



Stephanie A. Cuello
SENIOR COUNSEL

March 14, 2025

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 Clause with Generating Performance Incentive
Factor; Docket No. 20250001-EI*

Dear Mr. Teitzman:

On behalf of Duke Energy Florida, LLC ("DEF"), please find enclosed for electronic filing in the above referenced docket:

- DEF's Generating Performance Incentive Factor ("GPIF") True-Up Petition for the period January 2024 through December 2024; and
- Direct Testimony of Adam R. Bingham with Exhibit No. (ARB-1T).

Thank you for your assistance in this matter and if you have any questions, please feel free to contact me at (850) 521-1425.

Sincerely,

/s/ Stephanie A. Cuello

Stephanie A. Cuello

SAC/mh
Enclosures

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In Re: Fuel and Purchased Power Cost
Recovery Clause with Generating
Performance Incentive Factor

Docket No. 20250001-EI

Dated: March 14, 2025

**PETITION FOR APPROVAL OF GPIF RESULTS
FOR THE PERIOD ENDING DECEMBER 2024**

Duke Energy Florida, LLC (“DEF”) hereby petitions this Commission for approval of its
Generating Performance Incentive Factor (“GPIF”) results for the period ending December 2024.

In support of this Petition, DEF states as follows:

1. DEF is a public utility subject to the jurisdiction of the Commission under
Chapter 366, Florida Statutes. DEF's General Offices are located at 299 First Avenue North, St.
Petersburg, FL 33701.

2. All notices, pleadings and other communications required to be served on
the petitioner should be directed to:

Dianne M. Triplett
299 First Avenue North
St. Petersburg, FL, 33701
Dianne.triplett@duke-energy.com

Matthew R. Bernier
106 East College Avenue
Suite 800
Tallahassee, FL 32301
Matt.bernier@duke-energy.com

Stephanie A. Cuello
106 East College Avenue
Suite 800
Tallahassee, FL 32301
Stephanie.cuello@duke-energy.com
FLRegulatoryLegal@duke-energy.com

3. By Order No. PSC-2024-0481-FOF-EI, dated November 22, 2024, the
Commission approved DEF's GPIF Targets for the period January 2024 through December
2024. The application of the GPIF formula to DEF's performance during that period produces a

reward of \$1,146,970. Matters relating to the GPIF are contained in the prepared direct testimony of DEF witness Adam R. Bingham which is being filed with and incorporated in this Petition.

WHEREFORE, DEF respectfully requests the Commission to approve this Petition and include the aforementioned amount in the calculation of the Fuel and Purchased Power Cost Recovery (“FCR”) Factor for the period beginning January 2025.

Respectfully submitted,

/s/ Stephanie A. Cuello

DIANNE M. TRIPLET

Deputy General Counsel
299 1st Avenue North
St. Petersburg, Florida 33701
T: (727) 820-4692
E: dianne.triplett@duke-energy.com

MATTHEW R. BERNIER

Associate General Counsel
106 East College Avenue, Suite 800
Tallahassee, Florida 32301
T: (850) 521-1428
E: matt.bernier@duke-energy.com

STEPHANIE A. CUELLO

Senior Counsel
106 East College Avenue
Suite 800
Tallahassee, Florida 32301
T: (850) 521-1425
E: stephanie.cuello@duke-energy.com
FLRegulatoryLegal@duke-energy.com

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 14th day of March 2025.

/s/ Stephanie A. Cuello

Attorney

Ryan Sandy Office of General Counsel FL Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 rsandy@psc.state.fl.us J. Wahlen / M. Means / V. Ponder Ausley McMullen Tampa Electric Company P.O. Box 391 Tallahassee, FL 32302 jwahlen@ausley.com mmeans@ausley.com vponder@ausley.com Mike Cassel Florida Public Utilities Company 208 Wildlight Avenue Yulee, FL 32097 mcassel@fpuc.com James W. Brew / Laura Wynn Baker / Sarah B. Newman Stone Mattheis Xenopoulos & Brew, P.C. PCS Phosphate –White Springs 1025 Thomas Jefferson Street, NW Eighth Floor, West Tower Washington, DC 20007 jbrew@smxblaw.com lwb@smxblaw.com sbn@smxblaw.com	W. Trierweiler / P. Christensen / C. Rehwinkel / M. Wessling / O. Ponce/ A. Watrous Office of Public Counsel 111 W. Madison St., Room 812 Tallahassee, FL 32399-1400 trierweiler.walt@leg.state.fl.us christensen.patty@leg.state.fl.us rehwinkel.charles@leg.state.fl.us wessling.mary@leg.state.fl.us ponce.octavio@leg.state.fl.us watrous.austin@leg.state.fl.us Paula K. Brown Regulatory Affairs Tampa Electric Company P.O. Box 111 Tampa, FL 33601-0111 regdept@tecoenergy.com Maria Moncada / David Lee Florida Power & Light Company 700 Universe Blvd. Juno Beach, FL 33408-0420 maria.moncada@fpl.com david.lee@fpl.com Peter J. Mattheis / Michael K. Lavanga / Joseph R. Briscar Stone Mattheis Xenopoulos & Brew, PC NUCOR 1025 Thomas Jefferson Street, NW Eighth Floor, West Tower Washington, DC 20007 pjm@smxblaw.com mkl@smxblaw.com jrb@smxblaw.com	Kenneth A. Hoffman Florida Power & Light Company 134 W. Jefferson Street Tallahassee, FL 32301-1713 ken.hoffman@fpl.com Jon C. Moyle, Jr. Moyle Law Firm, P.A. FIPUG 118 North Gadsden Street Tallahassee, FL 32301 jmoyle@moylelaw.com Beth Keating Gunster, Yoakley & Stewart, P.A. Florida Public Utilities Company 215 South Monroe Street, Suite 601 Tallahassee, FL 32301 bkeating@gunster.com Michelle D. Napier / Jowi Baugh Florida Public Utilities Company 1635 Meathe Drive West Palm Beach, FL 33411 mnapier@fpuc.com jbaugh@chpk.com
--	---	---

DUKE ENERGY FLORIDA, LLC

DOCKET NO. 20250001-EI

**GPIF Schedules for
January through December 2024**

**DIRECT TESTIMONY OF
ADAM ROSS BINGHAM**

March 14, 2025

1 **Q. Please state your name and business address.**

2 A. My name is Adam Bingham. My business address is 525 South Tryon Street,
3 Charlotte, North Carolina 28202.

4

5 **Q. By whom are you employed and in what capacity?**

6 A. I am employed by Duke Energy Florida, LLC ("DEF") as a Lead Fuels and
7 Fleet Analyst for Fuels and Systems Optimization.

8

9 **Q. Describe your responsibilities as a Lead Fuels and Fleet Analyst.**

10 A. As a Lead Fuels and Fleet Analyst for Fuels and Systems Optimization, I
11 analyze and model energy portfolios for DEF. My responsibilities include
12 planning and coordination associated with economic system operations,
13 including production cost modeling, outage coordination, dispatch pricing,
14 fuel burn forecasting, position analysis, and commodities analytics.

1 **Q. Please describe your educational background and professional**
2 **experience.**

3 A. I earned Bachelor of Science and Master of Science degrees in Nuclear
4 Engineering from Texas A&M University in 2007 and 2009, respectively.
5 After graduation, I began working for Duke Energy in the Nuclear Fuels
6 Engineering department located in Charlotte, NC, as an Engineer I in the
7 Safety Analysis group. As a Safety Analysis engineer, my responsibilities
8 included performing steady-state and transient computational analysis for a
9 variety of nuclear reactor designs to support fuel reload activities and ensure
10 plant changes comply with design and licensing basis requirements. In 2012,
11 I acquired my Professional Engineer license for the state of North Carolina,
12 which I actively hold today, and in 2013, I was promoted to Senior Engineer.
13 In 2017, I moved to Nuclear Design within the Nuclear Fuels Engineering
14 department as a Senior Engineer, where I performed quantitative analyses
15 to support reload activities that design the fuel loading requirements for each
16 nuclear plant. Additionally, I took on the role of fleet lead for developing and
17 implementing new core monitoring software for all Westinghouse-designed
18 nuclear power plants operated by Duke Energy and its subsidiaries. In 2019,
19 I joined the Fuels and System Optimization department as a Senior Analyst
20 in the Fuels and Fleet Analytics group. Within this role, I performed
21 production cost modeling and system optimization analyses for DEF's
22 portfolio of generating units, power purchases and sales. As part of this
23 transition, I also became the coordinator of DEF's Generating Incentive
24 Factor (GPIF) program. In 2022, I was promoted to the position of Lead
25 Fuels & Fleet Analyst.

