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Attorneys and Counselors at Law
123 South Calhoun Street
P.O. Box 391 32302
Tallahassee, FL 32301

P: (850) 224-9115
F: (850) 222-7560

ausley.com

August 23, 2024

ELECTRONIC FILING

Mr. Adam J. Teitzman, Commission Clerk
Office of 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
FPSC Docket No. 20240001-EI

Dear Mr. Teitzman:

Attached for filing in the above docket are Tampa Electric Company's GPIF Actual Unit Performance Data Schedules for the month of July 2024.

Thank you for your assistance in connection with this matter.

Sincerely,

A handwritten signature in blue ink that reads 'Malcolm N. Means'.

Malcolm N. Means

MNM/bml
Attachment

cc: All parties of record (w/attachment)
Suzanne Brownless (w/Excel)

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Schedules, filed on behalf of Tampa Electric Company, have been furnished by electronic mail on this 23rd day of August 2024 to the following:

Ms. Suzanne Brownless
Ryan Sandy
Office of the General Counsel
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850
sbrownle@psc.state.fl.us
rsandy@psc.state.fl.us

Walter Trierweiler
Charles Rehwinkel
Mary Wessling
Office of Public Counsel
111 West Madison Street, Room 812
Tallahassee, FL 32399-1400
Trierweiler.Walt@leg.state.fl.us
Rehwinkel.charles@leg.state.fl.us
wessling.mary@leg.state.fl.us

Ms. Dianne M. Triplett
Duke Energy Florida
299 First Avenue North
St. Petersburg, FL 33701
Dianne.triplett@duke-energy.com
FLRegulatoryLegal@duke-energy.com

Mr. Matthew R. Bernier
Mr. Robert Pickles
Stephanie A. Cuello
Duke Energy Florida
106 East College Avenue, Suite 800
Tallahassee, FL 32301-7740
Matthew.bernier@duke-energy.com
Robert.pickles@duke-energy.com
Stephanie.Cuello@duke-energy.com

Ms. Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 S. Monroe St., Suite 601
Tallahassee, FL 32301
bkeating@gunster.com

Maria Moncada
David M. Lee
Florida Power & Light Company
700 Universe Boulevard
Juno Beach, FL 33408-0420
maria.moncada@fpl.com
david.lee@fpl.com

Mr. Kenneth Hoffman
Vice President, Regulatory Relations
Florida Power & Light Company
215 South Monroe Street, Suite 810
Tallahassee, FL 32301-1859
ken.hoffman@fpl.com

Mr. Mike Cassel
Regulatory and Governmental Affairs
Florida Public Utilities Company
Florida Division of Chesapeake Utilities Corp.
1750 SW 14th Street, Suite 200
Fernandina Beach, FL 32034
mcassel@fpuc.com

Mr. James W. Brew
Ms. Laura W. Baker
Stone Mattheis Xenopoulos & Brew, PC
1025 Thomas Jefferson Street, NW
Eighth Floor, West Tower
Washington, D.C. 20007-5201
jbrew@smxblaw.com
lwb@smxblaw.com

Mr. Jon C Moyle, Jr.
Moyle Law Firm
118 North Gadsden Street
Tallahassee, FL 32301
jmoyle@moylelaw.com

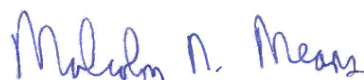
Mr. Peter J. Mattheis
Mr. Michael K. Lavanga
Mr. Joseph R. Briscar
Stone Law Firm
1025 Thomas Jefferson St., NW
Suite 800 West
Washington, DC 20007-5201
pjm@smxblaw.com
mkl@smxblaw.com
jrb@smxblaw.com

Robert Scheffel Wright
John T. LaVia III
1300 Thomaswood Drive
Tallahassee FL 32308
schef@gbwlegal.com
jlavia@gbwlegal.com

Michelle D. Napier
1635 Meathe Drive
West Palm Beach, FL 33411
mnapier@fpuc.com

Nucor Steel Florida, Inc.
Corey Allain
22 Nucor Drive
Frostproof FL 33843
corey.allain@nucor.com

George Cavros
Southern Alliance for Clean Energy
120 E. Oakland Park Blvd., Suite 105
Ft. Lauderdale, FL 33334
george@cavros-law.com



