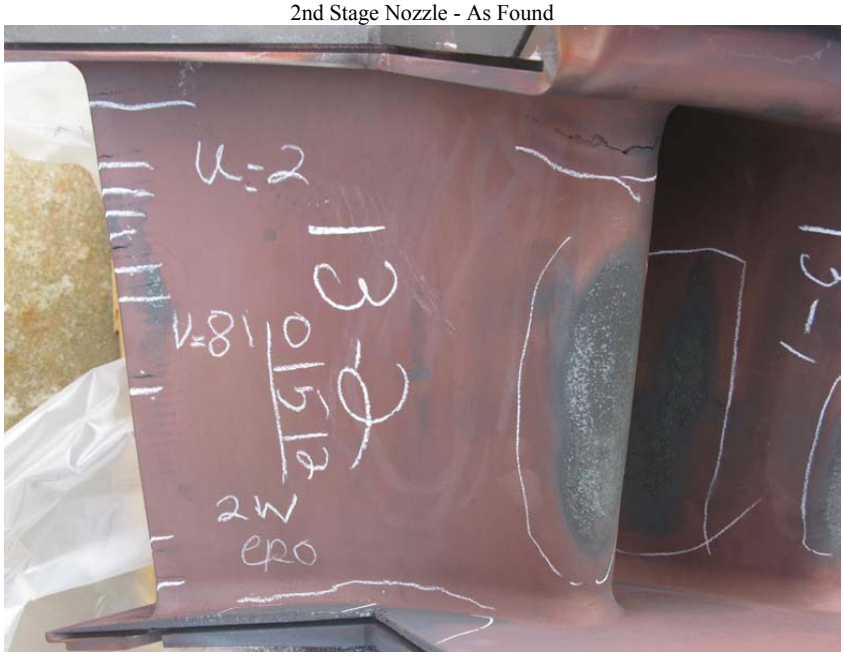
DISPOSITION OF NOZZLE

	Comments
No repair or replacement necessary.	
Repaired.	
NOTE: If nozzle repaired, specify weld rod used	
Repaired (On-site, Vendor or GE Serivce Shop).	
Replaced with new component.	**Replaced with new component**

Comments:
The 1st stage nozzle has typical cracking with deposits. Refer to pictures.

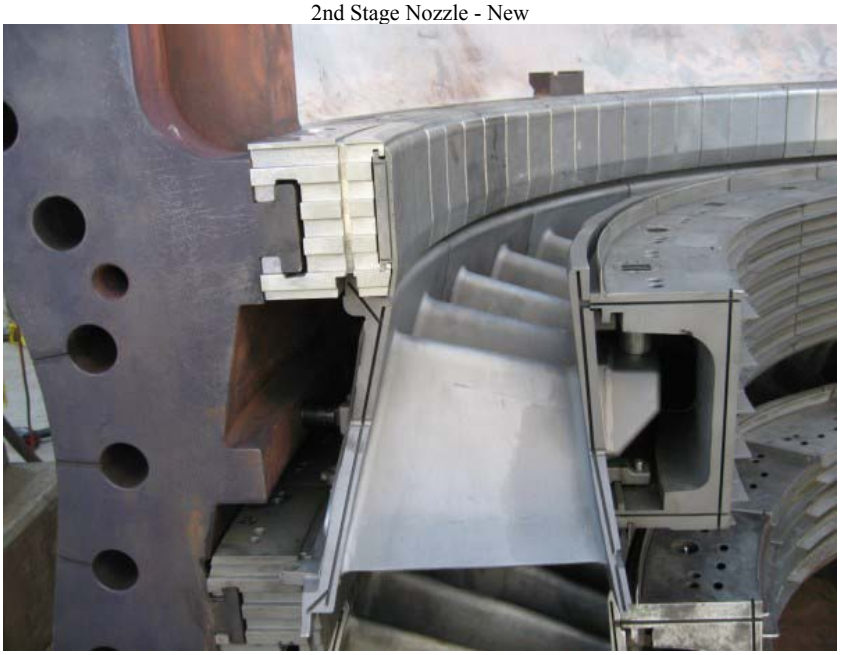
GT9255_1st Stage Nozzle Condition(a)

2nd Stage Nozzle - As Found



2nd Stage Nozzle - Typical Cracking

2nd Stage Nozzle - New



2nd Stage Nozzle - New Installed

INSPECTION REPORT
Gas Turbine Maintenance
MS 7001, 7001F, 9001, 9001F

Turbine

Nozzle - General Condition, 2nd Stage

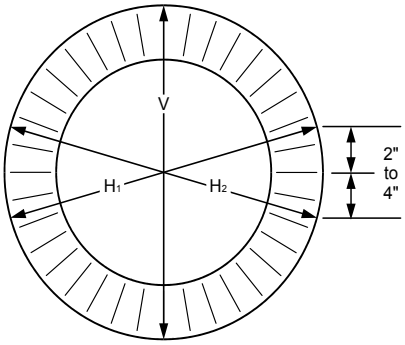
Date 2/10/2009 | Turbine S/N 296436 | Prepared by Barody, Jason
FSR # 357T1061 | Sketches Enclosed? No | Photos Enclosed? Yes
Data Type As found

Component S/N (on outer ring) NA | Nozzle Arrangement Dwg. No. NA
Has this nozzle stage been replaced during the life of the gas turbine unit ? Y
If "YES" at how many fired hours? NA

GENERAL SURFACE EFFECTS Mark (X) in appropriate column.

	None	Light	Medium	Heavy	Comments
Deposits		x			
Corrosion		x			
Erosion		x			
Nicks & Dents			x		

Ellipticity



ELLIPTICITY

Vertical (V)	NA
Horizontal (H1)	NA
Horizontal (H2)	NA
Horizontal, Avg.	NA
Ellipticity	NA

NOTE:
Take diameter readings at the center line of the nozzle segment.

DISPOSITION OF NOZZLE

	Comments
No repair or replacement necessary.	
Repaired.	
NOTE: If nozzle repaired, specify weld rod used -	
Repaired (On-site, Vendor or GE Serivce Shop).	
Replaced with new component.	**Replaced with new component**

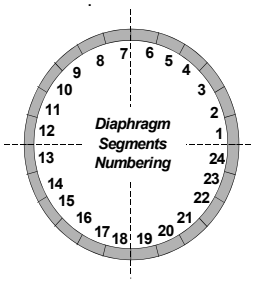
Comments:
The 2nd stage nozzles showed typical signs of wear and cracking.

GT9265_2nd Stage Nozzle Condition(a)

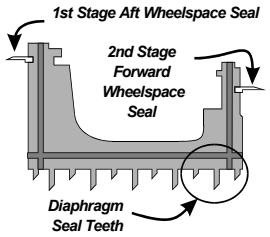
INSPECTION REPORT
Gas Turbine Maintenance
MS 7001F, 9001F

Turbine
Diaphragm Seals, 2nd Stage

Date 2/13/2009 | Turbine S/N 296436 | Prepared by Barody, Jason
FSR # 357T1061 | Sketches Enclosed? No | Photos Enclosed? Yes
Data Type As Found



LOOKING DOWNSTREAM



DEFECT CODES
WR - Worn/Rubbed
CO - Corroded
BT - Bent
ER - Eroded
MP - Missing Pieces
NW - No Wear/Rub

DISPOSITION CODES
N - No repair or replacement necessary.
RN - Replaced with new component.
RR - Replacement Recommended
RG - Repaired by GE
RC - Repaired by Customer
RO - Repaired by Other

Diaphragm	Diaphragm Seal Radial Teeth		Wheelspace Seal 1st Stage Aft		Wheelspace Seal 2nd Stage Fwd		
Segment	Condition	Disposition	Condition	Disposition	Condition	Disposition	Comments
1		RN		RN		RN	
2		RN		RN		RN	
3		RN		RN		RN	
4		RN		RN		RN	
5		RN		RN		RN	
6		RN		RN		RN	
7		RN		RN		RN	
8		RN		RN		RN	
9		RN		RN		RN	
10		RN		RN		RN	
11		RN		RN		RN	
12		RN		RN		RN	
13		RN		RN		RN	
14		RN		RN		RN	
15		RN		RN		RN	
16		RN		RN		RN	
17		RN		RN		RN	
18		RN		RN		RN	
19		RN		RN		RN	
20		RN		RN		RN	
21		RN		RN		RN	
22		RN		RN		RN	
23		RN		RN		RN	
24		RN		RN		RN	

Comments:
The seal teeth were in good overall condition.

GT9175_2nd Stg Turbine Diaphram Seal(a)

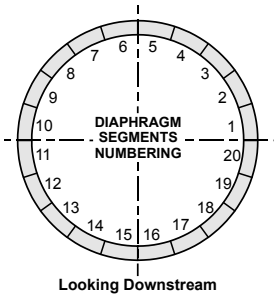
3rd Stage Nozzle - New

3rd Stage Nozzle - As Found

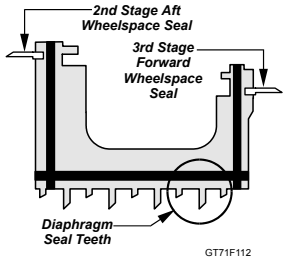
INSPECTION REPORT
Gas Turbine Maintenance
MS7001F

Turbine
Diaphragm Seals, 3rd Stage

Date 2/11/2009 | Turbine S/N 296436 | Prepared by Barody, Jason
FSR # 357T1061 | Sketches Enclosed? No | Photos Enclosed? Yes
Data Type As Found



Looking Downstream



DEFECT CODES
WR - Worn/Rubbed
CO - Corroded
BT - Bent
ER - Eroded
MP - Missing Pieces

DISPOSITION CODES
N - No repair or replacement necessary
RN - Replaced with new component.
RR - Replacement Recommended
RG - Repaired by GE
RC - Repaired by Customer
RO - Repaired by Other

Diaphragm Segment	Diaphragm Seal Radial Teeth		Wheelspace Seal				Comments
			2nd Stage Aft		3rd Stage Fwd		
	Condition	Disposition	Condition	Disposition	Condition	Disposition	
1		RN		RN		RN	
2		RN		RN		RN	
3		RN		RN		RN	
4		RN		RN		RN	
5		RN		RN		RN	
6		RN		RN		RN	
7		RN		RN		RN	
8		RN		RN		RN	
9		RN		RN		RN	
10		RN		RN		RN	
11		RN		RN		RN	
12		RN		RN		RN	
13		RN		RN		RN	
14		RN		RN		RN	
15		RN		RN		RN	
16		RN		RN		RN	
17		RN		RN		RN	
18		RN		RN		RN	
19		RN		RN		RN	
20		RN		RN		RN	

Comments:
The overall condition of the diaphram seals was good.

GT9185_3rd Stg Turbine Diaphram Seal(a)

INSPECTION REPORT
Gas Turbine Maintenance
MS 7001, 7001F, 9001, 9001F

Turbine

Nozzle - General Condition, 3rd Stage

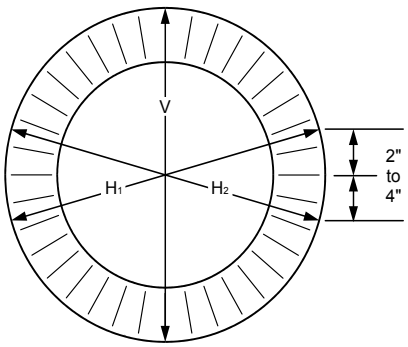
Date 2/16/2009 | Turbine S/N 296436 | Prepared by Barody, Jason
FSR # 357T1061 | Sketches Enclosed? No | Photos Enclosed? Yes
Data Type As Found

Component S/N (on outer ring) NA | Nozzle Arrangement Dwg. No. NA
Has this nozzle stage been replaced during the life of the gas turbine unit ? Y
If "YES" at how many fired hours? NA

GENERAL SURFACE EFFECTS Mark (X) in appropriate column.

	None	Light	Medium	Heavy	Comments
Deposits	x				
Corrosion	x				
Erosion	x				
Nicks & Dents	x				

Ellipticity



ELLIPTICITY

Vertical (V)	
Horizontal (H1)	
Horizontal (H2)	
Horizontal, Avg.	
Ellipticity	

NOTE:
Take diameter readings at the center line of the nozzle segment.

DISPOSITION OF NOZZLE

	Comments
No repair or replacement necessary.	
Repaired.	
NOTE: If nozzle repaired, specify weld rod used -	
Repaired (On-site, Vendor or GE Serivce Shop).	
Replaced with new component.	**Replaced with new component**

Comments:
The 3rd stage nozzles were in great condition and were replaced as part of the major inspection. The removed nozzles will be further inspected at a GE Service Center.

1st Stage Shroud - As Found

1st Stage Shroud - New

INSPECTION REPORT
Gas Turbine Maintenance
MS 7001F, 9001F

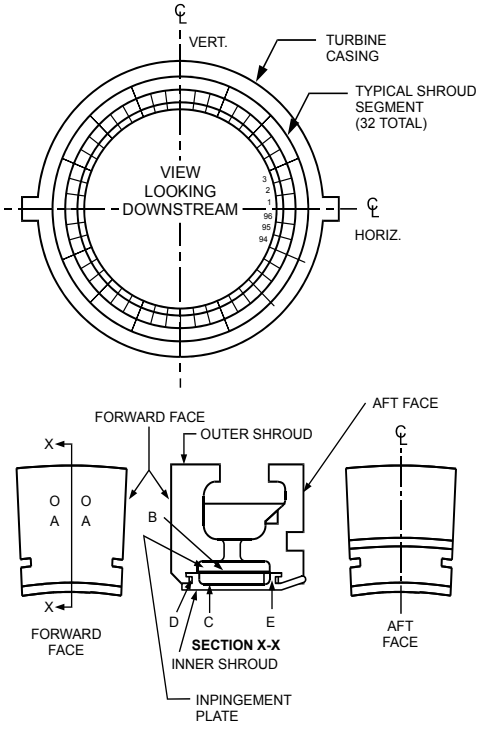
Turbine
Bucket Shroud - General Condition, 1st Stage

Date	2/11/2009	Turbine S/N	296436	Prepared by	Barody, Jason
FSR #	357T1061	Sketches Enclosed?	No	Photos Enclosed?	Yes
		Data Type	As Found		

GENERAL SURFACE EFFECTS - Put "X" where applicable.

	NONE	LIGHT	MEDIUM	HEAVY	COMMENTS
Deposits		x			
Corrosion		x			
Erosion		x			
Cracks		x			
Nicks & Dents		x			
Rubs/Wear		x			

SHROUD ARRANGEMENT



TYPICAL 1ST STAGE SHROUD

GT71F101

Disposition

	No repair or replacement necessary
	Repaired
x	Replaced with new component
	Recommended replace/repair at next outage

Comments	
Replaced as part of the major inspection. Removed hardware to be sent to the GE HSC for further inspection and refurbishment.	

Hole Identification	*Percent Plugged			
	0	0-25	25-50	50-100
A				
B				
C				
D				
E				

Check applicable box (X)

Comments	

GT9110_1st Stage Shroud Condition(a)

2nd Stage Shroud - As Found

2nd Stage Shroud - Cracks

2nd Stage Shrouds - Cracking

2nd Stage Shroud - New

INSPECTION REPORT
Gas Turbine Maintenance

MS7001F

Turbine

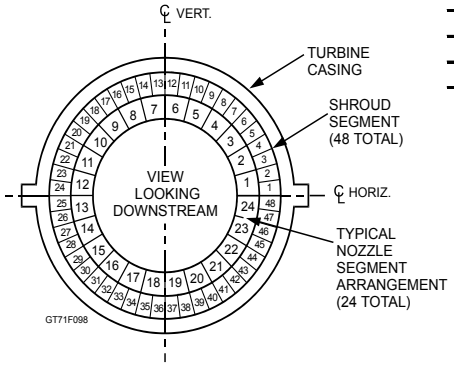
Bucket Shroud - General Condition, 2nd Stage

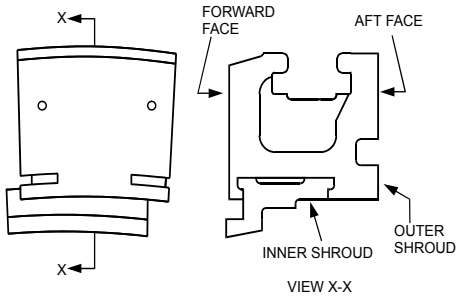
Date 2/13/2009 | Turbine S/N 296436 | Prepared by Barody, Jason
FSR # 357T1061 | Sketches Enclosed? No | Photos Enclosed? Yes
Data Type As Found

GENERAL SURFACE EFFECTS - Put "X" where applicable.

	NONE	LIGHT	MEDIUM	HEAVY	COMMENTS
Deposits		x			
Corrosion		x			
Erosion			x		
Cracks		x			

SHROUD ARRANGEMENT





SECOND STAGE SHROUD

Disposition

	No repair or replacement necessary
	Repaired
X	Replaced with new component
	Recommended replace/repair at next outage

Comments	
The 2nd stage shrouds were replaced with a spare set as part of the major inspection.	

Seal Condition

	Cracks
	Distortion
x	Wear/Rubs
	Missing Pieces

Comments	

GT9130_2nd Stage Shroud Condition(a)

3rd Stage Shroud - As Found

3rd Stage Shroud - New

3rd Stage Shroud Pin Repair

INSPECTION REPORT
Gas Turbine Maintenance

MS 7001F, 9001F

Turbine

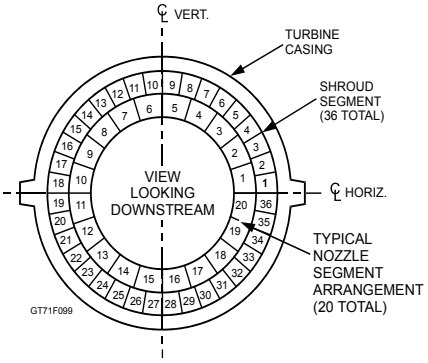
Bucket Shroud - General Condition, 3rd Stage

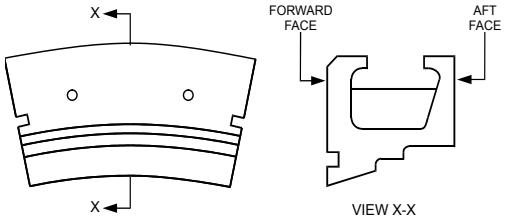
Date 2/12/2009 | Turbine S/N 296436 | Prepared by Barody, Jason
FSR # 357T1061 | Sketches Enclosed? | Photos Enclosed? Yes
Data Type As Found

GENERAL SURFACE EFFECTS - Put "X" where applicable.

	NONE	LIGHT	MEDIUM	HEAVY	COMMENTS
Deposits		x			
Corrosion		x			
Erosion			x		
Cracks			x		

SHROUD ARRANGEMENT





THIRD STAGE SHROUD

Disposition

	No repair or replacement necessary
	Repaired
X	Replaced with new component
	Recommended replace/repair at next outage

Comments	
The 3rd stage shrouds were replaced with a spare set as part of the major inspection.	

Seal Condition

	Cracks
	Distortion
x	Wear/Rubs
x	Missing Pieces

Comments	

GT9140_3rd Stage Shroud Condition(a)

BEARINGS

Journal Bearing

Assembly; #1 and #2

The #1 and #2 journal bearings (tilting pad) were removed from the unit during the outage. The bearings were cleaned and visually inspected by GE.

All flexible hydraulic lift oil hoses for the turbine and generator bearings were replaced as part of the major inspection.

Journal Bearing

Deflector - Air; T1 Bearing

The #1 bearing air seals were removed, cleaned and visually inspected. The seals were measured for clearance versus the shaft and found to be acceptable. These seals were re-installed in the machine at reassembly.

Journal Bearing

Deflector - Air; T2 Bearing

The #2 bearing air seals were removed, cleaned and visually inspected. The seals were measured for clearance versus the shaft and found to be acceptable. These seals were re-installed in the machine at reassembly.

Journal Bearing

Deflector - Oil; T1 Bearing

The #1 bearing oil seals were removed, cleaned and visually inspected. They were measured for clearance to the shaft. The clearance measured was acceptable and they were installed in the machine at reassembly.

Journal Bearing

Deflector - Oil; T2 Bearing

The #2 bearing oil seals were removed, cleaned and visually inspected. The seals were replaced with new seals due to the babbitt wear. The new seals were measured for clearance to the shaft. The clearance measured was acceptable and they were installed in the machine at reassembly.

The removed T2 bearing oil seals should be sent to a GE Service Shop for refurbishment.

BEARINGS

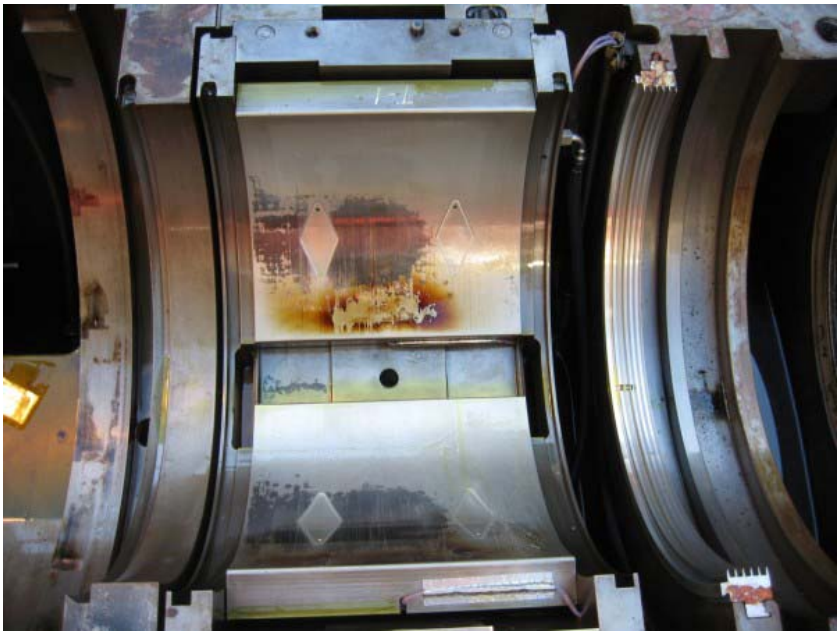
Thrust Bearing
Assembly;
The thrust bearing was removed from the unit during the outage. The thrust bearing was cleaned and visually inspected by GE. There was a recommendation from the outage in 2006 to replace the forward thrust pads. These pads were replaced at this outage. Refer to the attached data sheets for further details.

The thrust bearing thermocouple modification was also performed on this unit. There was a groove machined into the casing on the left side to allow the thermocouple wiring to lie. This modification prevents the wires from possibly getting cut while the unit is running.

Thrust Bearing
Assembly;
The thrust bearing oil seals were removed, cleaned and visually inspected. The seals were also measured for clearance to the shaft. The clearance measured was acceptable and they were re-installed in the machine at reassembly.

Thrust Bearing
Assembly;
A closing thrust bump check was performed per GE procedure. Physical thrusting of the shaft/rotor indicated the actual clearance of the thrust bearing to be .015". At this time, the axial position probes were set.

BEARINGS

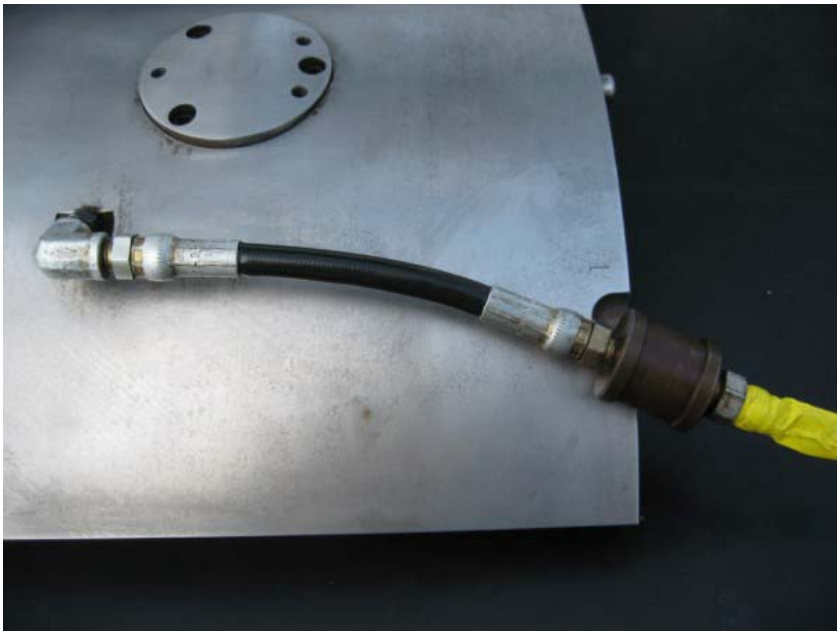


T1 Bearing As Found

BEARINGS

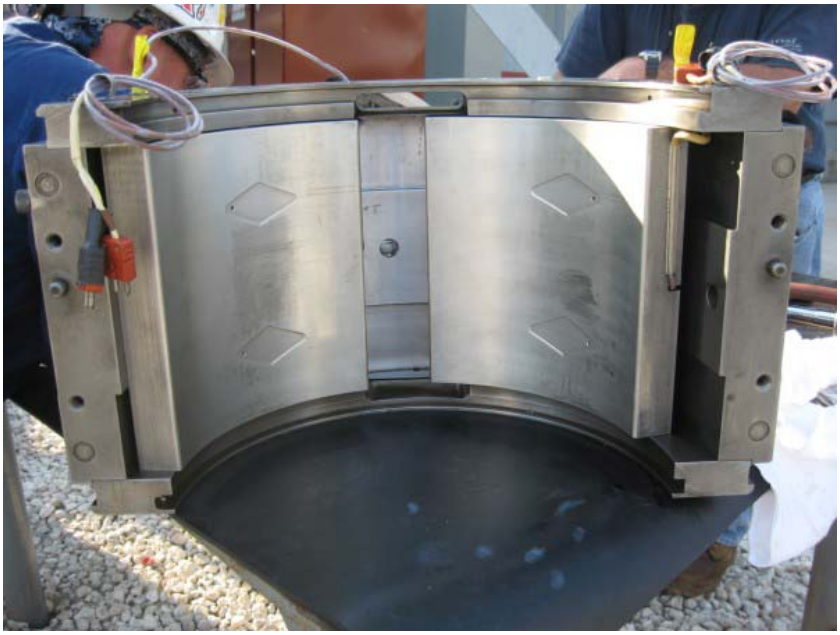
T1 bearing inspection

BEARINGS



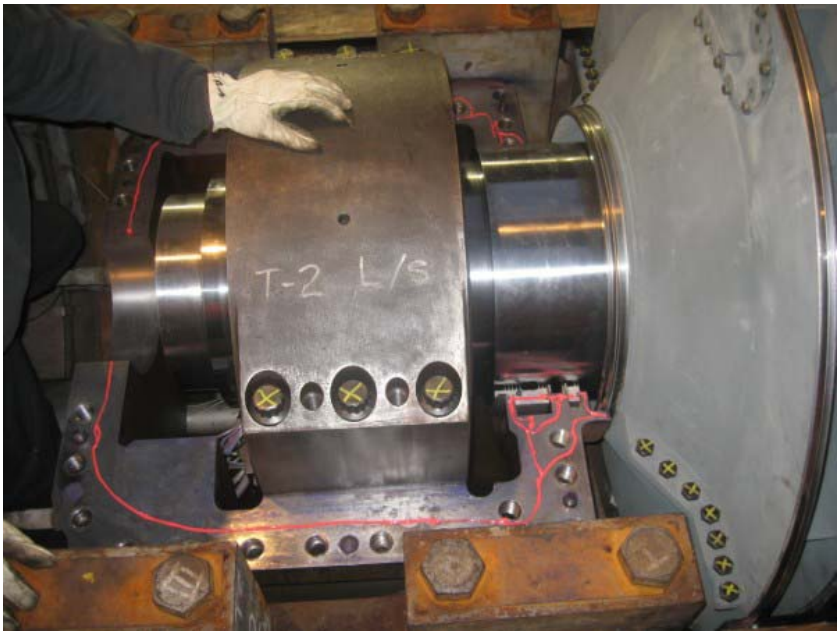
T1 bearing pads with lift oil hose assembly

BEARINGS



T2 bearing inspection

BEARINGS



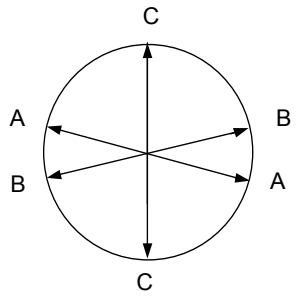
T2 bearing final assembly

Air Seals

As Found ***Turbine***

Date 2/7/2009 Turbine Serial No. 296436 Prepared by Barody, Jason

INSPECTIONS & CHECKS				CODE	
Teeth Inspected	x			**X**	Work Carried Out
Journals inspected	x			**N**	Not Done
Drain Holes Inspected	x			**NA**	Not Applicable
Inspected for rubs	x			**C**	See Comments
				V	Visual Inspection
				MP	Mag. Particle
				UT	Ultrasonic
				PT	Penetrant



Location	Oil Deflector			Journal	Clearance			Condition
Number	A-Dia	B-Dia	C-Dia	Dia	Average	Min.	Max.	Comment
1S1	18.5510	18.5520	18.5560	18.500	0.0530	0.0510	0.0560	Visually Ok
1S2	18.5500	18.5530	18.5570	18.500	0.0533	0.0500	0.0570	Visually Ok
1WF1	17.5530	17.5480	17.5720	17.500	0.0577	0.0480	0.0720	Visually Ok
1S3	17.5490	17.5480	17.5010	17.500	0.0327	0.0010	0.0490	Visually Ok
1S4	18.5530	18.5530	18.5540	18.500	0.0533	0.0530	0.0540	Visually Ok
1S5	18.557	18.554	18.559	18.500	0.057	0.054	0.059	Visually Ok
2S1	18.590	18.590	18.542	18.500	0.074	0.042	0.090	Visually Ok
2S2	18.589	18.586	18.551	18.500	0.075	0.051	0.089	Visually Ok

Comments:

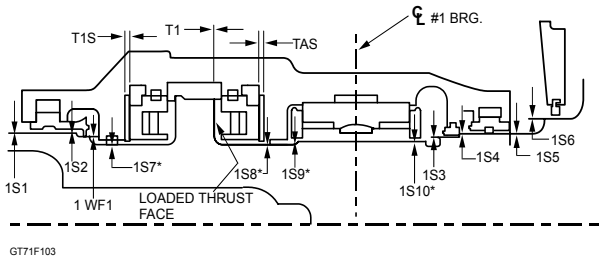
Air Seal DimensionsAs Found

INSPECTION REPORT
Gas Turbine Maintenance
MS 6001, 6001F, 7001F, 9001F

Bearings
Bearing & Seal Clearances, No. 1

Date
FSR # 357T1061
Turbine S/N 296436
Sketches Enclosed? No
Data Type Opening
Prepared by Barody, Jason
Photos Enclosed? N

• All axial clearances are measured with rotor against the loaded thrust face. Refer to EM5260 to confirm rotor position.
• All views with turbine flow.



CONDITION CODE
M - Missing Metal
W - Worn
CR - Cracked

DISPOSITION CODE
N - No Repair or Replacement Necessary
R - Repaired
RN - Replaced with New Component

SEAL INSPECTION

	Clearances				Visual Inspection		
DIM	**Left**	**Right**	**Top**	**Bottom**	**Condition**	**Disposition**	**Comments**
1S1	0.057	0.035	0.073			N	Visually OK
1S2	0.053	0.035				N	Visually OK
1S3	0.027	0.021				N	Visually OK
1S4	0.028	0.054				N	Visually OK
1S5	0.029	0.021	NA			N	Visually OK
1S6	0.029	0.028				N	Visually OK
1S7*	0.011	0.011	0.006			N	Visually OK
1S8*	0.006	0.008	0.010			N	Visually OK
1S9*	0.007	0.004	0.000			N	Visually OK
1S10*	0.005	0.005	0.005			N	Visually OK
1WF1	0.034	0.024				N	Visually OK

DIM	**Description**	**Measurement**		**Insp. Date**
T1	Rotor Float		0.017	2/4/2009
T1S	Inactive Thrust	U.H.	0.447	2/4/2009
	Shim Thickness	L.H.	0.447	
TAS	Active Thrust	U.H.	0.553	2/4/2009
	Shim Thickness	L.H.	0.553	

*** Measure total ring clearance at each location.**

Comments:	

GT2025 #1 Brg Clearances Open & ClosingAS FOUND

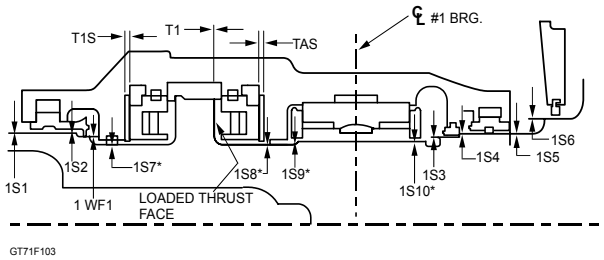
INSPECTION REPORT
Gas Turbine Maintenance
MS 6001, 6001F, 7001F, 9001F

Bearings

Bearing & Seal Clearances, No. 1

Date 3/8/2009 | Turbine S/N 296436 | Prepared by Barody, Jason
FSR # 357T1061 | Sketches Enclosed? N | Photos Enclosed? N
Data Type Closing

• All axial clearances are measured with rotor against the loaded thrust face. Refer to EM5260 to confirm rotor position.
• All views with turbine flow.



CONDITION CODE
M - Missing Metal
W - Worn
CR - Cracked

DISPOSITION CODE
N - No Repair or Replacement Necessary
R - Repaired
RN - Replaced with New Component

SEAL INSPECTION

	Clearances				Visual Inspection		
DIM	**Left**	**Right**	**Top**	**Bottom**	**Condition**	**Disposition**	**Comments**
1S1	0.070	0.022	0.041			N	Visually OK
1S2	0.024	0.025				N	Visually OK
1S3	0.028	0.025				N	Visually OK
1S4	0.032	0.029				N	Visually OK
1S5	0.032	0.029				N	Visually OK
1S6	0.030	0.030				N	Visually OK
1S7*	0.010	0.011	0.004			N	Visually OK
1S8*	0.008	0.009	0.006			N	Visually OK
1S9*	0.006	0.006	0.000			N	Visually OK
1S10*	0.006	0.006	0.005			N	Visually OK
1WF1	0.056	0.032				N	Visually OK

DIM	**Description**	**Measurement**		**Insp. Date**
T1	Rotor Float		0.015	3/15/2009
T1S	Inactive Thrust	U.H.	0.521	3/15/2009
	Shim Thickness	L.H.	0.521	
TAS	Active Thrust	U.H.	0.483	3/15/2009
	Shim Thickness	L.H.	0.483	

*** Measure total ring clearance at each location.**

Comments:	

.