1 **Q. What is the purpose of your testimony?**

2 A. The purpose of my testimony is to describe the calculation of DEF's
3 Generating Performance Incentive Factor ("GPIF") reward/(penalty) amount
4 for the period of January through December 2024. This calculation was
5 based on a comparison of the actual performance of DEF's Nine (9) GPIF
6 generating units for this period against the approved targets set for these
7 units prior to the actual performance period.
8

9 **Q. Do you have an exhibit to your testimony in this proceeding?**

10 A. Yes, I am sponsoring Exhibit No. (ARB-1T), which consists of the schedules
11 required by the GPIF Implementation Manual to support the development of
12 the incentive amount. This 28-page exhibit is attached to my prepared
13 testimony and includes as its first page an index to the contents of the
14 exhibit.
15

16 **Q. What GPIF incentive amount has been calculated for this period?**

17 A. DEF's calculated GPIF incentive amount is a reward of \$1,146,970. This
18 amount was developed in a manner consistent with the GPIF
19 Implementation Manual. Page 2 of my exhibit shows the system GPIF points
20 and the corresponding reward/(penalty). The summary of weighted incentive
21 points earned by each individual unit can be found on page 4 of my exhibit.
22

23 **Q. How were the incentive points for equivalent availability and heat rate**
24 **calculated for the individual GPIF units?**

1 A. The calculation of incentive points was made by comparing the adjusted
2 actual performance data for equivalent availability and heat rate to the target
3 performance indicators for each unit. This comparison is shown on each
4 unit's Generating Performance Incentive Points Table found on pages 9
5 through 17 of my exhibit.

6
7 **Q. Why is it necessary to make adjustments to the actual performance**
8 **data for comparison with the targets?**

9 A. Adjustments to the actual equivalent availability and heat rate data are
10 necessary to allow their comparison with the "target" Point Tables exactly as
11 approved by the Commission. These adjustments are described in the
12 Implementation Manual and are further explained by a Staff memorandum,
13 dated October 23, 1981, directed to the GPIF utilities. The adjustments to
14 actual equivalent availability primarily concern the differences between
15 target and actual planned outage hours and are shown on page 7 of my
16 exhibit. The heat rate adjustments concern the differences between the
17 target and actual Net Output Factor (NOF) and are shown on page 8. The
18 methodology for both the equivalent availability and heat rate adjustments
19 are explained in the Staff memorandum.

20
21 In addition, the Bartow CC unit had data excluded during the period in which
22 portions of the unit were intentionally dispatched in simple cycle modes of
23 operation. The Bartow CC unit has the capability for one or more of its
24 combustion turbines to be operated in simple cycle mode while the steam
25 turbine remains on- or offline. Simple cycle operations are intentionally

1 dispatched while the steam turbine is in a planned outage or when it is
2 beneficial for system economics or reliability. When operating in simple cycle
3 mode, the unit's heat rate will deviate significantly from its normal range.
4 DEF's heat rate target setting process for the Bartow CC unit excludes
5 historical data from periods when the unit operated in simple cycle mode.
6 Portions of Bartow CC were dispatched in simple cycle mode several times
7 in 2024 to help effectively manage additional solar generation during periods
8 of lower system load. To be consistent with the target setting process, simple
9 cycle mode heat rate data was excluded from actuals for the purposes of
10 calculating the heat rate for the Bartow CC in year 2024 during those times
11 when the unit was being economically dispatched in simple cycle mode or
12 for system reliability.

13
14 **Q. Have you provided the as-worked planned outage schedules for DEF's**
15 **GPIF units to support your adjustments to actual equivalent**
16 **availability?**

17 A. Yes. Page 27 of my exhibit summarizes the planned outages experienced
18 by DEF's GPIF units during the period. Page 28 presents an as-worked
19 schedule for each individual planned outage.

20
21 **Q. Does this conclude your testimony?**

22 A. Yes.

GPIF REWARD/PENALTY SCHEDULES

<u>Description</u>	<u>Sheet</u>
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
Adjustments to ANOHR Actual	8
Generating Performance Incentive Points Table	9-17
Actual Unit Performance Data	18-26
Planned Outage Schedules (Actual)	27-28

GENERATING PERFORMANCE INCENTIVE FACTOR

REWARD/PENALTY TABLE

ACTUAL

Duke Energy Florida
January 2024 - December 2024

Generating Performance Incentive Points (GPIF)	Fuel Savings/Loss (\$)	Generating Performance Incentive Factor (\$)
10	\$ 36,469,645	\$ 18,234,823
9	\$ 32,822,681	\$ 16,411,340
8	\$ 29,175,716	\$ 14,587,858
7	\$ 25,528,752	\$ 12,764,376
6	\$ 21,881,787	\$ 10,940,894
5	\$ 18,234,823	\$ 9,117,411
4	\$ 14,587,858	\$ 7,293,929
3	\$ 10,940,894	\$ 5,470,447
2	\$ 7,293,929	\$ 3,646,965
1	\$ 3,646,965	\$ 1,823,482
**** 0.629	\$ 2,293,941	\$ 1,146,970
0	\$ -	\$ -
-1	\$ (4,937,695)	\$ (1,823,482)
-2	\$ (9,875,390)	\$ (3,646,965)
-3	\$ (14,813,085)	\$ (5,470,447)
-4	\$ (19,750,781)	\$ (7,293,929)
-5	\$ (24,688,476)	\$ (9,117,411)
-6	\$ (29,626,171)	\$ (10,940,894)
-7	\$ (34,563,866)	\$ (12,764,376)
-8	\$ (39,501,561)	\$ (14,587,858)
-9	\$ (44,439,256)	\$ (16,411,340)
-10	\$ (49,376,952)	\$ (18,234,823)

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

GENERATION PERFORMANCE INCENTIVE FACTOR

CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS

Duke Energy Florida
January 2024 - December 2024

1	Beginning of period balance of common equity	\$ 10,042,681,691	
	END OF MONTH BALANCE OF COMMON EQUITY:		
2	Month of JANUARY 2024	\$ 10,141,995,176	
3	Month of FEBRUARY 2024	\$ 10,175,875,553	
4	Month of MARCH 2024	\$ 10,222,352,788	
5	Month of APRIL 2024	\$ 10,278,130,353	
6	Month of MAY 2024	\$ 10,414,109,115	
7	Month of JUNE 2024	\$ 10,546,042,901	
8	Month of JULY 2024	\$ 11,013,355,358	
9	Month of AUGUST 2024	\$ 10,654,277,898	
10	Month of SEPTEMBER 2024	\$ 10,767,016,254	
11	Month of OCTOBER 2024	\$ 10,828,186,992	
12	Month of NOVEMBER 2024	\$ 10,892,491,606	
13	Month of DECEMBER 2024	\$ 10,981,435,903	
14	Average common equity for the period	\$ 10,535,227,045	
15	25 Basis Points	0.0025	
16	Revenue Expansion Factor	74.5026%	
17	Maximum allowed incentive dollars	\$ 35,351,892	
18	Jurisdictional Sales *	41,131,708 MWH	
19	Total Sales *	41,148,635 MWH	
20	Jurisdictional Separation Factor	99.9600%	
21	Maximum allowed jurisdictional incentive dollars	\$ 35,337,751	
22	Incentive Cap (50% of Projected Fuel Savings at 10 GPIF Point Level) From Sheet No. 6.101.1	\$ 18,234,823	
23	Maximum Allowed GPIF Reward (Lesser of Line 21 and Line 22)	\$ 18,234,823	
*	Net sales (Sales - Interruptible)		

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

Original Sheet No. 6.101.3

GENERATION PERFORMANCE INCENTIVE FACTOR

CALCULATION OF SYSTEM ACTUAL GPIF POINTS

Duke Energy Florida
January 2024 - December 2024

<u>Plant/Unit</u>	<u>Performance Indicator EAF or ANOHR</u>	<u>Weighting Factor %</u>	<u>Unit Points</u>	<u>Weighted Unit Points</u>
Bartow CC	EAF	6.46	4.392	0.284
	ANOHR	17.71	0.000	0.000
Citrus County 1	EAF	4.72	-0.543	-0.026
	ANOHR	5.81	0.000	0.000
Citrus County 2	EAF	2.03	6.880	0.140
	ANOHR	4.93	0.000	0.000
Crystal River 4	EAF	5.87	-10.000	-0.587
	ANOHR	10.51	3.467	0.364
Crystal River 5	EAF	2.59	-10.000	-0.259
	ANOHR	15.56	3.132	0.487
Hines 1	EAF	0.89	-10.000	-0.089
	ANOHR	4.50	0.000	0.000
Hines 3	EAF	1.46	7.369	0.107
	ANOHR	4.73	0.000	0.000
Hines 4	EAF	2.59	8.383	0.217
	ANOHR	5.10	0.000	0.000
Osprey CC	EAF	0.18	-6.645	-0.012
	ANOHR	4.37	0.075	0.003
GPIF System		100.00		0.629

