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January 25, 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 December 2023.

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, has been furnished by electronic mail on this 25th day of January 2024 to the following:

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ATTORNEY

ORIGINAL SHEET NO. 8.401.19A  
TAMPA ELECTRIC COMPANY

ACTUAL 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. Equivalent Availability Factor (%)	EAF	98.7	100.0	65.0	99.9	89.0	100.0	99.6	99.4	57.0	99.5	83.8	100.0	91.0
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	720.0	744.0	8,759.0
3. Service Hours	SH	744.0	672.0	577.4	720.0	744.0	720.0	744.0	744.0	396.3	744.0	595.3	744.0	8,145.0
4. Reserve Shutdown Hours	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.1	0.0	8.3	0.0	22.4
5. Unavailable Hours	UH	6.3	0.1	224.2	0.7	53.2	0.0	3.0	3.3	309.6	3.6	116.4	0.0	720.4
6. Planned Outage Hours	POH	6.3	0.0	219.2	0.0	0.0	0.0	0.0	0.0	301.1	0.0	115.3	0.0	641.9
7. Forced Outage Hours	FOH	0.1	0.1	5.0	0.7	10.4	0.0	0.0	3.3	8.5	3.6	1.1	0.0	32.8
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	42.8	0.0	3.0	0.0	0.0	0.0	0.0	0.0	45.8
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	349.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	349.9
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	79.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79.0
10a. Partial Forced Outage Hours	PFOH	0.4	0.4	7.0	3.3	46.5	0.0	0.0	14.7	0.0	0.0	0.0	0.0	72.3
10b. Load Reduction Partial Forced (MW)	LRPF	19.2	79.0	78.8	79.1	91.0	0.0	0.0	77.8	0.0	0.0	0.0	0.0	86.1
11a. Partial Maintenance Outage Hours	PMOH	27.1	0.0	0.0	0.0	190.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	217.9
11b. Load Reduction Partial Maintenance (MW)	LRPM	90.0	0.0	0.0	0.0	91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90.9
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	1,896.6	1,436.5	1,691.7	2,416.0	2,140.5	2,207.4	2,318.2	2,428.0	1,443.4	2,096.7	1,457.6	1,921.7	23,454.1
14. Net Generation (MWH)	NETGEN	257,227.1	192,854.6	225,266.3	328,968.2	292,369.4	298,990.7	313,289.2	329,365.0	195,082.8	279,875.0	185,919.1	259,262.0	3,158,469.3
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,373.0	7,449.0	7,510.0	7,344.0	7,321.0	7,383.0	7,399.0	7,372.0	7,399.0	7,492.0	7,840.0	7,412.0	7,425.8
16. Net Output Factor (%)	NOF	43.7	36.2	49.3	65.2	52.5	59.2	56.2	59.1	65.7	50.2	41.7	41.1	51.0
17. Net Period Continuous Rating (MW)	NPC	792.0	792.0	792.0	701.0	749.0	701.0	749.0	749.0	749.0	749.0	749.0	847.0	759.9
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF ( -3.808) + 7,647												