INSPECTION REPORT
Gas Turbine Maintenance
MS 6001F, 7001F, 9001F

Bearings

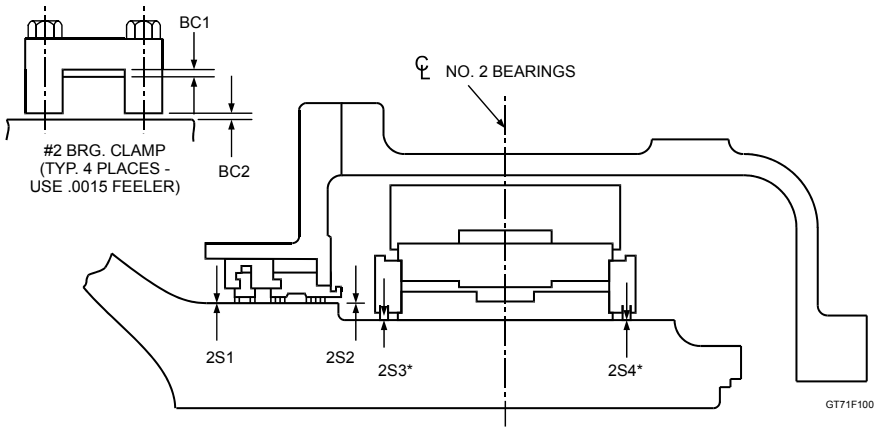
Bearing & Seal Clearances, No. 2

Date 2/5/2009 | Turbine S/N 296436 | Prepared by Barody, Jason
FSR # 357T1061 | Sketches Enclosed? NA | Photos Enclosed? NA
Data Type Opening

All Views with Turbine Flow

CONDITION CODE:
M - Missing Metal
W - Worn
CR - Cracked

DISPOSITION CODE:
N - No Repair or Replacement Necessary
R - Repaired
RN - Replaced with New Component



SEAL INSPECTION

DIM	Clearances				Visual Inspection		Comments
	Left	Right	Top	Bottom	Condition	Disposition	
2S1	0.049	0.051	NA			N	Visually OK
2S2	0.039	0.042	NA			N	Visually OK
2S3*	0.007	0.007	0.007		W	RN	Needs Replacement
2S4*	0.006	0.006	0.005			N	Visually OK

FWD STRAP		AFT STRAP	
LEFT	RIGHT	LEFT	RIGHT

*** Measure total ring float at each location.**

Comments:	

GT2060 #2 Brg Clearances Open & CloseAs Found

INSPECTION REPORT
Gas Turbine Maintenance
MS 6001F, 7001F, 9001F

Bearings

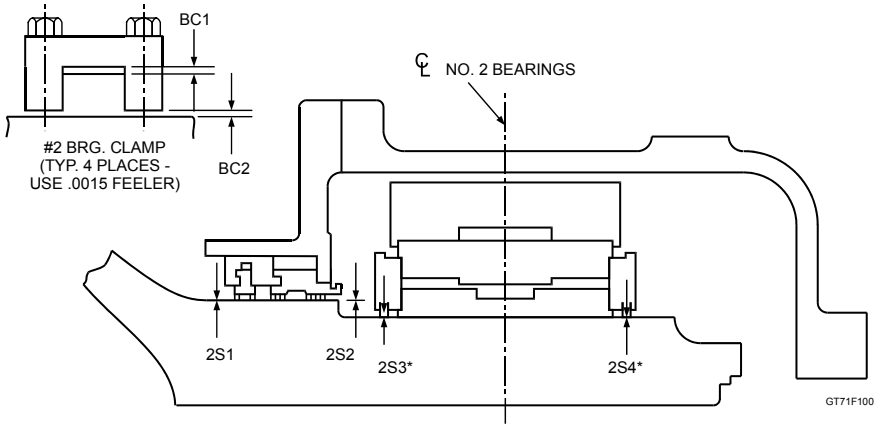
Bearing & Seal Clearances, No. 2

Date	3/8/2009	Turbine S/N	296436	Prepared by	Barody, Jason
FSR #	357T1061	Sketches Enclosed?	No	Photos Enclosed?	N
		Data Type	Closing		

All Views with Turbine Flow

CONDITION CODE:
M - Missing Metal
W - Worn
CR - Cracked

DISPOSITION CODE:
N - No Repair or Replacement Necessary
R - Repaired
RN - Replaced with New Component



SEAL INSPECTION

	Clearances				Visual Inspection		
DIM	Left	Right	Top	Bottom	Condition	Disposition	Comments
2S1	0.048	0.048	NA	NA		N	Visually OK
2S2	0.039	0.039	NA	NA		N	Visually OK
2S3*	0.006	0.006	0.008	NA		RN	REPLACED WITH NEW
2S4*	0.006	0.007	0.005	NA		N	Visually OK

Comments:	

GT206

0 #2 Brg Clearances Open &
CloseFinal

INSPECTION REPORT
Gas Turbine Maintenance

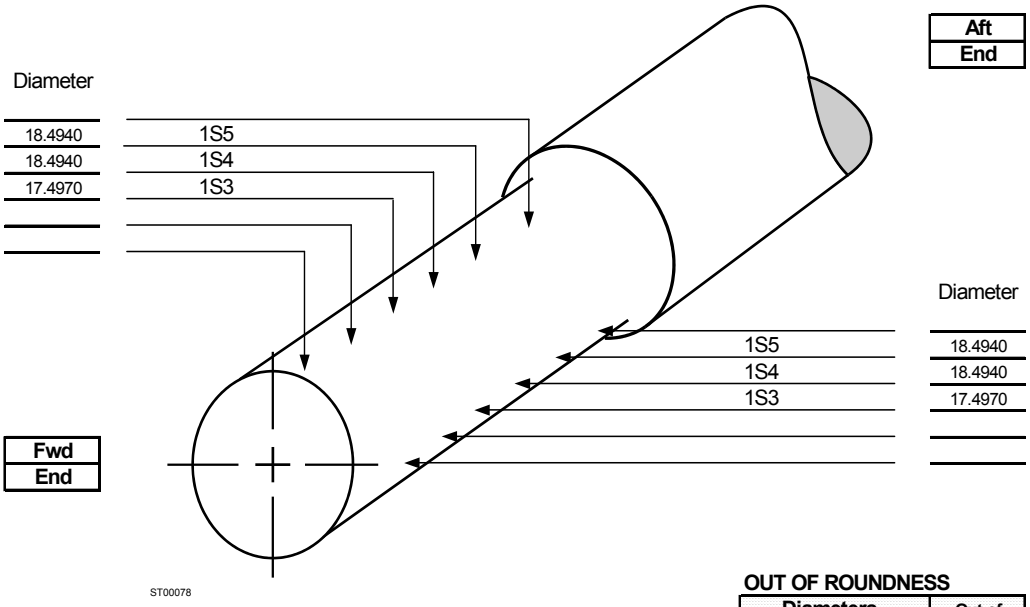
MS 3002, 5001, 5002, 6001, 7001, 7001F, 9001, 9001F

Bearings

#1 Rotor Journal Condition

Date 3/9/2009 | Turbine S/N 296436 | Prepared by Barody, Jason
FSR # 357T1061 | Sketches Enclosed? NO | Photos Enclosed?
Data Type As found
Journal Number T1

NOTE: **Mark on sketch to show grooving, discoloration, carbon inclusions, or irregularities in the journal surface.**



JOURNAL SIZES

	0º	90º	All
Maximum			
Minimum			
Difference			
Average			

OUT OF ROUNDNESS

Diameters		Out of
0º	90º	Round

Comments:	

GT

2130 Brg Journal Dims Final#1 Air Seal

INSPECTION REPORT
Gas Turbine Maintenance

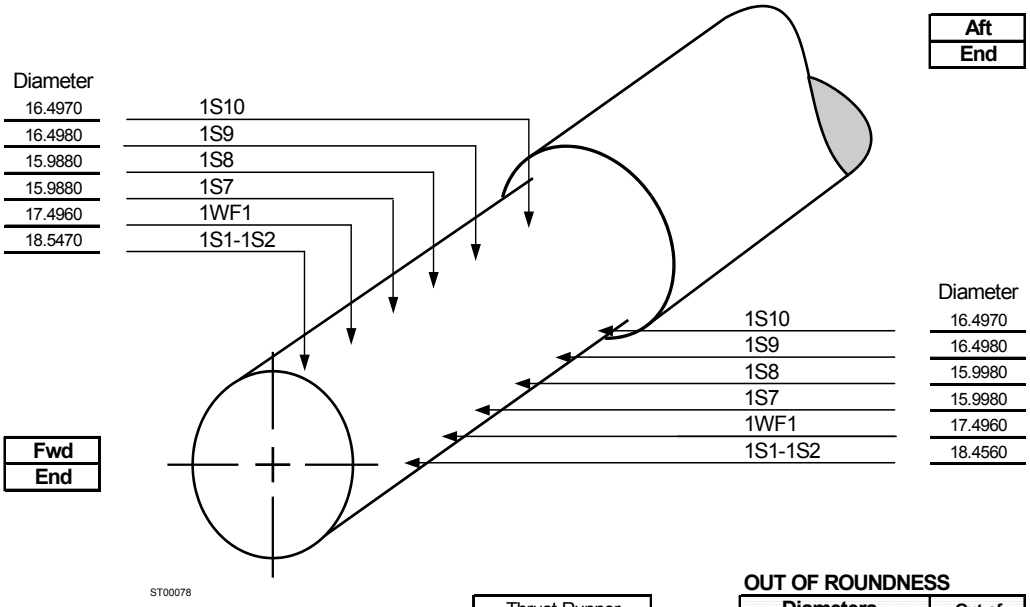
MS 3002, 5001, 5002, 6001, 7001, 7001F, 9001, 9001F

Bearings

#1 Rotor Journal Condition

Date 3/9/2009 | Turbine S/N 296436 | Prepared by Barody, Jason
FSR # 357T1061 | Sketches Enclosed? N | Photos Enclosed? N
Data Type As found
Journal Number T1

NOTE: **Mark on sketch to show grooving, discoloration, carbon inclusions, or irregularities in the journal surface.**



Thrust Runner
4.230

JOURNAL SIZES

	0º	90º	All
Maximum			
Minimum			
Difference			
Average			

OUT OF ROUNDNESS

Diameters		Out of
0º	90º	Round

Comments:	

GT

2130 Brg Journal Dims Final#1
Journal

INSPECTION REPORT
Gas Turbine Maintenance

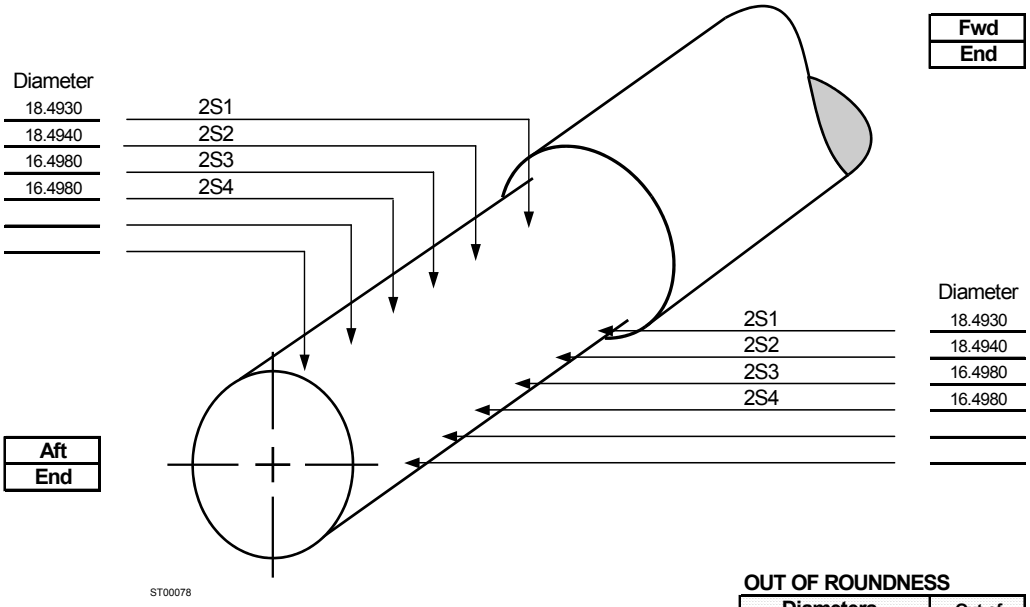
MS 3002, 5001, 5002, 6001, 7001, 7001F, 9001, 9001F

Bearings

#2 Rotor Journal Condition

Date	2/7/2009	Turbine S/N	296436	Prepared by	Barody, Jason
FSR #	357T1061	Sketches Enclosed?	NO	Photos Enclosed?	
		Data Type	As found		
		Journal Number	T2		

NOTE: **Mark on sketch to show grooving, discoloration, carbon inclusions, or irregularities in the journal surface.**



JOURNAL SIZES

	0º	90º	All
Maximum			
Minimum			
Difference			
Average			

OUT OF ROUNDNESS

Diameters		Out of
0º	90º	Round

Comments:	

GT

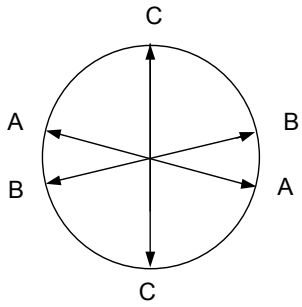
2130 Brg Journal Dims Final#2
Journal

Journal Bearing

As Found ***Oil Ring Clearances***

Date 2/9/2009 Turbine Serial No. 296436 Prepared by Barody, Jason

INSPECTIONS & CHECKS				CODE	
Ring Inspected	X			**X**	Work Carried Out
Journals Inspected	X			**N**	Not Done
				NA	Not Applicable
				C	See Comments
				V	Visual Inspection
				MP	Mag. Particle
				UT	Ultrasonic
				PT	Penetrant



Location	Oil Rings			Journal	Clearance			Condition
Number	A-Dia	B-Dia	C-Dia	Dia	Average	Min.	Max.	Comment
#1 FWD	16.508	16.507	16.504	16.500	0.0063	0.0040	0.0080	Visually ok
#1 AFT	16.503	16.503	16.510	16.500	0.0053	0.0030	0.0100	Visually ok
#2 FWD	16.505	16.504	16.510	16.500	0.0063	0.0040	0.0100	Warrants Replacement
#2 AFT	16.507	16.507	16.508	16.500	0.0073	0.0070	0.0080	Visually ok
Thrust-F	16.014	16.014	16.007	16.000	0.012	0.007	0.014	Visually ok
Thrust-A	16.011	16.014	16.011	16.000	0.012	0.011	0.014	Visually ok

Comments:
These data are as found.

Jou

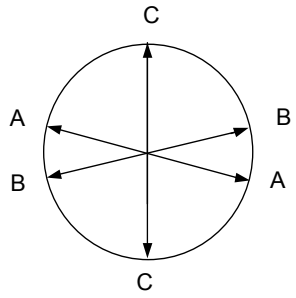
rnal Brg Oil Seals-As FoundAs

Oil Seal

Final - NEW T2 ***Turbine***

Date 2/7/2009 Turbine Serial No. 296436 Prepared by Barody, Jason

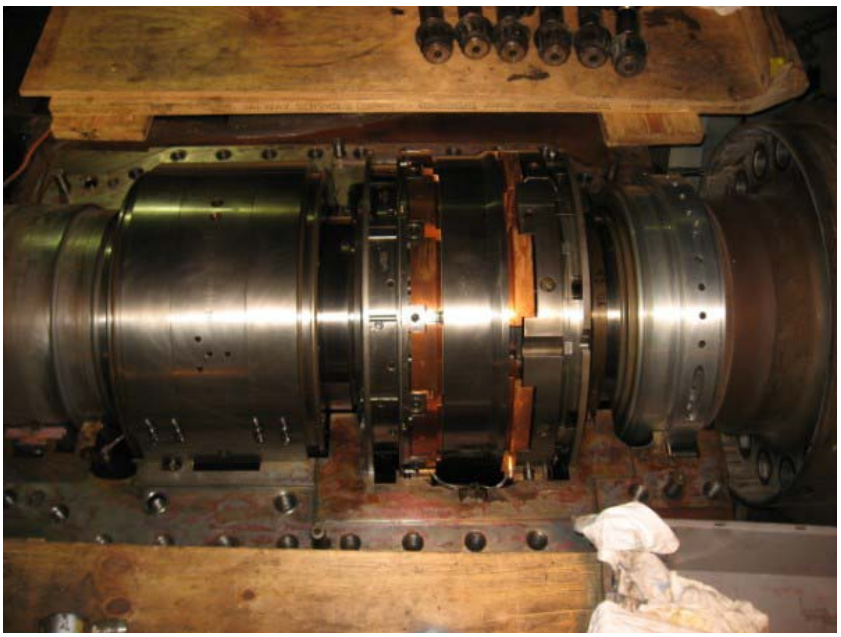
INSPECTIONS & CHECKS				CODE	
Teeth Inspected	x			**X**	Work Carried Out
Journals inspected	x			**N**	Not Done
Drain Holes Inspected	x			**NA**	Not Applicable
Inspected for rubs	x			**C**	See Comments
				V	Visual Inspection
				MP	Mag. Particle
				UT	Ultrasonic
				PT	Penetrant



Location	Oil Deflector			Journal	Clearance			Condition
Number	A-Dia	B-Dia	C-Dia	Dia	Average	Min.	Max.	Comment
T2 NEW	16.5050	16.5060	16.5080	16.500	0.0063	0.0050	0.0080	NEW

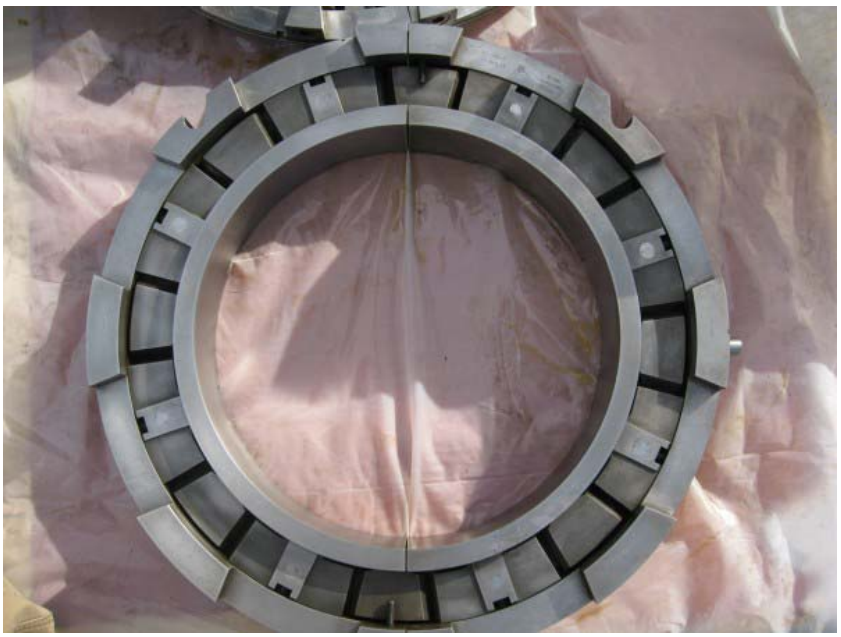
Comments:	

Found oi
l seal--new t2 DimensionsAs Found



As Found Thrust Bearing

Aft Thrust Bearing Cage



Forward Thrust Cage Assembly

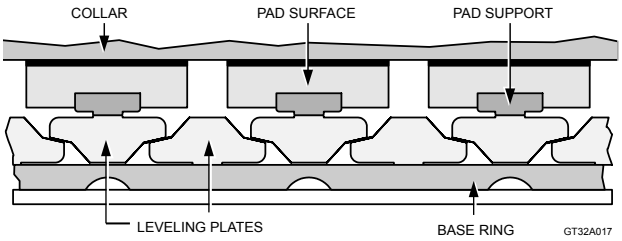
Thrust Pad

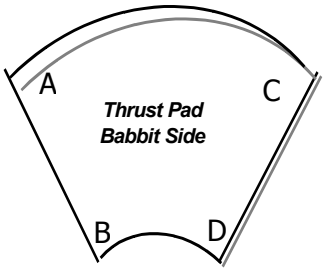
In-Active Thrust Pad Data Sheet

Date 2/8/2009 Turbine S/N 296436 Prepared by Barody, Jason

Data Type: ***In Active - Closing - AFT***

In-Active
Kingsbury Tilting Thrust Pad Bearing





PAD	A	B	C	D
1	2.102	2.101	2.101	2.099
2	2.103	2.101	2.102	2.101
3	2.101	2.100	2.100	2.099
4	2.101	2.102	2.100	2.101
5	2.101	2.099	2.101	2.099
6	2.100	2.100	2.101	2.099
7	2.100	2.100	2.100	2.099
8	2.100	2.100	2.102	2.101
9	2.100	2.099	1.606	1.602
10	2.105	2.098	2.102	2.100
11	2.101	2.101	2.101	2.101
12	2.101	2.100	2.100	2.099
13	2.102	2.100	2.101	2.100
14	2.102	2.102	2.102	2.102
Average	2.101	2.100	2.101	2.100

In active thrust pad(c)

Refer to ML404 to confirm rotor position.

Thrust Collar	4.230
Inactive Shim	
Active Shim	
Thrust Bump	

Pad # 9 is machined different than all other pads and reading should be ignored when compared to others.

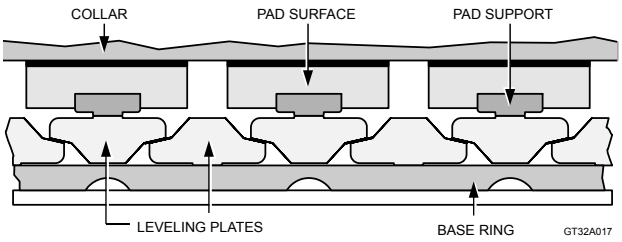
Thrust Pad

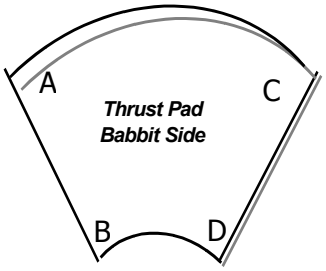
Active Thrust Pad Data Sheet

Date 2/12/2009 Turbine S/N 296436 Prepared by Barody, Jason

Data Type: ***Active -AS FOUND***

Active
Kingsbury Tilting Thrust Pad Bearing





PAD	A	B	C	D
1	1.619	1.620	1.617	1.619
2	1.619	1.619	1.618	1.619
3	1.620	1.619	1.618	1.620
4	1.619	1.618	1.617	1.618
5	1.619	1.619	1.618	1.619
6	1.619	1.619	1.618	1.620
7	1.620	1.619	1.618	1.619
8	1.620	1.620	1.618	1.620
Average	1.619	1.619	1.618	1.619

Refer to ML404 to confirm rotor position.

Thrust Collar	
Inactive Shim	
Active Shim	
Thrust Bump	

Groove marks on each pad. Replaced as part of the recommendation in 2006.

active thrust pads- as found and finalAs Found

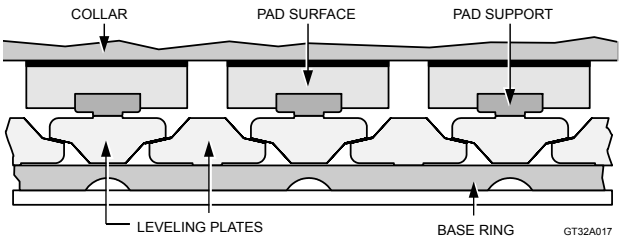
Thrust Pad

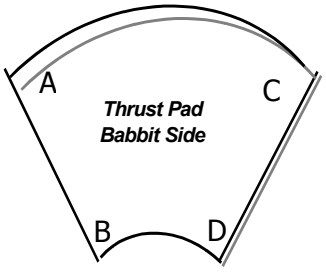
Active Thrust Pad Data Sheet

Date 2/12/2009 Turbine S/N 296436 Prepared by Barody, Jason

Data Type: ***Active -FINAL***

Active
Kingsbury Tilting Thrust Pad Bearing





PAD	A	B	C	D
1	1.619	1.618	1.617	1.618
2	1.619	1.619	1.618	1.619
3	1.620	1.619	1.618	1.620
4	1.619	1.620	1.617	1.619
5	1.619	1.619	1.618	1.619
6	1.620	1.620	1.618	1.620
7	1.620	1.619	1.618	1.619
8	1.619	1.619	1.618	1.620
Average	1.619	1.619	1.618	1.619

Refer to ML404 to confirm rotor position.

Thrust Collar	
Inactive Shim	
Active Shim	
Thrust Bump	

New Pads installed in existing cage
S/N: OR10509530-1
151B226

active thrust pads- as found and finalFinal

In active thrust padtestp

INLET SYSTEM

Inlet Silencer

Silencer; Duct Section

Donaldson was contracted to replace the inlet silencer duct section. The current silencer duct is severely corroded and warrants replacement. After the duct was replaced it was sealed and the entire inlet system was cleaned and partially repainted per TECO direction.

COOLING & SEALING AIR SYS

Exhaust Frame Blower

90TS-1; Roof

During the green rotor run-in, the unit had a fired shut down due to the 90TS-1 valve not opening. The valve was then investigated and it was noted that the valve was trying to open, but appeared to be stuck. The valve was then removed from the unit, cleaned and reset. Once the valve was reinstalled, it was functionally tested and no more issues to note.

Piping/Components (CA)

Valve; 9th and 13th Extract

During the outage all the manual compressor extraction valves were replaced. The 9th and 13th stage extraction valves were replaced, piping faces cleaned, and installed with new gaskets. All the bolts were cleaned and properly torqued. Each valves was functionally tested with no issues to note.

GAS FUEL SYSTEM

Piping/Components (GF)

Hose - Flexible; All

All gas turbine flexible hoses were removed during the major inspection and pressure tested per TIL 1547-2. There were no major issues to note and a few gaskets that were found to be leaking. All in question were replaced. See attached data sheet for further details.

All flexible metal hoses should be inspected at each outage.

Piping/Components (GF)

Hose - Flexible; All

All gas turbine flexible hoses were removed during the major inspection and pressure tested per TIL 1547-2. There were no major issues to note and a few gaskets that were found to be leaking. All in question were replaced. See attached data sheet for further details.

All flexible metal hoses should be inspected at each outage.

Piping/Components (GF)

Hose - Flexible; Multiple

The fuel gas flexible hoses were removed during this outage to allow for the disassembly of the combustion components. Plastic flange covers were immediately installed as part of a foreign matter exclusion program that was adhered to during the outage.

Prior to reassembly, the pigtails were blown out with compressed air and visually inspected for wear and fretting. The fuel gas flanges were verified to have the correct gaskets and bolts and then they were properly torqued. The pigtails were clocked to ensure that they did not contact other pigtails. After the pigtail installation was completed, a QC check was performed to ensure that the correct bolts and gaskets were installed, the flanges square and the bolts properly torqued.

There were a few damaged gas and nitrogen piping flex hoses that TECO decided to replace during the outage.

The fuel gas pigtails should be inspected for fretting and wear at the next outage.

GAS FUEL SYSTEM

Control Valve (VGC)

Actuator; ALL

Prior to start up a GE Controls Specialist calibrated the gas and nitrogen control valves.

LIQUID FUEL SYSTEM

Liquid Fuel Piping

Tubing; All

During the outage, a sub-contractor (Voom) replaced all the liquid fuel and water injection tubing from the bulkheads to the combustion cans. All tubing and necessary fittings were replaced and pressure tested prior to start up. In order to complete this process, the unit was partially rebuilt to give Voom access to run all new tubing without interfering with the base piping and hardware.

The fuel purge air system was also re-tubed during the outage. The purge valve was moved downstairs in hopes that the temperature will be cooler and the switches would last longer. This system was also pressure tested prior to start up.

LF Tubing

LIQUID FUEL SYSTEM

Purge Valve Re Located

LUBE OIL SYSTEM

Piping/Components (LO)

Hose; T1 Lift Oil Lines

The T1 bearing hydraulic hoses were replaced with new hydraulic hoses. In the process of replacing the hydraulic hoses, the dresser coupling gasket, lube oil drain piping gasket and all associated O-rings for the lube oil feed piping were replaced.

Piping/Components (LO)

Hose; T3 & T4

The generator bearing hydraulic lift oil hoses were replaced during the outage. There were minor fretting and missing protective sleeve material found on the hydraulic lines removed. There were two hoses out of the four that were leaking as well. The purpose of this replacement is to assure the hose life will last until the next major inspection.

Piping/Components (LO)

O-ring; Multiple in System

Prior to the outage, the customer was having issues with lift oil pressure. In the past the system was checked out, lift oil pump replaced and not much was found. During this outage we had the time and resources to fully investigate the lift oil system. We pressurized the system utilizing a hytorq pump from a connection close to the pumps and capped off all bearing locations. Multiple leaks were recognized and corrected. These leaks included faulty fittings (T2), damaged flex hoses (T1, T4, and T3) and damaged o-rings (JB #1). After all the leaks were corrected the system was checked and held pressure for minutes. The TECO customer representative witnessed this.

Piping/Components (LO)

Hose; T2 Lift Oil Lines

The T2 bearing hydraulic lift oil hoses were replaced during the outage. There were no defects to note on the hydraulic lines removed. The purpose of this replacement is to assure the hose life will last until the next major inspection.

PURGE AIR SYSTEM

Liquid Purge Valve (VA19)

Assembly; 1-14

The liquid fuel purge valves were functionally tested during the pre-start checks.

A complete set of liquid fuel purge valves should be kept in storage for emergency situations.

STARTING MEANS

Turning Gear
Assembly;
The turning gear assembly was visually inspected during the major inspection for any major defects. There were no issues to note at this time.

DEVICE SUMMARY

Magnetic Pick-Up's

77it Speed Pick-up Int Shaft;

During the outage the magnetic speed pickups were inspected for damage and wear. There were no defects to note. Each probe was then set at 0.050" +/- 0.005".

Thermocouples/RTD's

Tt-ws1 Turb Temp-Whlspc 1st Stg; Left and Right

The thermocouple guide tubes for the TT-WS-FO were both found to be in good condition. There was 1 clamp on the right side that was replaced during the outage.

These areas should be inspected at the next opportunity for any damage or missing parts.

Check Valves

Vck4 Pfd Liq Fuel Check Vlv; 1-14

The liquid fuel check valves were pressure tested before reassembly of the liquid fuel tubing began. The fourteen check valves were replaced with customer spares. The new valves were also pressure tested, and the test proved satisfactory. The new check valves and the new O-rings were then installed onto the unit.

A complete set of liquid fuel check valves and o-rings should be kept in storage for emergency situations.

COUPLINGS

Load Coupling Assembly; Turbine End
The load coupling and mating compressor and generator couplings were cleaned and dimensionally checked. Refer to the attached data for further details. There were no issues to note.

Coupling Inspection

Date(m/d/y) 2/9/2009 Turbine Serial No. 296436 Prepared by Barody, Jason

Rotor Identification Compressor/Load Shaft Coupling Load coupling
(Compressor End or Generator End)

INSPECTIONS & CHECKS				CODE	
				X	Work Carried Out
Bolt Covers & Screws	**NA**	Coupling Runouts		**N**	Not Done
Lockplates	**NA**	Bolt Extension Measurements	**x**	**NA**	Not Applicable
Coupling Bolts/Studs	**x**			**C**	See Comments
Coupling Mating Surface	**x**			**V**	Visual Inspection
Rabbet	**x**			**MP**	Mag. Particle
Dimensional Checks	**x**			**UT**	Ultrasonic
Coupling Flatness				**PT**	Penetrant

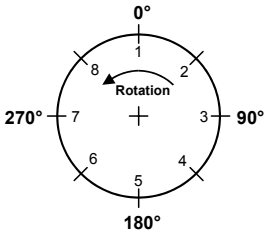


Fig. 1

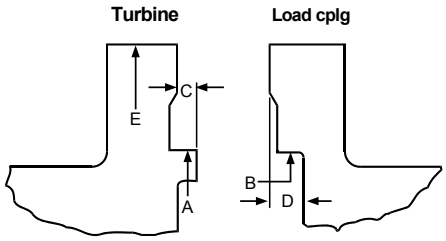


Fig. 2

ST00100a

COUPLING DIMENSIONAL CHECKS Readings in Inches

	Position Number			
	1	2	3	4
Location	0°	45°	90°	135°
Male Rabbet O.D. (A)	18.300	18.300	18.300	18.300
Female Rabbet I.D. (B)	18.297	18.297	18.297	18.297
Rabbet Interference (A-B)	0.003	0.003	0.003	0.003
Male Rabbet Length (C)	1.091	1.090	1.090	1.091
Female Rabbet Depth (D)	0.590	0.590	0.590	0.592
Coupling O.D. (E)	30.625	30.625	30.625	30.625

** Rabbet Interference - Positive value means there is an interference fit.

Comments:

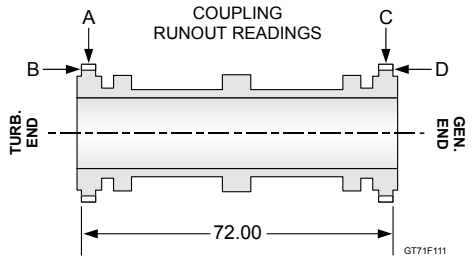
Load Coupling-Cpsr end-as foundLoad to Turbine

INSPECTION REPORT
Gas Turbine Maintenance
MS 7001, 7001F, 9001

Coupling
Load

Date 3/1/2009 Turbine S/N 296436 Prepared by Barody, Jason
FSR # 357T10161 Sketches Enclosed? N Photos Enclosed? N
Data Type Opening

Vendor Serial # **NA** *GE Part #* **NA**



NOTE: Runouts are to be taken at free end after load coupling is final bolted at other end.

COUPLING RUNOUT READINGS			
Turbine End		Generator End	
Rim (A)	Face (B)	Rim (C)	Face (D)
NA	NA	NA	NA

COUPLING INTERFERENCE FIT DIMENSIONS		
	Turbine End	Generator End
Male Dimension		
Female Dimension		
Fit	0.000	0.000

COUPLING BOLT ELONGATION DATA

TURBINE END				GENERATOR END			
Bolt No.	Bolt Length			Bolt No.	Bolt Length		
	Initial	Final	Elongation		Initial	Final	Elongation
A1-1	10.730	10.745	0.015	Not Disassembled			
A1-2	10.730	10.744	0.014	Not Disassembled			
A2-1	10.732	10.746	0.014	Not Disassembled			
A2-2	10.729	10.736	0.007	Not Disassembled			
A3-1	10.730	10.744	0.014	Not Disassembled			
A3-2	10.731	10.747	0.016	Not Disassembled			
A4-1	10.729	10.743	0.014	Not Disassembled			
A4-2	10.730	10.744	0.014	Not Disassembled			
A5-1	10.733	10.747	0.014	Not Disassembled			
A5-2	10.731	10.745	0.014	Not Disassembled			
A6-1	10.733	10.746	0.013	Not Disassembled			
A6-2	10.726	10.741	0.015	Not Disassembled			
A7-1	10.729	10.743	0.014	Not Disassembled			
A7-2	10.737	10.751	0.014	Not Disassembled			
A8-1	10.732	10.747	0.015	Not Disassembled			
A8-2	10.733	10.747	0.014				
A9-1	10.732	10.746	0.014				
A9-2	10.735	10.749	0.014				

Comments:	

Load Cpl GT5015(a)

GENERATOR STATOR

End Shield

Assembly;

The generator stator hardware was inspected during this outage per TIL - 1398-2R1. A GE Generator Specialist performed this inspection and found no major issues. The area was cleaned with denatured alcohol. Refer to generator report for further details.