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

Original Sheet No. 6.101.4

GENERATION PERFORMANCE INCENTIVE FACTOR
GPIF UNIT PERFORMANCE SUMMARY

Duke Energy Florida
January 2024 - December 2024

Plant/Unit	Weighting Factor (%)	EAF Target (%)	EAF RANGE		Max. Fuel Savings (\$000)	Max. Fuel Loss (\$000)	EAF Adjusted Actual (%)	Estimated Fuel Savings/ Loss
			Max. (%)	Min. (%)				(\$000)
Bartow CC	6.46	81.34	85.06	73.80	\$2,357	(\$3,459)	82.98	\$1,035
Citrus County 1	4.72	88.61	89.92	85.91	\$1,721	(\$692)	88.46	(\$38)
Citrus County 2	2.03	89.49	90.39	87.61	\$741	(\$1,413)	90.11	\$510
Crystal River 4	5.87	67.33	73.36	56.57	\$2,139	(\$8,574)	45.92	(\$8,574)
Crystal River 5	2.59	93.35	96.44	87.20	\$946	(\$3,384)	56.57	(\$3,384)
Hines 1	0.89	82.35	83.97	79.01	\$325	(\$882)	76.58	(\$882)
Hines 3	1.46	87.29	89.66	82.54	\$531	(\$1,529)	89.03	\$391
Hines 4	2.59	79.18	82.15	73.17	\$944	(\$1,753)	81.67	\$792
Osprey CC	0.18	88.81	90.46	85.50	\$64	(\$988)	86.61	(\$657)

GPIF System	26.78				\$9,767.8	(\$22,675.2)		(\$10,806.9)
-------------	-------	--	--	--	-----------	--------------	--	--------------

Plant/Unit	Weighting Factor (%)	ANOHR		ANOHR RANGE		Max. Fuel Savings (\$000)	Max. Fuel Loss (\$000)	ANOHR Adjusted Actual (Btu/kwh)	Estimated Fuel Savings/ Loss
		Target (BTU/KWH)	NOF	Min. (Btu/kwh)	Max. (Btu/kwh)				(\$000)
Bartow CC	17.71	7,577	72.6	7,275	7,878	\$6,459	(\$6,459)	7,599	\$0
Citrus County 1	5.81	6,828	93.8	6,730	6,926	\$2,118	(\$2,118)	6,850	\$0
Citrus County 2	4.93	6,789	96.5	6,709	6,870	\$1,797	(\$1,797)	6,807	\$0
Crystal River 4	10.51	10,589	62.6	9,984	11,193	\$3,834	(\$3,834)	10,330	\$1,329
Crystal River 5	15.56	10,541	63.1	9,917	11,165	\$5,675	(\$5,675)	10,294	\$1,778
Hines 1	4.50	7,352	82.1	7,186	7,519	\$1,642	(\$1,642)	7,330	\$0
Hines 3	4.73	7,177	83.3	7,017	7,336	\$1,724	(\$1,724)	7,154	\$0
Hines 4	5.10	7,116	85.2	6,947	7,285	\$1,858	(\$1,858)	7,080	\$0
Osprey CC	4.37	7,317	77.3	7,111	7,523	\$1,595	(\$1,595)	7,241	\$12

GPIF System	73.22				\$26,701.8	(\$26,701.8)		\$3,118.7
-------------	-------	--	--	--	------------	--------------	--	-----------

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

Original Sheet No. 6.101.5

GENERATION PERFORMANCE INCENTIVE FACTOR
ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida
January 2024 - December 2024

Plant/Unit	ACTUAL EAF %	ADJUSTMENTS (1) TO EAF %	ADJUSTED ACTUAL EAF %
Bartow CC	83.63	-0.65	82.98
Citrus County 1	91.32	-2.86	88.46
Citrus County 2	90.64	-0.53	90.11
Crystal River 4	55.35	-9.43	45.92
Crystal River 5	42.21	14.36	56.57
Hines 1	89.15	-12.57	76.58
Hines 3	94.88	-5.84	89.03
Hines 4	78.36	3.30	81.67
Osprey CC	84.01	2.60	86.61
Plant/Unit	ACTUAL ANOHR BTU/KWH	ADJUSTMENTS (2) TO ANOHR BTU/KWH	ADJUSTED ACTUAL ANOHR BTU/KWH

Bartow CC	7,536.3	62.5	7,598.8
Citrus County 1	6,855.1	-5.4	6,849.7
Citrus County 2	6,809.1	-2.6	6,806.5
Crystal River 4	11,143.2	-812.9	10,330.3
Crystal River 5	10,709.6	-415.6	10,294.0
Hines 1	7,409.5	-79.3	7,330.2
Hines 3	7,157.8	-3.4	7,154.5
Hines 4	7,087.2	-7.5	7,079.7
Osprey CC	7,265.8	-24.5	7,241.3

(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.

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

GENERATION PERFORMANCE INCENTIVE FACTOR
ADJUSTMENTS TO EAF ACTUAL

Duke Energy Florida
January 2024 - December 2024

EAF adjustments for Planned Outage Hours			Bartow CC <u>BA4</u>	Citrus County 1 <u>CC1</u>	Citrus County 2 <u>CC2</u>	Crystal River 4 <u>CR4</u>	Crystal River 5 <u>CR5</u>	Hines 1 <u>HN1</u>	Hines 3 <u>HN3</u>	Hines 4 <u>HN4</u>	Osprey CC <u>OS1</u>
1	Actual POH	Hrs.	880.15	496.74	708.79	221.93	2,229.98	11.22	139.54	1,575.59	915.40
2	Target POH	Hrs.	942.00	756.00	756.00	1,680.00	0.00	1,248.00	672.00	1,272.00	672.00
3	Adj. Factor (PH-POHT/PH-POHA)		0.99	0.97	0.99	0.83	1.34	0.86	0.94	1.04	1.03
4	Actual EUOH	Hrs.	557.69	265.77	113.62	3,700.40	2,846.55	941.80	310.28	324.86	489.04
5	Adj. EUOH (3*4)	Hrs.	553.32	257.46	112.96	3,070.24	3,815.09	809.03	291.17	338.54	504.16
6	Actual EAF	%	83.63	91.32	90.64	55.35	42.21	89.15	94.88	78.36	84.01
7	Adjusted EAF (using 2 & 5)	%	82.98	88.46	90.11	45.92	56.57	76.58	89.03	81.67	86.61
8	Difference (7-6)	%	-0.65	-2.86	-0.53	-9.43	14.36	-12.57	-5.84	3.30	2.60
9	Total adj. to EAF	%	-0.65	-2.86	-0.53	-9.43	14.36	-12.57	-5.84	3.30	2.60

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

Original Sheet No. 6.101.7

GENERATION PERFORMANCE INCENTIVE FACTOR
ADJUSTMENTS TO ANOHR ACTUAL

Duke Energy Florida
January 2024 - December 2024

ANOHR adjustments for Target NOF			Bartow CC <u>BA4</u>	Citrus County 1 <u>CC1</u>	Citrus County 2 <u>CC2</u>	Crystal River 4 <u>CR4</u>	Crystal River 5 <u>CR5</u>	Hines 1 <u>HN1</u>	Hines 3 <u>HN3</u>	Hines 4 <u>HN4</u>	Osprey CC <u>OS1</u>
1	Target NOF	%	72.6	93.8	96.5	62.6	63.1	82.1	83.3	85.2	77.3
2	Target ANOHR	Btu/kwh	7576.6	6827.7	6789.2	10588.8	10541.1	7352.3	7176.8	7116.3	7317.3
3	Actual NOF	%	80.6	93.4	95.7	48.3	54.7	77.6	82.6	83.8	74.4
4	Calc. ANOHR (using 3)	Btu/kwh	7,514.1	6,833.1	6,791.8	11,401.7	10,956.6	7,431.6	7,180.2	7,123.8	7,341.8
5	Total adj. to ANOHR (2-4)	Btu/kwh	62.5	-5.4	-2.6	-812.9	-415.6	-79.3	-3.4	-7.5	-24.5

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
January 2024 - December 2024