ATTORNEY

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2024 - DECEMBER 2024

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-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	2024
1. Equivalent Availability Factor (%)	EAF	94.7	99.3	97.2	100.0	99.2	99.3	90.3						97.1
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0						5,111.0
3. Service Hours	SH	574.9	394.6	682.0	720.0	744.0	720.0	671.1						4,506.6
4. Reserve Shutdown Hours	RSH	129.6	296.8	41.4	0.0	0.0	0.0	0.9						468.7
5. Unavailable Hours	UH	39.5	4.6	20.6	0.0	5.8	5.4	72.0						147.9
6. Planned Outage Hours	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
7. Forced Outage Hours	FOH	0.7	0.1	17.2	0.0	5.8	5.4	0.0						29.2
8. Maintenance Outage Hours	MOH	38.9	4.6	3.5	0.0	0.0	0.0	72.0						119.0
9a. Partial Planned Outage Hours	PPOH	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
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
11a. Partial Maintenance Outage Hours	PMOH	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
12. Net Summer Continuous Rating (MW)	NSC	749.0	749.0	749.0	749.0	749.0	749.0	749.0						749.0
13. Operating British Thermal Units (GBTU)	OPR BTU	1,104.2	996.0	1,961.8	1,881.0	2,674.8	1,865.7	2,048.2						12,531.8
14. Net Generation (MWH)	NETGEN	145,773.5	132,105.1	262,586.5	253,083.1	360,412.9	252,824.0	282,763.4						1,689,548.5
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,575.0	7,540.0	7,471.0	7,433.0	7,421.0	7,380.0	7,244.0						7,417.3
16. Net Output Factor (%)	NOF	29.9	39.5	45.5	46.9	64.7	46.9	46.9						47.4
17. Net Period Continuous Rating (MW)	NPC	847.0	847.0	847.0	749.0	749.0	749.0	749.0						791.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-7.989) + 7,921												

Note: Period hours may not match the Service, RS or Unavailable hours due to the individual componet hours of the Combined Cycle unit.

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2024 - DECEMBER 2024

PLANT/UNIT		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-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	2024
1. Equivalent Availability Factor (%)	EAF	96.4	43.2	0.0	0.0	18.5	91.6	98.7						49.9
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0						5,111.0
3. Service Hours	SH	271.6	333.9	0.0	0.0	34.1	533.7	744.0						1,917.3
4. Reserve Shutdown Hours	RSH	445.7	0.0	1.0	0.0	103.3	125.9	0.0						675.9
5. Unavailable Hours	UH	26.7	395.1	743.0	720.0	606.6	60.5	9.6						2,561.5
6. Planned Outage Hours	POH	26.7	395.1	743.0	720.0	593.6	13.9	0.0						2,492.3
7. Forced Outage Hours	FOH	0.0	0.0	0.0	0.0	0.0	0.0	6.9						6.9
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	12.9	46.6	2.7						62.2
9a. Partial Planned Outage Hours	PPOH	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
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
11a. Partial Maintenance Outage Hours	PMOH	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
12. Net Summer Continuous Rating (MW)	NSC	929.0	929.0	929.0	929.0	929.0	929.0	929.0						929.0
13. Operating British Thermal Units (GBTU)	OPR BTU	625.2	792.5	0.0	0.0	87.0	2,168.4	3,165.7						6,838.8
14. Net Generation (MWH)	NETGEN	79,318.7	104,465.8	-825.0	-720.0	6,688.0	307,243.0	438,955.5						935,126.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,882.0	7,586.0	0.0	0.0	13,002.0	7,058.0	7,212.0						7,313.2
16. Net Output Factor (%)	NOF	27.9	29.9	0.0	0.0	21.1	62.0	59.1						49.3
17. Net Period Continuous Rating (MW)	NPC	1,047.0	1,047.0	1,047.0	929.0	929.0	929.0	999.0						989.6
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-10.936) + 8,068												

Note: Period hours may not match the Service, RS or Unavailable hours due to the individual component hours of the Combined Cycle unit.

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2024 - DECEMBER 2024

PLANT/UNIT		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 1 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	2024
1. Equivalent Availability Factor (%)	EAF	100.0	100.0	89.6	89.5	81.7	82.3	91.7						90.7
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0						5,111.0
3. Service Hours	SH	744.0	696.0	743.0	711.6	741.0	712.1	744.0						5,091.7
4. Reserve Shutdown Hours	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
5. Unavailable Hours	UH	0.0	0.0	43.5	64.1	74.6	85.1	40.5						307.8
6. Planned Outage Hours	POH	0.0	0.0	0.0	64.1	74.0	67.0	0.0						205.1
7. Forced Outage Hours	FOH	0.0	0.0	43.5	0.0	0.0	7.5	0.4						51.4
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	0.7	10.6	40.1						51.4
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	49.3	234.7	202.1	0.0						486.1
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	250.0	250.0	190.0	0.0						225.1
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	139.2	0.0	34.3	0.0	0.0						173.5
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	270.0	0.0	170.0	0.0	0.0						250.2
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	31.9	117.4						149.3
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	190.0	190.0						190.0
12. Net Summer Continuous Rating (MW)	NSC	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0	1,055.0						1,055.0
13. Operating British Thermal Units (GBTU)	OPR BTU	4,305.0	3,820.9	3,834.5	3,394.5	3,398.7	3,318.6	4,072.6						26,144.6
14. Net Generation (MWH)	NETGEN	677,600.0	595,266.0	596,084.0	510,995.0	524,445.0	507,300.0	639,984.2						4,051,674.2
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	6,353.0	6,419.0	6,433.0	6,643.0	6,481.0	6,542.0	6,364.0						6,452.8
16. Net Output Factor (%)	NOF	81.4	76.4	71.7	68.1	67.1	67.5	81.5						73.5
17. Net Period Continuous Rating (MW)	NPC	1,119.0	1,119.0	1,119.0	1,055.0	1,055.0	1,055.0	1,055.0						1,082.4
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-2.640) + 6,715												



ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2024 - DECEMBER 2024

PLANT/UNIT		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-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	2024
1. Equivalent Availability Factor (%)	EAF	97.3	98.2	78.9	99.1	87.1	99.9	87.2						92.4
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0						5,111.0
3. Service Hours	SH	744.0	671.4	743.0	720.0	652.3	720.0	744.0						4,994.7
4. Reserve Shutdown Hours	RSH	0.0	21.0	0.0	0.0	0.0	0.0	0.0						21.0
5. Unavailable Hours	UH	10.7	3.6	81.7	3.5	94.9	0.0	51.6						246.0
6. Planned Outage Hours	POH	0.0	0.2	75.8	0.0	0.0	0.0	39.6						115.6
7. Forced Outage Hours	FOH	0.4	0.0	3.3	0.0	94.9	0.0	11.9						110.5
8. Maintenance Outage Hours	MOH	10.3	3.4	2.6	3.5	0.0	0.0	0.0						19.8
9a. Partial Planned Outage Hours	PPOH	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
10a. Partial Forced Outage Hours	PFOH	81.1	62.8	23.6	0.0	6.8	20.8	70.6						265.7
10b. Load Reduction Partial Forced (MW)	LRPF	32.8	120.0	115.6	0.0	119.8	29.9	180.8						102.1
11a. Partial Maintenance Outage Hours	PMOH	68.7	23.7	506.5	24.5	0.0	0.0	280.4						903.8
11b. Load Reduction Partial Maintenance (MW)	LRPM	120.0	120.0	172.7	119.7	0.0	0.0	119.8						149.5
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
13. Operating British Thermal Units (GBTU)	OPR BTU	3,277.9	2,608.7	2,970.0	3,294.0	3,209.9	3,514.9	3,606.5						22,481.9
14. Net Generation (MWH)	NETGEN	466,423.0	364,118.0	414,207.0	455,131.0	411,516.0	487,900.0	505,415.1						3,104,710.1
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,028.0	7,164.0	7,170.0	7,238.0	7,800.0	7,204.0	7,133.0						7,241.2
16. Net Output Factor (%)	NOF	52.2	45.2	46.5	59.6	59.5	63.9	64.0						55.5
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						1,120.6
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-16.071) + 8,234												

Note: Period hours may not match the Service, RS or Unavailable hours due to the individual component hours of the Combined Cycle unit.

Tampa Electric Company
Outage Listing
July 2024

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS CT1(A)	61	Reserve Shutdown	7/1/2024	0:00:00	7/1/2024	11:38:00	11.63			Reserve Shutdown		168
BS CT1(A)	62	Reserve Shutdown	7/2/2024	7:57:00	7/2/2024	16:27:00	8.5			Reserve Shutdown		168
BS CT1(A)	63	Reserve Shutdown	7/5/2024	1:28:00	7/5/2024	10:49:00	9.35			Reserve Shutdown		168
BS CT1(A)	64	Reserve Shutdown	7/8/2024	2:13:00	7/8/2024	14:05:00	11.87			Reserve Shutdown		168
BS CT1(A)	65	Reserve Shutdown	7/10/2024	21:22:00	7/11/2024	14:51:00	17.48			Reserve Shutdown		168
BS CT1(A)	66	Reserve Shutdown	7/11/2024	22:17:00	7/12/2024	11:29:00	13.2			Reserve Shutdown		168
BS CT1(A)	67	Reserve Shutdown	7/12/2024	22:12:00	7/13/2024	10:19:00	12.12			Reserve Shutdown		168
BS CT1(A)	68	Reserve Shutdown	7/14/2024	21:28:00	7/15/2024	7:56:00	10.47			Reserve Shutdown		168
BS CT1(A)	69	Reserve Shutdown	7/16/2024	0:50:00	7/16/2024	11:32:00	10.7			Reserve Shutdown		168
BS CT1(A)	70	Reserve Shutdown	7/16/2024	23:48:00	7/17/2024	12:26:00	12.63			Reserve Shutdown		168
BS CT1(A)	71	Reserve Shutdown	7/18/2024	23:42:00	7/19/2024	13:58:00	14.27			Reserve Shutdown		168
BS CT1(A)	72	Reserve Shutdown	7/19/2024	21:27:00	7/20/2024	11:19:00	13.87			Reserve Shutdown		168
BS CT1(A)	73	Reserve Shutdown	7/20/2024	21:29:00	7/21/2024	11:48:00	14.32			Reserve Shutdown		168
BS CT1(A)	74	Reserve Shutdown	7/23/2024	3:12:00	7/23/2024	11:05:00	7.88			Reserve Shutdown		168
BS CT1(A)	75	Reserve Shutdown	7/25/2024	23:42:00	7/26/2024	9:29:00	9.78			Reserve Shutdown		168
BS CT1(A)	76	Reserve Shutdown	7/28/2024	1:48:00	7/28/2024	13:03:00	11.25			Reserve Shutdown		168
BS CT1(A)	77	Reserve Shutdown	7/28/2024	23:08:00	7/29/2024	0:00:00	0.87			Reserve Shutdown		168
BS CT1(A)	78	Maintenance Outa	7/29/2024	0:00:00	7/31/2024	23:59:00	72	3999	Other miscellaneous ba	CT down due to crack being repaired on main steam drain line at steam turbine		168