End Shield

Assembly;

All the old endshield sealant was removed and new DOW Corning Fluorosilicone was pumped into the TE and CE end shields. After the outage a generator air test was completed and was satisfactory.

End Shield

Assembly; TE and CE

The TE and CE outer end shields (upper and lower) were removed during the outage in order to remove the Generator field. The components were cleaned and inspected for damage. The overall condition was good.

End Shield

Hydrogen Seal Casing; TE and CE

The hydrogen seal casings for each end of the generator were removed during the outage. Each was cleaned and visually inspected for damage. The collector end casing when bolted together had a step in the joint between the upper and lower half. Honing the sealing surface joint rectified this issue.

The hydrogen seals were also cleaned and inspected during the outage. These seals are the bolted style. A contact check was performed between the sealing surface of the hydrogen seals and the seal casing. The TE and CE were lapped in as an assembly. The final 100% contact check of .125" was achieved and a picture was taken of each seal for documentation.

GENERATOR STATOR

Stator

Bearing; T3 and T4

The generator bearings were removed during the outage. Each was cleaned and inspected for wear, damage, and clearance and babbitt separation. Both were found to have babbitt issues and were also missing a T/C. The bearings were shipped to a certified GE service center for repair. The bearings returned to site and were visually inspected. The bearings were reinstalled in the generator and a final pinch check was performed. All checks were within GE specification.

Stator

Oil Deflector; T3 and T4

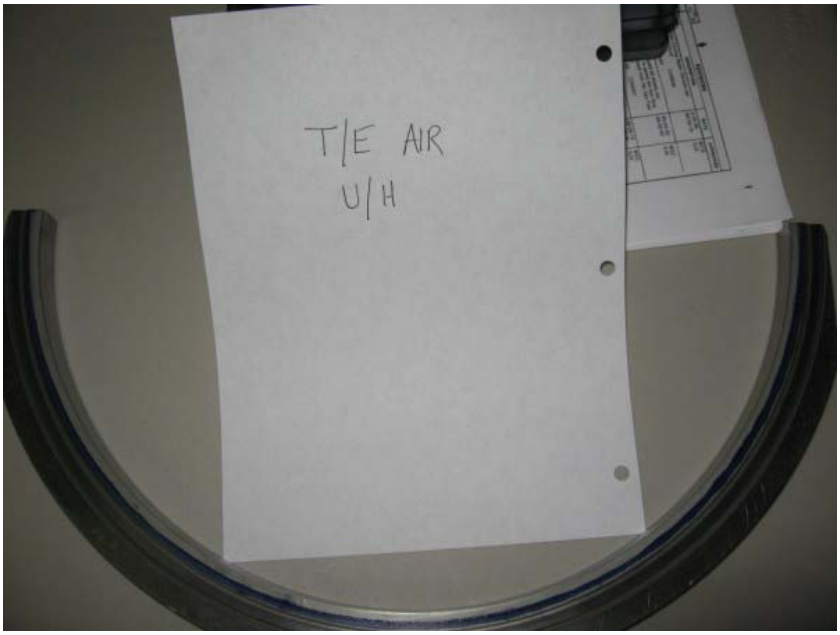
The inner and outer oil deflectors were removed from each end of the generator during the outage. Each was cleaned and dimensionally checked per drawing. No defects were noted. During reassembly the oil deflectors were installed and set to the proper clearance per the generator clearance diagram. Refer to the attached data sheets for further details.

Stator

Shield; Inner Gas Shields

The CE inner gas shield were removed, cleaned and inspected during the outage. The inner gas shield was found free of defects.

GENERATOR STATOR



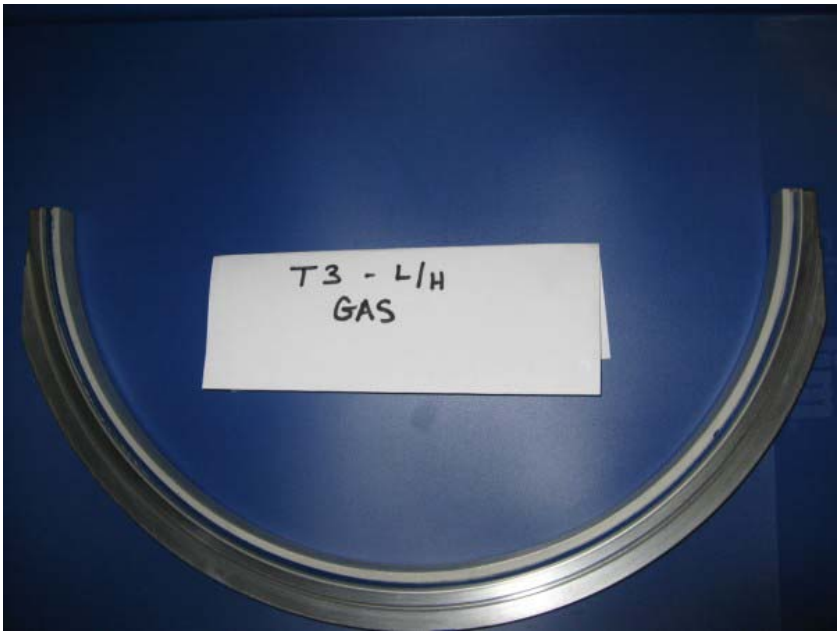
TE UH Air Seal

GENERATOR STATOR

TE LH Air Seal

GE Energy Services

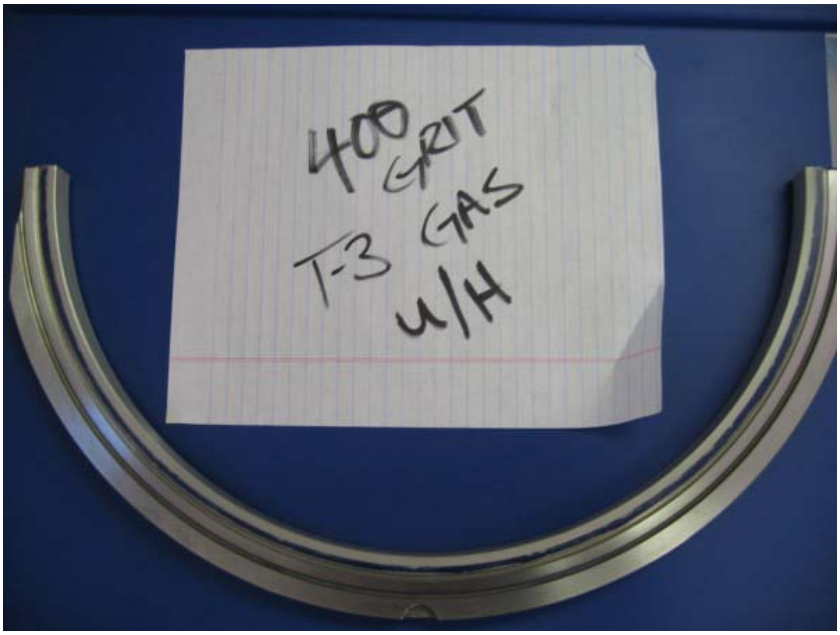
GENERATOR STATOR



TE LH Gas Seal

GE Energy Services

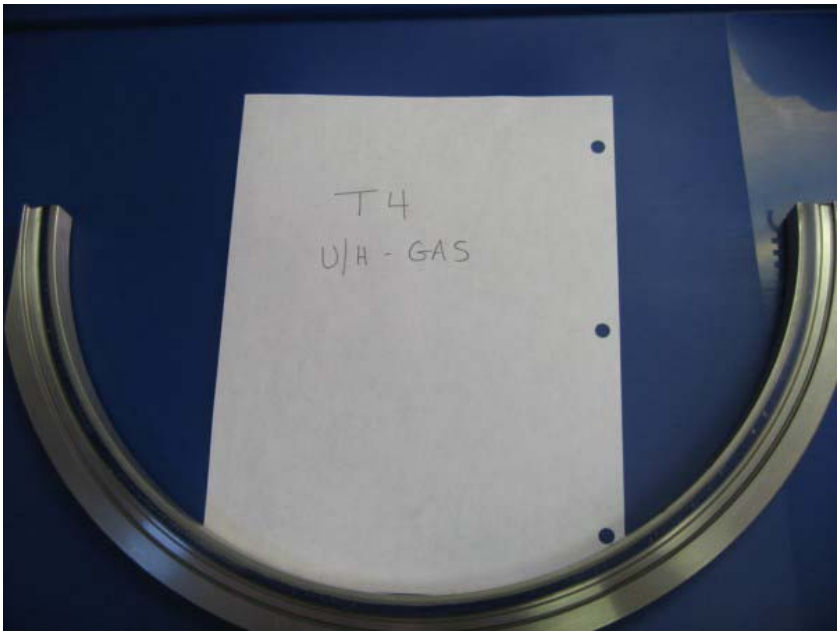
GENERATOR STATOR



TE UH Gas Seal

GE Energy Services

GENERATOR STATOR



CE UH Gas Seal

GENERATOR STATOR

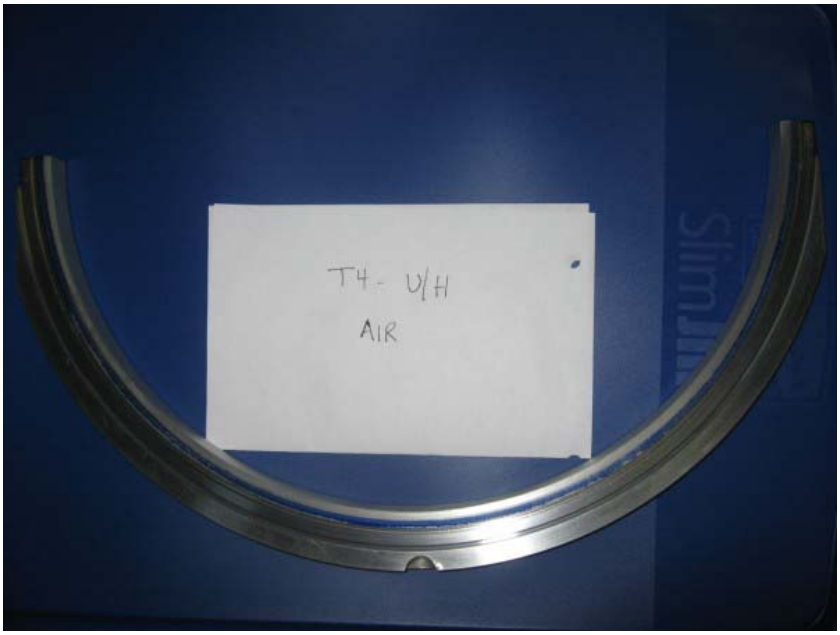
CE LH Gas Seal

GENERATOR STATOR

CE LH Air Seal

GE Energy Services

GENERATOR STATOR



CE UH Air Seal

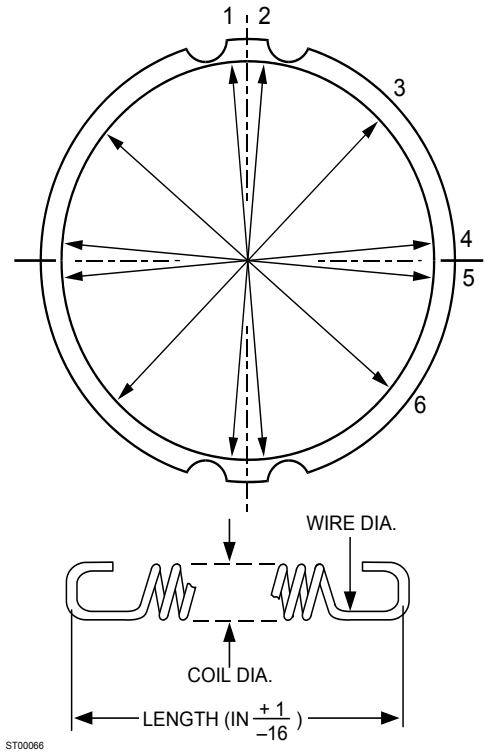
Seal Oil System

Date(m,d,y) 2/9/2009 Serial No. 337X011 Prepared by Barody, Jason

INSPECTIONS & CHECKS			
Main Seal Oil Pump		Seal Oil Press. Gages	
Emerg. Seal Oil Pump		at Unit Centerline	
Gas Side Drain Float,		High Level Alarm on Hydrogen	
Trap and Valves		Detraining Tank	
Vacuum Pump		Gage Calibration	
Drain Enlargement		Seal Casing Assembly	
Relief Valves		* Joint Clearances	
Liquid Detectors		* Oil Grooves Clear?	
and Alarm		Pressure Switches	
Auto Pump Start &		Motor to Pump Align.	
Alarm Test		Clean Feed Line	
Regulating Valves		Strainer	
Oil Filters			

CODE		
X	-	Work Carried Out
N	-	Not Done
NA	-	Not Applicable
C	-	See Comments
V	-	Visual Inspection
S	-	Satisfactory
U	-	Unsatisfactory

SYSTEM TYPE _____
(Vacuum or Scavenging)

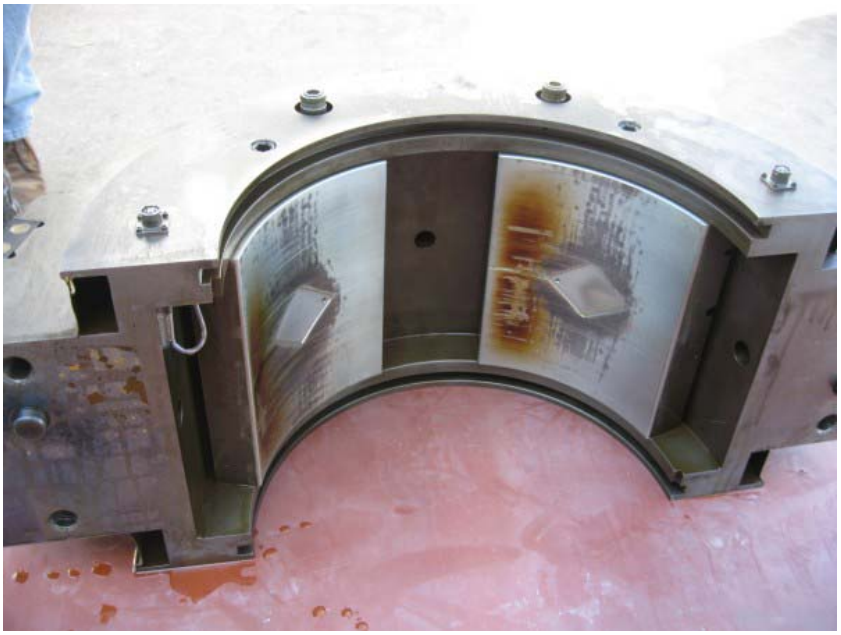


SEAL MEASUREMENTS (TO NEAREST .001")				
	TURBINE END		COLL. END	
POSITION	AIR	HYD	AIR	HYD
1	16.008	16.002	16.012	16.008
2	16.008	16.002	16.013	16.008
3	16.009	16.004	16.011	16.006
4	16.011	16.009	16.006	16.005
5	16.012	16.009	16.008	16.006
6	16.009	16.005	16.011	16.008
AVERAGE	16.010	16.005	16.010	16.007
SHAFT DIA.	16.000	16.000	16.000	16.000
CLEARANCE	0.009	0.005	0.010	0.007

HYDROGEN SEAL SPRING MEASUREMENTS				
	TURBINE END		COLL. END	
	UPPER	LOWER	UPPER	LOWER
LENGTH (IN.±1/16)	27.250	27.125	27.125	27.187
WIRE DIA.	0.120	0.120	0.120	0.120
COIL DIA.	0.615	0.611	0.611	0.610
GRADIENT (#/IN)				

Testing Data
a. Seal Oil Flow _____ G.P.M.
b. Hydrogen Pressure _____ P.S.I.
c. Unit Speed _____ R.P.M.

H2 Seal Inspection D316501(a)



CE LH bearing - as found

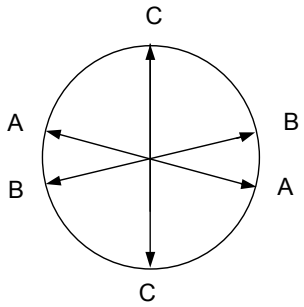
Generator Bearing prior to installation

Generator Oil Slingers
FINAL

Journal Bearing
Oil Ring Clearances

Date 2/11/2009 Turbine Serial No. 296436 Prepared by Barody, Jason

INSPECTIONS & CHECKS				CODE	
Ring Inspected	X			**X**	Work Carried Out
Journals Inspected	X			**N**	Not Done
				NA	Not Applicable
				C	See Comments
				V	Visual Inspection
				MP	Mag. Particle
				UT	Ultrasonic
				PT	Penetrant



Location	Oil Rings			Journal	Clearance			Condition
Number	A-Dia	B-Dia	C-Dia	Dia	Average	Min.	Max.	Comment
T3 Outer	16.020	16.018	16.012	15.999	0.018	0.013	0.021	Visually OK
T3 Inner	16.018	16.019	16.010	15.999	0.017	0.011	0.020	Visually OK
T4 Outer	16.011	16.011	16.009	15.999	0.011	0.010	0.012	Visually OK
T4 Inner	16.015	16.016	16.003	15.999	0.012	0.004	0.017	Visually OK

Comments:
Springs were in good condition and no serious signs of any defects on the oil seals. Seals were cleaned and reinstalled.

Generator Oil Seals- FinalFinal

CONFIDENTIAL MATERIAL REDACTED

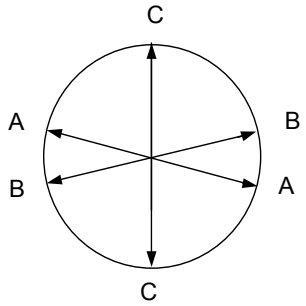
BATES STAMPED PAGES 622

Oil Deflector

As Found ***GENERATOR***

Date 2/9/2009 Turbine Serial No. 296436 Prepared by Barody, Jason

INSPECTIONS & CHECKS	CODE	
	X	Work Carried Out
	N	Not Done
	NA	Not Applicable
	C	See Comments
	V	Visual Inspection
	MP	Mag. Particle
	UT	Ultrasonic
	PT	Penetrant



Location	Oil Deflector				Clearance			Condition
Number	A-Dia	B-Dia	C-Dia		Average	Min.	Max.	Comment
T4 Outer	18.026	18.023	18.024	18.000	0.0243	0.0230	0.0260	Slightly worn
T4 Outer	18.026	18.027	18.026	18.000	0.0263	0.0260	0.0270	Slightly worn
T3 Outer	18.009	18.015	18.032	18.000	0.0187	0.0090	0.0320	Slightly worn
T3 Outer	18.012	18.016	18.030	18.000	0.019	0.012	0.030	Slightly worn

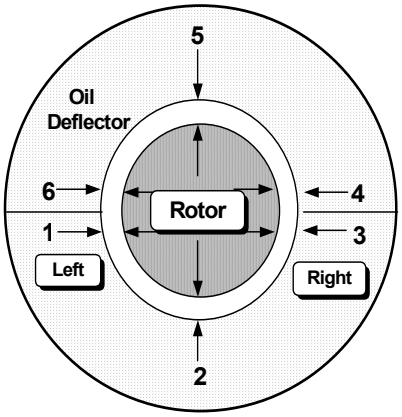
Comments:

Generator Oil Deflector TE AND CETE

INSPECTION REPORT
Gas Turbine Maintenance
MS 3002, 5001, 5002, 6001, 7001, 7001F, 9001, 9001F

Bearings
Oil Deflectors, Alignment

Date	02/08/2009	Turbine S/N	296436	Prepared by	Barody, Jason
FSR #	357T1061	Sketches Enclosed?	NO	Photos Enclosed?	
		Data Type	AS FOUND		



Deflector	POSITION (Mils)						CLEARANCE			IDEAL POSITION		
Location	1	2	3	4	5	6	Median	Min.	Max	Top	Bottom	Sides
T4 Outer	0.006	0.002	0.008	0.006	0.024	0.004	0.006	0.002	0.024	0.017	0.009	0.006
T4 Inner	0.016	0.013	0.015	0.015	0.018	0.016	0.016	0.013	0.018	0.021	0.010	0.016
T3 Outer	0.005	0.005	0.003	0.004	0.027	0.004	0.005	0.003	0.027	0.021	0.011	0.004
T3 Inner	0.017	0.003	0.016	0.017	0.032	0.019	0.017	0.003	0.032	0.023	0.012	0.017

Comments:

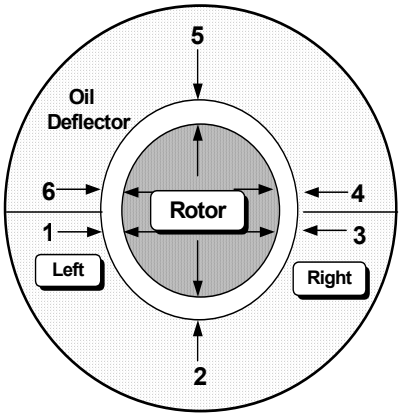
Bearing Cap - Pinch C/E = 0.001"
Bearing Cap - Pinch T/E = 0.002"

GT2125 Oil Deflector AlignAs Found

INSPECTION REPORT
Gas Turbine Maintenance
MS 3002, 5001, 5002, 6001, 7001, 7001F, 9001, 9001F

Bearings
Oil Deflectors, Alignment

Date	2/22/2009	Turbine S/N	296436	Prepared by	Barody, Jason
FSR #	357T1061	Sketches Enclosed?	NO	Photos Enclosed?	
		Data Type	FINAL		



Deflector	POSITION (Mils)						CLEARANCE			IDEAL POSITION		
Location	1	2	3	4	5	6	Median	Min.	Max	Top	Bottom	Sides
T4 Outer	0.010	0.005	0.010	0.012	0.024	0.008	0.010	0.005	0.024	0.019	0.010	0.010
T4 Inner	0.016	0.011	0.015	0.015	0.020	0.016	0.016	0.011	0.020	0.021	0.010	0.016
T3 Outer	0.005	0.005	0.003	0.004	0.027	0.004	0.005	0.003	0.027	0.021	0.011	0.004
T3 Inner	0.017	0.012	0.016	0.017	0.023	0.019	0.017	0.012	0.023	0.023	0.012	0.017

Comments:

Bearing Cap - Pinch C/E = 0.001"
Bearing Cap - Pinch T/E = 0.002"

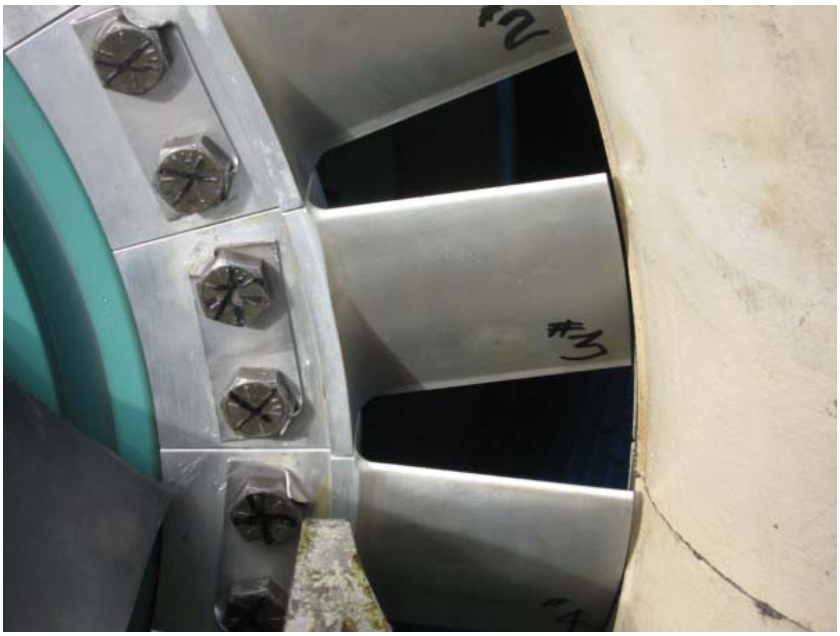
GT2125 Oil Deflector AlignFinal

GENERATOR FIELD

Fan

Fan Blade; TE and CE

The TE and CE fan blades were removed during the outage in order to remove the inner gas shields. Each fan blade numbered, cleaned and visually inspected for damage. No defects were found. The blades were reinstalled on the field with new lock plates and torqued.



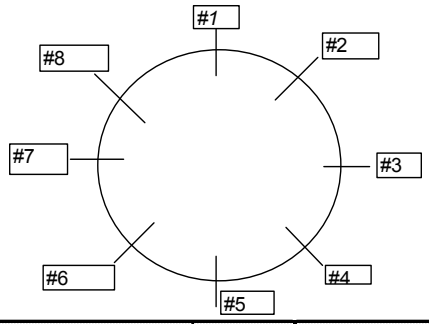
CE Fan Blades

Collector End Fan Tip Clearances

As Found ***GENERATOR***

Date 2/8/2009 Turbine Serial No. 296436 Prepared by Barody, Jason

INSPECTIONS & CHECKS		CODE	
		X	Work Carried Out
		N	Not Done
		NA	Not Applicable
		C	See Comments
		V	Visual Inspection
		MP	Mag. Particle
		UT	Ultrasonic
		PT	Penetrant



Location Number	Clearance				Clearance			Condition Comment
					Average	Min.	Max.	
1	0.073							
2	0.072							
3	0.063							
4	0.043							
5	0.042							
6	0.051							
7	0.056							
8	0.062							
9	0.051							
10	0.055							

Comments:	

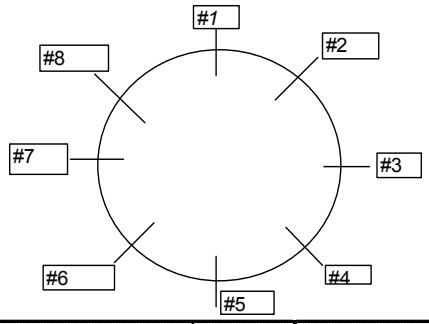
Generator End Fan Tip ClearancesCE As Found

Collector End Fan Tip Clearances

CLOSING OR FINAL ***GENERATOR***

Date 2/21/2009 Turbine Serial No. 296436 Prepared by Barody, Jason

INSPECTIONS & CHECKS	CODE	
	X	Work Carried Out
	N	Not Done
	NA	Not Applicable
	C	See Comments
	V	Visual Inspection
	MP	Mag. Particle
	UT	Ultrasonic
	PT	Penetrant



Location Number	Clearance				Clearance Average	Clearance Min.	Clearance Max.	Condition Comment
1	0.038							
2	0.039							
3	0.033							
4	0.040							
5	0.041							
6	0.045							
7	0.030							
8	0.036							
9	0.044							
10	0.045							

Comments:

Blade tip clearance specifications per 108E6916: 0.030-0.090"

Generator End Fan Tip ClearancesCE FINAL

TURBINE ALIGNMENT & CLEARANCES

Alignment - Coupling

Summary; Generator to Turbine

An alignment check was performed at re-assembly, by rotating both shafts and reading the generator. The results were compared to the latest design values per TIL 1611. The generator was then moved to correct the mis-alignment per the GE field alignment instructions. GE verified the final alignment readings. The results of the inspection are documented on the following pages.

Alignment - Coupling

Summary; Turning Gear

An alignment check was performed at reassembly, by rotating the turning gear and reading the generator. The results were compared to design values and indicated the turning gear was mis-aligned. The turning gear was then moved in order to achieve the recommended specification, per the GE field alignment instructions. GE verified the final alignment readings. The results of the inspection are documented on the following pages.

Clearances - Turbine

Summary;

An opening and closing turbine rotor clearance check was performed and results were compared to design values. All measurements indicate that the clearances are acceptable and most are within the recommended tolerances on GE drawing 201E3476. The opening thrust measurement was recorded at 0.017" while the closing was recorded at 0.015".

A detailed report of the opening and closing clearances can be found on the GE turbine rotor clearances inspection form. The unit rotor was thrust against the "XA" face as noted in the clearance drawing and the nozzles were wedged downstream before measurements were recorded.

GE Energy Services

TURBINE ALIGNMENT & CLEARANCES

Clearances - Compressor

Summary:

An opening and closing compressor rotor clearance check was performed and results were compared to design values. All measurements indicate that the clearances are acceptable and most are within the recommended tolerances on GE drawing 201E3476. A detailed report of the opening and closing clearances can be found on the GE compressor rotor clearances inspection form.

INSPECTION REPORT
Gas Turbine Maintenance

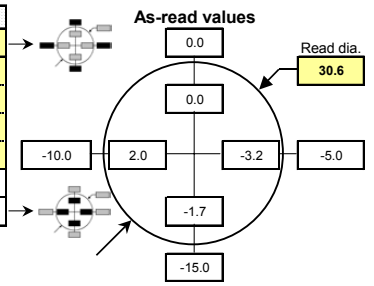
Alignment (a)
Data Collection Sheet

Date 13-Mar-09 | Serial Number 296436 | Prepared by Barody, Jason
FSR # 357T1061 | Sketches Enclosed? N | Photos Enclosed? N
Data Type Closing

Alignment Readings (Insert as-read values in mils)

Position	Top	Left	Bottom	Right
Rim	0.0	-10.0	-15.0	-5.0
Face 0º	787.0	787.0	782.0	782.0
Face 90º	772.0	776.0	771.0	769.0
Face 180º	776.0	778.0	776.0	774.0
Face 270º	741.0	743.0	740.0	738.0
Average	769.0	771.0	767.3	765.8
Relative	0.0	2.0	-1.7	-3.2

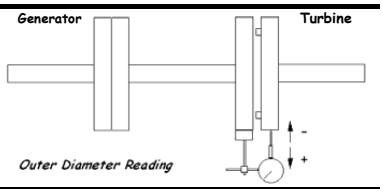
Check	Face	Rim
Top + Bottom=	-1.7	-15.0
Right + Left =	-1.2	-15.0
Difference=	0.5	0.0



Christmas tree mounted on: Generator
Reading coupling of: Turbine

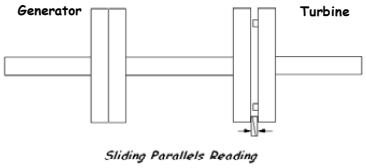
Reading Configuration for Rim (select one) (1)
- ☐ Dial Indicator reading OD
- ☒ Dial Indicator reading OD (2)
- ☐ Dial Indicator reading ID
- ☐ Extended OD reading
- ☐ Extended ID reading

Sign convention: **Standard**



Reading Configuration for Face (select one) (2)
- ☐ Dial Indicator with positive float reading
- ☐ Dial Indicator with positive float reading (2)
- ☐ Dial Indicator with positive float reading (3)
- ☐ Dial Indicator with negative float reading
- ☒ Sliding Parallels at four points

Sign convention: **Inverted**



NOTES:
1. Rim readings reflect indicator riding at coupling OD or on male rabbet; if indicator rides on female rabbet, the sign convention is Inverted.
2. Face readings reflect indicator riding at coupling face. For sliding parallels, sign convention is Inverted.
3. Fill in cells in yellow with values.

Comments
View is towards generator from turbine

Generator Alignment Final report(a)

INSPECTION REPORT
Gas Turbine Maintenance
MS 7001FA

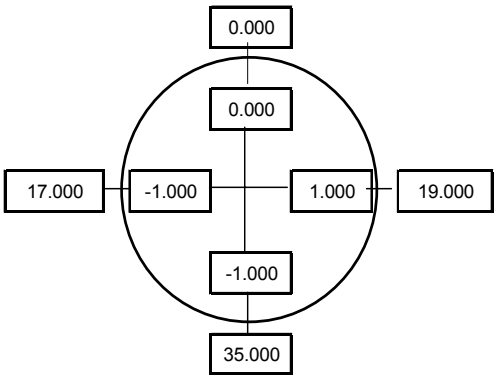
Alignment
Turning Gear

Date 3/14/2009 | Turbine S/N 296436 | Prepared by Barody, Jason
FSR # 357T1061 | Sketches Enclosed? N | Photos Enclosed? N
Data Type Final

Alignment Readings (Insert readings in (mils)

Position	Top	Left	Bottom	Right
Rim	0	17.000	35.000	19.000
Face 0º	0.000	-1.000	-1.000	1.000
Face 90º	0.000	-1.000	-1.000	1.000
Face 180º	0.000	-1.000	-1.000	1.000
Face 270º	0.000	-1.000	-1.000	1.000
Average	0.000	-1.000	-1.000	1.000
Relative	0.000	-1.000	-1.000	1.000

Check	**Face**	**Rim**
Top + Bottom=	-1.000	35.000
Right + Left =	0.000	36.000
Difference=	-1.000	-1.000



Sweep Diameter (Inches): **12"**

Indicator Mounted on: TG reading Generator

NOTE:
1. Checks to be made in direction of turbine flow.
2. "Rim" readings should reflect indicator riding at coupling OD or on male rabbet; if indicator rides on female rabbet, the sign conventions must be changed.

Comments	
Final alignment on turning gear coupling. Axial dimension set at 7.896"	

GT1005 Turning Gear Alignment FINALFinal

GE Energy Services

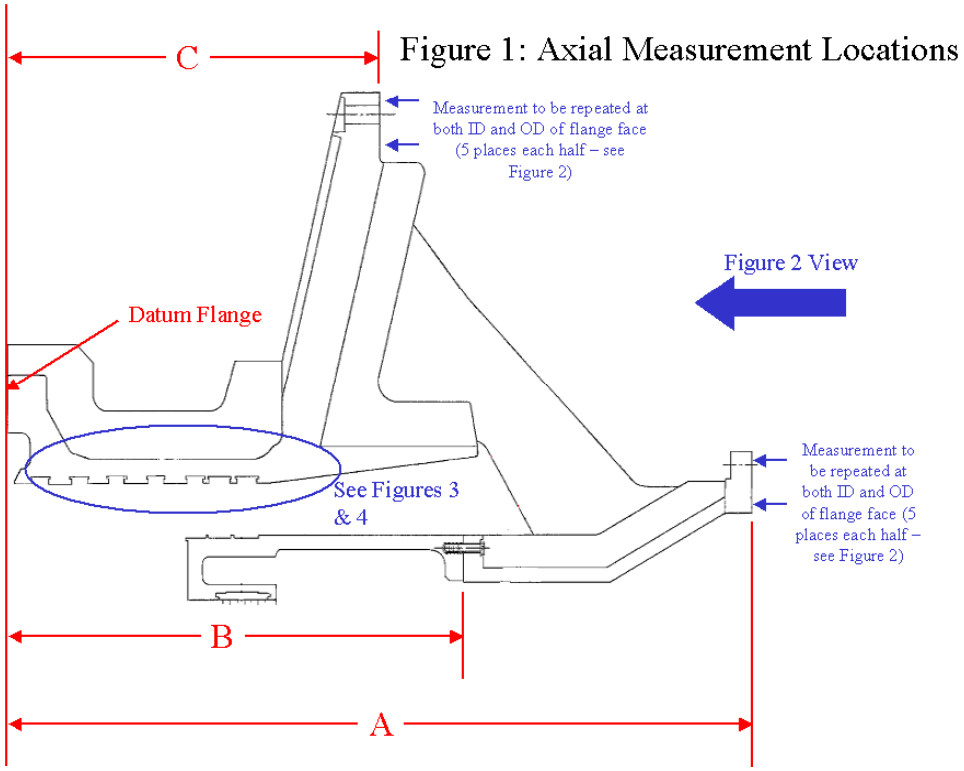
ALIGNMENT & CLEARANCE OVERVIEW

An opening and closing turbine rotor clearance check was performed and results were compared to design values. All measurements indicate that the clearances are acceptable and most are within the recommended tolerances on GE drawing 201E3476. The opening and closing thrust measurements were recorded at 0.017" and 0.015" respectively. A detailed report of the opening and closing clearances can be found on the GE turbine rotor clearances inspection form. The unit rotor was thrust against the "XA" face as noted in the clearance drawing and the nozzles were wedged downstream before measurements were recorded.