Unit: Bartow CC

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
-----	-----	-----	-----	-----	-----
10	\$2,357,307	85.06	10	\$6,458,589	7,275.0
9	\$2,121,576	84.69	9	\$5,812,730	7,297.7
8	\$1,885,846	84.32	8	\$5,166,871	7,320.3
7	\$1,650,115	83.95	7	\$4,521,012	7,343.0
6	\$1,414,384	83.57	6	\$3,875,153	7,365.7
5	\$1,178,653	83.20	5	\$3,229,294	7,388.3
**** 4.392	\$1,035,329	82.98	4	\$2,583,436	7,411.0
4	\$942,923	82.83	3	\$1,937,577	7,433.7
3	\$707,192	82.46	2	\$1,291,718	7,456.3
2	\$471,461	82.09	1	\$645,859	7,479.0
1	\$235,731	81.72	0	\$0	7,501.6
	\$0	81.34	0.000	\$0	7,598.8 ****
0	\$0	81.34	0	\$0	7,576.6
	\$0	81.34	0	\$0	7,651.6
-1	(\$345,935)	80.59	-1	(\$645,859)	7,674.3
-2	(\$691,871)	79.84	-2	(\$1,291,718)	7,697.0
-3	(\$1,037,806)	79.08	-3	(\$1,937,577)	7,719.6
-4	(\$1,383,741)	78.33	-4	(\$2,583,436)	7,742.3
-5	(\$1,729,677)	77.57	-5	(\$3,229,294)	7,764.9
-6	(\$2,075,612)	76.82	-6	(\$3,875,153)	7,787.6
-7	(\$2,421,547)	76.06	-7	(\$4,521,012)	7,810.3
-8	(\$2,767,483)	75.31	-8	(\$5,166,871)	7,832.9
-9	(\$3,113,418)	74.55	-9	(\$5,812,730)	7,855.6
-10	(\$3,459,353)	73.80	-10	(\$6,458,589)	7,878.2

Equivalent Availability
Weighting Factor:

6.46%

Heat Rate
Weighting Factor:

17.71%

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
January 2024 - December 2024

Unit: Citrus County 1

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
-----	-----	-----	-----	-----	-----
10	\$1,720,681	89.92	10	\$2,117,874	6,729.7
9	\$1,548,613	89.79	9	\$1,906,087	6,732.0
8	\$1,376,545	89.66	8	\$1,694,299	6,734.3
7	\$1,204,476	89.53	7	\$1,482,512	6,736.6
6	\$1,032,408	89.40	6	\$1,270,725	6,738.9
5	\$860,340	89.27	5	\$1,058,937	6,741.2
4	\$688,272	89.13	4	\$847,150	6,743.5
3	\$516,204	89.00	3	\$635,362	6,745.8
2	\$344,136	88.87	2	\$423,575	6,748.1
1	\$172,068	88.74	1	\$211,787	6,750.4
	\$0	88.61	0	\$0	6,752.7
0	\$0	88.61	0.000	\$0	6,849.7 ****
	\$0	88.61	0	\$0	6,827.7
****	-0.543	88.46	0	\$0	6,902.7
	(\$37,593)	88.34	-1	(\$211,787)	6,905.0
	(\$69,232)	88.07	-2	(\$423,575)	6,907.3
	(\$138,465)	87.80	-3	(\$635,362)	6,909.6
	(\$207,697)	87.53	-4	(\$847,150)	6,911.9
	(\$276,930)	87.26	-5	(\$1,058,937)	6,914.2
	(\$346,162)	86.99	-6	(\$1,270,725)	6,916.5
	(\$415,395)	86.72	-7	(\$1,482,512)	6,918.8
	(\$484,627)	86.45	-8	(\$1,694,299)	6,921.1
	(\$553,860)	86.18	-9	(\$1,906,087)	6,923.3
	(\$623,092)	85.91	-10	(\$2,117,874)	6,925.6
	(\$692,324)				

Equivalent Availability
Weighting Factor:

4.72%

Heat Rate
Weighting Factor:

5.81%

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
January 2024 - December 2024

Unit: Citrus County 2

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
-----	-----	-----	-----	-----	-----
10	\$740,584	90.39	10	\$1,797,227	6,708.7
9	\$666,526	90.30	9	\$1,617,504	6,709.3
8	\$592,467	90.21	8	\$1,437,781	6,709.8
7	\$518,409	90.12	7	\$1,258,059	6,710.4
**** 6.88	\$509,522	90.11	6	\$1,078,336	6,710.9
6	\$444,350	90.03	5	\$898,613	6,711.4
5	\$370,292	89.94	4	\$718,891	6,712.0
4	\$296,234	89.85	3	\$539,168	6,712.5
3	\$222,175	89.76	2	\$359,445	6,713.1
2	\$148,117	89.67	1	\$179,723	6,713.6
1	\$74,058	89.58	0	\$0	6,714.2
	\$0	89.49	0.000	\$0	6,806.5 ****
0	\$0	89.49	0	\$0	6,789.2
	\$0	89.49	0	\$0	6,864.2
-1	(\$141,277)	89.30	-1	(\$179,723)	6,864.7
-2	(\$282,554)	89.11	-2	(\$359,445)	6,865.3
-3	(\$423,831)	88.92	-3	(\$539,168)	6,865.8
-4	(\$565,107)	88.74	-4	(\$718,891)	6,866.4
-5	(\$706,384)	88.55	-5	(\$898,613)	6,866.9
-6	(\$847,661)	88.36	-6	(\$1,078,336)	6,867.5
-7	(\$988,938)	88.17	-7	(\$1,258,059)	6,868.0
-8	(\$1,130,215)	87.99	-8	(\$1,437,781)	6,868.6
-9	(\$1,271,492)	87.80	-9	(\$1,617,504)	6,869.1
-10	(\$1,412,769)	87.61	-10	(\$1,797,227)	6,869.7

Equivalent Availability
Weighting Factor:

2.03%

Heat Rate
Weighting Factor:

4.93%

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
January 2024 - December 2024

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	\$2,139,061	73.36	10	\$3,833,888	9,984.5	
9	\$1,925,155	72.76	9	\$3,450,500	10,037.4	
8	\$1,711,249	72.16	8	\$3,067,111	10,090.3	
7	\$1,497,343	71.55	7	\$2,683,722	10,143.3	
6	\$1,283,437	70.95	6	\$2,300,333	10,196.2	
5	\$1,069,531	70.35	5	\$1,916,944	10,249.1	
4	\$855,625	69.74	4	\$1,533,555	10,302.1	
3	\$641,718	69.14	3.467	\$1,329,209	10,330.3	
2	\$427,812	68.54	3	\$1,150,167	10,355.0	
1	\$213,906	67.93	2	\$766,778	10,407.9	
	\$0	67.33	1	\$383,389	10,460.8	
0	\$0	67.33	0	\$0	10,513.8	
	\$0	67.33	0	\$0	10,588.8	
-1	(\$857,360)	66.25	0	\$0	10,663.8	
-2	(\$1,714,720)	65.18	-1	(\$383,389)	10,716.7	
-3	(\$2,572,081)	64.10	-2	(\$766,778)	10,769.6	
-4	(\$3,429,441)	63.03	-3	(\$1,150,167)	10,822.6	
-5	(\$4,286,801)	61.95	-4	(\$1,533,555)	10,875.5	
-6	(\$5,144,161)	60.87	-5	(\$1,916,944)	10,928.4	
-7	(\$6,001,521)	59.80	-6	(\$2,300,333)	10,981.3	
-8	(\$6,858,882)	58.72	-7	(\$2,683,722)	11,034.3	
-9	(\$7,716,242)	57.64	-8	(\$3,067,111)	11,087.2	
-10	(\$8,573,602)	56.57	-9	(\$3,450,500)	11,140.1	
****	-10	(\$8,573,602)	56.57	-10	(\$3,833,888)	11,193.1

Equivalent Availability
Weighting Factor:

5.87%

Heat Rate
Weighting Factor:

10.51%

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
January 2024 - December 2024