Tampa Electric Company
Outage Listing
July 2024

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS CT1(B)	85	Reserve Shutdown	7/1/2024	0:00:00	7/1/2024	16:48:00	16.8			Reserve Shutdown		168
BS CT1(B)	86	Reserve Shutdown	7/4/2024	1:21:00	7/4/2024	13:51:00	12.5			Reserve Shutdown		168
BS CT1(B)	87	Reserve Shutdown	7/6/2024	0:58:00	7/7/2024	13:47:00	36.82			Reserve Shutdown		168
BS CT1(B)	88	Reserve Shutdown	7/8/2024	19:13:00	7/9/2024	15:52:00	20.65			Reserve Shutdown		168
BS CT1(B)	89	Reserve Shutdown	7/9/2024	21:04:00	7/10/2024	16:14:00	19.17			Reserve Shutdown		168
BS CT1(B)	90	Reserve Shutdown	7/10/2024	22:00:00	7/11/2024	16:34:00	18.57			Reserve Shutdown		168
BS CT1(B)	91	Reserve Shutdown	7/11/2024	23:21:00	7/12/2024	14:02:00	14.68			Reserve Shutdown		168
BS CT1(B)	92	Reserve Shutdown	7/12/2024	23:50:00	7/13/2024	11:24:00	11.57			Reserve Shutdown		168
BS CT1(B)	93	Reserve Shutdown	7/14/2024	2:22:00	7/14/2024	14:34:00	12.2			Reserve Shutdown		168
BS CT1(B)	94	Reserve Shutdown	7/16/2024	0:26:00	7/16/2024	12:31:00	12.08			Reserve Shutdown		168
BS CT1(B)	95	Reserve Shutdown	7/17/2024	23:04:00	7/18/2024	14:00:00	14.93			Reserve Shutdown		168
BS CT1(B)	96	Reserve Shutdown	7/21/2024	3:23:00	7/21/2024	14:56:00	11.55			Reserve Shutdown		168
BS CT1(B)	97	Reserve Shutdown	7/24/2024	1:20:00	7/24/2024	11:58:00	10.63			Reserve Shutdown		168
BS CT1(B)	98	Reserve Shutdown	7/26/2024	22:09:00	7/27/2024	9:43:00	11.57			Reserve Shutdown		168
BS CT1(B)	99	Reserve Shutdown	7/28/2024	21:47:00	7/29/2024	0:00:00	2.22			Reserve Shutdown		168
BS CT1(B)	100	Maintenance Outa	7/29/2024	0:00:00	7/31/2024	23:59:00	72	3999	Other miscellaneous ba	CT down due to crack being repaired on main steam drain line at steam turbine		168

Tampa Electric Company
Outage Listing
July 2024

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS CT1(C)	69	Reserve Shutdown	7/2/2024	0:25:00	7/2/2024	10:42:00	10.28			Reserve Shutdown		168
BS CT1(C)	70	Reserve Shutdown	7/6/2024	0:27:00	7/6/2024	14:21:00	13.9			Reserve Shutdown		168
BS CT1(C)	71	Reserve Shutdown	7/7/2024	8:03:00	7/8/2024	11:51:00	27.8			Reserve Shutdown		168
BS CT1(C)	72	Reserve Shutdown	7/9/2024	22:22:00	7/10/2024	15:20:00	16.97			Reserve Shutdown		168
BS CT1(C)	73	Reserve Shutdown	7/16/2024	22:10:00	7/17/2024	10:07:00	11.95			Reserve Shutdown		168
BS CT1(C)	74	Reserve Shutdown	7/17/2024	23:26:00	7/18/2024	10:43:00	11.28			Reserve Shutdown		168
BS CT1(C)	75	Reserve Shutdown	7/19/2024	23:17:00	7/20/2024	15:00:00	15.72			Reserve Shutdown		168
BS CT1(C)	76	Reserve Shutdown	7/21/2024	22:08:00	7/22/2024	10:55:00	12.78			Reserve Shutdown		168
BS CT1(C)	77	Reserve Shutdown	7/22/2024	21:18:00	7/23/2024	8:02:00	10.73			Reserve Shutdown		168
BS CT1(C)	78	Reserve Shutdown	7/24/2024	21:24:00	7/25/2024	10:29:00	13.08			Reserve Shutdown		168
BS CT1(C)	79	Reserve Shutdown	7/26/2024	23:03:00	7/27/2024	14:27:00	15.4			Reserve Shutdown		168
BS CT1(C)	80	Reserve Shutdown	7/28/2024	19:56:00	7/29/2024	0:00:00	4.07			Reserve Shutdown		168
BS CT1(C)	81	Maintenance Outage	7/29/2024	0:00:00	7/31/2024	23:59:00	72.3999	Other miscellaneous balance of plant problems	CT down due to crack being repaired on main steam drain line at steam turbine			168