An opening and closing compressor rotor clearance check was performed and results were compared to design values. All measurements indicate that the clearances are acceptable and most are within the recommended tolerances on GE drawing 201E3476. A detailed report of the opening and closing clearances can be found on the GE compressor rotor clearances inspection form.

The alignment between the turbine and generator was checked at reassembly. The generator was moved in order to correct the alignment issues. Finally, the turning gear was aligned to the generator. The final alignment data can be review in this report.

TECO POLK



AS FOUND - Readings

	Left Side	Right Side
A	77.197	77.189
B	46.731	46.717
C	39.755	39.745

DWG -Specs

	Left Side	Right Side
A	77.160	77.160
B	46.687	46.687
C	39.700	39.700

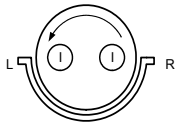
CDC Creep MeasurementCDC Creep

INSPECTION REPORT
Gas Turbine Maintenance

MS 7001, 7001F, 9001

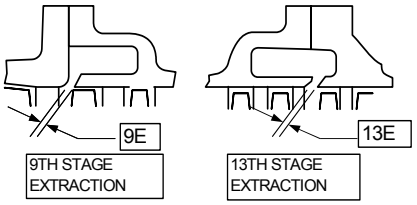
Compressor
Rotor Clearances

Date 2/5/2009 | Turbine S/N 296436 | Prepared By Barody, Jason
FSR # 357T1061 | Sketches Enclosed? NO | Photos Enclosed? no
Data Type Opening / Closing

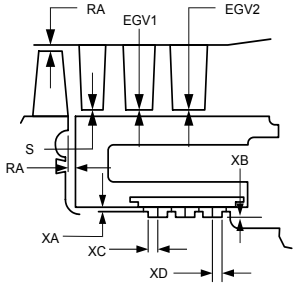


POSITION 1 WITH #1 BOLT HOLE OF COMP ROTOR AT LEFT

NOTE:
1. All axial clearances are measured with rotor against the loaded thrust face. Refer to EM5260 to confirm rotor position.
2. Refer to clearance diagram for specified dimensions.
3. Take readings with rotor positioned as follows:
   a. Position 1L with #1 bolt hole of comp. rotor at left horizontal joint.
   b. Position 1R with #1 bolt hole of comp. rotor at right horizontal joint.



ROTOR-STATOR BLADE & AIR SEALING CLEARANCES



	OPENING		CLOSING	
STG	1L	1R	1L	1R
R0	0.054	0.064	0.059	0.076
S0	0.029	0.030	0.029	0.031
R1	0.071	0.054	0.054	0.061
S1	0.053	0.042	0.050	0.057
R2	0.054	0.059	0.053	0.065
S2	0.066	0.054	0.058	0.054
R3	0.067	0.064	0.080	0.082
S3	0.069	0.066	0.065	0.071
R4	0.068	0.064	0.059	0.066
S4	0.061	0.064	0.057	0.066
R5	0.073	0.064	0.063	0.064
S5	0.070	0.062	0.055	0.067
R6	0.070	0.066	0.060	0.065
S6	0.073	0.073	0.056	0.067
R7	0.072	0.069	0.061	0.066
S7	0.074	0.071	0.055	0.061
R8	0.073	0.068	0.056	0.066
S8	0.075	0.072	0.053	0.058
R9	0.077	0.077	0.067	0.072
S9	0.087	0.074	0.066	0.072

	OPENING		CLOSING	
STG	1L	1R	1L	1R
R10	0.076	0.078	0.064	0.073
S10	0.086	0.072	0.067	0.070
R11	0.076	0.081	0.064	0.073
S11	0.073	0.074	0.049	0.070
R12	0.095	0.081	0.060	0.067
S12	0.086	0.074	0.061	0.079
R13	0.072	0.078	0.062	0.079
S13	0.062	0.076	0.059	0.078
R14	0.078	0.087	0.078	0.088
S14	0.075	0.074	0.075	0.095
R15	0.088	0.086	0.075	0.087
S15	0.071	0.070	0.078	0.075
R16	0.085	0.074	0.076	0.079
S16	0.088	0.081	0.082	0.085
R17	0.089	0.081	0.076	0.086
S17WF	0.030	0.033	0.034	0.034
S17WA	0.034	0.040	0.030	0.042
S17YA	0.050	0.055	0.084	0.060

	OPENING		CLOSING	
	1L	1R	1L	1R
E1WF	0.033	0.035	0.051	0.035
E1WA	0.033	0.036	0.028	0.035
E1YF	0.040	0.044	0.036	0.034
E1YA	0.040	0.044	0.082	0.074
E2WF	0.034	0.034	0.039	0.028
E2WA	0.035	0.030	0.036	0.035
E2YF	0.055	0.060	0.058	0.066
E2YA	0.055	0.055	0.053	0.044
RA	0.268	0.274	0.302	0.301
XA	0.075	0.080	0.045	0.040
9E	0.610	0.610	0.614	0.616
13E	0.685	0.685	0.688	0.678

R2 Base - S2 Tip
R3 Base - S3 Tip

	OPENING		CLOSING	
	1L	1R	1L	1R
R2-S2	0.256	0.307	0.438	0.355
R3-S3	0.354	0.360	0.370	0.403
X	0.127	0.112	0.101	0.094

Comments:

NOTE: New Turbine Rotor installed at HSC and rotor was moved upstream .036" to correct A-set

INSPECTION REPORT
Gas Turbine Maintenance

MS7001F

Alignment

R0 Tip Clearances-Opening

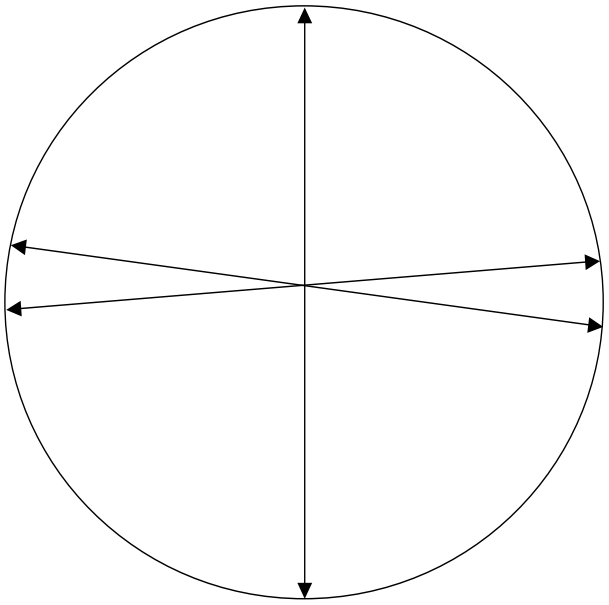
Date	02/02/09	Turbine S/N	296436	Prepared by	Barody, Jason
FSR #	357T1061	Sketches Enclosed?	N	Photos Enclosed?	N

R0 Tip Clearances are to be measured and recorded below. All views with turbine flow.

Opening Positioning Checks (Disassembly)	**O**	X
Closing Positioning Checks (Reassembly)	**C**	

Rub ring "X" x LHS, x RHS

Leading 0.117
Middle 0.120
Trailing 0.134



Leading 0.095
Middle 0.096
Trailing 0.106

Leading 0.094
Middle 0.100
Trailing 0.107

Leading 0.091
Middle 0.096
Trailing 0.107

Leading 0.092
Middle 0.094
Trailing 0.110

Leading 0.100
Middle 0.104
Trailing 0.116

Comments:

Readings taken on RO blade # 1 follwing it around with lift oil on.

R0- 6 POINT OPENING AND CLOSING CLEARANCESOpening

INSPECTION REPORT
Gas Turbine Maintenance

MS7001F

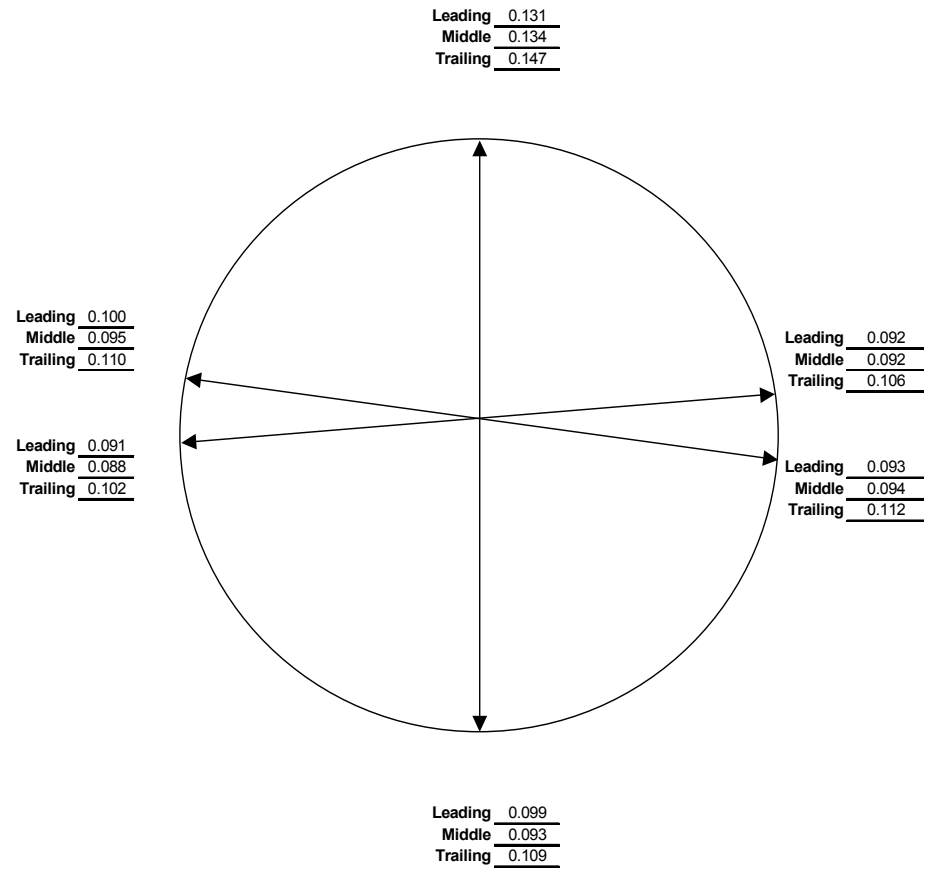
Alignment

R0 Tip Clearances - Closing

Date		Turbine S/N	296436	Prepared by	Barody, Jason
FSR #	357T1061	Sketches Enclosed?	N	Photos Enclosed?	N

R0 Tip Clearances are to be measured and recorded below. All views with turbine flow.

Opening Positioning Checks (Disassembly)	**O**	
Closing Positioning Checks (Reassembly)	**C**	X



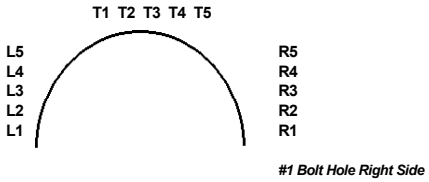
Comments:	
Readings taken following a single blade with lift oil on.	

R0- 6 POINT OPENING AND CLOSING CLEARANCESClosing

INSPECTION REPORT
Gas Turbine Maintenance
MS7001FA

Rotor Clearances
R13 Compressor - Opening

Date 02/05/09 | Turbine S/N 296436 | Prepared by Barody, Jason
FSR # 357T1061 | Unit # 1 | Customer TECO Polk



#1 Bolt Hole Right Side

Left Side			Top			Right Side		
Position	Leading Edge	Trailing Edge	Position	Leading Edge	Trailing Edge	Position	Leading Edge	Trailing Edge
L1	0.103	0.100	T1	0.140	0.128	R1	0.095	0.088
L2	0.107	0.105	T2	0.139	0.126	R2	0.099	0.092
L3	0.112	0.017	T3	0.134	0.124	R3	0.101	0.094
L4	0.117	0.111	T4	0.134	0.124	R4	0.102	0.099
L5	0.119	0.116	T5	0.132	0.123	R5	0.102	0.099

Comments:

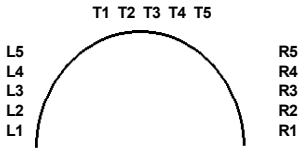
Upper Half CDC Installed & Tight
5 Blades on Left Side Starting at Upper Horizontal Joint
5 Blades on Right Side Starting at Upper Horizontal Joint
5 Blades on Top - Top Center Blade & 2 Blades on Each Side

R13 Tip Clr Open and ClosingR13 Rtr Open

INSPECTION REPORT
Gas Turbine Maintenance
MS7001FA

Rotor Clearances
R13 Compressor - Closing

Date 03/10/09 Turbine S/N 296436 Prepared by Barody, Jason
FSR # 357T1061 Unit # 1 Customer TECO Polk



#1 Bolt Hole Right Side

Left Side			Top			Right Side		
Position	Leading Edge	Trailing Edge	Position	Leading Edge	Trailing Edge	Position	Leading Edge	Trailing Edge
L1	0.109	0.107	T1	0.156	0.151	R1	0.108	0.102
L2	0.113	0.110	T2	0.157	0.150	R2	0.109	0.104
L3	0.119	0.114	T3	0.157	0.150	R3	0.111	0.109
L4	0.126	0.118	T4	0.157	0.148	R4	0.119	0.114
L5	0.127	0.120	T5	0.157	0.148	R5	0.122	0.114

Comments:

Upper Half CDC Installed & Tight
5 Blades on Left Side Starting at Upper Horizontal Joint
5 Blades on Right Side Starting at Upper Horizontal Joint
5 Blades on Top - Top Center Blade & 2 Blades on Each Side

R13 Tip Clr Open and ClosingR13 Rtr Closing

INSPECTION REPORT
Gas Turbine Maintenance

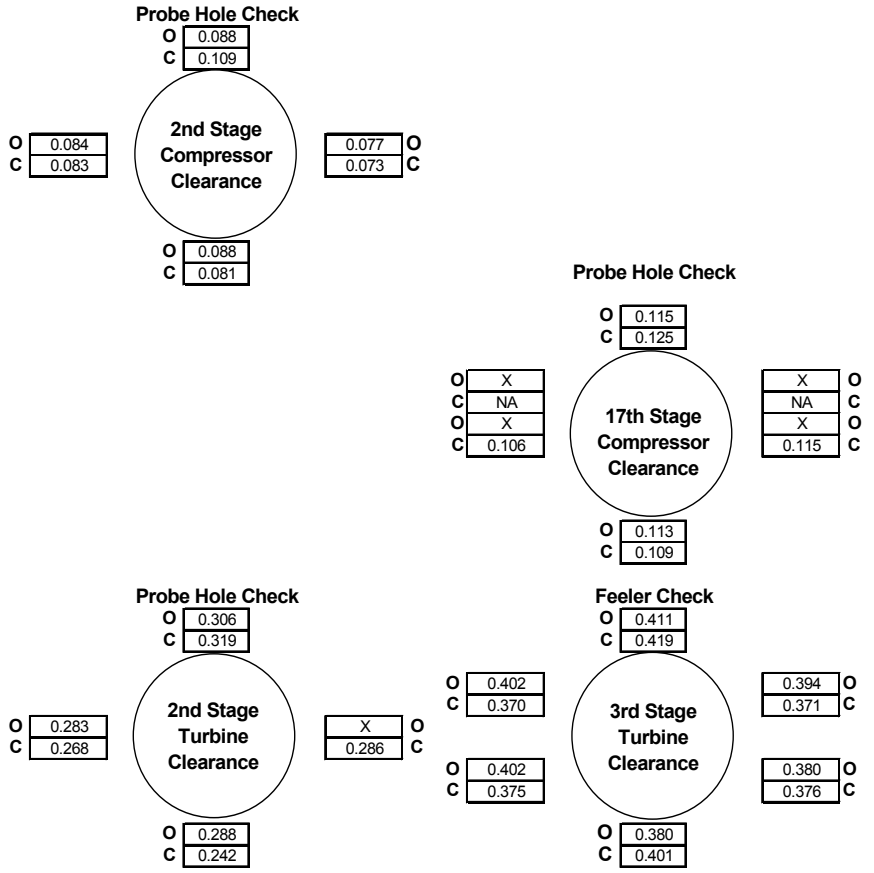
MS7001F

Alignment
Rotor Position

Date	2/03/09	Turbine S/N	296436	Prepared by	Barody, Jason
FSR #	357T1061	Sketches Enclosed?	N	Photos Enclosed?	N

Rotor Tip Clearances are to be measured and recorded below. All views with turbine flow.

Opening Positioning Checks (Disassembly)	O	02/02/09
Closing Positioning Checks (Reassembly)	C	3/14/09



Comments:	

X - Broken plug

GT Rotor Position Final(a)

INSPECTION REPORT
Gas Turbine Maintenance

MS7001F, MS9001F

Turbine
Turbine Rotor Clearances

Date 2/5/2009 | Turbine S/N 296436 | Prepared by Barody, Jason
FSR # 357T1061 | Sketches Enclosed? N | Photos Enclosed? N
Data Type OPENING / CLOSING

All axial clearances are measured with rotor against the loaded thrust face. Refer to EM5260 to confirm rotor position.

Record all readings in Mils

1ST STAGE S/N

	OPENING		CLOSING			OPENING		CLOSING	
	Left	**Right**	**Left**	**Right**		**Left**	**Right**	**Left**	**Right**
1N1	0.020	0.025	0.053	0.057					
C	2.258	2.328	2.260	2.300	**1A2**	0.339	0.337	0.380	0.385
1F2	0.276	0.222	0.252	0.206	**1A3**	0.455	0.547	0.500	0.499
1F3	0.427	0.393	0.402	0.400	**1A4**	0.518	0.632	0.537	0.521
1F4	0.268	0.215	0.240	0.211	**1PA**	0.475	0.611	0.469	0.475
1F5	0.525	0.499	0.498	0.495					
E	0.010	0.023	0.016	0.013					
A SET	1.988	1.985	2.001	2.000					
					1PH	0.342	0.352	0.390	0.435
					1PL	0.341	0.346	0.333	0.412
					1R	0.334	0.308	0.270	0.270

2ND STAGE S/N | **3RD STAGE S/N**

	OPENING		CLOSING			OPENING		CLOSING	
	Left	**Right**	**Left**	**Right**		**Left**	**Right**	**Left**	**Right**
2F2	0.340	0.393	0.310	0.386	**3F2**	0.457	0.447	0.415	0.413
2F3	0.586	0.472	0.593	0.630	**3F3**	0.684	0.623	0.693	0.668
2F4	0.632	0.504	0.657	0.686	**3F4**	0.895	0.864	0.925	0.890
2A2	0.420	0.357	0.367	0.425					
2A3	0.430	0.472	0.428	0.432					
2A4	0.757	0.800	0.757	0.750	**3S**	0.351	0.355	0.373	0.387
2PA	0.410	0.434	0.401	0.401	**3SA**	0.546	0.509	0.496	0.480
					3F	0.573	0.524	0.535	0.530
					3A1	0.337	0.295	NA	NA
2PH	0.340	0.336	0.329	0.408	**3A2**	0.845	0.845	0.822	0.815
2PL	0.381	0.356	0.364	0.400	**3A3**	0.259	0.245	NA	NA
2S	0.265	0.251	0.249	0.250					
2SA	0.673	0.632	0.655	0.683					
2F	0.612	0.571	0.724	0.706					

Comments:

Opening thrust---- 0.017"
Closing thrust----.015"

GT9390 Turbine Clearances 1(a)

INSPECTION REPORT
Gas Turbine Maintenance

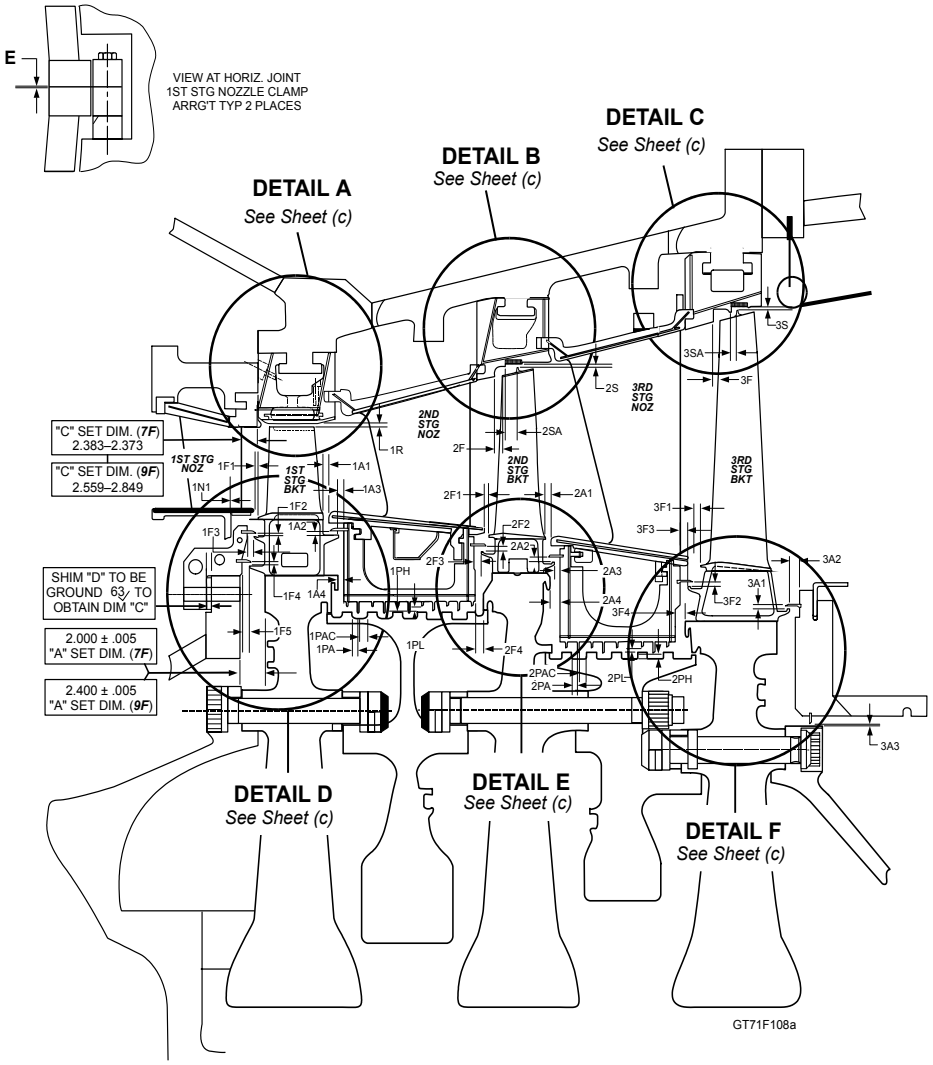
MS7001F, MS9001F

Turbine

Turbine Rotor Clearances

Date _____ Turbine S/N _____ Prepared by _____
FSR # _____ Sketches Enclosed? _____ Photos Enclosed? _____
Data Type _____

All axial clearances are measured with rotor against the loaded thrust face. Refer to EM5260 to confirm rotor position.



GT9390 Turbine Clearances 1(b)

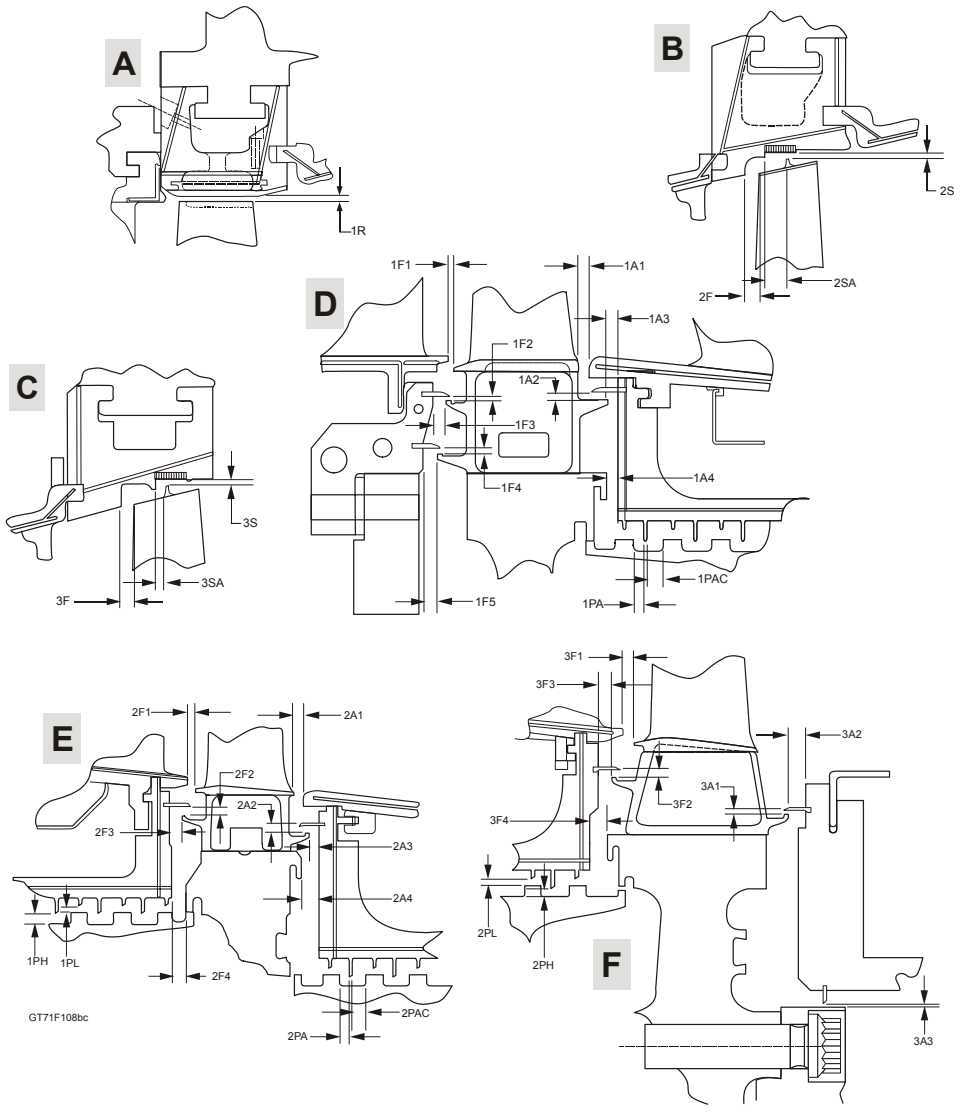
INSPECTION REPORT
Gas Turbine Maintenance

MS7001F, MS9001F

Turbine

Turbine Rotor Clearances

Date _____ Turbine S/N _____ Prepared by _____
FSR # _____ Sketches Enclosed? _____ Photos Enclosed? _____
Data Type _____



GT9390 Turbine Clearances 1(c)

STARTUP COMMENTS

The unit was put on turning gear on 03/20/09 prior to start up on 03/21/09. On 03/21/09 the unit was ready to start the green rotor run in procedure. During the run it was noted that the 90TS valve for the exhaust frame cooling system wasn't opening. The valve was removed from the machine, cleaned and returned to service. The valve was stroked to verify functionality. Then the unit was restarted and completed the green rotor run in procedure on 03/22/2009 at 8:42 PM.

Next, the unit was available for operations. The machine reached base load on liquid fuel without any mechanical or control issues. Finally, the unit was ready to transfer to Syngas. There were some nitrogen pressure switches that needed adjustment prior to the transfer. All in all, the transfer was a success. There were no other GE control or mechanical issues.

APPENDIX

External Attachments

File Name	Description
HGP Serial Numbers.xls	HGP Serial Numbers
Combustion Serial Numbers.xls	Combustion Serial Numbers
Parts Used Final.xls	Parts Used - Final

INSPECTION REPORT
Gas Turbine Maintenance

MS 7001FA

Hot Gas Path

S/N - Nozzles & Shrouds

Date	02/12/09	Turbine S/N	296436	Prepared by	Barody, Jason
FSR #	357T1061	Sketches Enclosed?	N	Photos Enclosed?	No

Part Description	Part Number / Dwg Number (Out)	Serial Number (Out)	Part Number / Dwg Number (In)	Serial Number (In)
1st Stage Nozzle	103E5728 G6	7F003	103E5728 G9	7F015
1st Stage Shrouds	344A6052 G2	M4327	344A6052 G2	M2323
2nd Stage Nozzle	105E8919 G12	M1206	105E8919 G12	GFD013
2nd Stage Shrouds	344A6054 G2	M1032	207C3818 G2	M2813
3rd Stage Nozzle	979E0219 G15	FC015	979E021 G14	GFD190
3rd Stage Shrouds	329A3285 G2	M3895	329A3285 G2	M3050

HGP Serial NumbersHGP Parts

INSPECTION REPORT
Gas Turbine Maintenance
All Frame Sizes

Combustion
Flow Sleeves

Date: 02/10/09 Turbine S/N: 296436 Prepared by: Barody, Jason
FSR #: 357T1061

Instructions: Request the as running part information from the Support Central Site link below.
http://supportcentral.ge.com/scmail/sup_logacase_home.asp?prod_id=25686&case_category_id=18047

Combustion Chamber Number (Out)	Dwg Number / Part Number (Out)	Serial Number (Out)
1	176D3811G005	G6612
2	176D3811G006	G6614
3	176D3811G006	G6613
4	176D3811G008	G6623
5	176D3811G008	G6624
6	176D3811G008	G6619
7	176D3811G008	G6620
8	176D3811G008	G6616
9	176D3811G008	G6617
10	176D3811G008	G6618
11	176D3811G007	G6615
12	176D3811G008	G6621
13	176D3811G008	G6622
14	176D3811G005	G6611

Combustion Chamber Number (In)	Dwg Number / Part Number (In)	Serial Number (In)
1	176D3811G005	G6612
2	176D3811G006	G6614
3	176D3811G006	G6613
4	176D3811G005	G8459
5	176D3811G005	G8458
6	176D3811G005	G8460
7	176D3811G005	G8457
8	176D3811G005	G8447
9	176D3811G005	G8455
10	176D3811G005	G8456
11	176D3811G007	G6615
12	176D3811G008	G6621
13	176D3811G007	G8446
14	176D3811G005	G6611

NOTE: Removed Flow Sleeves #4-10 and # 13 were incorrect and were replaced as part of this outage with the proper group #.