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	\$945,545	96.44	10	\$5,675,472	9,916.7	
9	\$850,990	96.13	9	\$5,107,925	9,971.6	
8	\$756,436	95.82	8	\$4,540,378	10,026.6	
7	\$661,881	95.51	7	\$3,972,831	10,081.5	
6	\$567,327	95.20	6	\$3,405,283	10,136.4	
5	\$472,772	94.89	5	\$2,837,736	10,191.4	
4	\$378,218	94.58	4	\$2,270,189	10,246.3	
3	\$283,663	94.27	3.132	\$1,777,558	10,294.0	
2	\$189,109	93.97	3	\$1,702,642	10,301.3	
1	\$94,554	93.66	2	\$1,135,094	10,356.2	
	\$0	93.35	1	\$567,547	10,411.1	
0	\$0	93.35	0	\$0	10,466.1	
	\$0	93.35	0	\$0	10,541.1	
-1	(\$338,422)	92.73	0	\$0	10,616.1	
-2	(\$676,843)	92.12	-1	(\$567,547)	10,671.0	
-3	(\$1,015,265)	91.50	-2	(\$1,135,094)	10,726.0	
-4	(\$1,353,686)	90.89	-3	(\$1,702,642)	10,780.9	
-5	(\$1,692,108)	90.28	-4	(\$2,270,189)	10,835.8	
-6	(\$2,030,530)	89.66	-5	(\$2,837,736)	10,890.8	
-7	(\$2,368,951)	89.05	-6	(\$3,405,283)	10,945.7	
-8	(\$2,707,373)	88.43	-7	(\$3,972,831)	11,000.7	
-9	(\$3,045,794)	87.82	-8	(\$4,540,378)	11,055.6	
-10	(\$3,384,216)	87.20	-9	(\$5,107,925)	11,110.5	
****	-10	(\$3,384,216)	87.20	-10	(\$5,675,472)	11,165.5

Equivalent Availability
Weighting Factor:

2.59%

Heat Rate
Weighting Factor:

15.56%

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
January 2024 - December 2024

Unit: Hines 1

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
-----	-----	-----	-----	-----	-----
10	\$325,309	83.97	10	\$1,641,679	7,185.9
9	\$292,778	83.81	9	\$1,477,511	7,195.0
8	\$260,247	83.65	8	\$1,313,343	7,204.2
7	\$227,716	83.48	7	\$1,149,175	7,213.3
6	\$195,186	83.32	6	\$985,007	7,222.5
5	\$162,655	83.16	5	\$820,839	7,231.6
4	\$130,124	83.00	4	\$656,672	7,240.7
3	\$97,593	82.83	3	\$492,504	7,249.9
2	\$65,062	82.67	2	\$328,336	7,259.0
1	\$32,531	82.51	1	\$164,168	7,268.2
	\$0	82.35	0	\$0	7,277.3
0	\$0	82.35	0.000	\$0	7,330.2 ****
	\$0	82.35	0	\$0	7,352.3
-1	(\$88,232)	82.01	0	\$0	7,427.3
-2	(\$176,464)	81.68	-1	(\$164,168)	7,436.4
-3	(\$264,696)	81.35	-2	(\$328,336)	7,445.6
-4	(\$352,929)	81.01	-3	(\$492,504)	7,454.7
-5	(\$441,161)	80.68	-4	(\$656,672)	7,463.8
-6	(\$529,393)	80.34	-5	(\$820,839)	7,473.0
-7	(\$617,625)	80.01	-6	(\$985,007)	7,482.1
-8	(\$705,857)	79.67	-7	(\$1,149,175)	7,491.3
-9	(\$794,089)	79.34	-8	(\$1,313,343)	7,500.4
-10	(\$882,322)	79.01	-9	(\$1,477,511)	7,509.5
****	(\$882,322)	79.01	-10	(\$1,641,679)	7,518.7

Equivalent Availability
Weighting Factor:

0.89%

Heat Rate
Weighting Factor:

4.50%

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
January 2024 - December 2024

Unit: Hines 3

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
-----	-----	-----	-----	-----	-----
10	\$530,773	89.66	10	\$1,723,801	7,017.3
9	\$477,696	89.42	9	\$1,551,421	7,025.7
8	\$424,618	89.18	8	\$1,379,041	7,034.2
**** 7.369	\$391,127	89.03	7	\$1,206,661	7,042.6
7	\$371,541	88.95	6	\$1,034,280	7,051.1
6	\$318,464	88.71	5	\$861,900	7,059.5
5	\$265,387	88.48	4	\$689,520	7,068.0
4	\$212,309	88.24	3	\$517,140	7,076.4
3	\$159,232	88.00	2	\$344,760	7,084.9
2	\$106,155	87.77	1	\$172,380	7,093.3
1	\$53,077	87.53	0	\$0	7,101.8
	\$0	87.29	0.000	\$0	7,154.5 ****
0	\$0	87.29	0	\$0	7,176.8
	\$0	87.29	0	\$0	7,251.8
-1	(\$152,886)	86.82	-1	(\$172,380)	7,260.3
-2	(\$305,772)	86.34	-2	(\$344,760)	7,268.7
-3	(\$458,658)	85.87	-3	(\$517,140)	7,277.2
-4	(\$611,544)	85.39	-4	(\$689,520)	7,285.6
-5	(\$764,430)	84.92	-5	(\$861,900)	7,294.1
-6	(\$917,316)	84.44	-6	(\$1,034,280)	7,302.5
-7	(\$1,070,202)	83.97	-7	(\$1,206,661)	7,311.0
-8	(\$1,223,088)	83.49	-8	(\$1,379,041)	7,319.4
-9	(\$1,375,973)	83.02	-9	(\$1,551,421)	7,327.9
-10	(\$1,528,859)	82.54	-10	(\$1,723,801)	7,336.3

Equivalent Availability
Weighting Factor:

1.46%

Heat Rate
Weighting Factor:

4.73%

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
January 2024 - December 2024

Unit: Hines 4

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
-----	-----	-----	-----	-----	-----
10	\$944,333	82.15	10	\$1,858,438	6,947.3
9	\$849,900	81.85	9	\$1,672,594	6,956.7
**** 8.383	\$791,635	81.67	8	\$1,486,751	6,966.1
8	\$755,467	81.55	7	\$1,300,907	6,975.5
7	\$661,033	81.25	6	\$1,115,063	6,984.9
6	\$566,600	80.96	5	\$929,219	6,994.3
5	\$472,167	80.66	4	\$743,375	7,003.7
4	\$377,733	80.36	3	\$557,531	7,013.1
3	\$283,300	80.07	2	\$371,688	7,022.5
2	\$188,867	79.77	1	\$185,844	7,031.9
1	\$94,433	79.47	0	\$0	7,041.3
	\$0	79.18	0.000	\$0	7,079.7 ****
0	\$0	79.18	0	\$0	7,116.3
	\$0	79.18	0	\$0	7,191.3
-1	(\$175,337)	78.58	-1	(\$185,844)	7,200.7
-2	(\$350,674)	77.98	-2	(\$371,688)	7,210.1
-3	(\$526,011)	77.38	-3	(\$557,531)	7,219.5
-4	(\$701,348)	76.78	-4	(\$743,375)	7,228.9
-5	(\$876,685)	76.18	-5	(\$929,219)	7,238.3
-6	(\$1,052,022)	75.58	-6	(\$1,115,063)	7,247.7
-7	(\$1,227,359)	74.98	-7	(\$1,300,907)	7,257.1
-8	(\$1,402,696)	74.37	-8	(\$1,486,751)	7,266.5
-9	(\$1,578,033)	73.77	-9	(\$1,672,594)	7,275.9
-10	(\$1,753,371)	73.17	-10	(\$1,858,438)	7,285.2

Equivalent Availability
Weighting Factor:

2.59%

Heat Rate
Weighting Factor:

5.10%

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
January 2024 - December 2024

Unit: Osprey CC

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
-----	-----	-----	-----	-----	-----
10	\$64,255	90.46	10	\$1,594,829	7,111.5
9	\$57,830	90.30	9	\$1,435,346	7,124.5
8	\$51,404	90.13	8	\$1,275,863	7,137.6
7	\$44,979	89.97	7	\$1,116,380	7,150.7
6	\$38,553	89.80	6	\$956,897	7,163.8
5	\$32,128	89.64	5	\$797,414	7,176.9
4	\$25,702	89.47	4	\$637,931	7,190.0
3	\$19,277	89.31	3	\$478,449	7,203.1
2	\$12,851	89.14	2	\$318,966	7,216.1
1	\$6,426	88.98	1	\$159,483	7,229.2
	\$0	88.81	0.075	\$11,961	7,241.3 ****
0	\$0	88.81	0	\$0	7,242.3
	\$0	88.81	0	\$0	7,317.3
-1	(\$98,834)	88.48	0	\$0	7,392.3
-2	(\$197,668)	88.15	-1	(\$159,483)	7,405.4
-3	(\$296,502)	87.82	-2	(\$318,966)	7,418.5
-4	(\$395,336)	87.49	-3	(\$478,449)	7,431.6
-5	(\$494,169)	87.16	-4	(\$637,931)	7,444.6
-6	(\$593,003)	86.82	-5	(\$797,414)	7,457.7
****	-6.645	(\$656,751)	86.61	(\$956,897)	7,470.8
	-7	(\$691,837)	86.49	(\$1,116,380)	7,483.9
	-8	(\$790,671)	86.16	(\$1,275,863)	7,497.0
	-9	(\$889,505)	85.83	(\$1,435,346)	7,510.1
	-10	(\$988,339)	85.50	(\$1,594,829)	7,523.2