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 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. Equivalent Availability Factor (%)	EAF	78.3	100.0	97.3	99.2	98.2	100.0	99.3	98.4	94.3	0.0	35.8	100.0	83.3
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	720.0	744.0	8,759.0
3. Service Hours	SH	0.0	134.9	743.0	720.0	744.0	720.0	744.0	744.0	693.6	0.0	142.0	310.4	5,695.9
4. Reserve Shutdown Hours	RSH	582.9	537.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	117.8	433.7	1,671.5
5. Unavailable Hours	UH	161.1	0.0	13.9	3.8	9.2	0.0	5.2	7.9	34.3	744.0	460.2	0.0	1,439.6
6. Planned Outage Hours	POH	130.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	744.0	431.7	0.0	1,325.9
7. Forced Outage Hours	FOH	30.9	0.0	7.8	0.0	0.0	0.0	0.0	0.0	14.3	0.0	4.5	0.0	57.5
8. Maintenance Outage Hours	MOH	0.0	0.0	6.1	3.8	9.2	0.0	5.2	7.9	0.0	0.0	24.0	0.0	56.2
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	0.0	42.7	0.0	0.0	0.0	0.0	0.0	85.1	0.0	13.4	0.0	141.2
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	80.3	0.0	0.0	0.0	0.0	0.0	76.0	0.0	152.6	0.0	84.6
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	34.9	22.9	55.0	0.0	0.0	46.9	0.0	0.0	0.0	0.0	159.6
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	77.0	77.0	77.0	0.0	0.0	77.0	0.0	0.0	0.0	0.0	77.0
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	0.0	306.4	3,035.7	2,924.5	2,834.6	2,628.3	2,532.8	2,899.6	3,234.2	0.0	542.2	1,049.8	21,988.1
14. Net Generation (MWH)	NETGEN	-1,293.0	37,457.0	410,346.7	390,191.0	378,962.5	352,539.0	337,033.0	386,336.0	435,857.3	0.0	63,446.0	140,254.2	2,931,129.8
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	0.0	8,179.0	7,398.0	7,495.0	7,480.0	7,455.0	7,515.0	7,506.0	7,420.0	0.0	8,546.0	7,485.0	7,501.6
16. Net Output Factor (%)	NOF	0.0	26.5	52.8	58.3	54.8	52.7	48.8	55.9	67.7	0.0	48.1	43.2	53.1
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 ( -21.057 ) + 8,699												

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 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. Equivalent Availability Factor (%)	EAF	72.7	96.7	84.8	22.4	0.0	0.0	75.8	51.9	46.5	34.0	68.9	99.7	54.3
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	720.0	744.0	8,759.0
3. Service Hours	SH	86.1	338.3	704.3	169.6	0.0	0.0	600.2	540.9	447.3	415.6	498.8	557.1	4,358.2
4. Reserve Shutdown Hours	RSH	473.0	311.5	1.0	0.0	0.0	0.0	0.0	0.0	26.8	0.0	0.0	184.3	996.6
5. Unavailable Hours	UH	185.0	22.2	38.7	550.5	744.0	720.0	143.8	203.1	245.9	328.4	222.2	2.6	3,406.4
6. Planned Outage Hours	POH	0.0	0.0	0.0	550.5	744.0	682.1	0.0	0.0	0.0	320.7	120.9	0.0	2,418.2
7. Forced Outage Hours	FOH	0.0	22.2	38.7	0.0	0.0	37.9	71.7	0.0	113.2	7.7	1.8	2.6	295.8
8. Maintenance Outage Hours	MOH	185.0	0.0	0.0	0.0	0.0	0.0	72.1	203.1	132.8	0.0	99.6	0.0	692.6
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	86.1	0.0	334.3	169.6	0.0	0.0	0.0	398.5	454.7	695.3	5.1	0.0	2,143.6
10b. Load Reduction Partial Forced (MW)	LRPF	90.0	0.0	96.3	20.0	0.0	0.0	0.0	164.0	129.4	98.7	104.9	0.0	110.4
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	190.8	0.0	0.0	0.0	0.0	0.0	190.8
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	0.0	80.0	0.0	0.0	0.0	0.0	0.0	80.0
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	246.7	763.3	2,009.9	487.9	0.0	0.0	1,392.4	1,313.6	1,266.7	948.7	1,388.0	1,390.7	11,207.9
14. Net Generation (MWH)	NETGEN	23,309.0	66,583.0	178,048.0	42,597.0	0.0	0.0	116,615.0	121,341.0	116,303.0	85,008.0	135,768.4	147,393.8	1,032,966.2
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	10,583.0	11,464.0	11,288.0	11,455.0	0.0	0.0	11,940.0	10,826.0	10,891.0	11,160.0	10,223.0	9,436.0	10,850.2
16. Net Output Factor (%)	NOF	62.7	45.6	58.5	59.5	0.0	0.0	46.0	53.2	61.6	48.5	64.5	61.2	55.7
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 ( -25.146) + 12,463												