Combustion Serial NumbersFlow Sleeves

INSPECTION REPORT
Gas Turbine Maintenance
All Frame Sizes

Combustion
Fuel Nozzles

Date: 02/10/09 Turbine S/N: 296436 Prepared by: Barody, Jason
FSR #: 357T1061

Instructions: Request the as running part information from the Support Central Site link below.
http://supportcentral.ge.com/scmail/sup_logacase_home.asp?prod_id=25686&case_category_id=18047

Combustion Chamber Number (Out)	Dwg Number / Part Number (Out)	Serial Number (Out)
1	109E9381G001	00001
2	109E9381G001	00003
3	109E9381G001	00005
4	109E9381G001	00006
5	109E9381G001	00002
6	109E9381G001	00009
7	109E9381G001	00010
8	109E9381G001	00011
9	109E9381G001	00012
10	109E9381G001	A36529
11	109E9381G001	00004
12	109E9381G001	A46228
13	109E9381G001	A36527
14	109E9381G001	A36524

Combustion Chamber Number (In)	Dwg Number / Part Number (In)	Serial Number (In)
1	109E9381G002	00014
2	109E9381G002	00002
3	109E9381G002	A36530
4	109E9381G002	00018
5	109E9381G002	00016
6	109E9381G002	00007
7	109E9381G002	00017
8	109E9381G002	00015
9	109E9381G002	A36533
10	109E9381G002	A36523
11	109E9381G002	A36525
12	109E9381G002	A36526
13	109E9381G002	00013
14	109E9381G002	A46229

Combustion Serial NumbersFuel Nozzles

INSPECTION REPORT
Gas Turbine Maintenance
All Frame Sizes

Combustion
Transition Pieces

Date: 02/10/09 Turbine S/N: 296436 Prepared by: Barody, Jason
FSR #: 357T1061

Instructions: Request the as running part information from the Support Central Site link below.
http://supportcentral.ge.com/scmail/sup_logacase_home.asp?prod_id=25686&case_category_id=18047

Combustion Chamber Number (Out)	Dwg Number / Part Number (Out)	Serial Number (Out)
1	979E0269G013	71F0656
2	979E0269G013	71F0642
3	979E0269G013	71F0655
4	979E0269G013	71F0646
5	979E0269G013	71F0645
6	979E0269G013	71F0649
7	979E0269G013	71F0650
8	979E0269G013	71F0647
9	979E0269G013	71F0643
10	979E0269G013	71F0653
11	979E0269G013	71F0648
12	979E0269G013	71F0651
13	979E0269G013	71F0654
14	979E0269G013	71F0644

Combustion Chamber Number (In)	Dwg Number / Part Number (In)	Serial Number (In)
1	979E0269G029	06-04-827
2	979E0269G029	06-04-494
3	979E0269G029	06-04-493
4	979E0269G029	06-04-830
5	979E0269G029	06-04-826
6	979E0269G029	06-04-824
7	979E0269G029	06-04-825
8	979E0269G029	06-04-492
9	979E0269G029	06-04-491
10	979E0269G029	06-04-823
11	979E0269G029	06-04-831
12	979E0269G029	06-04-828
13	979E0269G029	06-04-829
14	979E0269G029	06-04-832

Combustion Serial NumbersTP

INSPECTION REPORT
Gas Turbine Maintenance
All Frame Sizes

Combustion
Liners

Date: 02/10/09 Turbine S/N: 296436 Prepared by: Barody, Jason
FSR #: 357T1061

Instructions: Request the as running part information from the Support Central Site link below.
http://supportcentral.ge.com/scmail/sup_logacase_home.asp?prod_id=25686&case_category_id=18047

Combustion Chamber Number (Out)	Dwg Number / Part Number (Out)	Serial Number (Out)
1	979E0242G007	166169
2	979E0242G007	166168
3	979E0242G007	166159
4	979E0242G007	166171
5	979E0242G007	166170
6	979E0242G007	166167
7	979E0242G007	166161
8	979E0242G007	166162
9	979E0242G007	166158
10	979E0242G007	166166
11	979E0242G007	166160
12	979E0242G007	166163
13	979E0242G007	166164
14	979E0242G007	166165

Combustion Chamber Number (In)	Dwg Number / Part Number (In)	Serial Number (In)
1	979E0242G007	184342
2	979E0242G007	184348
3	979E0242G007	184352
4	979E0242G007	184353
5	979E0242G007	184355
6	979E0242G007	184354
7	979E0242G007	184350
8	979E0242G007	184349
9	979E0242G007	184351
10	979E0242G007	184356
11	979E0242G007	184343
12	979E0242G007	184345
13	979E0242G007	184344
14	979E0242G007	184347

Combustion Serial NumbersLiners

Parts

TECO POLK MAJOR INSPECTION

Dual Fuel

296436: Unit CT-1 Date: 02.02.09 Prepared by: Charity Hein

ML	Part Description	GE P/N	QTY	Comments
218	TC Guide Tubes	239B9434P002	2	
218	TC Guide Tube Clips	357A1627P004	2	
218	TC Guide Tube Clips	357A1627P014	2	
637	Wheelspace T/C TT - WS1AO - 1,2			
701	Outer Cross Fire packing	287A1614P002	56	
701	AFT. Can Gasket	318A9711P002	14	
701	Outer Cross Fire Bolt	N14TP29018		
701	? " x ? " Soc. Hd. - Flowsleeve Bolt	N28P25010	56	
701	Inner Cross Fire Tube - female	199C4782P001	14	
701	Inner Cross Fire Tube - male	199C4782P002	14	
701	Inner Cross Fire Tube Retainer	199C4748P001	28	
701	Outer X-Fire Tubes	239B9455P001	12	
702	TP's	979E0269G029	1 set	
703	Liners	979E0242G007	1 set	
705	S1SB Seal	214C7561G002	30	
705	S1S Retaining Pin	239B5919P001	31	
705	S2S/S3S Retaining Pin	239B5919P011	85	
705	S1SB Seal	239B5965P001	30	
705	S1SB Seal	239B5966P001	2	
705	S3SB Seal	239B5969P001	34	
705	S2SB Seal	239B5969P002	46	
705	Seals - S2SB	239B5969P006	46	
705	S3SB Seal	239B5970P001	2	
705	S2SB Seal	239B5970P002	2	
705	Seals - S2SB	239B5970P006	2	
705	S2SB Seal	239B5971G001	46	
705	S3SB Seal	239B5971G002	46	
705	Turbine Shell Manway Gasket	302A4594P321	2	
705	S1SB Seal	318A9812P002	60	
705	S2SB Seal	318A9813P001	2	
705	S2SB Seal	318A9813P002	2	
705	Shroud Pin	318A9823P001	4	S1SB at Horiz. Joints
705	2" x 13¼" BB	355B7917P004	1	
706	Exhaust Flex Seals	114E1736G001		
706	Exhaust Flow Shield Kit	114E1819G001	1	
706	Exhaust Flow Cone Mod	115E6742G001	1	
706	Machine Plug	115E6759P002	4	
706	Gasket - Exhaust Flow Cone	199D3163P001	1	
706	Antirotation clips-- outer	227C5079P001	60	

Parts Used FinalPg1

Parts

TECO POLK MAJOR INSPECTION

Dual Fuel

296436: Unit CT-1 Date: 02.02.09 Prepared by: Charity Hein

ML	Part Description	GE P/N	QTY	Comments
706	Exhaust lock plates - inner horz	239B9443P001	4	
706	Sleeve - Exhaust Casing	255B9802P001	1	
706	Exhaust Frame Inconel Gaskets	351A9259P001	2	
706	Exhaust Frame Inconel Gaskets	351A9259P002	2	
706	Braided Wire Rope	352A6917P009	2	
706	Int. Pressurized Wave Seal	362A1504P001	1	
706	Pressurized Wave Seal	362A1504P001	1	
706	Cap Screw & Fin Bolt	N14BP33036	2	Inner Exhaust at Horiz. Split
706	Exhaust bolts - inners horz	N14BP33036	2	
706	? " x 1¼" Heavy Hex. Hd. Bolt	N60QP33020	14	
706	Exhaust Bolts	N733AP33064	10	
706	? " x 1¾" 12-pt. - Exhaust/Diffuser	N733DP33028	12	
717	Bullhorns	154D7578G001	14	12K
717	Bullhorn Bolt	186C1916P022	28	
717	TP Bolt	219B6733P003	28	
717	Bear Claw - Left	224B9719P001	14	
717	Bear Claw - Right	224B9719P002	14	
717	Side Seal Block	239B9471G004	14	
717	Side Seal Retainer	233C2503P002	14	
717	Bullhorn Lockplate	318A9872P001	14	
801	Nichrome Strip	26594	40"	
801	Lift Oil lines - T1	324A5973P001	2	
805	? " x 3½" 12-pt. Bolt	N733AP33056	6	
905	O-Ring: T-1 Lift Oil System	185A1343P215	12	
909	Flex Hose	315A2803P063	1	2nd Stg. C&S R/S
909	Flex Hose	315A2803P064	1	3rd Stage C&S L/S
909	4" - 150# Gasket	N5606P04001G11	17	
909	4" - 300#	N5606P04003G11	40	
909	6" - 150# Gasket	N5606P06001G11	8	
909	8" - 150# Gasket	N5606P08001G11	20	
909	10"- 150# Gasket	N5606P10001G11	10	
915	1" - 150# Gasket	372A1159P003	3	
915	1½" - 150# Gasket	372A1159P005	12	
918	Flex Hose	324A5773P057	1	LF Purge Manifold
961	O-Ring	185A1343P232	14	Liquid Fuel
961	Flex Hose - LF	324A5773P056	14	
961	O-ring: LF Check Valve for Cooling Water	357A1544P001	40	
961	O-ring: LF Block Elbow	357A1544P004	20	
961	½" External Star Lock washer	N403P00050	56	Liquid Fuel
961	Tube Adapter w/ O-ring: Adapter to T-fitting	SS-810-1-8ST	3	Swagelok P/N
962	Flex Hose	351A9057P001	1	Syngas Can #11
962	? " Lock Nut	N265BP00033	160	
962	¾" Lock Nut	N265BP00035	936	
962	¾" Lock Nut	N266AP00035	512	
962	2½" - 3/4/600# Gasket	N5606P02506G11	28	
962	2½" - 3/4/600# Gasket	N5606P02506G11	48	

Parts Used FinalPg2

Parts

TECO POLK MAJOR INSPECTION

Dual Fuel

296436: Unit CT-1 Date: 02.02.09 Prepared by: Charity Hein

ML	Part Description	GE P/N	QTY	Comments
962	12" - 300# Gasket	N5606P12003G11	3	
965	Flex Hose - AA/Ext. Manifold L/S	328A3653P018	1	
965	8" - 300# Gasket	N5606P08003G11	12	
968	Flex Hose - WI	324A5773P056	14	
968	LF and Water Cool Check Valve	221A3913P001	14	Liquid Fuel Check Valve
969	Flex Hose	351A3235P002	1	L/H AA Manifold
969	Flex Hose - L/H AA Manifold	351A3235P002	1	
972	12" - 150# Gasket	N5606P12001G11	7	
998	Flex Hose	351A3676P008	1	N_2 Can #4
998	? " x 7¾" Hex. Hd. Bolt	N14P37124	6	
998	1" x 9½" Hex. Hd.	N14P39152	6	
998	14" - 300# Gasket	N5606P14003G11	5	
998	16" - 300# Gasket	N5606P16003G11	3	
1301	Key (S_0: 6.10 ± .02)	298A0111P040	2	
1301	Key (S_1: 5.00 ± .02)	298A0111P041	2	
1301	Key (S_2 - S_3: 4.00 ± .02)	298A0111P042	4	
1301	Key (S_4: 3.64 ± .02)	298A0111P043	2	
1301	Key Stock	298A0111P046	2	
1305	Pin Plat. Seal - S3B	232B8614P001	92	
1305	Pin Shk. Seal - S3B	232B8615P001		
1305	Pin Plat. Seal - S2B	232B8616P001	92	
1305	Pin Shk. Seal - S2B	232B8617P002	92	
1305	Retention Wire - STG. 1 & 2	232B8618P002	2	
1305	Pin Plat. Seal - S1B	237B2174P001	1	
1305	Retention Wire - STG. 3	314A5127P002	1	
1305	Pin Dowel - S1B	314A5196P001	39	
1305	Pin Shk. Seal - S1B	322B4119P001	184	Need to use P002
1401	S1N	103E5730G014	1 set	
1401	Center Line Key ½" Bolt	293A0911P009	2	
1401	Center Line Key and 45° Key ¾" Bolt	293A0913P009	8	
1401	Center Line Key Lockplate	294A0151P004	5	
1401	45° Key Lockplate	294A0151P006	4	
1401	S1N Hold Down Lockplate	294A0151P007	4	
1401	Center Line Key Lockplate (3-Hole)	314A5977P001	2	
1401	1" x 7½" Hex. Hd. (Hold Down/Elev. Block)	N14TP39120	4	
1401	1¼" x 4" 12-pt. Bolt - S1N Horiz. Jt.	N733CP44064	6	S1N Horiz. Jt.
1402	Instrumentation Tubing	188C9441P003	2	
1403	1" x 3½" 12-pt. Bolt	N733AP39056	2	
1403	1" x 3? " 12-pt. Bolt	N733AP39062	28	
1409	Tube Cap	156A1090P004	1	
1409	Instrumentation Tubing	232B8673P001	4	
1409	Instrumentation Tubing	232B8673P002	2	
1409	S3N	979E021G014	1 set	
1502	Oil Seal:T-2 Slinger Ring	159A0601P001	1	
1502	T2 Bearing Cover lockplates	239B5942P001	2	

Parts Used FinalPg 3

Parts

TECO POLK MAJOR INSPECTION

Dual Fuel

296436: Unit CT-1 Date: 02.02.09 Prepared by: Charity Hein

ML	Part Description	GE P/N	QTY	Comments
1502	Lift Oil Lines - T2	324A5973P002	2	
1502	Gasket	336A9298P001	1	T-2 Bearing
1604	1¾" x 13½" Stud	353B3539P023	8	
1612	Expansion Joint	214C7536P001	1	
1612	Expansion Joint	214C7536P002	2	
1614	¼" x 3" Red Rubber: 10' per roll	Non-GE	20'	
1612	? " x 3" Close Cell Foam: 50' per roll	Non-GE	100'	
1612	¼" x 3" Close Cell Foam: 50' per roll	Non-GE	100'	
218A/B	Vibration Sensor	329A3529P029	2	
235A	Packing Gland	235A9598P017	1	
235A	T/C: Thrust Bearing	351A3488P042	4	
235A/B	T/C: T-1, T-2 Brg.	314A5945P004	4	
235B	Vibration Probe and Cable	162381-209-040-15-05	1	T-2
701/1121	Gasket - Spark Plug & Flame Detector	318A9713P027	6	
GEN	Fluorosilicone - Sealing Compound	164A7383P0009	18	
GEN	End Shield Access Gasket	341A6573P0001	4	
N/A	Versilube	0659A911P0019	1	
701	Outer X-Fire Washer	239B9456P001	2	
918	Purge Check Valve	362A1331P002	28	Purge Check Valve
MISC	Gasket	372A1159P009	30	
MISC	Gasket	372A1159P010	10	
MISC	Gasket	372A1159P013	14	
MISC	Drive Pin	372A4654P001	166	
MISC	Bolt	N14P33056	4	
MISC	Bolt	N14P35056	10	
MISC	Bolt	N14P35068	8	
MISC	Bolt	N14P35072	4	
MISC	4" - 300#	N5606P04003G11	30	
MISC	Gasket	N5606P06003G11	15	
MISC	Bolt	N733AP33064	8	
701	Flow Sleeves		8	
512	Fuel Nozzles	109E9381G001	1 set	
703	Cap & Liner	979E0242G007	1 set	
702	Transition Pieces	979E0269G029	1 set	
1305	1st Stage Buckets	103E5536G021	1 set	
1305	2nd Stage Buckets	353B3024G010	1 set	
1305	3rd Stage Buckets	969E0134P011/12	1 set	
1401	1st Stage Nozzle	103E5730G020	1 set	
1402	2nd Stage Nozzles	105E8919G012	1 set	
1409	3rd Stage Nozzles	979E9219G015	1 set	
705	1st Stage Shroud Blocks	213C1443G010	1 set	
705	2nd Stage Shroud Blocks	207C3818G002	1 set	
705	3rd Stage Shroud Block	329A3285G002	1 set	

CONFIDENTIAL MATERIAL REDACTED

BATES STAMPED PAGES 655 - 962

CONFIDENTIAL MATERIAL REDACTED

BATES STAMPED PAGES 963 - 1467

CONFIDENTIAL MATERIAL REDACTED

BATES STAMPED PAGES 1468 - 1472

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 68
PARTY: Staff Exhibit 68
DESCRIPTION: Proposed Stipulations (Bates No. 00990-01005)

68

Proposed Stipulations

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost recovery clause with generating performance incentive factor.	DOCKET NO. 20220001-EI ORDER NO. ISSUED:

PROPOSED STIPULATIONS

The following issues are proposed as Type 2[1] stipulations in this proceeding[2]:

I. FUEL ISSUES

Duke Energy Florida, LLC.

ISSUE 1A: Should the Commission approve DEF's 2023 Risk Management Plan?

Stipulation: Yes, but the parties agree that DEF will not enter into financial hedges for 2023 fuel burns. If DEF intends to restart its hedging program, it will subsequently seek and obtain Commission approval.

ISSUE 1B: What is the appropriate subscription bill credit associated with DEF's Clean Energy Connection Program, approved by Order No. PSC-2021-0059-S-EI, to be included for recovery in 2023?

Stipulation: $31,356,459.

ISSUE 1C: Has DEF made appropriate adjustments, if any are needed, to account for replacement power costs associated with the January 2021 to April 2021 outage in Bartow CC Unit 4A and/or the May 2021 to July 2021 outage in Bartow CC Unit 4C? If appropriate adjustments are needed and have not been made, what adjustments should be performed?

Stipulation: No adjustments are needed.

ISSUE 1D: What is the impact on this docket, if a decision is issued in Case SC20-1601 before January 1, 2023?

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[1] A Type 2 stipulation occurs on an issue when the utility and staff, or the utility and at least one party adversarial to the utility, agree on the resolution of the issue and the remaining parties (including staff if they do not join in the agreement) do not object to the Commission relying on the agreed language to resolve that issue in a final order.

[2] The OPC position and the FRF position on each Type 2 stipulation stated herein is as follows:

OPC and FRF take no position on these issues nor do they have the burden of proof related to them. As such, the OPC and FRF represent that they will not contest or oppose the Commission taking action approving a proposed stipulation between the Company and another party or staff as a final resolution of these issues. No person is authorized to state that the OPC or FRF is a participant in, or party to, a stipulation on these issues, either in this docket, in an order of the Commission or in a representation to a Court.

Stipulation: There is no impact. DEF has already recovered the costs and received a stay on the refund.

ISSUE 1E: What is the impact on this docket, if a decision is issued in Case SC22-94 before January 1, 2023?

Stipulation: Currently there is no impact as this case is still pending before the Florida Supreme Court.

ISSUE 1F: If the decision in Case SC22-94 requires the return of replacement power costs to customers, what interest amount should be applied?

Stipulation: This issue is not ripe for a decision at this time.

ISSUE 1G: Has DEF made appropriate adjustments, if any are needed, to account for replacement power costs associated with the March 2022 outage at Hines Unit 4? If appropriate adjustments are needed and have not been made, what adjustments should be performed?

Stipulation: No adjustments are needed.

Florida Power & Light Company

ISSUE 2A: What was the total gain under FPL's Incentive Mechanism approved by Order No. PSC-2016-0560-AS-EI that FPL may recover for the period January 2021 through December 2021, and how should that gain to be shared between FPL and customers?

Stipulation: The total gain is $63,092,506 with $49,237,003 given to customers and $13,855,504 given to the Company.

ISSUE 2B: What is the appropriate amount of Incremental Optimization Costs under FPL's Incentive Mechanism approved by Order No. PSC-2016-0560-AS-EI that FPL should be allowed to recover through the fuel clause for Personnel, Software, and Hardware costs for the period January 2021 through December 2021?

Stipulation: $495,972.

ISSUE 2C: What is the appropriate amount of Variable Power Plant O&M Attributable to Off-System Sales under FPL's Incentive Mechanism approved by Order No. PSC-2016-0560-AS-EI that FPL should be allowed to recover through the fuel clause for the period January 2021 through December 2021?

Stipulation: $2,103,997.

ISSUE 2D: What is the appropriate amount of Variable Power Plant O&M Avoided due to Economy Purchases under FPL's Incentive Mechanism approved by Order No. PSC-2016-0560-AS-EI that FPL should be allowed to recover through the fuel clause for the period January 2021 through December 2021?

Stipulation: $256,452.

ISSUE 2E: What is the appropriate subscription credit associated with FPL's SolarTogether Program approved by Order No. PSC-2020-0084-S-EI, to be included for recovery in 2023?

Stipulation: $143,020,130.

ISSUE 2F: Should the Commission approve FPL's 2023 Risk Management Plan?

Stipulation: Yes.

Tampa Electric Company

ISSUE 4A: What was the total gain under TECO's Optimization Mechanism approved by Order No. PSC-2017-0456-S-EI that TECO may recover for the period January 2021 through December 2021, and how should that gain to be shared between TECO and customers?

Stipulation: The optimization gains for 2021 were $13,439,732. Customer benefits were $8,619,866 and Company benefits were $4,819,866.

ISSUE 4B: Should the Commission approve TECO's 2023 Risk Management Plan?

Stipulation: Yes.

ISSUE 4C: Has TECO made the appropriate adjustments, if any are needed, to account for replacement power costs associated with ay outages that occurred during 2021 and 2022? If appropriate adjustments are needed and have not been made, what adjustments should be performed?

Stipulation: The appropriate adjustment is a reduction of $104,000.

GENERIC FUEL ADJUSTMENT ISSUES

ISSUE 5: What are the appropriate actual benchmark levels for calendar year 2022 for gains on non-separated wholesale energy sales eligible for a shareholder incentive?

Stipulation:
DEF: $1,909,411.

FPL: N/A

TECO: N/A

ISSUE 6: What are the appropriate estimated benchmark levels for calendar year 2023 for gains on non-separated wholesale energy sales eligible for a shareholder incentive?

Stipulation:
DEF: $2,379,586.

FPL: N/A

TECO: N/A

ISSUE 7: What are the appropriate final fuel adjustment true-up amounts for the period January 2021 through December 2021?

Stipulation:
DEF: An over-recovery of $2,934,170.

FPL: An over-recovery of $10,256,384.

FPUC: An under-recovery of $3,790,314 which was the amount included for recovery through FPUC's mid-course correction.

GULF: An over-recovery of $21,938,913.

TECO: $0.

ISSUE 8: What are the appropriate fuel adjustment actual/estimated true-up amounts for the period January 2022 through December 2022?

Stipulation:

FPUC: An under-recovery of $15,143,447.

ISSUE 9: What are the appropriate total fuel adjustment true-up amounts to be collected/refunded from January 2023 through December 2023?

Stipulation:

FPUC: An under-recovery of $7,063,744.

ISSUE 10: What are the appropriate projected total fuel and purchased power cost recovery amounts for the period January 2023 through December 2023?

Stipulation:

FPUC: $68,427,727.

COMPANY-SPECIFIC GENERATING PERFORMANCE INCENTIVE FACTOR ISSUES

Duke Energy Florida, LLC.

No company-specific GPIF issues for Duke Energy Florida, Inc. have been identified at this time. If such issues are identified, they shall be numbered 11A, 11B, 11C, and so forth, as appropriate.

Florida Power & Light Company

No company-specific GPIF issues for Florida Power and Light Company have been identified at this time. If such issues are identified, they shall be numbered 12A, 12B, 12C, and so forth, as appropriate.

Gulf Power Company
Any company-specific capacity issues for Gulf Power Company will be addressed under Florida Power & Light Company above.

Tampa Electric Company

No company-specific GPIF issues for Tampa Electric Company have been identified at this time. If such issues are identified, they shall be numbered 13A, 13B, 13C, and so forth, as appropriate.

GENERIC GPIF ISSUES

ISSUE 14: What is the appropriate GPIF reward or penalty for performance achieved during the period January 2021 through December 2021 for each investor-owned electric utility subject to the GPIF?

Stipulation:
DEF: A penalty of $206,463.

FPL: A reward of $6,994,619.

TECO: A reward of $546,170.

ISSUE 15: What should the GPIF targets/ranges be for the period January 2023 through December 2023 for each investor-owned electric utility subject to the GPIF?

Stipulation:
DEF:

Table 15-1
GPIF Targets/Ranges for the period January-December, 2023

	Plant/Unit	EAF			ANOHR		
		Target	Maximum		Target	Maximum	
		EAF (%)	EAF (%)	Savings ($000's)	ANOHR Btu/kWh	ANOHR Btu/kWh	Savings ($000's)
DEF	Bartow 4	84.52	88.62	2,800	7,571	7,928	15,422
	Citrus County 1	88.99	90.18	973	6,645	6,770	4,923
	Citrus County 2	88.95	90.16	991	6,665	6,785	4,811
	Crystal River 4	84.37	91.42	1,794	10,972	11,674	4,338
	Hines 1	81.52	83.63	791	7,368	7,546	3,168
	Hines 2	88.93	89.63	256	7,624	7,800	2,426
	Hines 3	86.94	88.32	296	7,216	7,377	3,379
	Hines 4	81.42	84.50	1,150	7,068	7,227	3,454
	Totals			9,050			41,921

Source: GPIF Target and Range Summary (Exhibit MIJ-1P, Page 4 of 85).

FPL:

Table 15-2
GPIF Targets/Ranges for the period January-December, 2023

	Plant/Unit	EAF			ANOHR		
		Target	Maximum		Target	Maximum	
		EAF (%)	EAF (%)	Savings ($000's)	ANOHR Btu/kWh	ANOHR Btu/kWh	Savings ($000's)
FPL	Canaveral 3	90.9	93.4	404	6,734	6,639	2,810
	Ft. Myers 2	88.4	90.9	396	7,139	7,020	6,114
	Manatee 3	84.5	87.0	519	6,935	6,680	9,852
	Martin 8	82.3	84.8	414	6,995	6,882	3,593
	Okeechobee	90.8	93.3	741	6,355	6,268	5,866
	Port Everglades 5	82.5	85.0	742	6,675	6,587	3,501
	Riviera 5	89.8	92.3	422	6,643	6,557	3,434
	St. Lucie 1	93.6	96.6	9,115	10,427	10,333	364
	St. Lucie 2	84.8	87.8	7,870	10,307	10,209	281
	Turkey Point 3	82.8	85.8	7,635	10,522	10,363	536
	Turkey Point 4	83.2	86.2	7,822	10,807	10,424	1,271
	Turkey Point 5	85.3	87.8	450	7,225	7,127	2,714
	West County 1	82.2	85.2	665	7,058	6,894	5,685
	West County 2	87.3	89.8	612	6,867	6,782	3,797

Table 15-2
GPIF Targets/Ranges for the period January-December, 2023

		EAF			ANOHR		
		Target	Maximum		Target	Maximum	
FPL	Plant/Unit	EAF (%)	EAF (%)	Savings ($000's)	ANOHR Btu/kWh	ANOHR Btu/kWh	Savings ($000's)
	West County 3	73.1	75.6	588	6,920	6,814	3,678
	Totals*			$38,395			$53,496

Source: GPIF Target and Range Summary (Exhibit CRR-3, Pages 6-7 of 40).
*May not compute due to rounding.

TECO:

Table 15-3
GPIF Targets/Ranges for the period January-December, 2023

		Target	Maximum		Target	Maximum	
TECO	Plant/Unit	EAF (%)	EAF (%)	Savings ($000's)	ANOHR Btu/kWh	ANOHR Btu/kWh	Savings ($000's)
	Big Bend 4	61.2	66.1	1,010	10,777	11,497	4,734
	Polk 2	90.9	92.1	1,404	7,279	7,470	5,090
	Bayside 1	90.0	91.2	1,059	7,481	7,655	2,606
	Bayside 2	75.2	76.9	202	8,280	8,582	1,743
	Totals			$3,675			$14,173

Source: GPIF Target and Range Summary (Exhibit PAB-2, Document 1, Page 4 of 28).

FUEL FACTOR CALCULATION ISSUES

ISSUE 16: What are the appropriate projected net fuel and purchased power cost recovery and Generating Performance Incentive amounts to be included in the recovery factor for the period January 2023 through December 2023?

Stipulation:
FPUC: $75,491,471.

ISSUE 17: What is the appropriate revenue tax factor to be applied in calculating each investor-owned electric utility's levelized fuel factor for the projection period January 2023 through December 2023?

Stipulation:
DEF: N/A – applied with the Gross Receipts Tax.

FPL: N/A – applied with the Gross Receipts Tax.

FPUC: 1.00072.

TECO: 1.00072.

ISSUE 18: What are the appropriate levelized fuel cost recovery factors for the period January 2023 through December 2023?

Stipulation:

FPUC: 8.976 cents per kWh.

ISSUE 19: What are the appropriate fuel recovery line loss multipliers to be used in calculating the fuel cost recovery factors charged to each rate class/delivery voltage level class?

Stipulation:
DEF:

Table 19-1
DEF Fuel Recovery Line Loss Multipliers
for the period January-December, 2023

Delivery Voltage Level	Line Loss Multiplier
Transmission	0.98
Distribution Primary	0.99
Distribution Secondary	1.00
Lighting Service	1.00

Source: Schedule E1-D, Exhibit GPD-3, Part 2, Page 1 of 1.

FPL: The appropriate fuel recovery line loss multipliers to be used in calculating the fuel cost recovery factors charged to each rate class/delivery voltage level class are shown in Issue No. 20.

FPUC: The appropriate fuel recovery line loss multiplier to be used in calculating the fuel cost recovery factors charged to each rate class/delivery voltage level class is 1.00000.

TECO:

Table 19-2
TECO Fuel Recovery Line Loss Multipliers
for the period January-December, 2023

Delivery Voltage Level	Line Loss Multiplier
Transmission	0.98
Distribution Primary	0.99
Distribution Secondary	1.00
Lighting Service	1.00

Sources: Schedule E1-D and E1-E.

ISSUE 20: What are the appropriate fuel cost recovery factors for each rate class/delivery voltage level class adjusted for line losses?

FPUC: The appropriate fuel cost recovery factors for each rate class/delivery voltage level class adjusted for line losses for the period January 2023 through December 2023, are shown in Tables 20-4, 20-5, and 20-6 below:

Table 20-4
FPUC Fuel Cost Recovery Factors for the period January-December 2023

Fuel Recovery Factors – By Rate Schedule Fuel Recovery Factors – By Rate Schedule	
Rate Schedule	Levelized Adjustment (cents/kWh)
RS	11.753
GS	11.797
GSD	11.201
GSLD	10.937
LS	9.355

Source: Schedule E1, Page 3 of 3 (Exhibit MDN-1, Page 3 of 8).

Table 20-5
FPUC Fuel Cost Recovery Factors for the period January-December 2023

Step Rate Allocation For Residential Customers (RS Rate Schedule)	
Rate Schedule and Allocation	Levelized Adjustment (cents/kWh)
RS Rate Schedule – Sales Allocation	11.753
RS Rate Schedule with less than or equal to 1,000 kWh/month	11.396
RS Rate Schedule with greater than 1,000 kWh/month	12.646

Source: Schedule E1, Page 3 of 3 (Exhibit MDN-3, Page 3 of 8).

Table 20-6
FPUC Fuel Cost Recovery Factors for the period January-December 2023

Fuel Recovery Factors for Time Of Use – By Rate Schedule		
Rate Schedule	Levelized Adjustment On Peak (cents/kWh)	Levelized Adjustment Off Peak (cents/kWh)
RS	19.796	7.496
GS	15.797	6.797
GSD	15.201	7.951
GSLD	16.937	7.937
Interruptible	9.437	10.937

Source: Schedule E1, Page 3 of 3 (Exhibit MDN-3, Page 3 of 8).

II. CAPACITY ISSUES

COMPANY-SPECIFIC CAPACITY COST RECOVERY FACTOR ISSUES

Duke Energy Florida, LLC.

ISSUE 21A: What is the appropriate amount of costs for the Independent Spent Fuel Storage Installation (ISFSI) that DEF should be allowed to recover through the capacity cost recovery clause pursuant to DEF's 2017 Settlement?

Stipulation: $6,879,837.

ISSUE 21B: What adjustment amounts should the Commission approve to be refunded through the capacity clause associated with the Duette SoBRA III project in Docket No. 20200245-EI?

Stipulation: A credit of $1,144,593.

ISSUE 21C: What DOE Settlement Spent Fuel Claim amount should the Commission approve to be recovered through the capacity clause?

Stipulation: $19,328,945.

Florida Power & Light Company

No company-specific capacity cost recovery factor issues for Florida Power & Light Company have been identified at this time. If such issues are identified, they will be numbered 22A, 22B, 22C, and so forth, as appropriate.

Gulf Power Company

Any company-specific capacity issues for Gulf Power Company will be addressed under Florida Power & Light Company above.

Tampa Electric Company

No company-specific capacity cost recovery factor issues for Tampa Electric Company have been identified at this time. If such issues are identified, they will be numbered 23A, 23B, 23C, and so forth, as appropriate.

GENERIC CAPACITY COST RECOVERY FACTOR ISSUES

ISSUE 24: What are the appropriate final capacity cost recovery true-up amounts for the period January 2021 through December 2021?

Stipulation:
DEF: An over-recovery of $2,850,425.

FPL: An under-recovery of $303,310.

TECO: $0.

ISSUE 25: What are the appropriate capacity cost recovery actual/estimated true-up amounts for the period January 2022 through December 2022?

Stipulation:
DEF: An over-recovery of $3,896,674.

FPL: An under-recovery of $2,922,069.

TECO: An over-recovery of $3,967,826.

ISSUE 26: What are the appropriate total capacity cost recovery true-up amounts to be collected/refunded during the period January 2023 through December 2023?

Stipulation:
DEF: An over-recovery of $6,747,100.

FPL: An under-recovery of $3,225,379.

TECO: An over-recovery of $3,967,826.

ISSUE 27: What are the appropriate projected total capacity cost recovery amounts for the period January 2023 through December 2023?

Stipulation:
DEF: $458,620,998.

FPL: $245,356,422.

TECO: $846,862.

ISSUE 28: What are the appropriate projected net purchased power capacity cost recovery amounts to be included in the recovery factor for the period January 2023 through December 2023?

Stipulation:
DEF: $458,753,735.

FPL: $248,581,801, as filed.

TECO: ($3,123,211).

ISSUE 29: What are the appropriate jurisdictional separation factors for capacity revenues and costs to be included in the recovery factor for the period January 2023 through December 2023?

Stipulation:
DEF: Base: 97.403 percent, Intermediate: 92.637 percent, and Peaking: 95.110 percent.

FPL: Demand: Transmission 89.9282 percent, Base/Solar 96.0478 percent, Intermediate 95.4028 percent, Peaking 95.3285 percent, Distribution 100 percent.

Energy: Base/Solar 95.8159 percent, Intermediate 94.5063 percent, Peaking 95.7054 percent.

General Plant: Labor 96.7270 percent.

TECO: The appropriate jurisdictional separation factor is 1.00.

ISSUE 30: What are the appropriate capacity cost recovery factors for the period January 2023 through December 2023?

Stipulation:
DEF:

The appropriate capacity cost recovery factors for the period January 2023 through December 2023 is shown in Table 30-1 below:

Table 30-1
DEF Capacity Cost Recovery Factors for the period January – December 2023

Rate Class		Capacity and ISFSI Cost Recovery Factors	
		¢/kWh	$/kW-month
Residential (RS-1, RST-1, RSL-1, RSL-2, RSS-1) At Secondary Voltage		1.328	
General Service Non-Demand (GS-1, GST-1)			
	At Secondary Voltage	1.173	
	At Primary Voltage	1.161	
	At Transmission Voltage	1.150	
General Service (GS-2)		0.822	
Lighting (LS-1)		0.341	
General Service Demand (GSD-1, GSDT-1, SS-1)			
	At Secondary Voltage		3.37
	At Primary Voltage		3.34
	At Transmission Voltage		3.30
Curtailable (CS-2, CST-2, CS-3, CST-3, SS-3)			
	At Secondary Voltage		1.67
	At Primary Voltage		1.65
	At Transmission Voltage		1.64
Interruptible (IS-2, IST-2, SS-2)			
	At Secondary Voltage		2.69
	At Primary Voltage		2.66
	At Transmission Voltage		2.64
Standby Monthly (SS-1, 2, 3)			
	At Secondary Voltage		0.325
	At Primary Voltage		0.322
	At Transmission Voltage		0.319
Standby Daily (SS-1, 2, 3)			
	At Secondary Voltage		0.155
	At Primary Voltage		0.153
	At Transmission Voltage		0.152

Source: Schedule E12-E (Exhibit GPD-3, Part 3, Page 1 of 1)

FPL: If FPL's Amended Petition to Approve Refund and Rate Reduction Resulting from Implementation of Inflation Reduction Act, filed in Docket 20220165-EI, is approved, FPL's capacity cost recovery factors for January 2023 should reflect the one-time refund to customers as set forth in that Docket (Sixtieth Revised Sheet No. 8.030) and the capacity cost recovery factors for the period February 2023 through December 2023 set forth in Table 30-2.

If FPL's Amended Petition to Approve Refund and Rate Reduction Resulting from Implementation of Inflation Reduction Act, filed in Docket 20220165-EI, is

denied, FPL's capacity cost recovery factors for the period January 2023 through December 2023 are set forth in FPL Table 30-2.

TABLE 30-2

Rate Schedule	Capacity Recovery Factor ($/KW)	Capacity Recovery Factor ($/kw h)	RDC ($/KW)	SDD ($/KW)
RS1/RTR1		0.00212		
GS1/GST1		0.00220		
GSD1/GSDT1/HLFT1/GSD1-EV	0.72			
OS2		0.00127		
GSLD1/GSLDT1/CS1/CST1/HLFT2/GSLD1-EV	0.80			
GSLD2/GSLDT2/CS2/CST2/HLFT3	0.80			
GSLD3/GSLDT3/CS3/CST3	0.73			
SST1T			0.09	0.04
SST1D1/SST1D2/SST1D3			0.09	0.04
CILC D/CILC G	0.81			
CILC T	0.79			
MET	0.69			
OL1/SL1/SL1M/PL1/OSI/II/LT1		0.00016		
SL2/SL2M/GSCU1		0.00137		

(Deaton)

TECO: The appropriate capacity cost recovery factors for the period January 2023 through December 2023 is shown in Table 30-3 below:

Table 30-3
TECO Capacity Cost Recovery Factors for the period January-December, 2023

Rate Class and Metering Voltage	2023 Capacity Cost Recovery Factors	
	$/kWh	$/kW
RS	(0.00018)	-
GS and CS	(0.00017)	
GSD, RSD		
Secondary	-	(0.06)
Primary		(0.06)
Transmission		(0.06)
GSD Optional		
Secondary	(0.00014)	-
Primary	(0.00014)	
Transmission	(0.00014)	
GSLDPR/GSLDTPR/SBLDPR/SBLDTPR	-	(0.05)
GSLDSU/GSLDTSU/SBLDSU/SBLDTSU		(0.04)
LS-1	(0.00003)	-

Source: Exhibit MAS-3, Document Number 1, Page 3 of 4.