Equivalent Availability
Weighting Factor:

0.18%

Heat Rate
Weighting Factor:

4.37%

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

Original Sheet No. 6.101.17

ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Bartow CC	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-Dec Period
1. EAF	88.14	97.04	72.93	81.58	98.37	99.90	99.86	98.57	92.51	49.45	56.37	69.60	83.63
2. PH	744	696	743	720	744	720	744	744	720	744	721	744	8,784
3. SH	577.2	572.7	518.9	557.3	721.7	719.4	740.7	734.2	656.8	405.2	444.4	507.1	6,602.5
4. RSH	88.7	102.7	60.4	49.0	14.1	0.0	3.3	0.0	17.1	0.0	4.0	18.2	357.4
5. UH	78.2	20.6	163.7	113.7	8.2	0.6	0.0	9.8	46.1	338.8	272.6	218.8	1,271.1
6. POH	0.0	0.0	147.7	103.1	0.0	0.0	0.0	0.0	35.9	213.0	216.5	35.0	751.1
7. FOH	41.8	0.1	1.9	1.7	1.3	0.0	0.0	7.4	4.7	125.8	56.1	166.7	407.5
8. MOH	36.4	20.5	14.2	8.9	6.8	0.6	0.0	2.4	5.6	0.0	0.0	17.0	112.6
9. PPOH	0.0	0.0	334.5	246.7	0.0	0.0	0.0	0.0	87.4	269.0	245.1	0.0	1,182.6
10. LR PP (MW)	0.0	0.0	98.0	76.0	0.0	0.0	0.0	0.0	91.7	152.7	175.0	0.0	121.3
11. PFOH	44.6	0.0	5.8	0.0	28.8	0.0	6.2	17.6	2.0	2.4	13.2	191.0	311.5
12. LR PF (MW)	177.0	0.0	126.9	0.0	122.6	0.0	76.0	37.0	69.7	175.0	288.0	38.0	79.9
13. PMOH	43.4	0.0	46.3	19.8	11.6	1.3	8.9	5.9	13.0	0.0	0.0	26.5	176.8
14. LR PM (MW)	76.0	0.0	175.0	113.7	76.0	76.0	76.0	37.0	37.0	0.0	0.0	37.0	96.2
15. NSC (MW)	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112
16. OPER MBTU	2,866,205	3,345,986	2,226,784	3,007,278	4,560,483	5,199,120	5,336,790	5,183,286	4,417,380	2,381,840	2,555,840	3,533,060	44,614,052
17. NET GEN (MWH)	378,081	448,742	292,931	396,908	618,453	705,948	720,247	701,590	595,752	305,996	317,385	437,882	5,919,915
18. ANOHR (BTU/KWH)	7,580.9	7,456.4	7,601.7	7,576.8	7,374.0	7,364.7	7,409.7	7,387.9	7,414.8	7,783.9	8,052.8	8,068.5	7,536.3
19. NOF (%)	81.50	80.91	71.99	72.80	85.87	88.25	87.44	87.25	83.35	67.91	64.22	77.66	80.63
20. NPC (MW)	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112	1,112
ANOHR EQUATION:	ANOHR=	-7.776	x NOF +	8,141.11									

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

Original Sheet No. 6.101.18

ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Citrus County 1	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-Dec Period
1. EAF	100.00	26.11	97.15	96.42	98.75	83.86	100.00	100.00	99.97	99.90	100.00	89.95	91.32
2. PH	744	696	743	720	744	720	744	744	720	744	721	744	8,784
3. SH	744.0	185.7	721.8	701.2	744.0	603.8	744.0	744.0	720.0	744.0	721.0	684.6	8,058.2
4. 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. UH	0.0	510.3	21.2	18.8	0.0	116.2	0.0	0.0	0.0	0.0	0.0	59.4	725.8
6. POH	0.0	484.1	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	496.7
7. FOH	0.0	14.1	5.4	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	20.5
8. MOH	0.0	12.1	3.1	18.8	0.0	115.2	0.0	0.0	0.0	0.0	0.0	59.4	208.6
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	0.0	13.2	0.0	0.0	144.8	0.0	0.0	0.0	7.8	22.3	0.8	0.0	188.9
12. LR PF (MW)	0.0	90.5	0.0	0.0	52.0	0.0	0.0	0.0	22.1	26.0	22.0	0.0	50.3
13. PMOH	0.0	13.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	78.9	116.8
14. LR PM (MW)	0.0	157.0	0.0	227.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	157.0	172.0
15. NSC (MW)	807	807	807	807	807	807	807	807	807	807	807	807	807
16. OPER MBTU	4,009,430	916,550	3,838,340	3,530,670	3,667,310	3,081,710	3,901,750	3,903,450	3,760,220	3,851,970	3,686,980	3,489,080	41,637,460
17. NET GEN (MWH)	588,695	128,801	558,488	513,984	538,287	446,775	568,640	568,434	546,975	563,476	545,709	505,712	6,073,976
18. ANOHR (BTU/KWH)	6,810.7	7,116.0	6,872.7	6,869.2	6,812.9	6,897.7	6,861.5	6,867.0	6,874.6	6,836.1	6,756.3	6,899.3	6,855.1
19. NOF (%)	98.05	85.94	95.87	90.83	89.65	91.69	94.71	94.67	94.14	93.85	93.79	91.54	93.40
20. NPC (MW)	807	807	807	807	807	807	807	807	807	807	807	807	807
ANOHR EQUATION:	ANOHR=	-12.605	x NOF +	8,010.47									

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

Original Sheet No. 6.101.19

ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Citrus County 2	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-Dec Period
1. EAF	99.89	92.60	93.48	99.88	100.00	100.00	100.00	99.95	91.95	99.96	73.09	37.07	90.64
2. PH	744	696	743	720	744	720	744	744	720	744	721	744	8,784
3. SH	743.4	646.0	704.4	719.4	744.0	720.0	744.0	744.0	673.8	744.0	527.7	271.2	7,981.9
4. RSH	0.0	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	16.2
5. UH	0.6	38.7	38.6	0.6	0.0	0.0	0.0	0.0	46.2	0.0	193.3	467.8	785.8
6. POH	0.0	38.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	191.0	466.2	696.0
7. FOH	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	1.6	4.5
8. MOH	0.0	0.0	38.6	0.6	0.0	0.0	0.0	0.0	46.2	0.0	0.0	0.0	85.4
9. PPOH	0.0	66.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.3
10. LR PP (MW)	0.0	155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	155.0
11. PFOH	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	3.6	2.1	15.7
12. LR PF (MW)	140.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.5	147.3	155.0	72.7
13. PMOH	0.0	0.0	51.2	0.8	0.0	0.0	0.0	4.0	61.0	2.1	0.0	0.0	119.1
14. LR PM (MW)	0.0	0.0	155.0	200.0	0.0	0.0	0.0	68.5	155.0	55.2	0.0	0.0	150.7
15. NSC (MW)	803	803	803	803	803	803	803	803	803	803	803	803	803
16. OPER MBTU	4,037,200	3,347,450	3,692,860	3,692,820	3,868,660	3,817,610	3,942,360	3,930,540	3,395,500	3,913,110	2,715,260	1,417,970	41,771,340
17. NET GEN (MWH)	599,338	501,735	541,860	540,662	567,905	557,444	576,853	573,382	495,244	573,228	401,301	205,671	6,134,623
18. ANOHR (BTU/KWH)	6,736.1	6,671.7	6,815.2	6,830.2	6,812.2	6,848.4	6,834.3	6,855.0	6,856.2	6,826.4	6,766.1	6,894.4	6,809.1
19. NOF (%)	100.40	96.72	95.79	93.60	95.06	96.42	96.56	95.97	91.53	95.95	94.71	94.43	95.71
20. NPC (MW)	803	803	803	803	803	803	803	803	803	803	803	803	803
ANOHR EQUATION:	ANOHR=	-3.397	x NOF +	7,116.96									