ORIGINAL SHEET NO. 8.401.19A  
TAMPA ELECTRIC COMPANY

ACTUAL 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. Equivalent Availability Factor (%)	EAF	86.4	99.7	72.1	88.9	97.3	93.6	99.1	98.9	73.8	98.3	97.5	85.0	90.8
2. Period Hours	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	720.0	744.0	8,759.0
3. Service Hours	SH	663.1	672.0	517.2	720.0	744.0	720.0	739.1	744.0	456.1	744.0	694.3	744.0	8,157.8
4. Reserve Shutdown Hours	RSH	0.0	0.0	45.1	0.0	0.0	0.0	0.7	0.0	82.5	0.0	10.0	0.0	138.3
5. Unavailable Hours	UH	94.3	0.0	181.7	44.5	11.4	25.8	4.2	4.4	181.4	5.5	15.7	65.7	634.6
6. Planned Outage Hours	POH	25.9	0.0	180.4	25.5	0.0	0.0	0.0	0.3	155.7	0.0	0.0	51.2	439.0
7. Forced Outage Hours	FOH	43.7	0.0	0.0	4.1	8.7	0.0	2.1	4.1	25.7	2.4	4.1	14.5	109.4
8. Maintenance Outage Hours	MOH	24.7	0.0	1.4	14.9	2.7	25.8	2.1	0.0	0.0	3.2	11.6	0.0	86.4
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	235.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	235.1
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	127.0
10a. Partial Forced Outage Hours	PFOH	108.7	22.5	2.4	29.8	54.3	3.3	10.5	32.2	64.0	38.2	23.3	94.3	483.5
10b. Load Reduction Partial Forced (MW)	LRPF	75.0	114.9	138.8	120.0	134.6	115.6	119.2	119.3	119.3	123.8	119.8	147.3	116.8
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	278.0	19.3	182.6	14.9	0.0	0.0	22.6	0.0	171.2	688.5
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	123.5	115.3	115.3	119.4	0.0	0.0	119.8	0.0	238.9	149.6
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	3,082.0	2,811.1	2,790.7	3,957.5	4,280.2	3,871.9	4,061.3	4,065.4	2,142.0	3,536.3	2,985.0	3,026.7	40,610.0
14. Net Generation (MWH)	NETGEN	426,079.0	395,062.0	376,172.0	557,049.0	633,320.0	552,932.0	574,417.0	574,036.0	280,259.0	498,480.0	414,442.0	423,434.0	5,705,682.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,233.0	7,116.0	7,419.0	7,104.0	6,758.0	7,002.0	7,070.0	7,082.0	7,643.0	7,094.0	7,202.0	7,148.0	7,117.5
16. Net Output Factor (%)	NOF	53.6	49.0	60.6	72.9	80.2	72.4	73.3	72.7	57.9	63.2	56.3	47.4	63.2
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 ( -9.479 ) + 7,720												

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  
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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)	124	Reserve Shutdown	12/1/2023	23:39:00	12/2/2023	15:50:00	16.18			Reserve Shutdown		196
BS CT1(A)	125	Reserve Shutdown	12/5/2023	2:10:00	12/5/2023	14:49:00	12.65			Reserve Shutdown		196
BS CT1(A)	126	Reserve Shutdown	12/7/2023	11:04:00	12/8/2023	16:33:00	29.48			Reserve Shutdown		196
BS CT1(A)	127	Reserve Shutdown	12/9/2023	21:30:00	12/10/2023	13:07:00	15.62			Reserve Shutdown		196
BS CT1(A)	128	Reserve Shutdown	12/11/2023	9:00:00	12/12/2023	4:33:00	19.55			Reserve Shutdown		196
BS CT1(A)	129	Reserve Shutdown	12/15/2023	22:23:00	12/17/2023	14:40:00	40.28			Reserve Shutdown		196
BS CT1(A)	130	Reserve Shutdown	12/19/2023	8:18:00	12/19/2023	16:34:00	8.27			Reserve Shutdown		196
BS CT1(A)	131	Reserve Shutdown	12/20/2023	9:28:00	12/21/2023	15:56:00	30.47			Reserve Shutdown		196
BS CT1(A)	132	Reserve Shutdown	12/22/2023	22:05:00	12/24/2023	8:26:00	34.35			Reserve Shutdown		196
BS CT1(A)	133	Reserve Shutdown	12/26/2023	1:13:00	12/28/2023	17:14:00	64.02			Reserve Shutdown		196
BS CT1(A)	134	Reserve Shutdown	12/29/2023	9:33:00	12/30/2023	17:14:00	31.68			Reserve Shutdown		196