III. EFFECTIVE DATE

ISSUE 31: What should be the effective date of the fuel adjustment factors and capacity cost recovery factors for billing purposes?

Stipulation: The new factors should be effective with the first billing cycle for January 2023 through the last billing cycle for December 2023. The first billing cycle may start before January 1, 2023, and the last cycle may be read after December 31, 2023, so that each customer is billed for twelve months regardless of when the recovery factors became effective. The new factors shall continue in effect until modified by the Commission.

ISSUE 32: Should the Commission approve revised tariffs reflecting the fuel adjustment factors and capacity cost recovery factors determined to be appropriate in this proceeding?

Stipulation: Yes. The Commission should approve revised tariffs reflecting the fuel adjustment factors and capacity cost recovery factors determined to be reasonable in this proceeding. The Commission should direct staff to verify that the revised tariffs are consistent with the Commission decision.

ISSUE 33: Should this docket be closed

Stipulation: No, this is a continuing docket and should remain open.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 69
PARTY: Staff Exhibit 69
DESCRIPTION: FPL Amended Revised Capacity Cost Recovery Factors. (Bates No. 01006-01024)

69

FPL Amended Revised Capacity Cost Recovery Factors.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance Incentive Factor	Docket No. 20220001-EI Filed: November 11, 2022

Notice of Filing Amended Revised Capacity Cost Recovery Factors Proposed To Be Effective During Month of January 2023

Florida Power & Light Company ("FPL" or "the Company") hereby files *Amended* Revised Capacity Cost Recovery Factors. In a separate proceeding addressing the application of the Tax Provision contained in FPL's Rate Settlement Agreement, FPL has contemporaneously filed an Amended Petition that seeks, among other things, approval to implement a $35.7 million refund to customers through a one-time reduction to its Capacity Cost Recovery ("CCR") Factors for the month of January 2023 (the "Amended Tax Reform Petition"). **Attachment "A"** to this Notice comprises the calculation of January 2023 CCR Factors accounting for the $35.7 million refund.

FPL's September 2, 2022 projection filing in this Docket included proposed CCR Factors to be effective January 2023 through December 2023. If its Amended Tax Reform Petition is approved, FPL would implement reduced CCR Factors for the month of January and would reinstate the CCR Factors proposed on September 2, 2022 for the subsequent months. **Attachment "B"** to this Notice comprises Proposed Tariff Sheets 8.030 and 8.030.1, which set forth the CCR Factors for January as well as the CCR Factors for February through December.

FPL's September 2, 2022 projection filing in this Docket also included Schedule E-10 which sets forth total typical 2023 residential bills assuming all proposed clause factors are approved. **Attachment "C"** to this Notice is an updated E-10 that includes the impact of the CCR refund during the month of January 2023.

WHEREFORE, Florida Power & Light Company respectfully requests that the Commission effectuate the ruling on FPL's Amended Tax Reform Petition when setting the CCR Factors in this Docket for the 2023 calendar year.

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Respectfully submitted,

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By: *s/ Maria Jose Moncada*
Maria Jose Moncada
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CERTIFICATE OF SERVICE
Docket No. 20220001-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by electronic service on this 11th day of November 2022 to the following:

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ATTACHMENT A

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
PROJECTION FILING
CALCULATION OF CAPACITY PAYMENT RECOVERY FACTOR

JANUARY 2023 THROUGH DECEMBER 2023 AS FILED CAPACITY FACTORS [1]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.	Rate Schedule	Percentage of Sales at Generation (%)	Percentage of Demand at Generation (%)	Energy Related Cost ($)	Demand Related Cost ($)	Total Capacity Costs ($)	Projected Sales at Meter (kwh)	Billing KW Load Factor (%)	Projected Billed KW at Meter (KW)	Capacity Recovery Factor ($/KW)	Capacity Recovery Factor ($/kwh)	RDC ($/KW)	SDD ($/KW)
1	RS1/RTR1	54.378061%	57.632062%	10,397,997	132,242,600	142,640,597	67,365,434,409				0.00212		
2	GS1/GST1	6.996481%	7.726313%	1,337,845	17,728,808	19,066,653	8,667,484,321				0.00220		
3	GSD1/GSDT1/HLFT1/GSD1-EV	23.279624%	21.744558%	4,451,455	49,895,090	54,346,544	28,841,712,908	52.633660%	75,064,504	0.72			
4	OS2	0.008710%	0.005386%	1,666	12,359	14,025	11,010,633				0.00127		
5	GSLD1/GSLDT1/CS1/CST1/HLFT2/GSLD1-EV	7.923187%	7.467205%	1,515,046	17,134,258	18,649,305	9,826,789,195	57.652918%	23,348,957	0.80			
6	GSLD2/GSLDT2/CS2/CST2/HLFT3	2.815111%	2.276673%	538,296	5,224,057	5,762,353	3,517,753,660	66.863714%	7,206,959	0.80			
7	GSLD3/GSLDT3/CS3/CST3	0.675154%	0.525086%	129,101	1,204,863	1,333,964	862,621,863	64.456167%	1,833,298	0.73			
8	SST1T	0.043864%	0.045853%	8,388	105,215	113,602	56,043,565	12.101605%	634,395			0.09	0.04
9	SST1D1/SST1D2/SST1D3	0.001628%	0.000654%	311	1,502	1,813	2,057,529	2.665607%	105,737			0.09	0.04
10	CILC D/CILC G	2.091680%	1.611061%	399,964	3,696,743	4,096,707	2,612,109,368	71.023370%	5,038,105	0.81			
11	CILC T	1.216069%	0.854773%	232,533	1,961,364	2,193,896	1,553,730,914	76.608188%	2,778,291	0.79			
12	MET	0.057324%	0.049970%	10,961	114,662	125,623	72,462,371	54.260811%	182,938	0.69			
13	OL1/SL1/SL1M/PL1/OSI/II/LT1	0.421842%	0.000640%	80,663	1,468	82,131	522,592,572				0.00016		
14	SL2/SL2M/GSCU1	0.091265%	0.059764%	17,451	137,134	154,585	113,062,169				0.00137		
15	Total			19,121,677	229,460,123	248,581,801	124,024,865,477		116,193,185				

[1] As filed in Docket No. 20220001-EI, Exhibit RBD-8, Page 4 of 41

Totals may not add due to rounding

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF IRA CREDIT REFUND FACTOR

JANUARY 2023 IRA REFUND FACTORS

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.	Rate Schedule	Percentage of Sales at Generation (%) [1]	Percentage of Demand at Generation (%) [2]	Energy Related Cost ($) [3]	Demand Related Cost ($) [4]	Total Costs ($) [5]	Projected Sales at Meter (kwh) [6]	Billing KW Load Factor (%) [7]	Projected Billed KW at Meter (KW) [8]	Recovery Factor ($/KW) [9]	Recovery Factor ($/kwh) [10]	RDC ($/KW) [11]	SDD ($/KW) [12]
1	RS1/RTR1	54.378061%	57.632062%	(1,495,307)	(19,017,440)	(20,512,747)	5,012,547,373				(0.00409)		
2	GS1/GST1	6.996481%	7.726313%	(192,392)	(2,549,531)	(2,741,922)	655,773,782				(0.00418)		
3	GSD1/GSDT1/HLFT1/GSD1-EV	23.279624%	21.744558%	(640,151)	(7,175,274)	(7,815,425)	2,228,143,032	52.633660%	5,689,925	(1.37)			
4	OS2	0.008710%	0.005386%	(240)	(1,777)	(2,017)	887,083				(0.00227)		
5	GSLD1/GSLDT1/CS1/CST1/HLFT2/GSLD1-EV	7.923187%	7.467205%	(217,875)	(2,464,030)	(2,681,905)	780,929,911	57.652918%	1,820,614	(1.47)			
6	GSLD2/GSLDT2/CS2/CST2/HLFT3	2.815111%	2.276673%	(77,411)	(751,257)	(828,668)	276,846,040	66.863714%	556,512	(1.49)			
7	GSLD3/GSLDT3/CS3/CST3	0.675154%	0.525086%	(18,566)	(173,268)	(191,834)	63,121,335	64.456167%	131,625	(1.46)			
8	SST1T	0.043864%	0.045853%	(1,206)	(15,131)	(16,337)	4,003,357	12.101605%	44,464			(0.16)	(0.08)
9	SST1D1/SST1D2/SST1D3	0.001628%	0.000654%	(45)	(216)	(261)	170,417	2.665607%	8,593			(0.16)	(0.08)
10	CILC D/CILC G	2.091680%	1.611061%	(57,518)	(531,618)	(589,136)	216,597,416	71.023370%	409,901	(1.44)			
11	CILC T	1.216069%	0.854773%	(33,440)	(282,058)	(315,498)	130,583,261	76.608188%	229,108	(1.38)			
12	MET	0.057324%	0.049970%	(1,576)	(16,489)	(18,066)	6,120,600	54.260811%	15,161	(1.19)			
13	OL1/SL1/SL1M/PL1/OSI/II/LT1	0.421842%	0.000640%	(11,600)	(211)	(11,811)	43,763,733				(0.00027)		
14	SL2/SL2M/GSCU1	0.091265%	0.059764%	(2,510)	(19,721)	(22,230)	9,692,104				(0.00229)		
15	Total			(2,749,835)	(32,998,021)	(35,747,856)	9,429,179,444		8,905,903				
16													
17	[1] Source: Docket No. 20220001-EI, Exhibit RBD-8, Page 4 of 41												
18	[2] Source: Docket No. 20220001-EI, Exhibit RBD-8, Page 4 of 41												
19	[3] (Total Capacity Costs/13) * Col(3)												
20	[4] (Total Costs/13 * 12) * Col(4)												
21	[5] Col(5) + Col(6)												
22	[6] Projected kwh sales for the period January 2023												
23	[7] Source: Docket No. 20220001-EI, Exhibit RBD-8, Page 4 of 41												
24	[8] Col(8) / (Col(9) *744)												
25	[9] Col(7) / Col(10)												
26	[10] Col(7) / Col(8)												
27	[11] RDC = Reservation Demand Charge - (Total Col 7)/(Page 3 Total Col 9)(.10)(Page 3 Col 6)												
28	[12] SDD = Sum of Daily Demand Charge - (Total Col 7)/(Page 3 Total Col 9)/(21 on-peak days)(Page 3 Col 6)												
29													
30	Note: There are currently no customers taking service on Schedules ISST1(D) and ISST1(T). Should any customer begin taking service on these schedules during the period, they will be billed using the applicable SST1 factor.												
31													
32	Totals may not add due to rounding												

FLORIDA POWER & LIGHT COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF IRA CREDIT REFUND FACTOR

JANUARY 2023 CAPACITY FACTORS WITH IRA REFUND

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
		2023 Capacity Recovery Factors As Filed				IRA Refund Factors				January 2023 Factors with IRA			
Line No.	Rate Schedule	Capacity Recovery Factor ($/KW)	Capacity Recovery Factor ($/kwh)	RDC ($/KW)	SDD ($/KW)	Capacity Recovery Factor ($/KW)	Capacity Recovery Factor ($/kwh)	RDC ($/KW)	SDD ($/KW)	Capacity Recovery Factor ($/KW)	Capacity Recovery Factor ($/kwh)	RDC ($/KW)	SDD ($/KW)
1	RS1/RTR1		0.00212				(0.00409)				(0.00197)		
2	GS1/GST1		0.00220				(0.00418)				(0.00198)		
3	GSD1/GSDT1/HLFT1/GSD1-EV	0.72				(1.37)				(0.65)			
4	OS2		0.00127				(0.00227)				(0.00100)		
5	GSLD1/GSLDT1/CS1/CST1/HLFT2/GSLD1-EV	0.80				(1.47)				(0.67)			
6	GSLD2/GSLDT2/CS2/CST2/HLFT3	0.80				(1.49)				(0.69)			
7	GSLD3/GSLDT3/CS3/CST3	0.73				(1.46)				(0.73)			
8	SST1T			0.09	0.04			(0.16)	(0.08)			(0.07)	(0.04)
9	SST1D1/SST1D2/SST1D3			0.09	0.04			(0.16)	(0.08)			(0.07)	(0.04)
10	CILC D/CILC G	0.81				(1.44)				(0.63)			
11	CILC T	0.79				(1.38)				(0.59)			
12	MET	0.69				(1.19)				(0.50)			
13	OL1/SL1/SL1M/PL1/OSI/II/LT1		0.00016				(0.00027)				(0.00011)		
14	SL2/SL2M/GSCU1		0.00137				(0.00229)				(0.00092)		
15	Total												
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
32	Totals may not add due to rounding												

ATTACHMENT B

Proposed Tariff Sheets 8.030 and 8.030.1 for January 1, 2023

FLORIDA POWER & LIGHT COMPANY

Sixtieth Revised Sheet No. 8.030
Cancels Fifty-Ninth Revised Sheet No. 8.030

BILLING ADJUSTMENTS

The following charges are applied to the Monthly Rate of each rate schedule as indicated and are calculated in accordance with the formula specified by the Florida Public Service Commission.

RATE	FUEL			CONSERVATION		CAPACITY		ENVIRON-MENTAL	STORM PROTECTION	
SCHEDULE	¢/kWh	¢/kWh	¢/kWh	¢/kWh	$/kW	¢/kWh	$/kW	¢/kWh	¢/kWh	$/kW
	Levelized	On-Peak	Off-Peak							
RS-1, RS-1 w/RTR-1 1st 1,000 kWh	3.745			0.122		(0.197)		0.312	0.382	
RS-1, RS-1 w/ RTR-1 all addn kWh	4.745			0.122		(0.197)		0.312	0.382	
RS-1 w/RTR-1 All kWh		0.320	(0.137)	0.122		(0.197)		0.312	0.382	
GS-1	4.047			0.125		(0.198)		0.323	0.346	
GST-1		4.367	3.910	0.125		(0.198)		0.323	0.346	
GSD-1, GSD1-EV, GSD-1 w/SDTR (Jan – May)(Oct – Dec)	4.047				0.43		(0.65)	0.279		0.70
GSD-1 w/SDTR (Jun-Sept)		5.383	3.877		0.43		(0.65)	0.279		0.70
GSDT-1, HLFT-1 GSDT-1w/SDTR (Jan – May)(Oct – Dec)		4.367	3.910		0.43		(0.65)	0.279		0.70
GSDT-1 w/SDTR (Jun-Sept)		5.383	3.877		0.43		(0.65)	0.279		0.70
GSLD-1, CS-1, GSLD1-EV GSLD-1w/SDTR (Jan – May)(Oct – Dec)	4.043				0.47		(0.67)	0.281		0.73
GSLD-1 w/SDTR (Jun-Sept)		5.377	3.873		0.47		(0.67)	0.281		0.73
GSLDT-1, CST-1, HLFT-2, GSLDT-1 w/SDTR (Jan–May & Oct–Dec)		4.362	3.906		0.47		(0.67)	0.281		0.73
GSLDT-1 w/SDTR (Jun-Sept)		5.377	3.873		0.47		(0.67)	0.281		0.73
GSLD-2, CS-2, GSLD-2 w/SDTR (Jan – May)(Oct – Dec)	4.012				0.49		(0.69)	0.244		0.66
GSLD-2 w/SDTR (Jun-Sept)		5.337	3.844		0.49		(0.69)	0.244		0.66
GSLDT-2, CST-2, HLFT-3, GSLDT-2 w/SDTR (Jan – May)(Oct – Dec)		4.330	3.876		0.49		(0.69)	0.244		0.66
GSLDT-2 w/SDTR (Jun-Sept)		5.337	3.844		0.49		(0.69)	0.244		0.66
GSLD-3, CS-3	3.924				0.45		(0.73)	0.226		0.10
GSLDT-3, CST-3		4.235	3.791		0.45		(0.73)	0.226		0.10

(Continued on Sheet No. 8.030.1)

Issued by: Tiffany Cohen, Executive Director, Rate Development & Strategy
Effective:

FLORIDA POWER & LIGHT COMPANY

Thirty-Sixth Revised Sheet No. 8.030.1
Cancels Thirty-Fifth Revised Sheet No. 8.030.1

(Continued from Sheet No. 8.030)

BILLING ADJUSTMENTS (Continued)

RATE	FUEL			CONSERVATION			CAPACITY			ENVIRON-MENTAL	STORM PROTECTION		
SCHEDULE	¢/kWh	¢/kWh	¢/kWh	¢/kWh	$/kW	$/kW	¢/kWh	$/kW	$/kW	¢/kWh	¢/kWh	$/kW	$/kW
	Levelized	On-Peak	Off-Peak										
OS-2	4.012			0.085			(0.100)			0.211	0.815		
MET	4.012				0.42			(0.50)		0.258		0.74	
CILC-1(G)		4.367	3.910		0.51			(0.63)		0.234		0.68	
CILC-1(D)		4.331	3.877		0.51			(0.63)		0.234		0.68	
CILC-1(T)		4.235	3.791		0.51			(0.59)		0.208		0.11	
SL-1,OL-1, RL-1, PL- 1/SL-1M, LT-1,OS I/II	3.983			0.038			(0.011)			0.044	0.288		
SL-2, GSCU-1/SL- 2M	4.047			0.090			(0.092)			0.207	0.316		
					RDC	DDC		RDC	DDC			RDC	DDC
SST-1(T)		4.235	3.791		0.05	0.03		(0.07)	(0.04)	0.292		0.01	0.01
SST-1(D1)		4.367	3.910		0.05	0.03		(0.07)	(0.04)	0.565		0.12	0.05
SST-1(D2)		4.362	3.906		0.05	0.03		(0.07)	(0.04)	0.565		0.12	0.05
SST-1(D3)		4.330	3.876		0.05	0.03		(0.07)	(0.04)	0.565		0.12	0.05
ISST-1(D)		4.331	3.877		0.05	0.03		(0.07)	(0.04)	0.565		0.12	0.05
ISST-1(T)		4.235	3.791		0.05	0.03		(0.07)	(0.04)	0.292		0.01	0.01

(Continued on Sheet No. 8.030.2)

Issued by: Tiffany Cohen, Executive Director, Rate Development & Strategy
Effective:

Proposed Tariff Sheets 8.030 and 8.030.1 for February 1, 2023

FLORIDA POWER & LIGHT COMPANY

Sixty-First Revised Sheet No. 8.030
Cancels Sixtieth Revised Sheet No. 8.030

BILLING ADJUSTMENTS

The following charges are applied to the Monthly Rate of each rate schedule as indicated and are calculated in accordance with the formula specified by the Florida Public Service Commission.

RATE	FUEL			CONSERVATION		CAPACITY		ENVIRON-MENTAL	STORM PROTECTION	
SCHEDULE	¢/kWh	¢/kWh	¢/kWh	¢/kWh	$/kW	¢/kWh	$/kW	¢/kWh	¢/kWh	$/kW
	Levelized	On-Peak	Off-Peak							
RS-1, RS-1 w/RTR-1 1st 1,000 kWh	3.745			0.122		0.212		0.312	0.382	
RS-1, RS-1 w/ RTR-1 all addn kWh	4.745			0.122		0.212		0.312	0.382	
RS-1 w/RTR-1 All kWh		0.320	(0.137)	0.122		0.212		0.312	0.382	
GS-1	4.047			0.125		0.220		0.323	0.346	
GST-1		4.367	3.910	0.125		0.220		0.323	0.346	
GSD-1, GSD1-EV, GSD-1 w/SDTR (Jan – May)(Oct – Dec)	4.047				0.43		0.72	0.279		0.70
GSD-1 w/SDTR (Jun-Sept)		5.383	3.877		0.43		0.72	0.279		0.70
GSDT-1, HLFT-1 GSDT-1w/SDTR (Jan – May)(Oct – Dec)		4.367	3.910		0.43		0.72	0.279		0.70
GSDT-1 w/SDTR (Jun-Sept)		5.383	3.877		0.43		0.72	0.279		0.70
GSLD-1, CS-1, GSLD1-EV GSLD-1w/SDTR (Jan – May)(Oct – Dec)	4.043				0.47		0.80	0.281		0.73
GSLD-1 w/SDTR (Jun-Sept)		5.377	3.873		0.47		0.80	0.281		0.73
GSLDT-1, CST-1, HLFT-2, GSLDT-1 w/SDTR (Jan–May & Oct–Dec)		4.362	3.906		0.47		0.80	0.281		0.73
GSLDT-1 w/SDTR (Jun-Sept)		5.377	3.873		0.47		0.80	0.281		0.73
GSLD-2, CS-2, GSLD-2 w/SDTR (Jan – May)(Oct – Dec)	4.012				0.49		0.80	0.244		0.66
GSLD-2 w/SDTR (Jun-Sept)		5.337	3.844		0.49		0.80	0.244		0.66
GSLDT-2, CST-2, HLFT-3, GSLDT-2 w/SDTR (Jan – May)(Oct – Dec)		4.330	3.876		0.49		0.80	0.244		0.66
GSLDT-2 w/SDTR (Jun-Sept)		5.337	3.844		0.49		0.80	0.244		0.66
GSLD-3, CS-3	3.924				0.45		0.73	0.226		0.10
GSLDT-3, CST-3		4.235	3.791		0.45		0.73	0.226		0.10

(Continued on Sheet No. 8.030.1)

Issued by: Tiffany Cohen, Executive Director, Rate Development & Strategy
Effective:

FLORIDA POWER & LIGHT COMPANY

Thirty-Seventh Revised Sheet No. 8.030.1
Cancels Thirty-Sixth Revised Sheet No. 8.030.1

(Continued from Sheet No. 8.030)

BILLING ADJUSTMENTS (Continued)

RATE	FUEL			CONSERVATION			CAPACITY			ENVIRON-MENTAL	STORM PROTECTION		
SCHEDULE	¢/kWh	¢/kWh	¢/kWh	¢/kWh	$/kW	$/kW	¢/kWh	$/kW	$/kW	¢/kWh	¢/kWh	$/kW	$/kW
	Levelized	On-Peak	Off-Peak										
OS-2	4.012			0.085			0.127			0.211	0.815		
MET	4.012				0.42			0.69		0.258		0.74	
CILC-1(G)		4.367	3.910		0.51			0.81		0.234		0.68	
CILC-1(D)		4.331	3.877		0.51			0.81		0.234		0.68	
CILC-1(T)		4.235	3.791		0.51			0.79		0.208		0.11	
SL-1,OL-1, RL-1, PL- 1/SL-1M, LT-1,OS I/II	3.983			0.038			0.016			0.044	0.288		
SL-2, GSCU-1/SL- 2M	4.047			0.090			0.137			0.207	0.316		
					RDC	DDC		RDC	DDC			RDC	DDC
SST-1(T)		4.235	3.791		0.05	0.03		0.09	0.04	0.292		0.01	0.01
SST-1(D1)		4.367	3.910		0.05	0.03		0.09	0.04	0.565		0.12	0.05
SST-1(D2)		4.362	3.906		0.05	0.03		0.09	0.04	0.565		0.12	0.05
SST-1(D3)		4.330	3.876		0.05	0.03		0.09	0.04	0.565		0.12	0.05
ISST-1(D)		4.331	3.877		0.05	0.03		0.09	0.04	0.565		0.12	0.05
ISST-1(T)		4.235	3.791		0.05	0.03		0.09	0.04	0.292		0.01	0.01

(Continued on Sheet No. 8.030.2)

Issued by: Tiffany Cohen, Executive Director, Rate Development & Strategy
Effective:

ATTACHMENT C

FLORIDA POWER & LIGHT COMPANY
INFLATION REDUCTION ACT REFUND
RESIDENTIAL BILL COMPARISON

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

		WITH IRA		DIFFERENCE		DIFFERENCE	
	AS FILED	JAN	FEB - DEC	AS-FILED v JAN 2023		JAN 2023 v FEB-DEC 2023	
FPL	2023 [1]	2023	2023	$	%	$	%
BASE	$80.73	$80.11	$80.11	($0.62)	-0.8%	$0.00	0.0%
FUEL COST RECOVERY	$37.45	$37.45	$37.45	$0.00	0.0%	$0.00	0.0%
ENERGY CONSERVATION COST RECOVERY	$1.22	$1.22	$1.22	$0.00	0.0%	$0.00	0.0%
CAPACITY COST RECOVERY	$2.12	($1.97)	$2.12	($4.09)	-192.9%	$4.09	192.9%
ENVIRONMENTAL COST RECOVERY	$3.12	$3.12	$3.12	$0.00	0.0%	$0.00	0.0%
STORM PROTECTION PLAN COST RECOVERY	$3.82	$3.82	$3.82	$0.00	0.0%	$0.00	0.0%
TRANSITION RIDER	($1.58)	($1.58)	($1.58)	$0.00	0.0%	$0.00	0.0%
SUBTOTAL	$126.88	$122.17	$126.26	($4.71)	-3.7%	$4.09	3.2%
GROSS RECEIPTS TAX/RAF	$3.35	$3.22	$3.33	($0.13)	-3.9%	$0.11	3.3%
TOTAL	**$130.23**	**$125.39**	**$129.59**	**($4.84)**	**-3.7%**	**$4.20**	**3.2%**

[1] As filed in Docket No. 20220001-EI, Exhibit RBD-7, Page 161 of 168

FLORIDA POWER & LIGHT COMPANY
INFLATION REDUCTION ACT REFUND
RESIDENTIAL BILL COMPARISON

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

		WITH IRA		DIFFERENCE		DIFFERENCE	
	AS FILED	JAN	FEB - DEC	AS-FILED v JAN 2023		JAN 2023 v FEB-DEC 2023	
NWFL	2023 [1]	2023	2023	$	%	$	%
BASE	$80.73	$80.11	$80.11	($0.62)	-0.8%	$0.00	0.0%
FUEL COST RECOVERY	$37.45	$37.45	$37.45	$0.00	0.0%	$0.00	0.0%
ENERGY CONSERVATION COST RECOVERY	$1.22	$1.22	$1.22	$0.00	0.0%	$0.00	0.0%
CAPACITY COST RECOVERY	$2.12	($1.97)	$2.12	($4.09)	-192.9%	$4.09	192.9%
ENVIRONMENTAL COST RECOVERY	$3.12	$3.12	$3.12	$0.00	0.0%	$0.00	0.0%
STORM PROTECTION PLAN COST RECOVERY	$3.82	$3.82	$3.82	$0.00	0.0%	$0.00	0.0%
STORM RESTORATION SURCHARGE	$11.00	$11.00	$11.00	$0.00	0.0%	$0.00	0.0%
TRANSITION RIDER	$16.85	$16.85	$16.85	$0.00	0.0%	$0.00	0.0%
SUBTOTAL	$156.31	$151.60	$155.69	($4.71)	-3.0%	$4.09	2.6%
GROSS RECEIPTS TAX/RAF	$4.12	$4.00	$4.12	($0.12)	-2.9%	$0.12	2.9%
TOTAL	**$160.43**	**$155.60**	**$159.81**	**($4.83)**	**-3.0%**	**$4.21**	**2.6%**

[1] As filed in Docket No. 20220001-EI, Exhibit RBD-7, Page 162 of 168

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 70
PARTY: OPC-70
DESCRIPTION: IOU Mid-Course Correction Letter

EXHIBIT NO. 70

DOCKET NOS: 20220001-EI

WITNESS: Bores, Yupp, Dean, Rusk

PARTY: FPL, DEF, TECO, FPUC

DESCRIPTION: IOU Mid-Course Correction Letter

PROFFERED BY: OPC

FILED 4/15/2022
DOCUMENT NO. 02477-2022
FPSC - COMMISSION CLERK

Maria Jose Moncada
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April 15, 2022

-VIA ELECTRONIC FILING -

Adam Teitzman
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

Re: Docket No. 20220001-EI

Dear Mr. Teitzman:

Pursuant to Section 25-6.0424(2) of the Florida Administrative Code, Florida Power & Light Company ("FPL") provides notice that a greater than ten percent under-recovery is projected to occur for the period ending December 31, 2022. This projection is based on actual data through March 2022 and updated estimates through December 2022 using the NYMEX settlement prices for natural gas as of April 1, 2022. Because both domestic conditions and recent international events have sharply impacted the natural gas market, FPL believes filing a petition for mid-course correction at this time is not practical. Instead, it is more appropriate to continue to monitor the market to determine whether the impact of these conditions will moderate, such that a future fuel forecast may mitigate the projected fuel costs to be recovered for the period.

If there are any questions regarding this transmittal, please contact me at (561) 304-5795.

Sincerely,

s/ Maria Jose Moncada
Maria Jose Moncada

Attachments
cc: Counsel for Parties of Record

CERTIFICATE OF SERVICE
Docket No. 20220001-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by electronic service on this 15th day of April 2022 to the following:

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By: *s Maria Jose Moncada*
Maria Jose Moncada
Florida Bar No. 0773301

FILED 3/29/2022
DOCUMENT NO. 02134-2022
FPSC - COMMISSION CLERK

DUKE ENERGY FLORIDA

Matthew R. Bernier
ASSOCIATE GENERAL COUNSEL

March 29, 2022

VIA ELECTRONIC FILING

Adam J. Teitzman, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: *Notice Pursuant to Rule 25-6.0424(2), Florida Administrative Code; Docket No. 20220001-EI*

Dear Mr. Teitzman:

Pursuant to Rule 25-6.0424(2), Fla. Admin. Code, I write to inform the Commission that Duke Energy Florida ("DEF" or the "Company") has calculated a 2022 projected fuel clause under-recovery in excess of 10%. Nonetheless, for the reasons explained below, DEF does not believe a mid-course correction is warranted or practical at this time but believes it is more appropriate for the Company to continue to monitor the under-recovery balance.

Based on fuel prices at the close of business on January 13, 2022, and updated for actuals through February 2022, DEF calculated a projected fuel clause under-recovery of approximately 12% for the period ending December 31, 2022, based primarily on increases in natural gas prices. DEF continues to monitor natural gas prices and has observed that since January 13th prices have been very volatile. External events, such as the Russian invasion of Ukraine, have contributed to this volatility. While DEF cannot predict whether natural gas prices will decrease enough to avoid a midcourse correction, it does believe there is a chance that waiting and analyzing the natural gas price forecast at a future date may mitigate (although not entirely avoid) the amount of costs it must recover from customers in this request.

DEF believes that the volatility of natural gas prices warrants the maintaining of the current fuel clause recovery factors as established by the Commission in Order No. PSC-2022-0061-PCO-EI. As mentioned above, DEF will continue to monitor fuel prices and reserves the right to seek

106 East College Avenue, Suite 800 • Tallahassee, Florida 32301
Phone: 850.521.1428 • Fax: 727.820.5041 • Email: matthew.bernier@duke-energy.com

appropriate relief should prices fail to materially decrease resulting in the projected under-recovery remaining above the 10% trigger.

Please feel free to call me at (850) 521-1428 should you have any questions concerning this filing.

Respectfully,

s/ Matthew R. Bernier

Matthew R. Bernier

MRB/mw

CERTIFICATE OF SERVICE
Docket No. 20220001-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 29th day of March, 2022.

s/ Matthew R. Bernier
Attorney

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FILED 4/21/2022
DOCUMENT NO. 02571-2022
FPSC - COMMISSION CLERK

AUSLEY & MCMULLEN

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(850) 224-9115 FAX (850) 222-7560

April 21, 2022

ELECTRONIC FILING

Mr. Adam J. Teitzman
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: Docket 20220001-EI, Fuel and purchased power cost recovery clause with generating performance incentive factor

Dear Mr. Teitzman:

Tampa Electric Company ("Tampa Electric" or "the company") is keenly aware of the impact that increasing natural gas prices has on our customers and is carefully following international events, domestic conditions, and their impact on natural gas prices. However, based on its latest forecast, Tampa Electric hereby gives notice pursuant to Section 25-6.0424(2), Florida Administrative Code, that an under-recovery of greater than 10 percent is projected to occur for the period ending December 31, 2022, absent modification to the company's 2022 revised cost recovery factors as approved by Order No. PSC-2022-0122-PCO-EI, issued March 18, 2022. This forecast is based on actual data through March 2022 and updated estimates through December 2022 based on natural gas futures prices as of March 29, 2022.

Since March 29th, fuel prices have continued to escalate. Due to the current volatility in the natural gas market, the company will continue to monitor fuel prices in the hope that market prices will return to lower levels and mitigate the impact of a mid-course correction on customer bills.

Sincerely,

Malcolm N. Means

Malcolm N. Means

cc: All Parties of Record

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that on behalf of Tampa Electric Company, a true and correct copy of the foregoing letter has been furnished by electronic mail on this 21st day of April 2022 to the following:

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Malcolm N. Means

ATTORNEY

FILED 5/18/2022
DOCUMENT NO. 03023-2022
FPSC - COMMISSION CLERK

GUNSTER
FLORIDA'S LAW FIRM FOR BUSINESS

Writer's Direct Dial Number: (850) 521-1706
Writer's E-Mail Address: bkeating@gunster.com

May 18, 2022

BY ELECTRONIC FILING

Mr. Adam Teitzman, Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: **Docket No. 20220001-EI: Fuel and purchased power cost recovery clause with generating performance incentive factor.**

Dear Mr. Teitzman:

Pursuant to Rule 25-6.0424(2), Florida Administrative Code, Florida Public Utilities Company ("FPUC") hereby provides notice to the Commission that it projects a greater than ten percent under-recovery for the period ending December 31, 2022. This projection is based on actuals through March 2022, as well as updated projections based upon the prices for natural gas as of April 1, 2022, and the correlating impact on pricing for power delivered to FPUC under its current purchase power agreements. FPUC anticipates filing a petition requesting a mid-course correction in short order, as it does not anticipate future conditions will mitigate the projected fuel costs and anticipated under-recovery for the period.

Thank you for your assistance with this filing. As always, please don't hesitate to let me know if you have any questions whatsoever.

Sincerely,

Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 South Monroe St., Suite 601
Tallahassee, FL 32301
(850) 521-1706

MEK
cc:(Certificate of Service)

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of Florida Public Utilities Company's letter providing notification of under-recovery, pursuant to Rule 25-6.0424, F.A.C., has been furnished by Electronic Mail to the following parties of record this 18th day of May, 2022:

Suzanne Brownless Ryan Sandy Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, FL 32399-0850 sbrownle@psc.state.fl.us rsandy@psc.state.fl.us	J. Jeffry Wahlen/Malcolm Means Ausley Law Firm Post Office Box 391 Tallahassee, FL 32302 jwahlen@ausley.com mmeans@ausley.com
Richard Gentry/P. Christensen/A. Pirrello/S. Morse/Charles Rehwinkel Office of Public Counsel c/o The Florida Legislature 111 W. Madison Street, Room 812 Tallahassee, FL 32399-1400 Gentry.Richard@leg.state.fl.us Rehwinkel.Charles@leg.state.fl.us Christensen.patty@leg.state.fl.us Morse.stephanie@leg.state.fl.us Pirrello.Anastacia@leg.state.fl.us	James W. Brew/Laura Baker Stone Matheis Xenopoulos & Brew, PC Eighth Floor, West Tower 1025 Thomas Jefferson Street, NW Washington, DC 20007 jbrew@smxblaw.com lwb@smxblaw.com
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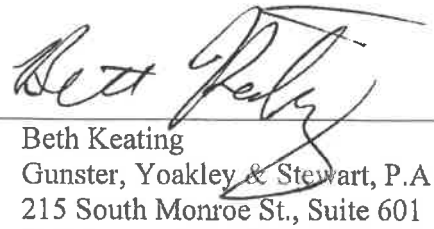
By: 

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FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 71
PARTY: OPC-71
DESCRIPTION: Rule 25-6.0424, F.A.C. (Mid-Course Correction Rule)

EXHIBIT NO. 71

DOCKET NOS: 20220001-EI

WITNESS: Bores, Yupp, Dean, Rusk

PARTY: FPL, DEF, TECO, FPUC

DESCRIPTION: Rule 25-6.0424, FA.C.
(Mid-Course Correction Rule)

PROFFERED BY: OPC

25-6.0424 Petition for Mid-Course Correction.

(1) To request a mid-course correction to the fuel cost recovery or capacity cost recovery factors, a utility shall file a petition for mid-course correction which shall contain the following information:

(a) The estimated percentage of year-end over-recovery or under-recovery calculated using the estimated End-of-Period Total Net True-up divided by the current period's total actual and estimated Jurisdictional Fuel Revenue Applicable to Period. The estimated End-of-Period Total Net True-up consists of the difference between estimated and actual prior-period net true-ups, plus the estimated current-period monthly over/under-recoveries, plus the estimated current-period interest. The total actual and estimated Jurisdictional Fuel Revenue Applicable to Period consists of the best estimate of reprojected revenues for the period using the current cost recovery factor. The appropriate method to determine the over-recovery or under-recovery percentage for capacity costs is to make a similar percent calculation using up-to-date capacity cost recovery revenue and true-up amounts.

(b) The appropriate schedules from Form PSC/AFD 009-E (07/10) reflecting the estimated End-of-Period Total Net True-up based upon current cost recovery factors and revised fuel expenses. For a fuel mid-course correction, schedules E1 through E10 shall be filed. For a capacity mid-course correction, schedules E12-A through E12-E shall be filed. Form PSC/ECR 009-E (07/10), incorporated by reference in this rule and entitled "Mid-Course Correction Schedules," may be obtained from the Commission's Division of Accounting and Finance.

(2) In the event that the absolute value of the over-recovery or under-recovery either for fuel cost recovery or capacity cost recovery is 10 percent or greater, the utility shall promptly notify the Commission by letter delivered to the Commission Clerk. The notification of a 10 percent or greater estimated over-recovery or under-recovery shall include a petition for mid-course correction to the fuel cost recovery or capacity cost recovery factors, or shall include an explanation of why a mid-course correction is not practical. This section in no way precludes a utility from requesting a mid-course correction prior to reaching the 10 percent threshold requiring Commission notification.

(3) When filing a petition for mid-course correction to the fuel cost recovery or capacity cost recovery factors, a utility shall file 10 copies of the petition with the Office of Commission Clerk, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850, and an electronic copy with the Commission Clerk at Clerk@psc.state.fl.us. The Director of the Division of Accounting and Finance shall be the designee of the Commission for purposes of determining whether the utility has met the minimum filing requirements imposed by this rule.

Rulemaking Authority 350.127(2), 366.06(1) FS. Law Implemented 366.041, 366.05(1), 366.06(1), 366.076 FS. History–New 7-19-10.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 72
PARTY: OPC-72
DESCRIPTION: July 27, 2022 Estimated/Actual Petition (without attachments)

EXHIBIT NO. 72

DOCKET NOS: 20220001-EI

WITNESS: Bores, Yupp, Dean, Rusk

PARTY: FPL, DEF, TECO, FPUC

DESCRIPTION: July 27, 2022 Estimated /Actual Petition (without attachments)

PROFFERED BY: OPC

FILED 7/27/2022
DOCUMENT NO. 05039-2022
FPSC - COMMISSION CLERK

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July 27, 2022

-VIA ELECTRONIC FILING-

Adam Teitzman
Division of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

Re: Docket No. 20220001-EI

Dear Mr. Teitzman:

I attach for electronic filing in the above docket Florida Power & Light Company's ("FPL") Fuel Cost Recovery 2022 Actual/Estimated True-up Calculation and Request for Approval of its Capacity Cost Recovery 2022 Actual/Estimated True-Up and FPL's 2023 Risk Management Plan, along with the prepared testimony and exhibits of FPL witnesses Renae B. Deaton and Dean Curtland.

FPL's 2023 Risk Management Plan, which will be sponsored by Gerard J. Yupp as Exhibit GJY-2 to his 2023 Projection testimony, contains confidential information. This electronic filing includes only the redacted version of the attachments to GJY-2. Contemporaneously with this submittal, FPL will file via hand-delivery a Request for Confidential Classification.

Please contact me if you have or your Staff has any questions regarding this filing.

Sincerely,

s/ Maria Jose Moncada
Maria Jose Moncada

Attachments
cc: Counsel for Parties of Record (w/ attachments)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance Incentive Factor	Docket No: 20220001-EI Filed: July 27, 2022

FLORIDA POWER & LIGHT COMPANY'S FUEL COST RECOVERY 2022 ACTUAL/ESTIMATED TRUE-UP CALCULATION, AND REQUEST FOR APPROVAL OF ITS CAPACITY COST RECOVERY 2022 ACTUAL/ESTIMATED TRUE-UP AND 2023 RISK MANAGEMENT PLAN

Florida Power & Light Company ("FPL") hereby provides the calculation of its actual/estimated Fuel and Purchased Power Cost Recovery ("FCR") true-up of $1,658,287,443 under-recovery, including interest, for the period January 2022 through December 2022, and petitions the Florida Public Service Commission ("Commission") for approval of (1) its actual/estimated Capacity Cost Recovery ("CCR") net true-up of $3,225,380 under-recovery, including interest, for the period January 2022 through December 2022 and (2) approval of its 2023 Risk Management Plan. In support of this petition, FPL incorporates the prepared testimony and exhibits of FPL witnesses Renae B. Deaton and Dean Curtland.

Fuel Cost Recovery Actual/Estimated True-Up Calculation

1. Pursuant to Order No. PSC-2022-0052-PCO-EI dated February 7, 2022, FPL hereby provides the calculation of its current-year FCR actual/estimated true-up. As explained below, based on current information, FPL estimates a greater than ten percent FCR under-recovery for the period ending December 31, 2022 but will not be seeking a midcourse correction to collect any portion of the under-recovery during 2022. Nor does FPL request that the Commission include any portion of this under-recovery in the calculation of FPL's FCR factor that will be the subject of the November hearing in this proceeding.

2. FPL prepared its calculation in accordance with the methodology set forth in Schedule 1, page 2 of 2, attached to Order No. 10093, dated June 19, 1981. FPL calculates a $1,658,287,443 actual/estimated FCR under-recovery for the current year, which exceeds the ten percent threshold for corrective action set forth in Rule 25-6.0424, F.A.C. This calculation is based on actual data for the period January 2022 through June 2022 and revised estimates for the period July 2022 through December 2022, using NYMEX settlement prices for natural gas as of June 21, 2022.

3. As FPL described in its notice dated April 15, 2022, both domestic conditions and international events have sharply impacted the natural gas market. At the time FPL provided its notice pursuant to Rule 25-6.0424, the Company expressed that filing a petition for midcourse correction was not practical. The natural gas market has not stabilized in the intervening three months. In fact, market conditions have grown even more volatile since then.

4. Accordingly, FPL believes it is appropriate to continue to monitor the market to determine whether the impact of these conditions will moderate, such that a future fuel forecast may mitigate the projected fuel costs to be recovered. Under these extraordinary circumstances, it is also appropriate for FPL to continue to update its fuel cost calculation with additional data reflecting actual gas prices, actual sales and actual revenues. Doing so will mitigate the possibility that FPL's forecast will result in a significant over-recovery in the event the market begins to moderate as the year progresses.

5. FPL therefore will not seek a midcourse correction to collect any portion of this under-recovery during the 2022 calendar year. FPL also does not request inclusion of any portion of this under-recovery in the FCR factor that will be considered by the Commission during the November hearing in this docket, and which will become effective January 2023. Instead, at the

appropriate time toward the end of 2022 or beginning of 2023, FPL will file a request for recovery based on an updated calculation, to be considered by the Commission in early 2023 for implementation following the customer notice period.

Request for Approval of Capacity Cost Recovery 2022 Actual/Estimated Net True-up

6. FPL requests approval of its actual/estimated $2,922,069 CCR under-recovery for the period January 2022 through December 2022. It is based on actual data for the period January 2022 through June 2022 and revised estimates for the period July 2022 through December 2022, and was calculated in accordance with the methodology set forth in Order No. 25773 dated February 24, 1992. The supporting documentation is contained in the prepared testimony and exhibit of FPL witness Deaton, which are being filed together with this Petition and are incorporated herein.

7. The total CCR under-recovery that FPL requests be carried forward and included in the CCR factors for January 2023 through December 2023 is $3,225,380. This consists of the $2,922,069 actual/estimated under-recovery for 2022 plus the final combined net under-recovery of $303,311 for pre-consolidated FPL and pre-consolidated Gulf for the period January 2021 through December 2021, which was filed in this docket on April 1, 2022.

Request for Approval of 2023 Risk Management Plan

8. Consistent with the Hedging Order Clarification Guidelines approved in Order No. PSC-08-0667-PAA-EI issued on October 8, 2008, FPL's 2023 Risk Management Plan is included as Exhibit GJY-2 and will be sponsored by FPL witness Gerard J. Yupp in his 2023 projection testimony that will be filed September 2, 2022. FPL's 2023 Risk Management Plan provides appropriate guidance and should be approved.

WHEREFORE, Florida Power & Light Company respectfully requests that the Commission approve (1) an under-recovery of $3,225,380, including interest, as the

actual/estimated net CCR true-up amount for the period January 2022 through December 2022; and (2) FPL's 2023 Risk Management Plan.

Respectfully submitted,

Maria Jose Moncada
Managing Attorney
David Lee
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700 Universe Boulevard
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Telephone: (561) 304-5795
Facsimile: (561) 691-7135

By: *s/ Maria Jose Moncada*
Maria Jose Moncada
Florida Bar No. 0773301

CERTIFICATE OF SERVICE
Docket No. 20220001-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by electronic service on this 27th day of July 2022 to the following:

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By: *s/ Maria Jose Moncada*
Maria Jose Moncada
Florida Bar No. 0773301

FILED 7/27/2022
DOCUMENT NO. 05043-2022
FPSC - COMMISSION CLERK

DUKE ENERGY FLORIDA

Stephanie A. Cuello
SENIOR COUNSEL

July 27, 2022

VIA ELECTRONIC FILING

Adam J. Teitzman, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: *Fuel and Purchased Power Cost Recovery Clause with Generating Performance Incentive Factor; Docket No. 20220001-EI*

Dear Mr. Teitzman:

On behalf of Duke Energy Florida, LLC ("DEF"), please find attached for electronic filing in the above-referenced docket:

- DEF's Petition for Approval of Fuel Cost Recovery and Capacity Cost Recovery Actual/Estimated True-Up for the Period January 2022 Through December 2022; and
- Direct Testimony of Gary P. Dean and Exhibit No. __ (GPD-2, Parts 1 and 2).

Thank you for your assistance in this matter. Please feel free to call me at (850) 521-1428 should you have any questions concerning this filing.

Respectfully,

s/ Stephanie A. Cuello

Stephanie A. Cuello

SAC/ts
Attachments

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and Purchase Power	:	DOCKET NO. 20220001-EI
Cost Recovery Clause and Generating	:	
Performance Incentive Factor	:	Filed: July 27, 2022

PETITION FOR APPROVAL OF FUEL COST RECOVERY AND CAPACITY COST RECOVERY ACTUAL/ESTIMATED TRUE-UP FOR THE PERIOD JANUARY 2022 THROUGH DECEMBER 2022

Duke Energy Florida, LLC ("DEF") hereby petitions the Commission for approval of its actual/estimated Fuel and Purchased Power Cost Recovery True-Up of $1,308,956,670 under-recovery and approval of its actual/estimated Capacity Cost Recovery true-up of $6,747,100 over-recovery for the period January 2022 through December 2022. In support of this petition, DEF states the following:

1. By Order No. PSC-99-2512-FOF-EI, dated December 22, 1999, utilities are directed to file current year estimated true-up data at least 90 days prior to each annual Fuel and Capacity Cost Recovery hearing. The hearing in this docket is scheduled for November 1 through 3, 2022.

2. The actual/estimated under-recovery $1,308,956,670 in the fuel cost recovery for the period January 2022 through December 2022 was calculated in accordance with the methodology set forth in Schedule 1, attached to Order 10093, dated June 19, 1981. It is based on actual data for the period January 2022 through June 2022 and re-estimated data for the period July 2022 through December 2022. The supporting documentation is contained in the prepared direct testimony and exhibits of DEF witness Gary P. Dean which is being filed together with this Petition.

3. The actual/estimated $6,747,100 over-recovery for the period January 2022 through December 2022 was calculated in accordance with the methodology set forth in Order No. 25773 dated February 24, 1992. It is based on actual data for the period January 2022 through June 2022 and re-estimated data for the period July 2022 through December 2022. The supporting documentation is contained in the prepared direct testimony and exhibits of DEF witness Gary P. Dean.

WHEREFORE, Duke Energy Florida, LLC respectfully requests the Commission:

1. Approve the $1,308,956,670 under-recovery as the actual/estimated fuel cost recovery true-up amount for the period January 2022 through December 2022.
2. Approve the $6,747,100 over-recovery as the actual/estimated capacity cost recovery true-up amount for the period January 2022 through December 2022.

Respectfully,

s/ Stephanie A. Cuello

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Attorneys for Duke Energy Florida, LLC

CERTIFICATE OF SERVICE

Docket No. 20220001-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 27th day of July 2022.

s/ Stephanie A. Cuello
Attorney

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FPSC - COMMISSION CLERK

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July 27, 2022

VIA: ELECTRONIC FILING

Mr. Adam J. Teitzman
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance Incentive Factor; FPSC Docket No. 20220001-EI

Dear Mr. Teitzman:

Attached for filing in the above docket, on behalf of Tampa Electric Company, is the following:

1. Petition of Tampa Electric Company

2. Prepared Direct Testimony and Exhibit of M. Ashley Sizemore regarding Fuel and Purchased Power Cost Recovery and Capacity Cost Recovery Actual/Estimated True-Up for the Period January 2022 through December 2022.

Thank you for your assistance in connection with this matter.

Sincerely,

Malcolm N. Means

Malcolm N. Means

MNM/bmp
Attachment

cc: All Parties of Record (w/attachment)

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Testimony and Exhibit of M. Ashley Sizemore, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 27th day of July 2022, to the following:

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Melissa A. Means

ATTORNEY

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance Incentive Factor.	))))	DOCKET NO. 20220001-EI FILED: July 27, 2022

PETITION OF TAMPA ELECTRIC COMPANY

Tampa Electric Company ("Tampa Electric" or "company"), hereby petitions the Commission for approval of the company's actual/estimated fuel and purchased power cost recovery and capacity cost recovery true-up amounts for the period January 2022 through December 2022. In support thereof, Tampa Electric incorporates the prepared direct testimony and exhibit of Tampa Electric witness M. Ashley Sizemore.

Fuel and Purchased Power Cost Recovery

1. Tampa Electric projects an actual/estimated true-up amount for the January 2022 through December 2022 period, which is based on actual data for the period January 1, 2022 through June 30, 2022 and revised estimates for the period July 1, 2022 through December 31, 2022 and inclusive of the mid-course correction true-up adjustments of the current period, to be an under-recovery of $411,964,625. (See Exhibit No. MAS-2, Document No. 1, Schedule E-1A.)

Capacity Cost Recovery

2. Tampa Electric projects a true-up amount for the January 2022 through December 2022 period, which is based on actual data for the period January 1, 2022 through June 30, 2022 and revised estimates for the period July 1, 2022 through December 31, 2022 and inclusive of the mid-course correction true-up adjustments to the current period, to be an over-recovery of $3,967,826. (See Exhibit No. MAS-2, Document No. 2, Page 1 of 4, Line 6.)

3. Tampa Electric is not aware of any disputed issues of material fact regarding any of the matters stated or relief requested in this petition.

WHEREFORE, Tampa Electric Company requests that the Commission approve Tampa Electric's actual/estimated true-up amounts for fuel and purchased power cost recovery and capacity cost recovery for the period January 1, 2022 through December 31, 2022.

DATED this 27th day of July 2022.

Respectfully submitted,

Malcolm N. Means

J. JEFFRY WAHLEN
MALCOLM N. MEANS
VIRGINIA PONDER
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ATTORNEYS FOR TAMPA ELECTRIC COMPANY

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the foregoing Petition, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 27th day of July, 2022, to the following:

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Malcolm N. Means

ATTORNEY

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July 27, 2022

BY E-PORTAL

Mr. Adam Teitzman
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: **Docket No. 20220001-EI: Fuel and Purchased Power Cost Recovery Clause with Generating Performance Incentive Factor**

Dear Mr. Teitzman:

Attached for filing, please find the Petition for Approval of Actual/Estimated True-Up Amount submitted on behalf of Florida Public Utilities Company, along with the Direct Testimony and Exhibit CDY-2 of Mr. Curtis Young.

Thank you for your assistance with this filing. As always, please don't hesitate to let me know if you have any questions whatsoever.

Sincerely,

Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 South Monroe St., Suite 601
Tallahassee, FL 32301
(850) 521-1706

MEK
cc:/(Certificate of Service)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost recovery clause with generating performance incentive factor.	DOCKET NO. 20220001-EI DATED: July 27, 2022

FLORIDA PUBLIC UTILITIES COMPANY'S
PETITION FOR APPROVAL
OF FUEL ADJUSTMENT AND PURCHASED POWER COST RECOVERY
ESTIMATED/ACTUAL TRUE-UP AMOUNT

Florida Public Utilities Company (FPUC or Company), by and through its undersigned counsel, hereby files this Petition asking the Florida Public Service Commission (FPSC or Commission) for approval of FPUC's fuel adjustment and purchased power cost recovery estimated true-up amount for the period January 2022 through December 2022. In support of this request, the Company hereby states:

1) FPUC is an electric utility subject to the Commission's jurisdiction. Its principal business address is:

Florida Public Utilities Company
208 Wildlight Ave.
Yulee, FL 32097

2) The name and mailing address of the persons authorized to receive notices are:

Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 South Monroe St., Suite 601
Tallahassee, FL 32301
(850) 521-1706

Mike Cassel
Florida Public Utilities Company
208 Wildlight Ave
Yulee, FL 32097

3) Consistent with the requirements for this proceeding, the Company has prefiled the fuel adjustment and purchased power cost recovery true-up forms supplied by the Commission consistent with the requirements for such filings.

4) In accordance with Order No. PSC-2022-0052-PCO-EI, issued February 7, 2022, the Company is also submitting, contemporaneously with this Petition, the Direct Testimony and Exhibit CDY-2 of Mr. Curtis D. Young in support of the Company's request for approval of the requested actual/estimated true-up amount.

5) The final true-up amount for the period January 2021 through December 2021 is a consolidated under-recovery of $6,047,784.

6) The estimated true-up amount for the period January 2022 through December 2022 is an estimated under-recovery of $15,143,447.

7) The Company's total true-up amount that would be collected or refunded during the period January 2023 through December 2023 is an under-recover $21,191,231.

WHEREFORE, FPUC respectfully requests that the Commission approve the estimated true-up amount for January 2022 through December 2022 as an under-recovery of $15,143,447.

RESPECTFULLY SUBMITTED this 27th day of July, 2022.

Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 South Monroe St., Suite 601
Tallahassee, FL 32301
(850) 521-1706

Attorneys for Florida Public Utilities Company

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Petition for Approval of Estimated/Actual True-Up Amount, as well as the Direct Testimony and Exhibit CDY-2 of Curtis Young, has been furnished by Electronic Mail to the following parties of record this 27th day of July, 2022:

Suzanne Brownless Ryan Sandy Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, FL 32399-0850 sbrownle@psc.state.fl.us rsandy@psc.state.fl.us	J. Jeffry Wahlen/Malcolm Means/Virginia Ponder Ausley Law Firm Post Office Box 391 Tallahassee, FL 32302 jwahlen@ausley.com mmeans@ausley.com vponder@ausley.com
Richard Gentry/P. Christensen /S. Morse/Charles Rehwinkel Office of Public Counsel c/o The Florida Legislature 111 W. Madison Street, Room 812 Tallahassee, FL 32399-1400 Gentry.Richard@leg.state.fl.us Rehwinkel.Charles@leg.state.fl.us Christensen.patty@leg.state.fl.us Morse.stephanie@leg.state.fl.us	James W. Brew/Laura Baker Stone Matheis Xenopoulos & Brew, PC Eighth Floor, West Tower 1025 Thomas Jefferson Street, NW Washington, DC 20007 jbrew@smxblaw.com lwb@smxblaw.com
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Ms. Paula K. Brown Tampa Electric Company Regulatory Affairs P.O. Box 111 Tampa, FL 33601-0111 Regdept@tecoenergy.com	Florida Industrial Users Power Group Jon C. Moyle, Jr. Moyle Law Firm 118 North Gadsden Street Tallahassee, FL 32301 jmoyle@moylelaw.com

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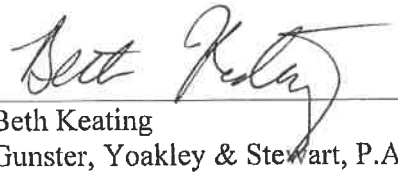
By: 

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FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 73
PARTY: FRF-73
DESCRIPTION: Letter from Matthew R. Bernier, DEF, to Adam Teitzman, Commission Clerk, dated march 29, 2022, Provi...

EXHIBIT NO. 73

DOCKET NO: 20220001-EI

WITNESS: DEAN

PARTY: DEF

DESCRIPTION: Letter from Matthew R. Bernier, DEF, to Adam Teitzman, Commission Clerk, dated March 29, 2022, Providing Notice of 2022 Under-Recovery

PROFFERED BY: FRF

FILED 3/29/2022
DOCUMENT NO. 02134-2022
FPSC - COMMISSION CLERK

DUKE ENERGY. FLORIDA

Matthew R. Bernier
ASSOCIATE GENERAL COUNSEL

March 29, 2022

VIA ELECTRONIC FILING

Adam J. Teitzman, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: *Notice Pursuant to Rule 25-6.0424(2), Florida Administrative Code; Docket No. 20220001-EI*

Dear Mr. Teitzman:

Pursuant to Rule 25-6.0424(2), Fla. Admin. Code, I write to inform the Commission that Duke Energy Florida ("DEF" or the "Company") has calculated a 2022 projected fuel clause under-recovery in excess of 10%. Nonetheless, for the reasons explained below, DEF does not believe a mid-course correction is warranted or practical at this time but believes it is more appropriate for the Company to continue to monitor the under-recovery balance.

Based on fuel prices at the close of business on January 13, 2022, and updated for actuals through February 2022, DEF calculated a projected fuel clause under-recovery of approximately 12% for the period ending December 31, 2022, based primarily on increases in natural gas prices. DEF continues to monitor natural gas prices and has observed that since January 13th prices have been very volatile. External events, such as the Russian invasion of Ukraine, have contributed to this volatility. While DEF cannot predict whether natural gas prices will decrease enough to avoid a midcourse correction, it does believe there is a chance that waiting and analyzing the natural gas price forecast at a future date may mitigate (although not entirely avoid) the amount of costs it must recover from customers in this request.

DEF believes that the volatility of natural gas prices warrants the maintaining of the current fuel clause recovery factors as established by the Commission in Order No. PSC-2022-0061-PCO-EI. As mentioned above, DEF will continue to monitor fuel prices and reserves the right to seek

106 East College Avenue, Suite 800 • Tallahassee, Florida 32301
Phone: 850.521.1428 • Fax: 727.820.5041 • Email: matthew.bernier@duke-energy.com

appropriate relief should prices fail to materially decrease resulting in the projected under-recovery remaining above the 10% trigger.

Please feel free to call me at (850) 521-1428 should you have any questions concerning this filing.

Respectfully,

s/ Matthew R. Bernier

Matthew R. Bernier

MRB/mw

CERTIFICATE OF SERVICE

Docket No. 20220001-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 29th day of March, 2022.

s/ Matthew R. Bernier
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FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 74
PARTY: FRF-74
DESCRIPTION: Estimated Impact on Duke Energy Florida's Levelized Fuel Cost Recovery Factor from Recovering $1.133...

EXHIBIT NO. 74

DOCKET NO: 20220001-EI

WITNESS: DEAN

PARTY: DEF

DESCRIPTION: Estimated Impact on Duke Energy Florida's Levelized Fuel Cost Recovery Factor from Recovering $1.133 Billion Under-Recovery Over 12 Months and 24 Months

PROFFERED BY: FRF

ESTIMATED IMPACT ON DUKE ENERGY FLORIDA'S LEVELIZED FUEL COST RECOVERY FACTOR FROM RECOVERING $1.133 BILLION UNDER-RECOVERY OVER 12 MONTHS AND 24 MONTHS

DEF'S 2022 FUEL COST UNDER-RECOVERY = $1,133,167,309

Divided by

DEF'S 2023 PROJECTED RETAIL SALES = 39, 534,801 MWH

Equals $28.66 per MWH

DEF'S 2022 FUEL COST UNDER-RECOVERY = $1,133,167,309 BILLION

Divided by

DEF'S 2023 PROJECTED RETAIL SALES times 2 = 79,069,602 MWH

Equals $14.33 per MWH

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 75
PARTY: FRF-75
DESCRIPTION: Transcript of PSC Agenda Conference, Docket 20210001-EI, Item No. 2A, August 3, 2021

EXHIBIT NO. 75

DOCKET NO: 20220001-EI

WITNESS: DEAN

PARTY: DEF

DESCRIPTION: Transcript of PSC Agenda Conference, Docket No. 20210001-EI, Item No. 2A, August 3, 2021

PROFFERED BY: FRF

FILED 8/17/2021
DOCUMENT NO. 09435-2021
FPSC - COMMISSION CLERK

BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

In the Matter of:

DOCKET NO. 20210001-EI

Fuel and purchased power cost recovery clause with generating performance incentive factor.

_____/

PROCEEDINGS:	COMMISSION CONFERENCE AGENDA ITEM NO. 2A
COMMISSIONERS PARTICIPATING:	CHAIRMAN GARY F. CLARK COMMISSIONER ART GRAHAM COMMISSIONER ANDREW GILES FAY COMMISSIONER MIKE LA ROSA COMMISSIONER GABRIELLA PASSIDOMO
DATE:	Tuesday, August 3, 2021
PLACE:	Betty Easley Conference Center Room 148 4075 Esplanade Way Tallahassee, Florida
REPORTED BY:	DEBRA R. KRICK Court Reporter and Notary Public in and for the State of Florida at Large

PREMIER REPORTING
112 W. 5TH AVENUE
TALLAHASSEE, FLORIDA
(850) 894-0828

P R O C E E D I N G S

CHAIRMAN CLARK: Next up is Item No. 2A. Devlin Higgins will interviews the item.

Mr. Higgins.

MR. HIGGINS: Good afternoon -- OR morning, Commissioners. Devlin Higgins with Commission staff.

Item 2A is staff's recommendation concerning Duke Energy's Florida petition for a midcourse correction of its currently approved fuel charges. The impetus for the company's midcourse correction filing are actually in reprojected natural gas costs being higher than originally assumed.

Staff's recommendation is for the company's fuel cost recovery factors to be adjusted to encompass a portion of the midcourse correction under-recovery amount as contemplated by Rule 25-6.0424 beginning with the September 12th, 2021, billing cycle.

The portion recommended for current recovery consist of DEF's actual 2020 under-recovery of fuel costs, any remaining net balance of this year's fuel cost will be carried forward to 2022.

Staff is not currently aware of any comments from the general public with respect to this

matter.

Interested parties wishing to address the Commission are to my left -- are to my right.

Thank you?

CHAIRMAN CLARK: All right. Thank you very much, Mr. Higgins.

Mr. Bernier.

MR. BERNIER: Thank you. And good morning, Mr. Chairman, Commissioners. It's good to see y'all again. It's been a while for me to be up here in front of you.

I want to start by voicing our appreciation for your staff for turning around our petition in pretty short order and getting it on to today's agenda.

I also appreciate staff's comments here today, and we agree with it. We do urge your support for their recommendation.

I just have a couple of very brief comments.

You know, the fuel clause exists to allow for the matching of fuel expenditures and revenues as they are being incurred. By its very nature, it depends on projections, and projections, of course, are never going to match actual costs completely. When that happens, we have the natural true-up -- I

apologize -- we have the natural true-up in the clause. Per your rule, when we have an under or an overrecovery such as we have --

CHAIRMAN CLARK: Hang on one second.

MR. BERNIER: When we have an under or an overrecovery, such as we have here today with the 10 percent threshold, per the rule, when it's practical, we file a petition. That is the petition you have before you today. It exists to provide benefits to customers in the form of rate smoothing and stability, and that's what we are hoping for here today.

We urge your support, and we will be available for any questions you may have.

Thank you.

CHAIRMAN CLARK: Thank you very much, Mr. Bernier.

Mr. Brew.

MR. BREW: Good morning, Mr. Chairman and Commissioners. My name is James Brew. I represent PCS Phosphate, which has large operations in Hamilton County, and is one of the largest loads on the Duke Energy system.

Briefly, I wanted to ask you to reconsider the Duke request for a midcourse correction and the

staff recommendation.

As businesses, we recognize that fuel prices, especially natural gas, have risen in the past year. We also recognize that under the fuel clause, Duke will be fully reimbursed for any prudently incurred under-recovery. That's not really the point. What we are trying to talk about is the best way to fairly manage a large under-recovery.

The last time Duke had significant fuel under-recovery in 2016, Duke sat down with the stakeholders and we came up with a proposal approved by this commission to recover that -- those amounts over two years as part of a comprehensive rate plan that was approved in 2017.

Now here, Duke's approach had been to take 40 million of its 20 actual under-recovery and recover that over the last three months of the year. That's about 20 percent of the overall under-recovery they are reporting, but by compressing that recovery over three months, that's increasing the fuel factor by about 14 percent.

When we managed the fuel under-recovery in 2017, Florida had a robust economy and nobody had even conceived of the notion of a global pandemic.

This year is different. This year it's a real punch in the gut to consumers and businesses trying to manage their operations to see that level after fuel increase over that time.

The relatively antiseptic staff recommendation, which is here are the numbers, let's get started recovering it, we think misses the point. It's not that there is an under-recovery. It's that we think it could be better managed, and we ask the Commission to reject the midcourse correction and direct Duke to sit down with the stakeholders, like it did in the past, and work out a more appropriate solution.

Thank you.

CHAIRMAN CLARK: All right. Thank you very much, Mr. Brew.

Mr. Rehwinkel.

MR. REHWINKEL: Thank you, Mr. Chairman. Charles Rehwinkel with the Office of Public Counsel.

I am not going to address the Commission on this item today, but I wanted to introduce the Commission to Allie Wessling, our newest attorney. She comes to us from the Department of Health and the State Attorneys Office. And so we are happy to

have her, and I just wanted to introduce her today.

Thank you.

CHAIRMAN CLARK: Thank you, Mr. Rehwinkel. And welcome, Ms. Wessling.

MS. WESSLING: Thank you very much, Chairman.

As far as OPC's position this morning, we do not necessarily dispute the amount of Duke's 2020 under-recovery, or the likelihood of a 2021 under-recovery. However, it is the Office of Public Counsel's position that all consumers, residential, commercial, industrial, have continued to struggle with the unexpected impacts of a global pandemic for the last year-and-a-half, and many customers are playing catch-up financially. Therefore, we urge the Commission not to require customers to pay any more than absolutely necessary right now, especially if that's only to speed up the recovery of money that Duke will receive over time.

Considering other impending factors, such as back to school shopping, the holiday season coming up, budgetary constraints for everyone, and including Duke's upcoming rate increase, now is the time to respect the pressures on consumers and only recover the money for Duke's 2020 under-recovery at

this time. To require anything more of consumers would seem unwarranted, and we believe that any moderation in the 2021 recovery would help.

Thank you very much.

CHAIRMAN CLARK: Thank you very much, Ms. Wessling.

All right. Commissioners, any questions?

Commissioner Fay, I am sorry.

COMMISSIONER FAY: That's okay, Mr. Chairman. And it's really more of a comment than a question.

I thought staff did a great job on this. I understand the complexities as to the numbers are going to be constantly moving, and so we are trying to make adjustments based on that. I -- I think you did a good job walking through that, and to a certain extent, hearing from the parties, there is recognition that this is exactly what the clause is designed to do, is to allow us to make these adjustments.

With that said, I -- I do have concerns as to how those numbers impact the ratepayer, and I think for me, it's significant when we look at the timeline and approach of this adjustment. I think recognition that it's -- this is part of the adjustment, and the other component of the

adjustment will be raised at some point and looked at at some point, but to minimize that, I think it's significant that the Commission considers a September implementation date over an October implementation date.

And some of that is stated in the recommendation, but I think what's relevant is we've -- the Commission has already addressed a similar clause adjustment for another utility, and there is some precedent that's significant as to when we can implement that date.

I think there is a little bit of room to balance both that -- that implementation date and the notice to the consumer and, on the other end, the impact, especially when it's a significant number. And so spreading that to a certain extent I think is relevant for this past year's data that we have in front of us, knowing that we will address the other data at another point. And that might have been what Mr. Brew was referring to, but I do think, as the numbers continue to move, it's something we are -- we are going to have to look at.

So I am -- I am very supportive of the September date. I believe it's consistent with the

law and the rule allow us to do, and so I am comfortable with that to move forward. And that would apply -- I know, Mr. Chairman, we are taking up 2A, but I am comfortable with the application of those statements both 2A and 2B. I think it's -- I think they are consistent for us to move forward. So I am comfortable, but I will also allow my colleagues to weigh in if they would like to.

CHAIRMAN CLARK: Other Commissioners, comments or questions?

COMMISSIONER GRAHAM: Mr. Chairman, I am ready for Commissioner Fay to make a motion.

COMMISSIONER FAY: All right. If they like to is I think what I said.

So with that, Mr. Chairman, I would move staff's recommendation on all issues for Item 2A and 2B.

COMMISSIONER GRAHAM: Second.

CHAIRMAN CLARK: All right. We have a motion. I think we need to take the two items separately. We will just 2A to begin with.

COMMISSIONER FAY: Sure. Happy to take them separately.

Mr. Chairman, I move to approve 2A.

COMMISSIONER GRAHAM: Second.

CHAIRMAN CLARK: I have a motion and a second to approve Item 2A, staff recommendation on all items as presented.

Any discussion?

On the motion, all in favor say aye.

(Chorus of ayes.)

CHAIRMAN CLARK: Opposed?

(No response.)

CHAIRMAN CLARK: Motion carried.

(Agenda item concluded.)

CERTIFICATE OF REPORTER

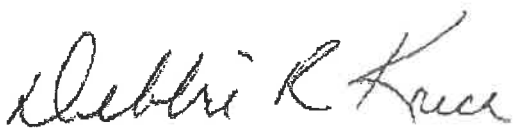
STATE OF FLORIDA)
COUNTY OF LEON)

I, DEBRA KRICK, Court Reporter, do hereby certify that the foregoing proceeding was heard at the time and place herein stated.

IT IS FURTHER CERTIFIED that I stenographically reported the said proceedings; that the same has been transcribed under my direct supervision; and that this transcript constitutes a true transcription of my notes of said proceedings.

I FURTHER CERTIFY that I am not a relative, employee, attorney or counsel of any of the parties, nor am I a relative or employee of any of the parties' attorney or counsel connected with the action, nor am I financially interested in the action.

DATED this 17th day of August, 2021.



DEBRA R. KRICK
NOTARY PUBLIC
COMMISSION #HH31926
EXPIRES AUGUST 13, 2024

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 76
PARTY: FRF-76
DESCRIPTION: Letter from Maria Moncada, FPL, to Adam Teitzman, Commission Clerk, dated April 15, 2022, Providing ...

EXHIBIT NO. 76

DOCKET NO: 20220001-EI

WITNESS: BORES

PARTY: FPL

DESCRIPTION: Letter from Maria Moncada, FPL, to Adam Teitzman, Commission Clerk, dated April 15, 2022, Providing Notice of 2022 Under-Recovery

PROFFERED BY: FRF

FILED 4/15/2022
DOCUMENT NO. 02477-2022
FPSC - COMMISSION CLERK

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April 15, 2022

-VIA ELECTRONIC FILING -

Adam Teitzman
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

Re: Docket No. 20220001-EI

Dear Mr. Teitzman:

Pursuant to Section 25-6.0424(2) of the Florida Administrative Code, Florida Power & Light Company ("FPL") provides notice that a greater than ten percent under-recovery is projected to occur for the period ending December 31, 2022. This projection is based on actual data through March 2022 and updated estimates through December 2022 using the NYMEX settlement prices for natural gas as of April 1, 2022. Because both domestic conditions and recent international events have sharply impacted the natural gas market, FPL believes filing a petition for mid-course correction at this time is not practical. Instead, it is more appropriate to continue to monitor the market to determine whether the impact of these conditions will moderate, such that a future fuel forecast may mitigate the projected fuel costs to be recovered for the period.

If there are any questions regarding this transmittal, please contact me at (561) 304-5795.

Sincerely,

s/ Maria Jose Moncada
Maria Jose Moncada

Attachments
cc: Counsel for Parties of Record

CERTIFICATE OF SERVICE
Docket No. 20220001-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by electronic service on this 15th day of April 2022 to the following:

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By: *s Maria Jose Moncada*
Maria Jose Moncada
Florida Bar No. 0773301

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 77
PARTY: FRF-77
DESCRIPTION: FPL's Fuel cost recovery 2022 actual/estimated true-up calculation, filed July 27, 2022

EXHIBIT NO. 77

DOCKET NO: 20220001-EI

WITNESS: BORES

PARTY: FPL

DESCRIPTION: FPL'S FUEL COST RECOVERY 2022 ACTUAL/ESTIMATED TRUE-UP CALCULATION, Filed July 27, 2022

PROFFERED BY: FRF

FILED 7/27/2022
DOCUMENT NO. 05039-2022
FPSC - COMMISSION CLERK

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E-mail: maria.moncada@fpl.com

July 27, 2022

-VIA ELECTRONIC FILING-

Adam Teitzman
Division of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

Re: Docket No. 20220001-EI

Dear Mr. Teitzman:

I attach for electronic filing in the above docket Florida Power & Light Company's ("FPL") Fuel Cost Recovery 2022 Actual/Estimated True-up Calculation and Request for Approval of its Capacity Cost Recovery 2022 Actual/Estimated True-Up and FPL's 2023 Risk Management Plan, along with the prepared testimony and exhibits of FPL witnesses Renae B. Deaton and Dean Curtland.

FPL's 2023 Risk Management Plan, which will be sponsored by Gerard J. Yupp as Exhibit GJY-2 to his 2023 Projection testimony, contains confidential information. This electronic filing includes only the redacted version of the attachments to GJY-2. Contemporaneously with this submittal, FPL will file via hand-delivery a Request for Confidential Classification.

Please contact me if you have or your Staff has any questions regarding this filing.

Sincerely,

s/ Maria Jose Moncada
Maria Jose Moncada

Attachments
cc: Counsel for Parties of Record (w/ attachments)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance Incentive Factor	Docket No: 20220001-EI Filed: July 27, 2022

FLORIDA POWER & LIGHT COMPANY'S FUEL COST RECOVERY 2022 ACTUAL/ESTIMATED TRUE-UP CALCULATION, AND REQUEST FOR APPROVAL OF ITS CAPACITY COST RECOVERY 2022 ACTUAL/ESTIMATED TRUE-UP AND 2023 RISK MANAGEMENT PLAN

Florida Power & Light Company ("FPL") hereby provides the calculation of its actual/estimated Fuel and Purchased Power Cost Recovery ("FCR") true-up of $1,658,287,443 under-recovery, including interest, for the period January 2022 through December 2022, and petitions the Florida Public Service Commission ("Commission") for approval of (1) its actual/estimated Capacity Cost Recovery ("CCR") net true-up of $3,225,380 under-recovery, including interest, for the period January 2022 through December 2022 and (2) approval of its 2023 Risk Management Plan. In support of this petition, FPL incorporates the prepared testimony and exhibits of FPL witnesses Renae B. Deaton and Dean Curtland.

Fuel Cost Recovery Actual/Estimated True-Up Calculation

1. Pursuant to Order No. PSC-2022-0052-PCO-EI dated February 7, 2022, FPL hereby provides the calculation of its current-year FCR actual/estimated true-up. As explained below, based on current information, FPL estimates a greater than ten percent FCR under-recovery for the period ending December 31, 2022 but will not be seeking a midcourse correction to collect any portion of the under-recovery during 2022. Nor does FPL request that the Commission include any portion of this under-recovery in the calculation of FPL's FCR factor that will be the subject of the November hearing in this proceeding.

2. FPL prepared its calculation in accordance with the methodology set forth in Schedule 1, page 2 of 2, attached to Order No. 10093, dated June 19, 1981. FPL calculates a $1,658,287,443 actual/estimated FCR under-recovery for the current year, which exceeds the ten percent threshold for corrective action set forth in Rule 25-6.0424, F.A.C. This calculation is based on actual data for the period January 2022 through June 2022 and revised estimates for the period July 2022 through December 2022, using NYMEX settlement prices for natural gas as of June 21, 2022.

3. As FPL described in its notice dated April 15, 2022, both domestic conditions and international events have sharply impacted the natural gas market. At the time FPL provided its notice pursuant to Rule 25-6.0424, the Company expressed that filing a petition for midcourse correction was not practical. The natural gas market has not stabilized in the intervening three months. In fact, market conditions have grown even more volatile since then.

4. Accordingly, FPL believes it is appropriate to continue to monitor the market to determine whether the impact of these conditions will moderate, such that a future fuel forecast may mitigate the projected fuel costs to be recovered. Under these extraordinary circumstances, it is also appropriate for FPL to continue to update its fuel cost calculation with additional data reflecting actual gas prices, actual sales and actual revenues. Doing so will mitigate the possibility that FPL's forecast will result in a significant over-recovery in the event the market begins to moderate as the year progresses.

5. FPL therefore will not seek a midcourse correction to collect any portion of this under-recovery during the 2022 calendar year. FPL also does not request inclusion of any portion of this under-recovery in the FCR factor that will be considered by the Commission during the November hearing in this docket, and which will become effective January 2023. Instead, at the

appropriate time toward the end of 2022 or beginning of 2023, FPL will file a request for recovery based on an updated calculation, to be considered by the Commission in early 2023 for implementation following the customer notice period.

Request for Approval of Capacity Cost Recovery 2022 Actual/Estimated Net True-up

6. FPL requests approval of its actual/estimated $2,922,069 CCR under-recovery for the period January 2022 through December 2022. It is based on actual data for the period January 2022 through June 2022 and revised estimates for the period July 2022 through December 2022, and was calculated in accordance with the methodology set forth in Order No. 25773 dated February 24, 1992. The supporting documentation is contained in the prepared testimony and exhibit of FPL witness Deaton, which are being filed together with this Petition and are incorporated herein.

7. The total CCR under-recovery that FPL requests be carried forward and included in the CCR factors for January 2023 through December 2023 is $3,225,380. This consists of the $2,922,069 actual/estimated under-recovery for 2022 plus the final combined net under-recovery of $303,311 for pre-consolidated FPL and pre-consolidated Gulf for the period January 2021 through December 2021, which was filed in this docket on April 1, 2022.

Request for Approval of 2023 Risk Management Plan

8. Consistent with the Hedging Order Clarification Guidelines approved in Order No. PSC-08-0667-PAA-EI issued on October 8, 2008, FPL's 2023 Risk Management Plan is included as Exhibit GJY-2 and will be sponsored by FPL witness Gerard J. Yupp in his 2023 projection testimony that will be filed September 2, 2022. FPL's 2023 Risk Management Plan provides appropriate guidance and should be approved.

WHEREFORE, Florida Power & Light Company respectfully requests that the Commission approve (1) an under-recovery of $3,225,380, including interest, as the

actual/estimated net CCR true-up amount for the period January 2022 through December 2022; and (2) FPL's 2023 Risk Management Plan.

Respectfully submitted,

Maria Jose Moncada
Managing Attorney
David Lee
Florida Power & Light Company
700 Universe Boulevard
Juno Beach, FL 33408
Telephone: (561) 304-5795
Facsimile: (561) 691-7135

By: *s/ Maria Jose Moncada*
Maria Jose Moncada
Florida Bar No. 0773301

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 78
PARTY: FRF-78
DESCRIPTION: Estimated Impact on FPL's levelized fuel cost recovery factor from recovering $1,658,287,443 over 12...

EXHIBIT NOT ENTERED

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 79
PARTY: FRF-79
DESCRIPTION: Pages 1-2 and 161-162 of 168 of Exhibit RBD-7 (Deaton) in Docket No. 20220001-EI, also identified as...

EXHIBIT NO. 79

DOCKET NO: 20220001-EI

WITNESS: BORES

PARTY: FPL

DESCRIPTION: Pages 1-2 and 161-162 of 168 of Exhibit RBD-7 (Deaton) in Docket No. 20220001-EI, also Identified as Schedules E-1, E-1A, and E-10 of FPL's Fuel Docket Filings

PROFFERED BY: FRF

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
FUEL AND PURCHASED POWER COSTS RECOVERY FACTOR

SCHEDULE: E1

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)	(4)	(5)
Line No.		2023		
		Dollars	MWh	Cents/kWh
1	**Total Cost Of Generated Power**			
2	Net Cost of System Net Generation (E3)	5,088,984,344	136,312,273	3.7333
3	Fuel Cost of Stratified Sales	(100,205,117)	(2,001,862)	5.0056
4	Lease Costs	1,551,092	N/A	-
5	Adjustments to Fuel Costs (E2)	567,379	N/A	-
6		4,990,897,698	134,310,411	3.7159
8	**Total Cost Of Purchased Power**			
9	Fuel Cost of Purchased Power, Exclusive of Economy (E7)	178,999,635	3,909,903	4.5781
10	Energy Payments to Qualifying Facilities (E8)	33,324,075	688,856	4.8376
11	Energy Cost of Economy Purchases (E9)	14,885,310	314,850	4.7277
12		227,209,020	4,913,609	4.6241
13	TOTAL AVAILABLE		139,224,020	
15	**Total Fuel Cost And Gains Of Power Sales**			
16	Fuel Cost of Economy and Other Power Sales (E6)	(109,643,964)	(2,556,830)	4.2883
17	Gains from Off-System Sales (E6)	(26,300,527)	N/A	-
18	Fuel Cost of Unit Power Sales (SL2 Partpts) (E6)	(3,159,988)	(629,806)	0.5017
19		(139,104,479)	(3,186,636)	4.3652
21	**Total Incremental Optimization Costs**			
22	Incremental Personnel, Software, and Hardware Costs	517,870	N/A	-
23	Variable O&M Costs Attributable to Off-Systems Sales (E6)	1,227,278	N/A	-
24	Variable O&M Costs Avoided due to Economy Purchases (E9)	(151,128)	N/A	-
25	Optimization Credits	(17,500,000)	N/A	-
26		(15,905,980)	N/A	-
27	Total Fuel Costs & Net Power Transactions	5,063,096,259	136,037,384	3.7218
29	**Average Factor Calculation**			
30	Net Unbilled Sales [1]	16,658,939	447,599	0.0129
31	T & D Losses [1]	217,713,139	5,849,608	0.1680
32	Company Use [1]	5,063,096	136,037	0.0039
33	System MWH Sales (Excluding Stratified Sales)	5,063,096,259	129,604,140	3.9066
34	Wholesale MWH Sales (Excluding Stratified Sales)	217,961,231	5,579,274	3.9066
35	Jurisdictional MWH Sales	4,845,135,028	124,024,865	3.9066
36	Jurisdictional Line Loss Multiplier	8,188,278		1.00169
37	Jurisdictional kWh Sales Adjusted for Line Losses	4,853,323,306	124,024,865	3.9132
38	NET TRUE-UP (OVER)/UNDER RECOVERY [2]	(10,256,384)	124,024,865	(0.0083)
39	TOTAL JURISDICTIONAL FUEL COST	4,843,066,922	124,024,865	3.9049
40	GPIF [3]	6,994,619	124,024,865	0.0056
41	Asset Optimization - Company Portion [4]	13,178,912	124,024,865	0.0106
42	SolarTogether (ST) Credit	143,020,130	124,024,865	0.1153
43	Fuel Factor after adjustments	5,006,260,583	124,024,865	4.0364
44	FUEL FACTOR ROUNDED TO NEAREST .001 CENTS/KWH			4.036
45				
47	[1] For informational purposes only			
48	[2] Includes 2021 Final True-up for FPL and Gulf			
49	[3] Based on 2021 GPIF results for FPL and Gulf			
50	[4] Calculation based on Jurisdictional kWh sales			
51				
52	Note: Totals may not add due to rounding			

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
CALCULATION OF TOTAL TRUE-UP

SCHEDULE: E1-A

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

(1)	(2)	(3)
Line No.		2023
1	Actual/Estimated over/(under) recovery [1]	N/A
2	Final over/(under) recovery [2]	$10,256,384
3	Total over/(under) recovery to be included in projected period [3]	$10,256,384
4		
5	Total Jurisdictional Sales (MWh)	124,024,865
6		
7	True-Up Factor (cents/kWh)	0.0083
8		
9		
10	[1] FPL has elected to defer its 2022 actual/estimated under-recovery at this time	
11	[2] Final True-up over/(under) recovery for January 2021 - December 2021	
12	[3] Projected Period January 2023 - December 2023 (Schedule E1, Line 38)	
13		
14	Note: Totals may not add due to rounding	

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
RESIDENTIAL BILL COMPARISON

SCHEDULE: E10

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

	FPL	PROPOSED JAN - DEC	DIFFERENCE	
	2022	2023	$	%
BASE	$75.82	$80.73	$4.91	6.5%
FUEL COST RECOVERY	$34.87	$37.45	$2.58	7.4%
ENERGY CONSERVATION COST RECOVERY	$1.34	$1.22	($0.12)	-9.0%
CAPACITY COST RECOVERY	$2.39	$2.12	($0.27)	-11.3%
ENVIRONMENTAL COST RECOVERY	$2.99	$3.12	$0.13	4.3%
STORM PROTECTION PLAN COST RECOVERY	$2.14	$3.82	$1.68	78.5%
TRANSITION RIDER	($1.98)	($1.58)	$0.40	-20.2%
SUBTOTAL	$117.57	$126.88	$9.31	7.9%
GROSS RECEIPTS TAX/RAF	$3.10	$3.35	$0.25	8.1%
TOTAL	**$120.67**	**$130.23**	**$9.56**	**7.9%**

FLORIDA POWER & LIGHT COMPANY
FUEL COST RECOVERY CLAUSE
RESIDENTIAL BILL COMPARISON

SCHEDULE: E10

ESTIMATED FOR THE PERIOD OF: JANUARY 2023 THROUGH DECEMBER 2023

	NWFL	PROPOSED JAN - DEC	DIFFERENCE	
	2022	2023	$	%
BASE	$75.82	$80.73	$4.91	6.5%
FUEL COST RECOVERY	$34.87	$37.45	$2.58	7.4%
ENERGY CONSERVATION COST RECOVERY	$1.34	$1.22	($0.12)	-9.0%
CAPACITY COST RECOVERY	$2.39	$2.12	($0.27)	-11.3%
ENVIRONMENTAL COST RECOVERY	$2.99	$3.12	$0.13	4.3%
STORM PROTECTION PLAN COST RECOVERY	$2.14	$3.82	$1.68	78.5%
STORM RESTORATION SURCHARGE	$11.00	$11.00	$0.00	0.0%
TRANSITION RIDER	$21.06	$16.85	($4.21)	-20.0%
SUBTOTAL	$151.61	$156.31	$4.70	3.1%
GROSS RECEIPTS TAX/RAF	$4.00	$4.12	$0.12	3.0%
TOTAL	**$155.61**	**$160.43**	**$4.82**	**3.1%**

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 80
PARTY: FRF-80
DESCRIPTION: Transcript of PSC Agenda Conference, Docket No. 20210001-EI, Item No. 2B, August 3, 2021

EXHIBIT NO. 80

DOCKET NO: 20220001-EI

WITNESS: BORES

PARTY: FPL

DESCRIPTION: Transcript of PSC Agenda Conference, Docket No. 20210001-EI, Item No. 2B, August 3, 2021

PROFFERED BY: FRF

FILED 8/17/2021
DOCUMENT NO. 09436-2021
FPSC - COMMISSION CLERK

BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

In the Matter of:

DOCKET NO. 20210001-EI

Fuel and purchased power cost recovery clause with generating performance incentive factor.
_____/

PROCEEDINGS:	COMMISSION CONFERENCE AGENDA ITEM NO. 2B
COMMISSIONERS PARTICIPATING:	CHAIRMAN GARY F. CLARK COMMISSIONER ART GRAHAM COMMISSIONER ANDREW GILES FAY COMMISSIONER MIKE LA ROSA COMMISSIONER GABRIELLA PASSIDOMO
DATE:	Tuesday, August 3, 2021
PLACE:	Betty Easley Conference Center Room 148 4075 Esplanade Way Tallahassee, Florida
REPORTED BY:	DEBRA R. KRICK Court Reporter and Notary Public in and for the State of Florida at Large

PREMIER REPORTING
112 W. 5TH AVENUE
TALLAHASSEE, FLORIDA
(850) 894-0828

P R O C E E D I N G S

CHAIRMAN CLARK: All right. Hang on one second, let's switch parties and we'll move to 2B.

Mr. Higgins.

MR. HIGGINS: Good morning again, Commissioners. Devlin Higgins with Commission staff.

Item No. 2B is staff's recommendation concerning Tampa Electric Company's petition for a midcourse correction of its currently approved fuel and capacity charges. The main impetus for the company's midcourse correction filing is once again natural gas costs being higher than originally assumed.

Staff's recommendation is for the company's fuel and capacity cost recovery factors to be adjusted to encompass the entire 2021 midcourse correction under-recoveries of both fuel and capacity costs as contemplated by rule, once again, 25-6.0424, beginning with the September 2021 billing cycle.

The effect or purpose of staff's request -- the company's request is to eliminate both projected under-recoveries by the end of this year.

Staff is not currently aware of any comments

from the general public with respect to this matter.

Interested parties are present -- are present.

Thank you, Commissioners.

CHAIRMAN CLARK: Thank you, Mr. Higgins.

Mr. Means.

MR. MEANS: Good morning, Mr. Chairman and Commissioners. Malcolm Means with the Ausley McMullen appearing on behalf of Tampa Electric. I also have Penelope Rusk from Tampa Electric here with me today.

We would like to thank your staff for their expedited review of our midcourse correction petition, and we fully support staff's recommendation.

As you know, we have a petition for rate increase pending, and we are seeking new rates effective January 1st. So we believe that staff's proposed treatment of this to take care of this under-recovery toward the end of 2021 is the appropriate thing to do here. And we are available at the answer any questions that you have.

Thank you.

CHAIRMAN CLARK: Thank you, Mr. Means.

Ms. Pirrello.

MS. PIRRELLO: Good morning, Mr. Chairman and Commissioners.

As you are aware, TECO has filed for a midcourse correction siting a projected $73.6 million under-recovery for fuel costs in 2021, as well as an under-recovery about 9.6 million in capacity costs.

While the Office of Public Counsel recognizes that TECO is entitled to recover these costs, we would urge you to consider a modification of the staff's recommendation to allow recovery of the entire 83.2 million in September through December of this year.

The monthly residential billing detail shows that imposing these costs on ratepayers in the last four months of the year would lead to an average increase of nearly $13 on a residential bill. This is not an insignificant amount given the nature of the economy, as Ms. Wessling said.

Additionally, TECO's petition for a permanent increase to general base rates of nearly $295 million, as well as two subsequent GBRA increases, as filed, the proposed revenue increase would result in a 25-percent increase to customer bills. And OPC thinks that there should be a more

reasonable solution than to hit customers with this magnitude of rate increases in such little time.

Customers will pay the fuel costs eventually, and therefore, we would propose extending the timeframe for recovery of the entire amount for a period of up to two years.

In the alternative, OPC believes it would be appropriate for TECO to recover a portion of the midcourse correction costs through the end of this year, and to extend the time for the rest of the collection.

There is precedent for this approach as in the 2008 fuel clause that PSC allowed FPL to collect only 50 percent of their projected under-recovery that year, and required that they defer the remaining balance to the next year's fuel clause. The company found that over time the costs even out, and that rather than continuing to accumulate an under-recovery.

Like in 2008, it's conceivable that the increase in natural gas prices is a temporary spike that would even out over the coming years, and would not result in customers paying for two midcourse corrections in addition to the rate increase.

By expanding the timeframe for recovery, the Commission would be taking steps is to avoid rate shock and multiple increases over a short time.

Thank you.

CHAIRMAN CLARK: Thank you, Ms. Pirrello.

Commissioners, any questions?

Commissioner Fay.

COMMISSIONER FAY: Thank you, Mr. Chairman. I have a question.

I just want to make sure I understand what -- what you are asking as far as spreading out and adjusting those charges. You are speaking to the whole amount?

Okay. Mr. Chairman, could I -- could I just ask staff maybe, and/or maybe legal, as to how that would be potentially addressed? I mean, I think it's -- I think the recommendation we have in front of us is -- is ready to go forward, but I do at least want to get this addressed by our team to see if it's a viable option.

CHAIRMAN CLARK: Mr. Higgins.

MR. HIGGINS: Thank you for your question, Commissioner.

It's my understanding that it would be the Commission's will to order what amount at what

time.

COMMISSIONER FAY: And I guess my concern would just be the pending rate case, and how that would impact this docket.

MR. HIGGINS: As far as I am aware, those are independent.

COMMISSIONER FAY: Okay. Great.

Anything else to add from legal?

CHAIRMAN CLARK: Commissioner Passidomo. I am sorry, Commissioner Fay, do you have --

COMMISSIONER FAY: No, you are good.

CHAIRMAN CLARK: Commissioner Passidomo.

COMMISSIONER PASSIDOMO: Thank you, Mr. Chairman.

I just wanted to, you know, echo Commissioner Fay's question, it was -- so if we were kind of -- to see if we could explore OPC's alternative.

The main thing I also just wanted to say on this one really is I did -- I did struggle with this item. It's pretty significant in a time that where customers are going through a tough time. It's been a tough year, my understanding is that this is what the rule allows, and that this is kind of market forces, so I just kind of want to put that out there.

CHAIRMAN CLARK: Thank you, Commissioner Passidomo.

Any other comments or questions?

Commissioner Graham.

COMMISSIONER GRAHAM: Thank you, Mr. Chairman.

I understand where my colleagues are coming from, and we've done it before in the past, and I understand. I guess my -- my word of caution is you make it seem like next year is going to be better, and we all hope next year is going to be better. We don't necessarily know next year is going to be better. And then all of a sudden this snowball starts to build, and at what point do you decide you have to take a bigger bite, and so you just need to be cautious of that.

CHAIRMAN CLARK: Thank you, Commissioner Graham.

I am going to try not to get on the soapbox regarding heavily -- heavy reliance on our natural gas production, but I do want to make the comment that when you incur cost and you try to spread those costs back out, you begin to shift costs from people who incurred the cost to people who did not incur the cost, and that's kind of a bedrock principle for me.

The people who incurred it are the people who should pay it, and I am for the shorter time period and making certain that the majority of those customers get the burden for what has been spent so far. So that's kind of where I stand.

Any other comments or questions from Commissioners?

I will entertain a motion.

COMMISSIONER FAY: Mr. Chairman, I will motion, I just, at the same time, would be remiss if I didn't thank you for not allowing me to muzzle the parties over here who had some very relevant points on this issue itself, so thank you for letting them coming forward.

With that, Mr. Chairman, I would move for staff's recommendation on Item 2B.

COMMISSIONER GRAHAM: Second.

CHAIRMAN CLARK: I have a motion and a second.

Is there any discussion?

On the motion, all in favor say aye.

(Chorus of ayes.)

CHAIRMAN CLARK: Opposed?

(No response.)

CHAIRMAN CLARK: Motion carries.

MR. HIGGINS: Thank you.

CHAIRMAN CLARK: Thank you very much.

(Agenda item concluded.)

CERTIFICATE OF REPORTER

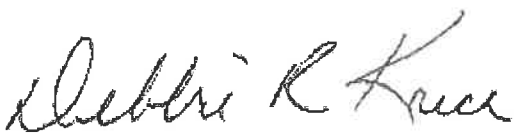
STATE OF FLORIDA)
COUNTY OF LEON)

I, DEBRA KRICK, Court Reporter, do hereby certify that the foregoing proceeding was heard at the time and place herein stated.

IT IS FURTHER CERTIFIED that I stenographically reported the said proceedings; that the same has been transcribed under my direct supervision; and that this transcript constitutes a true transcription of my notes of said proceedings.

I FURTHER CERTIFY that I am not a relative, employee, attorney or counsel of any of the parties, nor am I a relative or employee of any of the parties' attorney or counsel connected with the action, nor am I financially interested in the action.

DATED this 17th day of August, 2021.



DEBRA R. KRICK
NOTARY PUBLIC
COMMISSION #HH31926
EXPIRES AUGUST 13, 2024

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 81
PARTY: FRF-81
DESCRIPTION: Letter from Malcom Means, Tampa Electric Company, to Adam Teitzman, Commission Clerk, dated April 21...

EXHIBIT NO. 81

DOCKET NO: 20220001-EI

WITNESS: RUSK

PARTY: TAMPA ELECTRIC COMPANY

DESCRIPTION: Letter from Malcolm Means, Tampa Electric Company, to Adam Teitzman, Commission Clerk, dated April 21, 2022, Providing Notice of 2022 Under-Recovery

PROFFERED BY: FRF

FILED 4/21/2022
DOCUMENT NO. 02571-2022
FPSC - COMMISSION CLERK

AUSLEY & MCMULLEN

ATTORNEYS AND COUNSELORS AT LAW

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April 21, 2022

ELECTRONIC FILING

Mr. Adam J. Teitzman
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: Docket 20220001-EI, Fuel and purchased power cost recovery clause with generating performance incentive factor

Dear Mr. Teitzman:

Tampa Electric Company ("Tampa Electric" or "the company") is keenly aware of the impact that increasing natural gas prices has on our customers and is carefully following international events, domestic conditions, and their impact on natural gas prices. However, based on its latest forecast, Tampa Electric hereby gives notice pursuant to Section 25-6.0424(2), Florida Administrative Code, that an under-recovery of greater than 10 percent is projected to occur for the period ending December 31, 2022, absent modification to the company's 2022 revised cost recovery factors as approved by Order No. PSC-2022-0122-PCO-EI, issued March 18, 2022. This forecast is based on actual data through March 2022 and updated estimates through December 2022 based on natural gas futures prices as of March 29, 2022.

Since March 29th, fuel prices have continued to escalate. Due to the current volatility in the natural gas market, the company will continue to monitor fuel prices in the hope that market prices will return to lower levels and mitigate the impact of a mid-course correction on customer bills.

Sincerely,

Malcolm N. Means

Malcolm N. Means

cc: All Parties of Record

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that on behalf of Tampa Electric Company, a true and correct copy of the foregoing letter has been furnished by electronic mail on this 21st day of April 2022 to the following:

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FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20220001-EI EXHIBIT: 82
PARTY: FRF-82
DESCRIPTION: Tampa Electric Company's Schedules E1, E1-A, and E-10

EXHIBIT NO. 82

DOCKET NO: 20220001-EI

WITNESS: RUSK

PARTY: Tampa Electric Company

DESCRIPTION: Tampa Electric Company's Schedules E1, E1-A, and E10

PROFFERED BY: FRF

SCHEDULE E10

TAMPA ELECTRIC COMPANY
RESIDENTIAL BILL COMPARISON
FOR MONTHLY USAGE OF 1,000 KWH

	Current Apr 2022 - Aug 2022	Current Sep 2022 - Dec 2022	Projected Jan 2023 - Dec 2023	Difference $	Difference %
Base Rate Revenue (1)	78.69	79.46	86.22	6.76	8.5%
Fuel Recovery Revenue	37.91	37.91	45.25	7.34	19.4%
Conservation Revenue	2.36	2.36	2.81	0.45	19.1%
Capacity Revenue	0.53	0.53	(0.18)	(0.71)	-134.0%
Environmental Revenue	1.38	1.38	0.92	(0.46)	-33.3%
Storm Protection Plan Revenue	3.29	3.29	3.76	0.47	14.3%
Clean Energy Transition Mechanism	4.41	4.41	4.41	0.00	0.0%
Florida Gross Receipts Tax Revenue	3.30	3.32	3.67	0.35	10.5%
TOTAL REVENUE	**$131.87**	**$132.66**	**$146.86**	**$14.20**	**10.7%**

(1) Includes Proposed 2023 Generation Base Rate Adjustment provision in the 2021 Agreement

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EXHIBIT NO. MAS-3
DOCUMENT NO. 2, PAGE 41 OF 42

TAMPA ELECTRIC COMPANY
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
ESTIMATED FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023

SCHEDULE E1

		DOLLARS	MWH	CENTS/KWH
1.	Fuel Cost of System Net Generation (E3)	953,714,571	20,958,980	4.55039
2.	Nuclear Fuel Disposal Cost	0	0	0.00000
3.	Coal Car Investment	0	0	0.00000
4a.	Adjustment	0	20,958,980 (1)	0.00000
4b.	Adjustment	0	0	0.00000
5.	**TOTAL COST OF GENERATED POWER (LINES 1 THROUGH 4b)**	**953,714,571**	**20,958,980**	**4.55039**
6.	Fuel Cost of Purchased Power - System (Exclusive of Economy)(E7)	18,870	190	9.93158
7.	Energy Cost of Economy Purchases (E9)	3,329,070	36,660	9.08093
8.	Demand and Non-Fuel Cost of Purchased Power	0	0	0.00000
9.	Energy Payments to Qualifying Facilities (E8)	1,787,820	64,970	2.75176
10.	**TOTAL COST OF PURCHASED POWER (LINES 6 THROUGH 9)**	**5,135,760**	**101,820**	**5.04396**
11.	**TOTAL AVAILABLE MWH (LINE 5 + LINE 10)**		**21,060,800**	
12.	Fuel Cost of Schedule D Sales - Jurisd. (E6)	1,937,530	40,120	4.82934
13.	Fuel Cost of Market Based Sales - Jurisd. (E6)	0	0	0.00000
14.	Gains on Sales	179,997	NA	NA
15.	**TOTAL FUEL COST AND GAINS OF POWER SALES**	**2,117,527**	**40,120**	**5.27798**
16.	Net Inadvertant Interchange		0	
17.	Wheeling Received Less Wheeling Delivered		0	
18.	Interchange and Wheeling Losses		1,372	
19.	**TOTAL FUEL AND NET POWER TRANSACTIONS (LINE 5+10-15+16+17-18)**	**956,732,804**	**21,019,308**	**4.55169**
20.	Net Unbilled	NA (1)(a)	NA (a)	NA
21.	Company Use	1,747,849 (1)	38,400	0.00876
22.	T & D Losses	46,765,269 (1)	1,027,426	0.23437
23.	System MWH Sales	956,732,804	19,953,481	4.79482
24.	Wholesale MWH Sales	0	0	0.00000
25.	Jurisdictional MWH Sales	956,732,804	19,953,481	4.79482
26.	Jurisdictional Loss Multiplier			1.00000
27.	Jurisdictional MWH Sales Adjusted for Line Loss	956,732,804	19,953,481	4.79482
28.	Optimization Mechanism (2)	4,819,866	19,953,481	0.02416
29.	True-up (2)	0	19,953,481	0.00000
30.	Total Jurisdictional Fuel Cost (Excl. GPIF)	961,552,670	19,953,481	4.81897
31.	Revenue Tax Factor			1.00072
32.	Fuel Factor (Excl. GPIF) Adjusted for Taxes	962,244,988	19,953,481	4.82244
33.	GPIF Adjusted for Taxes (2)	546,170	19,953,481	0.00274
34.	**Fuel Factor Adjusted for Taxes Including GPIF**	962,791,158	19,953,481	4.82518
35	**Fuel Factor Rounded to Nearest .001 cents per KWH**			**4.825**

(a) Data not available at this time.
(1) Included For Informational Purposes Only
(2) Calculation Based on Jurisdictional MWH Sales

TAMPA ELECTRIC COMPANY
CALCULATION OF PROJECTED PERIOD TOTAL TRUE-UP
FOR THE PERIOD: JANUARY 2023 THROUGH DECEMBER 2023

SCHEDULE E1-A

1.	ESTIMATED OVER/(UNDER) RECOVERY (SCH. E1-B) January 2022 - December 2022 (6 months actual, 6 months estimated)	($437,178,107)
2.	PROJECTED OVER/UNDER-RECOVERY TRUE-UP INCLUDED IN APRIL - DECEMBER 2022 RATES (Per Mid-Course correction Schedule E1-C, line 1B)	($97,303,593)
3.	DIFFERENCE IN 2021 ESTIMATED TRUE-UP AMOUNT PROJECTED IN MID-COURSE 2022 RATES AND AMOUNT COLLECTED IN 2022 ($72,171,466 under-recovery less ($81,354) collected January through March 2022)	($72,090,112)
4.	ACTUAL-ESTIMATED 2022 OVER/(UNDER) RECOVERY (Line 1 - Line 2 + Line 3)	($411,964,625)
5.	FINAL TRUE-UP (January 2021 - December 2021) (Per True-Up filed April 1, 2022)	0
6.	TOTAL OVER/(UNDER) RECOVERY TO BE COLLECTED IN 2023 (Line 4 + Line 5) To be included in the 12-month projected period January 2023 through December 2023 (2023 Schedule E1, line 29)	$0
7.	JURISDICTIONAL MWH SALES (Projected January 2023 through December 2023)	19,953,481
8.	TRUE-UP FACTOR - cents/kWh (Using Effective MWh Sales of 19,923,795)	**0.0000**