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

Original Sheet No. 6.101.20

ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Crystal River 4	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-Dec Period
1. EAF	68.35	0.00	52.77	87.87	81.20	90.42	96.28	60.48	83.85	0.00	1.64	39.17	55.35
2. PH	744	696	743	720	744	720	744	744	720	744	721	744	8,784
3. SH	211.0	0.0	413.5	717.0	744.0	720.0	744.0	461.9	603.8	0.0	40.8	426.8	5,082.7
4. RSH	300.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	270.0	570.0
5. UH	233.0	696.0	329.5	3.0	0.0	0.0	0.0	282.1	116.3	744.0	680.3	47.2	3,131.3
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	119.0	0.0	0.0	3.0	0.0	0.0	0.0	282.1	116.3	744.0	680.3	39.2	1,983.8
8. MOH	114.0	696.0	329.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	1,147.5
9. PPOH	0.0	0.0	3.2	224.6	744.0	382.4	6.0	0.0	0.0	0.0	0.0	0.0	1,360.2
10. LR PP (MW)	0.0	0.0	161.0	125.5	112.0	117.7	161.0	0.0	0.0	0.0	0.0	0.0	116.2
11. PFOH	5.0	0.0	128.5	53.0	145.0	151.0	279.3	72.3	0.0	0.0	41.0	652.0	1,527.2
12. LR PF (MW)	355.0	0.0	114.6	429.0	112.0	27.0	67.2	117.9	0.0	0.0	502.0	442.7	259.4
13. PMOH	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0
14. LR PM (MW)	0.0	0.0	0.0	481.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	481.7
15. NSC (MW)	712	712	712	712	712	712	712	712	712	712	712	712	712
16. OPER MBTU	738,490	0	1,440,030	2,445,110	2,944,010	2,975,790	3,159,260	1,816,390	2,633,410	0	119,290	1,209,970	19,481,750
17. NET GEN (MWH)	64,473	0	127,094	209,654	269,832	280,468	287,744	156,026	240,140	0	7,315	105,560	1,748,306
18. ANOHR (BTU/KWH)	11,454.3	0.0	11,330.4	11,662.6	10,910.5	10,610.1	10,979.4	11,641.6	10,966.1	0.0	16,307.6	11,462.4	11,143.2
19. NOF (%)	42.92	0.00	43.17	41.07	50.94	54.71	54.32	47.44	55.86	0.00	25.21	34.74	48.31
20. NPC (MW)	712	712	712	712	712	712	712	712	712	712	712	712	712
ANOHR EQUATION:	ANOHR=	-57.087	x NOF +	14,159.60									

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

Original Sheet No. 6.101.21

ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Crystal River 5	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-Dec Period
1. EAF	79.68	54.71	0.00	0.00	2.16	85.30	78.53	97.95	65.92	0.00	19.56	23.51	42.21
2. PH	744	696	743	720	744	720	744	744	720	744	721	744	8,784
3. SH	598.0	363.0	0.0	0.0	36.3	618.9	599.0	735.7	421.5	0.0	281.0	311.0	3,964.4
4. RSH	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	53.1	0.0	0.0	433.0	507.1
5. UH	146.0	312.0	743.0	720.0	707.7	101.1	145.0	8.3	245.4	744.0	440.0	0.0	4,312.5
6. POH	0.0	312.0	743.0	720.0	434.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,209.2
7. FOH	0.0	0.0	0.0	0.0	263.8	101.1	0.0	0.0	125.4	744.0	440.0	0.0	1,674.2
8. MOH	146.0	0.0	0.0	0.0	9.8	0.0	145.0	8.3	120.0	0.0	0.0	0.0	429.1
9. PPOH	0.0	0.0	0.0	0.0	36.3	0.0	6.0	0.0	0.0	0.0	0.0	0.0	42.3
10. LR PP (MW)	0.0	0.0	0.0	0.0	389.3	0.0	70.0	0.0	0.0	0.0	0.0	0.0	344.0
11. PFOH	61.0	17.5	0.0	0.0	0.0	53.6	22.0	42.5	0.0	0.0	177.0	744.0	1,117.6
12. LR PF (MW)	59.1	128.0	0.0	0.0	0.0	57.4	448.0	114.2	0.0	0.0	551.9	533.9	464.0
13. PMOH	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
14. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	48.0	0.0	0.0	0.0	0.0	0.0	0.0	48.0
15. NSC (MW)	698	698	698	698	698	698	698	698	698	698	698	698	698
16. OPER MBTU	2,675,010	1,522,600	0	0	98,080	2,721,690	2,657,060	2,827,350	1,793,750	0	803,660	1,115,100	16,214,300
17. NET GEN (MWH)	261,565	140,334	0	0	5,087	263,511	252,574	258,152	166,695	0	59,958	106,123	1,513,999
18. ANOHR (BTU/KWH)	10,226.9	10,849.8	0.0	0.0	19,280.5	10,328.6	10,519.9	10,952.3	10,760.7	0.0	13,403.7	10,507.6	10,709.6
19. NOF (%)	62.66	55.38	0.00	0.00	20.09	61.00	60.41	50.27	56.66	0.00	30.57	48.89	54.71
20. NPC (MW)	698	698	698	698	698	698	698	698	698	698	698	698	698
ANOHR EQUATION:	ANOHR=	-49.806	x NOF +	13,681.69									

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

Original Sheet No. 6.101.22

ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Hines 1	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-Dec Period
1. EAF	96.68	73.90	96.72	90.46	99.56	99.81	98.59	99.93	82.65	99.16	96.70	35.08	89.15
2. PH	744	696	743	720	744	720	744	744	720	744	721	744	8,784
3. SH	719.3	514.4	718.6	652.8	740.8	720.0	744.0	744.0	595.1	727.9	697.3	0.0	7,574.2
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.1	0.0	261.0	277.1
5. UH	24.7	181.6	24.4	67.2	3.2	0.0	0.0	0.0	124.9	0.0	23.7	483.0	932.7
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	24.7	0.0	10.0	67.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	105.1
8. MOH	0.0	181.6	14.4	0.0	0.0	0.0	0.0	0.0	124.9	0.0	23.7	483.0	827.6
9. PPOH	0.0	0.0	0.0	7.5	0.0	7.0	8.2	2.9	0.0	32.5	0.8	0.0	58.7
10. LR PP (MW)	0.0	0.0	0.0	100.2	0.0	99.7	90.0	87.0	0.0	96.0	100.7	0.0	95.7
11. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	48.8	0.0	0.0	0.0	0.0	0.0	48.8
12. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	93.0	0.0	0.0	0.0	0.0	0.0	93.0
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)	501	501	501	501	501	501	501	501	501	501	501	501	501
16. OPER MBTU	2,033,310	1,499,230	2,030,270	1,703,140	2,141,340	2,212,100	2,163,600	2,243,990	1,754,150	2,050,120	1,974,970	0	21,806,220
17. NET GEN (MWH)	276,638	207,444	273,095	224,605	290,747	301,945	288,976	307,045	234,348	272,932	265,235	0	2,943,010
18. ANOHR (BTU/KWH)	7,350.1	7,227.2	7,434.3	7,582.8	7,365.0	7,326.2	7,487.1	7,308.3	7,485.2	7,511.5	7,446.1	0.0	7,409.5
19. NOF (%)	76.76	80.50	75.86	68.67	78.34	83.71	77.53	82.37	78.61	74.84	75.92	0.00	77.56
20. NPC (MW)	501	501	501	501	501	501	501	501	501	501	501	501	501
ANOHR EQUATION:	ANOHR=	-17.409	x NOF +	8,781.83									

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

Original Sheet No. 6.101.23

ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Hines 3	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-Dec Period
1. EAF	98.26	99.73	67.83	98.43	99.88	99.89	99.13	97.46	86.32	92.85	100.00	99.20	94.88
2. PH	744	696	743	720	744	720	744	744	720	744	721	744	8,784
3. SH	687.1	696.0	408.0	586.0	744.0	720.0	740.6	723.4	710.1	676.9	721.0	743.0	8,156.2
4. RSH	43.9	0.0	96.0	122.7	0.0	0.0	0.0	1.8	2.7	55.4	0.0	0.0	322.5
5. UH	13.0	0.0	239.0	11.3	0.0	0.0	3.4	18.8	7.2	11.8	0.0	1.0	305.3
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	13.0	0.0	0.0	11.3	0.0	0.0	3.4	0.0	0.0	0.0	0.0	1.0	28.6
8. MOH	0.0	0.0	239.0	0.0	0.0	0.0	0.0	18.8	7.2	11.8	0.0	0.0	276.7
9. PPOH	0.0	11.7	0.0	0.0	8.0	8.0	22.8	1.0	639.0	236.2	0.0	0.0	926.6
10. LR PP (MW)	0.0	83.8	0.0	0.0	59.3	54.0	71.8	62.6	74.7	91.6	0.0	0.0	78.8
11. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	269.0	269.0
12. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.6	9.6
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)	523	523	523	523	523	523	523	523	523	523	523	523	523
16. OPER MBTU	2,048,530	2,192,430	1,242,030	1,687,420	2,312,200	2,286,240	2,323,840	2,268,960	2,269,550	2,026,160	2,244,520	2,331,850	25,233,730
17. NET GEN (MWH)	285,741	305,145	174,063	232,737	322,822	318,413	323,942	318,537	317,483	281,756	313,651	331,053	3,525,343
18. ANOHR (BTU/KWH)	7,169.2	7,184.9	7,135.5	7,250.3	7,162.5	7,180.1	7,173.6	7,123.1	7,148.6	7,191.2	7,156.1	7,043.7	7,157.8
19. NOF (%)	79.51	83.83	81.57	75.94	82.96	84.56	83.63	84.19	85.49	79.59	83.18	85.19	82.64
20. NPC (MW)	523	523	523	523	523	523	523	523	523	523	523	523	523
ANOHR EQUATION:	ANOHR=	-4.797	x NOF +	7,576.58									