**Tampa Electric Company**  
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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)	108	Reserve Shutdown	12/1/2023	0:00:00	12/2/2023	9:51:00	33.85			Reserve Shutdown		196
BS CT1(B)	109	Reserve Shutdown	12/4/2023	0:51:00	12/4/2023	7:25:00	6.57			Reserve Shutdown		196
BS CT1(B)	110	Reserve Shutdown	12/6/2023	0:03:00	12/6/2023	16:03:00	16			Reserve Shutdown		196
BS CT1(B)	111	Reserve Shutdown	12/8/2023	23:27:00	12/9/2023	11:39:00	12.2			Reserve Shutdown		196
BS CT1(B)	112	Reserve Shutdown	12/10/2023	20:15:00	12/11/2023	7:20:00	11.08			Reserve Shutdown		196
BS CT1(B)	113	Reserve Shutdown	12/12/2023	3:36:00	12/13/2023	15:39:00	36.05			Reserve Shutdown		196
BS CT1(B)	114	Reserve Shutdown	12/13/2023	23:58:00	12/14/2023	15:23:00	15.42			Reserve Shutdown		196
BS CT1(B)	115	Reserve Shutdown	12/15/2023	19:51:00	12/16/2023	6:18:00	10.45			Reserve Shutdown		196
BS CT1(B)	116	Reserve Shutdown	12/17/2023	23:53:00	12/19/2023	5:21:00	29.47			Reserve Shutdown		196
BS CT1(B)	117	Reserve Shutdown	12/20/2023	8:32:00	12/20/2023	15:06:00	6.57			Reserve Shutdown		196
BS CT1(B)	118	Reserve Shutdown	12/21/2023	23:27:00	12/23/2023	15:22:00	39.92			Reserve Shutdown		196
BS CT1(B)	119	Reserve Shutdown	12/24/2023	20:35:00	12/26/2023	17:04:00	44.48			Reserve Shutdown		196
BS CT1(B)	120	Reserve Shutdown	12/30/2023	10:39:00	12/31/2023	23:59:00	37.33			Reserve Shutdown		196

Tampa Electric Company  
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December 2023

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)	144	Reserve Shutdown	12/1/2023	0:00:00	12/1/2023	13:14:00	13.23		Reserve Shutdown			196
BS CT1(C)	145	Reserve Shutdown	12/3/2023	2:39:00	12/3/2023	14:37:00	11.97		Reserve Shutdown			196
BS CT1(C)	146	Reserve Shutdown	12/6/2023	20:16:00	12/7/2023	4:59:00	8.72		Reserve Shutdown			196
BS CT1(C)	147	Reserve Shutdown	12/9/2023	0:22:00	12/9/2023	14:15:00	13.88		Reserve Shutdown			196
BS CT1(C)	148	Reserve Shutdown	12/10/2023	23:25:00	12/11/2023	16:22:00	16.95		Reserve Shutdown			196
BS CT1(C)	149	Reserve Shutdown	12/12/2023	8:04:00	12/14/2023	5:14:00	45.17		Reserve Shutdown			196
BS CT1(C)	150	Reserve Shutdown	12/17/2023	2:01:00	12/18/2023	16:41:00	38.67		Reserve Shutdown			196
BS CT1(C)	151	Reserve Shutdown	12/19/2023	22:14:00	12/20/2023	4:57:00	6.72		Reserve Shutdown			196
BS CT1(C)	152	Reserve Shutdown	12/20/2023	22:16:00	12/22/2023	14:11:00	39.92		Reserve Shutdown			196
BS CT1(C)	153	Reserve Shutdown	12/23/2023	21:30:00	12/25/2023	6:38:00	33.13		Reserve Shutdown			196
BS CT1(C)	154	Reserve Shutdown	12/28/2023	1:10:00	12/29/2023	16:34:00	39.4		Reserve Shutdown			196
BS CT1(C)	155	Reserve Shutdown	12/31/2023	8:04:00	12/31/2023	23:59:00	15.92		Reserve Shutdown			196

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Tampa Electric Company

Outage Listing

December 2023

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  
 December 2023

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)	80	Reserve Shutdown	12/1/2023	0:00:00	12/2/2023	6:18:00	30.3		Reserve Shutdown			183
BS CT2(A)	81	Reserve Shutdown	12/2/2023	22:55:00	12/3/2023	13:24:00	14.48		Reserve Shutdown			183
BS CT2(A)	82	Reserve Shutdown	12/4/2023	23:37:00	12/6/2023	5:33:00	29.93		Reserve Shutdown			183
BS CT2(A)	83	Reserve Shutdown	12/8/2023	1:05:00	12/8/2023	15:18:00	14.22		Reserve Shutdown			183
BS CT2(A)	84	Reserve Shutdown	12/9/2023	19:28:00	12/10/2023	12:28:00	17		Reserve Shutdown			183
BS CT2(A)	85	Reserve Shutdown	12/13/2023	0:04:00	12/31/2023	23:59:00	455.92		Reserve Shutdown			183

**Tampa Electric Company**  
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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)	105	Reserve Shutdown	12/1/2023	0:00:00	12/1/2023	15:20:00	15.33			Reserve Shutdown		183
BS CT2(B)	106	Reserve Shutdown	12/2/2023	20:56:00	12/4/2023	5:24:00	32.47			Reserve Shutdown		183
BS CT2(B)	107	Reserve Shutdown	12/6/2023	8:41:00	12/6/2023	17:25:00	8.73			Reserve Shutdown		183
BS CT2(B)	108	Reserve Shutdown	12/6/2023	22:26:00	12/7/2023	15:15:00	16.82			Reserve Shutdown		183
BS CT2(B)	109	Reserve Shutdown	12/7/2023	23:34:00	12/10/2023	14:26:00	62.87			Reserve Shutdown		183
BS CT2(B)	110	Reserve Shutdown	12/11/2023	10:56:00	12/12/2023	6:01:00	19.08			Reserve Shutdown		183
BS CT2(B)	111	Reserve Shutdown	12/13/2023	22:22:00	12/31/2023	23:59:00	433.62			Reserve Shutdown		183

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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)	103	Reserve Shutdown	12/2/2023	1:22:00	12/2/2023	14:42:00	13.33			Reserve Shutdown		183
BS CT2(C)	104	Reserve Shutdown	12/4/2023	21:45:00	12/5/2023	6:00:00	8.25			Reserve Shutdown		183
BS CT2(C)	105	Reserve Shutdown	12/7/2023	9:31:00	12/7/2023	17:28:00	7.95			Reserve Shutdown		183
BS CT2(C)	106	Reserve Shutdown	12/10/2023	21:57:00	12/11/2023	15:09:00	17.2			Reserve Shutdown		183
BS CT2(C)	107	Reserve Shutdown	12/13/2023	9:58:00	12/31/2023	23:59:00	446.02			Reserve Shutdown		183

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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)	117	Reserve Shutdown	12/1/2023	10:10:00	12/3/2023	11:15:00	49.08			Reserve Shutdown		183
BS CT2(D)	118	Reserve Shutdown	12/5/2023	10:00:00	12/6/2023	15:45:00	29.75			Reserve Shutdown		183
BS CT2(D)	119	Reserve Shutdown	12/8/2023	10:22:00	12/9/2023	16:35:00	30.22			Reserve Shutdown		183
BS CT2(D)	120	Reserve Shutdown	12/9/2023	23:35:00	12/12/2023	9:37:00	58.03			Reserve Shutdown		183
BS CT2(D)	121	Reserve Shutdown	12/12/2023	22:24:00	12/31/2023	23:59:00	457.58			Reserve Shutdown		183

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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 2	21	Reserve Shutdown	12/13/2023	22:21:00	12/31/2023	23:59:00	433.63			Reserve Shutdown		315



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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 4	35	Reserve Shutdown	12/20/2023	13:11:00	12/28/2023	5:30:00	184.32			Reserve Shutdown		432
Big Bend 4	36	Unplanned (Forced) Outage - Immediate	12/28/2023	6:13:00	12/28/2023	8:46:00	2.55	4430	Gland seal system	Gland steam supply valve stuck. Unit tripped on low condenser vacuum.		432

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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	75	Reserve Shutdown	12/1/2023	0:00:00	12/1/2023	6:10:00	6.17		Reserve Shutdown			180
Polk 2	76	Reserve Shutdown	12/6/2023	10:16:00	12/6/2023	17:57:00	7.68		Reserve Shutdown			180
Polk 2	77	Reserve Shutdown	12/7/2023	8:45:00	12/8/2023	5:42:00	20.95		Reserve Shutdown			180
Polk 2	78	Reserve Shutdown	12/8/2023	22:55:00	12/9/2023	9:49:00	10.9		Reserve Shutdown			180
Polk 2	79	Reserve Shutdown	12/12/2023	8:07:00	12/12/2023	16:35:00	8.47		Reserve Shutdown			180
Polk 2	80	Reserve Shutdown	12/16/2023	0:01:00	12/16/2023	8:15:00	8.23		Reserve Shutdown			180
Polk 2	81	Reserve Shutdown	12/19/2023	0:03:00	12/19/2023	15:56:00	15.88		Reserve Shutdown			180
Polk 2	82	Reserve Shutdown	12/20/2023	9:34:00	12/20/2023	16:13:00	6.65		Reserve Shutdown			180
Polk 2	83	Reserve Shutdown	12/25/2023	1:18:00	12/25/2023	9:07:00	7.82		Reserve Shutdown			180
Polk 2	84	Reserve Shutdown	12/27/2023	6:05:00	12/28/2023	5:22:00	23.28		Reserve Shutdown			180
Polk 2	85	Reserve Shutdown	12/29/2023	22:21:00	12/30/2023	14:34:00	16.22		Reserve Shutdown			180

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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	55	Unplanned (Forced) Derating - Immediate	12/1/2023	0:00:00	12/1/2023	14:53:00	14.88	3999	Other miscellaneous balance of plant problems	On HRS G3 IP drum intermittent blowdown valve, the coupling between the motor and the M	341.25	480
Polk 2 ST	56	Maintenance Derating	12/3/2023	20:51:00	12/11/2023	0:01:00	171.17	3999	Other miscellaneous balance of plant problems	Polk 5 planned outage	360.25	480
Polk 2 ST	57	Maintenance Derating	12/3/2023	21:46:00	12/11/2023	0:01:00	170.25	3999	Other miscellaneous balance of plant problems	Polk 4 planned outage	360.25	480
Polk 2 ST	58	Unplanned (Forced) Derating - Immediate	12/11/2023	0:01:00	12/14/2023	2:23:00	74.37	3999	Other miscellaneous balance of plant problems	Polk 4 extension of outage due to turning gear and lift oil issues.	360.25	480
Polk 2 ST	59	Unplanned (Forced) Derating - Immediate	12/11/2023	0:01:00	12/11/2023	22:30:00	22.48	3999	Other miscellaneous balance of plant problems	Polk 5 extension of outage due to protection relay settings and bus side PT cubicle fu	360.25	480
Polk 2 ST	60	Unplanned (Forced) Derating - Immediate	12/13/2023	6:14:00	12/13/2023	8:48:00	2.57	3999	Other miscellaneous balance of plant problems	HRS G5 duct burners would not light because element 3 pilot flame scanner glass was dir	450	480
Polk 2 ST	61	Unplanned (Forced) Derating - Immediate	12/20/2023	6:11:00	12/20/2023	11:15:00	5.07	3999	Other miscellaneous balance of plant problems	HRS G3 duct burners would not light because element 1 pilot flame scanner glass was dir	450	480

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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	95	Reserve Shutdown	12/1/2023	0:00:00	12/1/2023	16:23:00	16.38			Reserve Shutdown		180
Polk 3	96	Reserve Shutdown	12/12/2023	10:59:00	12/13/2023	6:40:00	19.68			Reserve Shutdown		180

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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	96	Planned Outage	12/3/2023	21:47:00	12/11/2023	0:01:00	170.23			Shared critical path was switchgear and MCC protection relay upgrades, 230 kV pole top		180
Polk 4	97	Unplanned (Forced)	12/11/2023	0:01:00	12/14/2023	2:23:00	74.37	5190	Other auxiliary system problems	Initially 230 kV line de-energized due to faulty protection relay on Bus B (Polk 5 sid		180
Polk 4	98	Reserve Shutdown	12/14/2023	2:23:00	12/14/2023	15:26:00	13.05					180
Polk 4	99	Reserve Shutdown	12/16/2023	20:48:00	12/19/2023	5:05:00	56.28			Reserve Shutdown		180
Polk 4	100	Reserve Shutdown	12/21/2023	9:06:00	12/21/2023	16:14:00	7.13			Reserve Shutdown		180
Polk 4	101	Reserve Shutdown	12/21/2023	21:17:00	12/24/2023	12:02:00	62.75			Reserve Shutdown		180
Polk 4	102	Reserve Shutdown	12/25/2023	19:56:00	12/26/2023	9:09:00	13.22			Reserve Shutdown		180
Polk 4	103	Reserve Shutdown	12/28/2023	0:24:00	12/28/2023	7:54:00	7.5			Reserve Shutdown		180
Polk 4	104	Reserve Shutdown	12/28/2023	21:53:00	12/31/2023	16:21:00	66.47			Reserve Shutdown		180

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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	98	Planned Outage	12/3/2023	20:51:00	12/11/2023	0:01:00	171.17			Shared critical path was switchgear and MCC protection relay upgrades, 230 kV pole top		180
Polk 5	99	Unplanned (Forced) Outage - Immediate	12/11/2023	0:01:00	12/11/2023	22:30:00	22.48			During planned outage a multitude of protection relays in Polk 5 4160 V switchgear wer		180
Polk 5	100	Reserve Shutdown	12/11/2023	22:30:00	12/12/2023	6:10:00	7.67					180
Polk 5	101	Reserve Shutdown	12/15/2023	20:52:00	12/18/2023	16:05:00	67.22			Reserve Shutdown		180
Polk 5	102	Reserve Shutdown	12/19/2023	9:09:00	12/19/2023	17:34:00	8.42			Reserve Shutdown		180
Polk 5	103	Reserve Shutdown	12/23/2023	23:42:00	12/26/2023	6:45:00	55.05			Reserve Shutdown		180
Polk 5	104	Reserve Shutdown	12/28/2023	13:09:00	12/29/2023	16:19:00	27.17			Reserve Shutdown		180
Polk 5	105	Reserve Shutdown	12/31/2023	10:15:00	12/31/2023	23:59:00	13.73			Reserve Shutdown		180