7

Tampa Electric Company
 Outage Listing
 July 2024

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS ST 1	5	Reserve Shutdown	7/28/2024	23:07:00	7/29/2024	0:00:00	0:88			Reserve Shutdown		245
BS ST 1	6	Maintenance Outage	7/29/2024	0:00:00	7/31/2024	23:59:00	72:42:79	72 4279	Miscellaneous turbine piping	ST 1 down for maintenance outage to repair cracked drain line off the main steam line		245

Tampa Electric Company
 Outage Listing
 July 2024

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS CT2(A)	23	Reserve Shutdown	7/1/2024	21:41:00	7/2/2024	3:00:00	5.32			Reserve Shutdown		168
BS CT2(A)	24	Maintenance Outage	7/2/2024	3:00:00	7/2/2024	12:55:00	9.92	0799	Other miscellaneous pi	Unit CT2A and steam leak on LP drain piping		168
BS CT2(A)	25	Reserve Shutdown	7/2/2024	12:55:00	7/2/2024	15:15:00	2.33					168
BS CT2(A)	26	Reserve Shutdown	7/3/2024	21:13:00	7/4/2024	12:11:00	14.97			Reserve Shutdown		168
BS CT2(A)	27	Reserve Shutdown	7/6/2024	2:24:00	7/6/2024	15:09:00	12.75			Reserve Shutdown		168
BS CT2(A)	28	Reserve Shutdown	7/13/2024	1:57:00	7/13/2024	10:10:00	8.22			Reserve Shutdown		168
BS CT2(A)	29	Unplanned (Forced)	7/13/2024	10:10:00	7/14/2024	19:42:00	33.53	4810	Generator output brea	Unit 2A CT generator motored when shutting down due to trip circuits, fuses and relays		168
BS CT2(A)	30	Reserve Shutdown	7/14/2024	19:42:00	7/14/2024	20:09:00	0.45			Reserve		168
BS CT2(A)	31	Reserve Shutdown	7/16/2024	0:45:00	7/16/2024	9:36:00	8.85			Reserve Shutdown		168
BS CT2(A)	32	Reserve Shutdown	7/17/2024	21:28:00	7/18/2024	16:12:00	18.73			Reserve Shutdown		168
BS CT2(A)	33	Reserve Shutdown	7/20/2024	0:41:00	7/20/2024	13:30:00	12.82			Reserve Shutdown		168
BS CT2(A) \		Reserve Shutdown	7/22/2024	1:14:00	7/22/2024	11:40:00	10.43			Reserve Shutdown		168
BS CT2(A)	35	Reserve Shutdown	7/22/2024	23:45:00	7/23/2024	13:30:00	13.75			Reserve Shutdown		168
BS CT2(A)	36	Reserve Shutdown	7/24/2024	22:33:00	7/25/2024	12:06:00	13.55			Reserve Shutdown		168
BS CT2(A)	37	Reserve Shutdown	7/26/2024	0:45:00	7/26/2024	13:08:00	12.38			Reserve Shutdown		168
BS CT2(A)	38	Reserve Shutdown	7/27/2024	21:49:00	7/28/2024	12:27:00	14.63			Reserve Shutdown		168
BS CT2(A)	39	Reserve Shutdown	7/31/2024	1:03:00	7/31/2024	13:43:00	12.67			Reserve Shutdown		168

Tampa Electric Company
Outage Listing
July 2024

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS CT2(B)	39	Reserve Shutdown	7/5/2024	0:50:00	7/5/2024	12:01:00	11.18		Reserve Shutdown			168
BS CT2(B)	40	Reserve Shutdown	7/7/2024	1:45:00	7/7/2024	17:06:00	15.35		Reserve Shutdown			168
BS CT2(B)	41	Reserve Shutdown	7/8/2024	21:43:00	7/9/2024	16:32:00	18.82		Reserve Shutdown			168
BS CT2(B)	42	Reserve Shutdown	7/12/2024	3:09:00	7/12/2024	16:28:00	13.32		Reserve Shutdown			168
BS CT2(B)	43	Reserve Shutdown	7/13/2024	21:49:00	7/14/2024	11:34:00	13.75		Reserve Shutdown			168
BS CT2(B)	44	Reserve Shutdown	7/14/2024	22:52:00	7/15/2024	14:02:00	15.17		Reserve Shutdown			168
BS CT2(B)	45	Reserve Shutdown	7/18/2024	22:24:00	7/19/2024	15:41:00	17.28		Reserve Shutdown			168
BS CT2(B)	46	Reserve Shutdown	7/21/2024	0:51:00	7/22/2024	14:10:00	37.32		Reserve Shutdown			168
BS CT2(B)	47	Reserve Shutdown	7/23/2024	22:59:00	7/24/2024	13:25:00	14.43		Reserve Shutdown			168
BS CT2(B)	48	Reserve Shutdown	7/25/2024	22:12:00	7/26/2024	9:42:00	11.5		Reserve Shutdown			168
BS CT2(B)	49	Reserve Shutdown	7/27/2024	2:43:00	7/27/2024	15:45:00	13.03		Reserve Shutdown			168
BS CT2(B)	50	Reserve Shutdown	7/28/2024	0:05:00	7/28/2024	9:59:00	9.9		Reserve Shutdown			168
BS CT2(B)	51	Reserve Shutdown	7/30/2024	1:01:00	7/30/2024	14:36:00	13.58		Reserve Shutdown			168

Tampa Electric Company
Outage Listing
July 2024

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS CT2(C)	47	Reserve Shutdown	7/2/2024	1:33:00	7/2/2024	11:15:00	9.7			Reserve Shutdown		168
BS CT2(C)	48	Reserve Shutdown	7/2/2024	22:27:00	7/3/2024	3:00:00	4.55			Reserve Shutdown		168
BS CT2(C)	49	Maintenance Outage	7/3/2024	3:00:00	7/3/2024	9:03:00	6.05	0799	Other miscellaneous piping sy: Unit CT2C had an IP feedwater leak			168
BS CT2(C)	50	Reserve Shutdown	7/3/2024	9:03:00	7/3/2024	11:43:00	2.67					168
BS CT2(C)	51	Reserve Shutdown	7/4/2024	7:37:00	7/4/2024	17:29:00	9.87			Reserve Shutdown		168
BS CT2(C)	52	Reserve Shutdown	7/7/2024	3:31:00	7/7/2024	15:33:00	12.03			Reserve Shutdown		168
BS CT2(C)	53	Reserve Shutdown	7/8/2024	0:49:00	7/8/2024	13:34:00	12.75			Reserve Shutdown		168
BS CT2(C)	54	Reserve Shutdown	7/9/2024	1:13:00	7/9/2024	12:56:00	11.72			Reserve Shutdown		168
BS CT2(C)	55	Reserve Shutdown	7/10/2024	1:33:00	7/10/2024	8:43:00	7.17			Reserve Shutdown		168
BS CT2(C)	56	Reserve Shutdown	7/14/2024	22:05:00	7/15/2024	11:51:00	13.77			Reserve Shutdown		168
BS CT2(C)	57	Reserve Shutdown	7/17/2024	0:46:00	7/17/2024	15:17:00	14.52			Reserve Shutdown		168
BS CT2(C)	58	Reserve Shutdown	7/20/2024	1:14:00	7/20/2024	15:54:00	14.67			Reserve Shutdown		168
BS CT2(C)	59	Reserve Shutdown	7/22/2024	22:28:00	7/22/2024	23:13:00	0.75			Reserve Shutdown		168
BS CT2(C)	60	Reserve Shutdown	7/27/2024	2:26:00	7/27/2024	11:42:00	9.27			Reserve Shutdown		168
BS CT2(C)	61	Reserve Shutdown	7/29/2024	23:21:00	7/30/2024	12:08:00	12.78			Reserve Shutdown		168

Tampa Electric Company
Outage Listing
July 2024

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS CT2(D)	51	Reserve Shutdown	7/1/2024	0:00:00	7/1/2024	16:02:00	16.03			Reserve Shutdown		168
BS CT2(D)	52	Reserve Shutdown	7/3/2024	1:17:00	7/3/2024	14:51:00	13.57			Reserve Shutdown		168
BS CT2(D)	53	Reserve Shutdown	7/6/2024	2:55:00	7/7/2024	10:52:00	31.95			Reserve Shutdown		168
BS CT2(D)	54	Reserve Shutdown	7/7/2024	23:29:00	7/8/2024	12:46:00	13.28			Reserve Shutdown		168
BS CT2(D)	55	Reserve Shutdown	7/8/2024	23:38:00	7/9/2024	10:42:00	11.07			Reserve Shutdown		168
BS CT2(D)	56	Reserve Shutdown	7/16/2024	1:46:00	7/18/2024	11:58:00	58.2			Reserve Shutdown		168
BS CT2(D)	57	Reserve Shutdown	7/20/2024	20:08:00	7/21/2024	13:20:00	17.2			Reserve Shutdown		168
BS CT2(D)	58	Reserve Shutdown	7/22/2024	23:01:00	7/23/2024	12:58:00	13.95			Reserve Shutdown		168
BS CT2(D)	59	Reserve Shutdown	7/23/2024	13:13:00	7/23/2024	16:00:00	2.78			Reserve Shutdown		168
BS CT2(D)	60	Unplanned (Forced)	7/23/2024	16:00:00	7/23/2024	23:38:00	7.63	3430	Feedwater regulating (t	Unit CT2D forced outage for IP feedwater block valve		168
BS CT2(D)	61	Reserve Shutdown	7/23/2024	23:38:00	7/24/2024	10:27:00	10.82					168
BS CT2(D)	62	Reserve Shutdown	7/24/2024	23:36:00	7/25/2024	14:00:00	14.4			Reserve Shutdown		168
BS CT2(D)	63	Reserve Shutdown	7/25/2024	20:51:00	7/26/2024	14:01:00	17.17			Reserve Shutdown		168
BS CT2(D)	64	Reserve Shutdown	7/28/2024	0:30:00	7/29/2024	12:39:00	36.15			Reserve Shutdown		168

Tampa Electric Company
Outage Listing
July 2024

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
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Tampa Electric Company
 Outage Listing
 July 2024

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BB CT5	7	Maintenance Outage	7/1/2024	0:00:00	7/5/2024	21:24:00	117.4	5071	Combustor liner	Unit was removed from service to remove 4 Unibodies due to coating/liner erosion and c		360
BB CT5	8	Unplanned (Forced) Outage - Immediat	7/5/2024	21:52:00	7/5/2024	22:38:00	0.77	3430	Feedwater regulating (boiler leve Valve was left closed and drum level decreased to trip level.			360

Tampa Electric Company
 Outage Listing
 July 2024

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BB CT6	14	Unplanned (Forced) Outage - Immediat	7/15/2024	22:53:00	7/15/2024	23:23:00	0.5	6171	IP Startup bypass system valves	HRH Bypass Valve stuck open during steam turbine testing, causing a temperature excurs		360

Tampa Electric Company
Outage Listing
July 2024

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BIG BEND ST1	10	Maintenance Derating	7/1/2024	0:00:00	7/5/2024	21:25:00	117.42	3999	Other miscellaneous balance of	Maintenance outage on CT5	145	335

Tampa Electric Company
Outage Listing
July 2024

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
Polk 2	80	Reserve Shutdown	7/1/2024	5:30:00	7/1/2024	13:17:00	7.78			Reserve Shutdown		150
Polk 2	81	Reserve Shutdown	7/2/2024	23:58:00	7/3/2024	14:05:00	14.12			Reserve Shutdown		150
Polk 2	82	Unplanned (Forced)	7/5/2024	10:35:00	7/5/2024	20:15:00	9.67	4609	Other exciter problems	Polk 3 line relay SEL-2505 operated in error. This caused a transfer trip, which tr		150
Polk 2	83	Reserve Shutdown	7/5/2024	20:15:00	7/6/2024	12:35:00	16.33			Reserve Shutdown		150
Polk 2	84	Reserve Shutdown	7/11/2024	9:22:00	7/11/2024	10:19:00	0.95			Reserve Shutdown		150
Polk 2	85	Unplanned (Forced)	7/11/2024	10:19:00	7/12/2024	10:57:00	24.63	3664	4000-7000 volt protecti	EEE Technician was landing Potential Transformer (PTs) in B1005 when he lifted		150
Polk 2	86	Unplanned (Forced)	7/12/2024	19:29:00	7/13/2024	13:01:00	17.53	3664	4000-7000 volt protecti	EEE Technician needed to land PT secondaries from SO A-Bus at multiple locatio		150
Polk 2	87	Reserve Shutdown	7/18/2024	22:14:00	7/19/2024	8:03:00	9.82			Reserve Shutdown		150
Polk 2	88	Reserve Shutdown	7/20/2024	22:56:00	7/21/2024	12:13:00	13.28			Reserve Shutdown		150

Tampa Electric Company
Outage Listing
July 2024

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
Polk 2 ST	31	Unplanned (Forced) Derating - Immedia	7/2/2024	10:22:00	7/2/2024	11:28:00	1.1 3999		Other miscellaneous balance of plant problem A contractor relay installer was working inside the B3105 starter control cubicle for		341.25	461
Polk 2 ST	32	Maintenance Derating	7/3/2024	23:23:00	7/15/2024	15:49:00	280.43 3999		Other miscellaneous balance of plant problem CT3 planned outage.		341.25	461
Polk 2 ST	33	Unplanned (Forced) Derating - Immedia	7/5/2024	10:35:00	7/5/2024	20:15:00	9.67 3999		Other miscellaneous balance of plant problem CT2 trip derates steam turbine.		341.25	461
Polk 2 ST	34	Unplanned (Forced) Derating - Immedia	7/11/2024	10:19:00	7/12/2024	10:57:00	24.63 3999		Other miscellaneous balance of plant problem CT2 trip derates steam turbine.		341.25	461
Polk 2 ST	35	Unplanned (Forced) Derating - Immedia	7/12/2024	19:29:00	7/13/2024	13:01:00	17.53 3999		Other miscellaneous balance of plant problem CT2 trip derates steam turbine.		341.25	461
Polk 2 ST	36	Unplanned (Forced) Derating - Immedia	7/23/2024	17:58:00	7/24/2024	11:19:00	17.35 3999		Other miscellaneous balance of plant problem CT5 trip due to lightning.Note: Misoperation of CT5's 86U-5 differential lockout rel		341.25	461
Polk 2 ST	37	Unplanned (Forced) Derating - Immedia	7/23/2024	17:58:00	7/24/2024	9:16:00	15.3 3999		Other miscellaneous balance of plant problem CT4 trip due to lightning.Note: Misoperation of CT5 86U-5 differential lockout relay		341.25	461
Polk 2 ST	38	Unplanned (Forced) Derating - Immedia	7/25/2024	1:03:00	7/25/2024	1:13:00	0.17 3999		Other miscellaneous balance of plant problem CT4 derate due to low instrument air pressure, derates the steam turbine.		436	461

**Tampa Electric Company
Outage Listing
July 2024**

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
Polk 3	28	Reserve Shutdown	7/2/2024	11:22:00	7/2/2024	12:31:00	1.15			Reserve Shutdown		150
Polk 3	29	Planned Outage	7/3/2024	23:23:00	7/15/2024	15:49:00	280.43	5042	Fuel nozzles/vanes	Planned outage addressing various systems across the GTG/HRSG. Primary work scope rela		150
Polk 3	30	Reserve Shutdown	7/23/2024	9:41:00	7/23/2024	10:45:00	1.07			Reserve Shutdown		150

**Tampa Electric Company
Outage Listing
July 2024**

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
Polk 4	57	Reserve Shutdown	7/11/2024	5:31:00	7/11/2024	7:33:00	2.03			Reserve Shutdown		150
Polk 4	58	Unplanned (Force)	7/23/2024	17:58:00	7/24/2024	9:16:00	15.3	3644	AC Protection devices	A lightning storm tripped yard breakers 3702 and 3703 through misoperation of CTS's 86		150
Polk 4	59	Unplanned (Force)	7/25/2024	1:03:00	7/25/2024	1:13:00	0.17			Polk ST2 instrument air system supplies instrument air to the Polk 2 power block, incl	110	150

Tampa Electric Company
 Outage Listing
 July 2024

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
Polk 5	61	Reserve Shutdown	7/9/2024	8:18:00	7/9/2024	10:04:00	1.77			Reserve Shutdown		150
Polk 5	62	Reserve Shutdown	7/14/2024	0:28:00	7/14/2024	12:35:00	12.12			Reserve Shutdown		150
Polk 5	63	Reserve Shutdown	7/14/2024	20:24:00	7/15/2024	9:07:00	12.72			Reserve Shutdown		150
Polk 5	64	Reserve Shutdown	7/16/2024	1:23:00	7/16/2024	12:03:00	10.67			Reserve Shutdown		150
Polk 5	65	Reserve Shutdown	7/18/2024	0:13:00	7/18/2024	12:59:00	12.77			Reserve Shutdown		150
Polk 5	66	Reserve Shutdown	7/19/2024	1:28:00	7/19/2024	12:06:00	10.63			Reserve Shutdown		150
Polk 5	67	Reserve Shutdown	7/20/2024	4:43:00	7/20/2024	11:27:00	6.73			Reserve Shutdown		150
Polk 5	68	Reserve Shutdown	7/21/2024	23:19:00	7/22/2024	11:26:00	12.12			Reserve Shutdown		150
Polk 5	69	Unplanned (Forced) Outage - Immediate	7/23/2024	17:58:00	7/24/2024	11:19:00	17.35	3644	AC Protection devices	A lightning storm tripped yard breakers 3702 and 3703 through misoperation of CTS's 86		150
Polk 5	70	Reserve Shutdown	7/25/2024	0:48:00	7/25/2024	10:24:00	9.6			Reserve Shutdown		150
Polk 5	71	Reserve Shutdown	7/27/2024	22:42:00	7/28/2024	11:47:00	13.08			Reserve Shutdown		150
Polk 5	72	Reserve Shutdown	7/29/2024	0:21:00	7/29/2024	12:17:00	11.93			Reserve Shutdown		150
Polk 5	73	Reserve Shutdown	7/30/2024	23:51:00	7/31/2024	11:08:00	11.28			Reserve Shutdown		150