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

Original Sheet No. 6.101.24

ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Hines 4	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-Dec Period
1. EAF	24.92	0.00	35.33	94.27	97.29	97.21	99.91	99.92	99.93	97.07	99.67	92.21	78.36
2. PH	744	696	743	720	744	720	744	744	720	744	721	744	8,784
3. SH	185.4	0.0	262.2	676.6	727.5	702.9	744.0	744.0	720.0	675.4	707.4	637.0	6,782.6
4. RSH	0.0	0.0	1.0	2.3	0.0	0.0	0.0	0.0	0.0	55.1	13.6	76.4	148.5
5. UH	558.6	696.0	479.8	41.0	16.5	17.1	0.0	0.0	0.0	13.5	0.0	30.5	1,852.9
6. POH	388.3	696.0	477.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,562.1
7. FOH	35.5	0.0	2.0	4.6	6.0	0.0	0.0	0.0	0.0	13.5	0.0	30.5	92.2
8. MOH	134.8	0.0	0.0	36.5	10.4	17.1	0.0	0.0	0.0	0.0	0.0	0.0	198.7
9. PPOH	0.0	0.0	58.3	0.0	9.0	17.0	5.8	4.8	3.6	37.0	0.0	0.0	135.5
10. LR PP (MW)	0.0	0.0	6.7	0.0	54.9	53.9	62.4	66.8	76.9	117.2	0.0	0.0	52.4
11. PFOH	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	0.0	14.8	176.8	197.7
12. LR PF (MW)	0.0	0.0	0.0	0.0	85.0	0.0	0.0	0.0	0.0	0.0	83.6	81.4	81.7
13. PMOH	0.0	0.0	0.0	1.3	10.8	7.8	0.0	0.0	0.0	0.0	0.0	0.0	20.0
14. LR PM (MW)	0.0	0.0	0.0	89.6	85.0	85.0	0.0	0.0	0.0	0.0	0.0	0.0	85.3
15. NSC (MW)	525	525	525	525	525	525	525	525	525	525	525	525	525
16. OPER MBTU	568,280	0	660,740	2,002,050	2,282,990	2,293,380	2,392,480	2,439,750	2,379,110	2,051,320	2,237,280	1,848,900	21,156,280
17. NET GEN (MWH)	79,649	0	91,913	284,186	322,865	324,013	338,738	348,321	335,579	287,185	311,619	261,083	2,985,151
18. ANOHR (BTU/KWH)	7,134.8	0.0	7,188.8	7,044.9	7,071.0	7,078.0	7,062.9	7,004.3	7,089.6	7,142.9	7,179.5	7,081.7	7,087.2
19. NOF (%)	81.82	0.00	66.76	80.00	84.53	87.80	86.72	89.18	88.78	80.99	83.91	78.07	83.83
20. NPC (MW)	525	525	525	525	525	525	525	525	525	525	525	525	525
ANOHR EQUATION:	ANOHR=	-5.680	x NOF +	7,599.99									

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

Original Sheet No. 6.101.25

ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Osprey CC	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-Dec Period
1. EAF	52.55	95.36	93.51	0.00	80.48	95.41	97.94	100.00	100.00	92.95	99.60	99.73	84.01
2. PH	744	696	743	720	744	720	744	744	720	744	721	744	8,784
3. SH	270.0	574.5	550.0	0.0	555.7	690.9	731.2	735.6	720.0	691.6	721.0	742.5	6,983.1
4. RSH	120.9	96.6	144.8	0.0	43.1	0.0	0.0	8.4	0.0	0.0	0.0	0.0	413.8
5. UH	353.1	24.8	48.2	720.0	145.2	29.1	12.8	0.0	0.0	52.4	0.0	1.5	1,387.1
6. POH	0.0	0.0	48.0	720.0	144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	912.0
7. FOH	353.1	0.0	0.2	0.0	1.2	2.5	0.0	0.0	0.0	52.4	0.0	1.5	410.9
8. MOH	0.0	24.8	0.0	0.0	0.1	26.5	12.8	0.0	0.0	0.0	0.0	0.0	64.2
9. PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5	6.5	20.1
10. LR PP (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	128.0	50.1	102.6
11. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	51.9	0.0	0.0	0.1	0.0	0.0	52.1
12. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	29.5	0.0	0.0	53.0	0.0	0.0	29.6
13. PMOH	0.0	34.4	0.0	0.0	0.1	14.2	0.0	0.0	0.0	0.0	0.0	0.0	48.7
14. LR PM (MW)	0.0	131.0	0.0	0.0	169.0	169.0	0.0	0.0	0.0	0.0	0.0	0.0	142.1
15. NSC (MW)	606	606	606	606	606	606	606	606	606	606	606	606	606
16. OPER MBTU	700,660	1,601,950	1,388,650	0	1,631,010	2,129,570	2,630,820	2,665,540	2,600,650	2,362,720	2,523,810	2,652,430	22,887,810
17. NET GEN (MWH)	89,359	215,615	187,259	0	216,224	283,590	367,260	371,281	363,629	329,558	351,611	374,693	3,150,079
18. ANOHR (BTU/KWH)	7,841.0	7,429.7	7,415.7	0.0	7,543.1	7,509.3	7,163.4	7,179.3	7,151.9	7,169.4	7,177.8	7,078.9	7,265.8
19. NOF (%)	54.61	61.93	56.18	0.00	64.21	67.73	82.88	83.29	83.34	78.63	80.47	83.27	74.44
20. NPC (MW)	606	606	606	606	606	606	606	606	606	606	606	606	606
ANOHR EQUATION:	ANOHR=	-8.548	x NOF +	7,978.03									

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

PLANNED OUTAGE SCHEDULES
ACTUAL

Duke Energy Florida
January 2024 - December 2024

Plant/Unit	Planned Outage Dates	Reason for Outage
Bartow CC	03/01 (2300) - 03/10 (1219)	4B: Boroscope Inspection
Bartow CC	03/01 (2300) - 04/27 (0809)	4C: Major Overhaul
Bartow CC	09/20 (2221) - 11/28 (2253)	4B: Major Overhaul
Bartow CC	10/06 (0016) - 12/11 (2045)	4D: Major Overhaul
Citrus County 1	02/08 (1052) - 03/02 (1814)	General Unit Inspection
Citrus County 2	02/04 (0001) - 02/09 (0829)	2B: HRSG - Refractory & Insulation
Citrus County 2	11/23 (0032) - 12/20 (1348)	Boroscope Inspection
Crystal River 5	02/17 (0001) - 05/19 (0934)	IP Turbine
Hines 4	01/11 (2356) - 03/31 (1300)	4A: General Unit Inspection
Hines 4	01/17 (1600) - 03/17 (1945)	4B & 4S: General Unit Inspection
Osprey CC	03/29 (2350) - 05/06 (2358)	General Unit Inspection

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

Original Sheet No. 6.101.27

Planned Outage Schedule - Actual												
January 2024 - December 2024												Duke Energy Florida
	January	February	March	April	May	June	July	August	September	October	November	December
Bartow CC			Boroscope Inspections & Major Overhaul 3/1 [redacted] 4/27 58 days							9/20 [redacted] 12/11 Major Overhaul 83 days		
Citrus County 1		General Unit Inspection 2/8 [redacted] 3/2 24 days										
Citrus County 2		HRSG - Refractory & Insulation 2/4 [redacted] 2/9 6 days									Boroscope Inspection 11/23 [redacted] 12/20 28 days	
Crystal River 4												
Crystal River 5		2/17 [redacted] 5/19 IP Turbine 93 days										
Hines 1												
Hines 3												
Hines 4	1/11 [redacted] 3/31 General Unit Inspection 81 days											
Osprey CC			3/29 [redacted] 5/6 General Unit Inspection 39 days									

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.: