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January 27, 2025

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. 20250001-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, 2024.

In addition, attached are Tampa Electric Company's revised GPIF Actual Unit Performance Data Schedules to account for revisions to period hours due to Daylight Savings Time:

- The March 2024 schedules were revised for Bayside 1, Bayside 2 and Big Bend 1 CC.
- The November 2024 schedules were revised for Bayside 1, Bayside 2, Big Bend 1 CC and Polk 2 CC.

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)
Ryan Sandy (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 27th day of January 2025 to the following:

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ATTORNEY

JANUARY 2024 - DECEMBER 2024

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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	95.1	47.8	95.3	99.7	99.9	93.2
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8,784.0
3. Service Hours	SH	574.9	394.6	682.0	720.0	744.0	720.0	671.1	700.0	358.1	659.5	721.0	744.0	7,689.2
4. Reserve Shutdown Hours	RSH	129.6	296.8	41.4	0.0	0.0	0.0	0.9	7.7	0.0	69.0	0.0	0.0	545.4
5. Unavailable Hours	UH	39.5	4.6	20.6	0.0	5.8	5.4	72.0	36.3	376.1	15.5	2.1	0.9	578.8
6. Planned Outage Hours	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	367.9	3.9	0.0	0.0	371.8
7. Forced Outage Hours	FOH	0.7	0.1	17.2	0.0	5.8	5.4	0.0	23.9	8.2	1.5	0.0	0.9	63.7
8. Maintenance Outage Hours	MOH	38.9	4.6	3.5	0.0	0.0	0.0	72.0	12.4	0.0	10.2	2.1	0.0	143.7
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	144.7	0.0	0.0	144.7
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	100.0	0.0	0.0	100.0
10a. Partial Forced Outage Hours	PFOH	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
10b. Load Reduction Partial Forced (MW)	LRPF	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
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12. Net Summer Continuous Rating (MW)	NSC	749.0	749.0	749.0	749.0	749.0	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	2,254.5	1,080.0	2,396.8	2,726.8	2,612.5	23,602.5
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	311,663.2	156,623.1	339,829.4	382,700.1	358,117.1	3,238,481.4
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	7,234.0	6,895.0	7,053.0	7,125.0	7,295.0	7,288.1
16. Net Output Factor (%)	NOF	29.9	39.5	45.5	46.9	64.7	46.9	56.3	59.4	58.4	68.8	70.9	56.8	53.9
17. Net Period Continuous Rating (MW)	NPC	847.0	847.0	847.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0	847.0	781.7
18. Avg. Net Operating Heat Rate Equation	ANOHR = NOF (-7.989) + 7,921													

Note: Period hours may not match the Service, RS or Unavailble 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	99.6	99.8	66.2	5.6	35.2	54.7
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8,784.0
3. Service Hours	SH	271.6	333.9	0.0	0.0	34.1	533.7	744.0	744.0	720.0	4.9	0.0	0.5	3,386.7
4. Reserve Shutdown Hours	RSH	445.7	0.0	1.0	0.0	103.3	125.9	0.0	0.0	0.0	487.4	39.3	261.1	1,463.7
5. Unavailable Hours	UH	26.7	395.1	743.0	720.0	606.6	60.5	9.6	3.2	1.3	251.7	680.8	482.4	3,980.9
6. Planned Outage Hours	POH	26.7	395.1	743.0	720.0	593.6	13.9	0.0	0.0	0.0	0.0	158.5	0.0	2,650.8
7. Forced Outage Hours	FOH	0.0	0.0	0.0	0.0	0.0	0.0	6.9	3.2	1.3	243.4	236.0	223.7	714.5
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	12.9	46.6	2.7	0.0	0.0	8.3	286.2	258.7	615.4
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10a. Partial Forced Outage Hours	PFOH	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
10b. Load Reduction Partial Forced (MW)	LRPF	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
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12. Net Summer Continuous Rating (MW)	NSC	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	625.2	792.5	0.0	0.0	87.0	2,168.4	3,165.7	2,837.3	3,268.0	7.6	0.0	0.0	12,951.7
14. Net Generation (MWH)	NETGEN	79,318.7	104,465.8	-825.0	-720.0	6,688.0	307,243.0	438,955.5	391,743.9	452,081.9	-859.3	-1,489.2	-1,556.2	1,775,047.1
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	7,243.0	7,229.0	0.0	0.0	0.0	7,296.6
16. Net Output Factor (%)	NOF	27.9	29.9	0.0	0.0	21.1	62.0	59.1	52.7	62.9	0.0	0.0	0.0	52.2
17. Net Period Continuous Rating (MW)	NPC	1,047.0	1,047.0	1,047.0	929.0	929.0	929.0	999.0	999.0	999.0	999.0	999.0	1,121.0	1,003.7
18. Avg. Net Operating Heat Rate Equation	ANOHR = NOF (-10.936) + 8,068													

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

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ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 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
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	98.7	99.0	99.3	83.3	60.4	90.5
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8,784.0
3. Service Hours	SH	744.0	671.4	743.0	720.0	652.3	720.0	744.0	744.0	713.6	744.0	685.4	493.1	8,374.8
4. Reserve Shutdown Hours	RSH	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	16.7	41.3
5. Unavailable Hours	UH	10.7	3.6	81.7	3.5	94.9	0.0	51.6	5.2	2.8	0.6	76.1	234.2	564.9
6. Planned Outage Hours	POH	0.0	0.2	75.8	0.0	0.0	0.0	39.6	0.0	0.0	0.0	69.8	181.1	366.5
7. Forced Outage Hours	FOH	0.4	0.0	3.3	0.0	94.9	0.0	11.9	4.3	2.8	0.6	1.5	19.2	138.9
8. Maintenance Outage Hours	MOH	10.3	3.4	2.6	3.5	0.0	0.0	0.0	0.8	0.0	0.0	4.8	33.9	59.3
9a. Partial Planned Outage Hours	PPOH	0.0	23.7	506.5	24.5	0.0	0.0	280.4	5.9	36.3	23.4	348.7	248.3	1,497.7
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	120.0	172.7	119.7	0.0	0.0	119.8	119.9	119.8	119.8	131.3	151.5	145.6
10a. Partial Forced Outage Hours	PFOH	81.1	62.8	23.6	0.0	6.8	20.8	70.6	32.3	1.0	18.6	10.5	163.5	491.6
10b. Load Reduction Partial Forced (MW)	LRPF	32.8	120.0	115.6	0.0	119.8	29.9	180.8	128.9	118.8	119.8	119.8	212.2	141.6
11a. Partial Maintenance Outage Hours	PMOH	68.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.7
11b. Load Reduction Partial Maintenance (MW)	LRPM	120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120.0
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	3,277.9	2,608.7	2,970.0	3,294.0	3,209.9	3,514.9	3,606.5	4,036.3	3,988.5	4,116.3	3,043.7	2,163.9	39,830.7
14. Net Generation (MWH)	NETGEN	466,423.0	364,118.0	414,206.0	455,131.0	411,516.0	487,900.0	505,415.1	566,859.0	549,409.0	577,289.0	422,240.0	273,295.0	5,493,801.1
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	7,120.0	7,260.0	7,130.0	7,208.0	7,699.0	7,250.1
16. Net Output Factor (%)	NOF	52.2	45.2	46.5	59.6	59.5	63.9	64.0	71.8	72.6	73.1	58.1	46.2	59.2
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 (-16.071) + 8,234													

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

Tampa Electric Company
Outage Listing
December 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]	212	Reserve Shutdown	12/14/2024	22:30:00	12/15/2024	16:00:00	17.5			Reserve Shutdown		196
BS CT1[A]	213	Unplanned (Forced) Outage - Immediate	12/15/2024	16:00:00	12/15/2024	19:43:00	3.72	4700	Generator voltage control	Unit 1A CT 89 neutral ground limit switch not indicating breaker open.		196
BS CT1[A]	214	Reserve Shutdown	12/15/2024	19:43:00	12/15/2024	21:03:00	1.33					196
BS CT1[A]	215	Reserve Shutdown	12/17/2024	0:10:00	12/17/2024	7:12:00	7.03			Reserve Shutdown		196
BS CT1[A]	216	Reserve Shutdown	12/18/2024	22:21:00	12/19/2024	16:31:00	18.17			Reserve Shutdown		196
BS CT1[A]	217	Reserve Shutdown	12/19/2024	23:09:00	12/20/2024	18:02:00	18.88			Reserve Shutdown		196
BS CT1[A]	218	Reserve Shutdown	12/22/2024	10:27:00	12/23/2024	15:10:00	28.72			Reserve Shutdown		196
BS CT1[A]	219	Reserve Shutdown	12/25/2024	2:25:00	12/26/2024	14:47:00	36.37			Reserve Shutdown		196
BS CT1[A]	220	Reserve Shutdown	12/27/2024	22:59:00	12/28/2024	15:13:00	16.23			Reserve Shutdown		196

Tampa Electric Company
Outage Listing
December 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)	353	Reserve Shutdown	12/14/2024	1:34:00	12/14/2024	15:57:00	14.38			Reserve Shutdown		196
BS CT1(B)	354	Reserve Shutdown	12/18/2024	9:13:00	12/18/2024	16:14:00	7.02			Reserve Shutdown		196
BS CT1(B)	355	Reserve Shutdown	12/25/2024	21:59:00	12/26/2024	22:06:00	24.12			Reserve Shutdown		196
BS CT1(B)	356	Reserve Shutdown	12/30/2024	21:40:00	12/31/2024	16:01:00	18.35			Reserve Shutdown		196

Tampa Electric Company
Outage Listing
December 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)	223	Reserve Shutdown	12/9/2024	0:46:00	12/9/2024	7:29:00	6.72			Reserve Shutdown		196
BS CT1(C)	224	Reserve Shutdown	12/15/2024	0:32:00	12/15/2024	11:57:00	11.42			Reserve Shutdown		196
BS CT1(C)	225	Reserve Shutdown	12/16/2024	1:32:00	12/16/2024	10:48:00	9.27			Reserve Shutdown		196
BS CT1(C)	226	Reserve Shutdown	12/18/2024	23:32:00	12/19/2024	15:29:00	15.95			Reserve Shutdown		196
BS CT1(C)	227	Reserve Shutdown	12/19/2024	22:50:00	12/20/2024	16:15:00	17.42					196
BS CT1(C)	228	Reserve Shutdown	12/21/2024	10:07:00	12/22/2024	16:38:00	30.52					196
BS CT1(C)	229	Reserve Shutdown	12/23/2024	8:22:00	12/25/2024	16:39:00	56.28					196
BS CT1(C)	230	Reserve Shutdown	12/27/2024	0:18:00	12/27/2024	16:01:00	15.72					196
BS CT1(C)	231	Reserve Shutdown	12/28/2024	22:04:00	12/29/2024	15:04:00	17					196
BS CT1(C)	232	Reserve Shutdown	12/29/2024	23:00:00	12/30/2024	15:02:00	16.03					196
BS CT1(C)	233	Reserve Shutdown	12/31/2024	23:31:00	12/31/2024	23:59:00	0.47					196

Tampa Electric Company
Outage Listing
December 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
December 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)	111	Maintenance Outage	12/1/2024	0:00:00	12/16/2024	9:55:00	369.92	3999	Other miscellaneous balance of plant problems	Inspecting steam headers as part of ST2 HP turbine failure		196
BS CT2(A)	112	Reserve Shutdown	12/16/2024	9:55:00	12/18/2024	6:24:00	44.48			Reserve Shutdown		196
BS CT2(A)	113	Reserve Shutdown	12/18/2024	6:54:00	12/31/2024	23:59:00	329.08			Reserve Shutdown		196

Tampa Electric Company
Outage Listing
December 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)	129	Maintenance Outage	12/1/2024	0:00:00	12/16/2024	9:55:00	369.92	3999	Other miscellaneous balance of plant problems	Inspecting steam headers as part of ST2 HP turbine failure		196
BS CT2(B)	130	Reserve Shutdown	12/16/2024	9:55:00	12/17/2024	13:38:00	27.72			Reserve Shutdown		196
BS CT2(B)	131	Reserve Shutdown	12/17/2024	14:07:00	12/31/2024	23:59:00	345.87			Reserve Shutdown		196

Tampa Electric Company
Outage Listing
December 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)	152	Maintenance Outage	12/1/2024	0:00:00	12/16/2024	9:55:00	369.92	3999	Other miscellaneous balance of plant problems	Inspecting steam headers as part of ST2 HP turbine failure		196
BS CT2(C)	153	Reserve Shutdown	12/16/2024	9:55:00	12/16/2024	11:51:00	1.93			Reserve Shutdown		196
BS CT2(C)	154	Reserve Shutdown	12/16/2024	12:21:00	12/31/2024	23:59:00	371.63			Reserve Shutdown		196

Tampa Electric Company
Outage Listing
December 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)	168	Maintenance Outage	12/1/2024	0:00:00	12/16/2024	9:55:00	369.92	3999	Other miscellaneous balance of plant problems	Inspecting steam headers as part of ST2 HP turbine failure		196
BS CT2(D)	169	Reserve Shutdown	12/16/2024	9:55:00	12/31/2024	23:59:00	374.07			Reserve Shutdown		196

Tampa Electric Company
Outage Listing
December 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 2	36	Unplanned (Forced) Outage - Immediate	12/1/2024	0:00:00	12/31/2024	23:59:00	743:98	4012	Buckets or blades	Unit 2 ST tripped on high vibration due to HP turbine failureNote: Turbine had a fai		337
BS ST 2	36	Unplanned (Forced) Outage - Immediate	12/1/2024	0:00:00	12/1/2024	0:00:00	0	4012	Buckets or blades	Unit 2 ST tripped on high vibration due to HP turbine failureNote: Turbine had a fai		337

Tampa Electric Company
Outage Listing
December 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
December 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	33	Planned Outage	12/11/2024	13:41:00	#####	6:34:00	160.88	5080	High pressure shaft	GE Warranty inspection. Rotor and bucket inspection is required by GE every 4000 hour		392

Tampa Electric Company
Outage Listing
December 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
December 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	323	Reserve Shutdown	12/2/2024	8:38:00	12/2/2024	16:23:00	7.75			Reserve Shutdown		180
Polk 2	324	Reserve Shutdown	12/4/2024	9:58:00	12/4/2024	17:47:00	7.82			Reserve Shutdown		180
Polk 2	325	Planned Outage	12/5/2024	1:19:00	12/20/2024	23:09:00	381.83	8720	NOx analyzer problems	Driver behind planned outage is to upgrade CEMS hardware and software due to end of li		180
Polk 2	326	Reserve Shutdown	12/20/2024	23:09:00	12/21/2024	13:59:00	14.83					180
Polk 2	327	Reserve Shutdown	12/22/2024	9:30:00	12/23/2024	13:22:00	27.87			Reserve Shutdown		180
Polk 2	328	Reserve Shutdown	12/24/2024	11:49:00	12/25/2024	7:23:00	19.57			Reserve Shutdown		180
Polk 2	329	Reserve Shutdown	12/26/2024	9:00:00	12/29/2024	13:05:00	76.08			Reserve Shutdown		180

Tampa Electric Company
Outage Listing
December 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	102	Planned Outage	12/1/2024	0:00:00	12/9/2024	21:39:00	213.65			Planned outage with major scopes being upgrading DCS virtual machine host management		480
Polk 2 ST	103	Planned Derating	12/9/2024	21:39:00	12/20/2024	23:09:00	265.5	3999	Other miscellaneous balance of plant problems	CT2 planned outage derates steam turbine.	360.75	480
Polk 2 ST	104	Planned Derating	12/9/2024	21:39:00	12/12/2024	5:51:00	56.2	3999	Other miscellaneous balance of plant problems	During upgrading of HRS4 duct burner flame scanners, flame scanners need to be tuned	450	480
Polk 2 ST	105	Planned Derating	12/9/2024	21:39:00	12/11/2024	16:00:00	42.35	3999	Other miscellaneous balance of plant problems	CT3 planned outage derates steam turbine.	360.75	480
Polk 2 ST	106	Unplanned (Forced) Outage - Immediate	12/9/2024	22:56:00	12/11/2024	12:12:00	37.27	4309	Other turbine instrument and control problems	Prior to planned outage, the control loop for the left intercept control valve indicat		480
Polk 2 ST	107	Unplanned (Forced) Derating - Immediate	12/11/2024	16:00:00	12/12/2024	5:51:00	13.85	3999	Other miscellaneous balance of plant problems	CT3 planned outage forced extension due to LCI issue derates steam turbine.	241.5	480
Polk 2 ST	108	Unplanned (Forced) Derating - Immediate	12/12/2024	5:51:00	12/12/2024	8:32:00	2.68	3999	Other miscellaneous balance of plant problems	HRS4 duct burners unavailable due to obsolete control logic that prevented opening of	211.5	480
Polk 2 ST	109	Unplanned (Forced) Derating - Immediate	12/12/2024	5:51:00	12/12/2024	8:32:00	2.68	3999	Other miscellaneous balance of plant problems	CT3 planned outage forced extension due to LCI issue derates steam turbine.	241.5	480
Polk 2 ST	110	Unplanned (Forced) Derating - Immediate	12/12/2024	8:04:00	12/12/2024	8:32:00	0.47	3999	Other miscellaneous balance of plant problems	CT5 derate also derates steam turbine.	200.5	480
Polk 2 ST	111	Unplanned (Forced) Derating - Immediate	12/12/2024	8:32:00	12/17/2024	4:13:00	115.68	3999	Other miscellaneous balance of plant problems	HRS4 duct burners unavailable due to obsolete control logic that prevented opening of	330.75	480
Polk 2 ST	112	Planned Derating	12/12/2024	8:32:00	12/13/2024	8:32:00	24	3999	Other miscellaneous balance of plant problems	During upgrading of HRS3 duct burner flame scanners, flame scanners need to be tuned	289.75	480
Polk 2 ST	113	Unplanned (Forced) Derating - Immediate	12/12/2024	8:32:00	12/13/2024	8:32:00	24	3999	Other miscellaneous balance of plant problems	CT5 derate also derates steam turbine.	319.75	480
Polk 2 ST	114	Planned Derating	12/13/2024	8:32:00	12/14/2024	7:07:00	22.58	3999	Other miscellaneous balance of plant problems	During upgrading of HRS3 duct burner flame scanners, flame scanners need to be tuned	300.75	480
Polk 2 ST	115	Unplanned (Forced) Derating - Immediate	12/17/2024	4:13:00	12/17/2024	9:15:00	5.03	3999	Other miscellaneous balance of plant problems	CT4 forced outage derates steam turbine.	360.75	480
Polk 2 ST	116	Unplanned (Forced) Derating - Immediate	12/20/2024	17:32:00	12/20/2024	19:18:00	1.77	3999	Other miscellaneous balance of plant problems	CT4 damper flopped due to bad solenoid on main steam bypass attenuator spray isolati	360.75	480
Polk 2 ST	117	Planned Derating	12/20/2024	23:09:00	12/21/2024	19:11:00	20.03	3999	Other miscellaneous balance of plant problems	During upgrading of HRS2 duct burner flame scanners, flame scanners need to be tuned	450	480

Tampa Electric Company
Outage Listing
December 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	118	Planned Outage	12/1/2024	0:00:00	12/11/2024	16:00:00	256	8720	NOx analyzer problems	Driver behind planned outage is to upgrade CEMS hardware and software due to end of li		180
Polk 3	119	Unplanned (Forced) Outage - Immediate	12/11/2024	16:00:00	12/12/2024	8:32:00	16.53	5250	Other controls and instrumentation problems	Unit 2 LCI, which is the typical LCI used to start Polk 3, failed. Operations lined Un		180
Polk 3	120	Reserve Shutdown	12/12/2024	8:32:00	12/12/2024	17:09:00	8.62			Reserve Shutdown		180
Polk 3	121	Reserve Shutdown	12/23/2024	10:28:00	12/24/2024	16:45:00	30.28			Reserve Shutdown		180

Tampa Electric Company
Outage Listing
December 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	216	Reserve Shutdown	12/1/2024	0:00:00	12/1/2024	22:51:00	22.85			Reserve Shutdown		180
Polk 4	217	Reserve Shutdown	12/2/2024	9:53:00	12/2/2024	19:55:00	10.03			Reserve Shutdown		180
Polk 4	218	Reserve Shutdown	12/3/2024	9:09:00	12/3/2024	21:22:00	12.22			Reserve Shutdown		180
Polk 4	219	Reserve Shutdown	12/4/2024	9:24:00	12/5/2024	1:19:00	15.92			Reserve Shutdown		180
Polk 4	220	Maintenance Outage	12/5/2024	1:19:00	12/9/2024	15:16:00	109.95			Unit down to support full block outage. Full block outage is necessary for DCS virtual		180
Polk 4	221	Reserve Shutdown	12/9/2024	23:01:00	12/11/2024	7:14:00	32.22			Reserve Shutdown		180
Polk 4	222	Unplanned (Forced) Outage - Immediate	12/11/2024	9:11:00	12/11/2024	16:00:00	6.82	8299	Other piping, ducting, damper, and fan problems	During startup, unit got triple high reheater metal temps. The damper would not flop t		180
Polk 4	223	Reserve Shutdown	12/11/2024	16:00:00	12/11/2024	17:54:00	1.9			Reserve Shutdown		180
Polk 4	224	Reserve Shutdown	12/13/2024	8:50:00	12/13/2024	15:19:00	6.48			Reserve Shutdown		180
Polk 4	225	Unplanned (Forced) Outage - Immediate	12/17/2024	4:13:00	12/17/2024	9:15:00	5.03	5048	Gas fuel system including controls and instrumentation	Due to wear and tear, fuel gas heater contactors got pitted. This caused them to get s		180
Polk 4	226	Reserve Shutdown	12/17/2024	9:15:00	12/17/2024	22:46:00	13.52			Reserve Shutdown		180
Polk 4	227	Reserve Shutdown	12/20/2024	10:39:00	12/20/2024	17:13:00	6.57			Reserve Shutdown		180
Polk 4	228	Reserve Shutdown	12/20/2024	19:20:00	12/21/2024	15:39:00	20.32			Reserve Shutdown		180
Polk 4	229	Reserve Shutdown	12/24/2024	22:35:00	12/26/2024	15:16:00	40.68			Reserve Shutdown		180
Polk 4	230	Reserve Shutdown	12/26/2024	23:34:00	12/27/2024	15:29:00	15.92			Reserve Shutdown		180
Polk 4	231	Reserve Shutdown	12/27/2024	23:54:00	12/28/2024	14:33:00	14.65			Reserve Shutdown		180
Polk 4	232	Reserve Shutdown	12/28/2024	23:32:00	12/30/2024	16:36:00	41.07			Reserve Shutdown		180
Polk 4	233	Reserve Shutdown	12/30/2024	23:54:00	12/31/2024	11:39:00	11.75			Reserve Shutdown		180
Polk 4	234	Reserve Shutdown	12/31/2024	21:34:00	12/31/2024	23:59:00	2.42			Reserve Shutdown		180

Tampa Electric Company
Outage Listing
December 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	208	Reserve Shutdown	12/1/2024	0:00:00	12/1/2024	17:04:00	17.07			Reserve Shutdown		180
Polk 5	209	Reserve Shutdown	12/2/2024	10:26:00	12/2/2024	17:57:00	7.52			Reserve Shutdown		180
Polk 5	210	Reserve Shutdown	12/4/2024	9:40:00	12/5/2024	1:19:00	15.65			Reserve Shutdown		180
Polk 5	211	Maintenance Outage	12/5/2024	1:19:00	12/9/2024	13:58:00	108.65			Unit down to support full block outage. Full block outage is necessary for DCS virtual		180
Polk 5	212	Reserve Shutdown	12/9/2024	23:01:00	12/11/2024	8:33:00	33.53			Reserve Shutdown		180
Polk 5	213	Reserve Shutdown	12/11/2024	9:08:00	12/11/2024	10:12:00	1.07			Reserve Shutdown		180
Polk 5	214	Unplanned (Forced) Derating - Immediate	12/12/2024	8:04:00	12/13/2024	8:32:00	24.47	5042	Fuel nozzles/vanes	CTS combustion dynamics parameters were high in base load. Lowered output to 160 MW (d	160	180
Polk 5	215	Maintenance Outage	12/13/2024	8:32:00	12/13/2024	16:00:00	7.47	5042	Fuel nozzles/vanes	Maintenance outage to end CTS derate. Unit was force cooled to facilitate combustion i		180
Polk 5	216	Reserve Shutdown	12/13/2024	16:00:00	12/14/2024	12:59:00	20.98			Reserve Shutdown		180
Polk 5	217	Reserve Shutdown	12/21/2024	9:52:00	12/22/2024	4:10:00	18.3			Reserve Shutdown		180
Polk 5	218	Reserve Shutdown	12/29/2024	23:21:00	12/30/2024	14:05:00	14.73			Reserve Shutdown		180
Polk 5	219	Reserve Shutdown	12/31/2024	1:20:00	12/31/2024	23:59:00	22.65			Reserve Shutdown		180

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										97.0
2. Period Hours	PH	744.0	696.0	742.0										2,182.0
3. Service Hours	SH	574.9	394.6	682.0										1,651.5
4. Reserve Shutdown Hours	RSH	129.6	296.8	41.4										467.8
5. Unavailable Hours	UH	39.5	4.6	20.6										64.7
6. Planned Outage Hours	POH	0.0	0.0	0.0										0.0
7. Forced Outage Hours	FOH	0.7	0.1	17.2										18.0
8. Maintenance Outage Hours	MOH	38.9	4.6	3.5										47.0
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0										0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0										0.0
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	0.0										0.0
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	0.0										0.0
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0										0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0										0.0
12. Net Summer Continuous Rating (MW)	NSC	749.0	749.0	749.0										749.0
13. Operating British Thermal Units (GBTU)	OPR BTU	1,104.2	996.0	1,961.8										4,062.1
14. Net Generation (MWH)	NETGEN	145,773.5	132,105.1	262,586.5										540,465.1
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,575.0	7,540.0	7,471.0										7,515.9
16. Net Output Factor (%)	NOF	29.9	39.5	45.5										38.6
17. Net Period Continuous Rating (MW)	NPC	847.0	847.0	847.0										847.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-7.989) + 7,921												

Note: Period hours may not match the Service, RS or Unavailble 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:	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										46.6
2. Period Hours	PH	744.0	696.0	743.0										2,183.0
3. Service Hours	SH	271.6	333.9	0.0										605.5
4. Reserve Shutdown Hours	RSH	445.7	0.0	1.0										446.7
5. Unavailable Hours	UH	26.7	395.1	743.0										1,164.8
6. Planned Outage Hours	POH	26.7	395.1	743.0										1,164.8
7. Forced Outage Hours	FOH	0.0	0.0	0.0										0.0
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0										0.0
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0										0.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	0.0	0.0										0.0
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	0.0										0.0
10b. Load Reduction Partial Forced (MW)	LRPF	0.0	0.0	0.0										0.0
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0										0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0										0.0
12. Net Summer Continuous Rating (MW)	NSC	929.0	929.0	929.0										929.0
13. Operating British Thermal Units (GBTU)	OPR BTU	625.2	792.5	0.0										1,417.7
14. Net Generation (MWH)	NETGEN	79,318.7	104,465.8	-825.0										182,959.5
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,882.0	7,586.0	0.0										7,748.6
16. Net Output Factor (%)	NOF	27.9	29.9	0.0										28.9
17. Net Period Continuous Rating (MW)	NPC	1,047.0	1,047.0	1,047.0										1,047.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-10.936) + 8,068												

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

JANUARY 2024 - DECEMBER 2024

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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
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										91.3
2. Period Hours	PH	744.0	696.0	743.0										2,183.0
3. Service Hours	SH	744.0	671.4	743.0										2,158.4
4. Reserve Shutdown Hours	RSH	0.0	21.0	0.0										21.0
5. Unavailable Hours	UH	10.7	3.6	81.7										96.0
6. Planned Outage Hours	POH	0.0	0.2	75.8										76.0
7. Forced Outage Hours	FOH	0.4	0.0	3.3										3.7
8. Maintenance Outage Hours	MOH	10.3	3.4	2.6										16.3
9a. Partial Planned Outage Hours	PPOH	0.0	23.7	506.5										530.2
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	120.0	172.7										170.3
10a. Partial Forced Outage Hours	PFOH	81.1	62.8	23.6										167.5
10b. Load Reduction Partial Forced (MW)	LRPF	32.8	120.0	115.6										77.2
11a. Partial Maintenance Outage Hours	PMOH	68.7	0.0	0.0										68.7
11b. Load Reduction Partial Maintenance (MW)	LRPM	120.0	0.0	0.0										120.0
12. Net Summer Continuous Rating (MW)	NSC	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										8,856.6
14. Net Generation (MWH)	NETGEN	466,423.0	364,118.0	414,206.0										1,244,747.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,028.0	7,164.0	7,170.0										7,115.2
16. Net Output Factor (%)	NOF	52.2	45.2	46.5										48.1
17. Net Period Continuous Rating (MW)	NPC	1,200.0	1,200.0	1,200.0										1,200.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-16.071) + 8,234												

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

Tampa Electric Company
Outage Listing
March 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)	20	Reserve Shutdown	3/2/2024	2:07:00	3/2/2024	15:51:00	13.73			Reserve Shutdown		196
BS CT1(A)	21	Reserve Shutdown	3/3/2024	0:45:00	3/3/2024	8:31:00	7.77			Reserve Shutdown		196
BS CT1(A)	22	Reserve Shutdown	3/3/2024	22:37:00	3/4/2024	8:12:00	9.58			Reserve Shutdown		196
BS CT1(A)	23	Maintenance Outa	3/4/2024	8:12:00	3/4/2024	23:10:00	14.97	0775	Economizer piping	Replace elbow on LP economizer on Unit 1A		196
BS CT1(A)	24	Reserve Shutdown	3/4/2024	23:10:00	3/6/2024	13:25:00	38.25					196
BS CT1(A)	25	Reserve Shutdown	3/10/2024	1:32:00	3/10/2024	4:11:00	2.65			Reserve Shutdown		196
BS CT1(A)	26	Reserve Shutdown	3/15/2024	0:19:00	3/15/2024	12:50:00	12.52			Reserve Shutdown		196
BS CT1(A)	27	Reserve Shutdown	3/19/2024	2:13:00	3/19/2024	16:39:00	14.43			Reserve Shutdown		196
BS CT1(A)	28	Reserve Shutdown	3/21/2024	8:41:00	3/21/2024	15:53:00	7.2			Reserve Shutdown		196
BS CT1(A)	29	Reserve Shutdown	3/23/2024	22:27:00	3/24/2024	18:16:00	19.82			Reserve Shutdown		196
BS CT1(A)	30	Reserve Shutdown	3/26/2024	20:54:00	3/27/2024	12:17:00	15.38			Reserve Shutdown		196
BS CT1(A)	31	Reserve Shutdown	3/28/2024	11:09:00	3/28/2024	18:45:00	7.6			Reserve Shutdown		196
BS CT1(A)	32	Reserve Shutdown	3/30/2024	1:06:00	3/30/2024	15:22:00	14.27			Reserve Shutdown		196

Tampa Electric Company
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March 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)	91	Reserve Shutdown	3/1/2024	0:00:00	3/1/2024	14:29:00	14.48			Reserve Shutdown		196
BS CT1(B)	92	Reserve Shutdown	3/2/2024	20:43:00	3/3/2024	13:08:00	16.42			Reserve Shutdown		196
BS CT1(B)	93	Reserve Shutdown	3/3/2024	22:05:00	3/7/2024	12:24:00	86.32			Reserve Shutdown		196
BS CT1(B)	94	Reserve Shutdown	3/7/2024	23:21:00	3/8/2024	12:46:00	13.42			Reserve Shutdown		196
BS CT1(B)	95	Reserve Shutdown	3/9/2024	0:01:00	3/9/2024	8:46:00	8.75			Reserve Shutdown		196
BS CT1(B)	96	Reserve Shutdown	3/9/2024	23:46:00	3/10/2024	7:33:00	6.78			Reserve Shutdown		196
BS CT1(B)	97	Reserve Shutdown	3/11/2024	0:07:00	3/11/2024	15:46:00	15.65			Reserve Shutdown		196
BS CT1(B)	98	Reserve Shutdown	3/11/2024	23:54:00	3/12/2024	13:27:00	13.55			Reserve Shutdown		196
BS CT1(B)	99	Reserve Shutdown	3/13/2024	0:18:00	3/14/2024	14:17:00	37.98			Reserve Shutdown		196
BS CT1(B)	100	Reserve Shutdown	3/15/2024	22:21:00	3/16/2024	14:15:00	15.9			Reserve Shutdown		196
BS CT1(B)	101	Reserve Shutdown	3/17/2024	0:20:00	3/18/2024	10:42:00	34.37			Reserve Shutdown		196
BS CT1(B)	102	Reserve Shutdown	3/19/2024	0:07:00	3/19/2024	16:02:00	15.92			Reserve Shutdown		196
BS CT1(B)	103	Reserve Shutdown	3/20/2024	9:35:00	3/20/2024	18:18:00	8.72			Reserve Shutdown		196
BS CT1(B)	104	Reserve Shutdown	3/22/2024	0:44:00	3/23/2024	17:05:00	40.35			Reserve Shutdown		196
BS CT1(B)	105	Reserve Shutdown	3/24/2024	22:07:00	3/26/2024	14:46:00	40.65			Reserve Shutdown		196
BS CT1(B)	106	Reserve Shutdown	3/27/2024	17:37:00	3/28/2024	8:16:00	14.65			Reserve Shutdown		196
BS CT1(B)	107	Reserve Shutdown	3/29/2024	0:54:00	3/30/2024	18:18:00	41.4			Reserve Shutdown		196
BS CT1(B)	108	Reserve Shutdown	3/30/2024	22:17:00	3/31/2024	23:59:00	25.72			Reserve Shutdown		196

Tampa Electric Company
Outage Listing
March 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)	98	Reserve Shutdown	3/3/2024	14:24:00	3/5/2024	20:54:00	54.5			Reserve Shutdown		196
BS CT1(C)	99	Reserve Shutdown	3/6/2024	22:11:00	3/7/2024	14:26:00	16.25			Reserve Shutdown		196
BS CT1(C)	100	Reserve Shutdown	3/11/2024	10:26:00	3/11/2024	17:11:00	6.75			Reserve Shutdown		196
BS CT1(C)	101	Reserve Shutdown	3/12/2024	9:25:00	3/12/2024	16:25:00	7			Reserve Shutdown		196
BS CT1(C)	102	Reserve Shutdown	3/13/2024	8:38:00	3/14/2024	7:17:00	22.65			Reserve Shutdown		196
BS CT1(C)	103	Reserve Shutdown	3/19/2024	23:49:00	3/20/2024	16:58:00	17.15			Reserve Shutdown		196
BS CT1(C)	104	Reserve Shutdown	3/21/2024	9:07:00	3/21/2024	17:53:00	8.77			Reserve Shutdown		196
BS CT1(C)	105	Reserve Shutdown	3/22/2024	22:08:00	3/23/2024	15:54:00	17.77			Reserve Shutdown		196
BS CT1(C)	106	Reserve Shutdown	3/24/2024	0:49:00	3/24/2024	16:31:00	15.7			Reserve Shutdown		196
BS CT1(C)	107	Reserve Shutdown	3/24/2024	23:19:00	3/25/2024	16:14:00	16.92			Reserve Shutdown		196
BS CT1(C)	108	Reserve Shutdown	3/25/2024	23:29:00	3/26/2024	13:54:00	14.42			Reserve Shutdown		196
BS CT1(C)	109	Reserve Shutdown	3/26/2024	21:38:00	3/27/2024	13:16:00	15.63			Reserve Shutdown		196
BS CT1(C)	110	Reserve Shutdown	3/29/2024	11:20:00	3/29/2024	18:04:00	6.73			Reserve Shutdown		196
BS CT1(C)	111	Reserve Shutdown	3/30/2024	23:36:00	3/31/2024	17:44:00	18.13			Reserve Shutdown		196
BS CT1(C)	37	Reserve Shutdown	3/31/2024	23:33:00	3/31/2024	23:59:00	0.45			Reserve Shutdown		196

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 ST 1	7	Unplanned (Forced) Outage - Immediate	3/3/2024	13:44:00	3/5/2024	20:24:00	54.67	4609	Other exciter problems	Unit 1 steam turbine forced outage due to differential in current on the generator pro	259	
BS ST 1	8	Reserve Shutdown	3/5/2024	20:24:00	3/6/2024	1:17:00	4.88				259	
BS ST 1	9	Unplanned (Forced) Outage - Immediate	3/6/2024	1:48:00	3/6/2024	3:17:00	1.48	4309	Other turbine instrument and control problem	Unit 1 steam turbine tripped on start up due to high vibration	259	

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(A)	12	Planned Outage	3/1/2024	0:00:00	3/31/2024	23:59:00	743 5250		Other controls and inst Unit 2 AGC Upgrades			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)	11	Planned Outage	3/1/2024	0:00:00	3/31/2024	23:59:00	743	5250	Other controls and instr Unit 2 AGC Upgrades			183

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 CT2(C)	12	Planned Outage	3/1/2024	0:00:00	3/31/2024	23:59:00	743	5250	Other controls and instrument Unit 2 AGC Upgrades			183

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 CT2(D)	14	Planned Outage	3/1/2024	0:00:00	3/31/2024	23:59:00	743	5250	Other controls and instr Unit 2 AGC Upgrades			183

Tampa Electric Company
Outage Listing
March 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 2	4	Planned Outage	3/1/2024	0:00:00	3/31/2024	23:59:00	743 4400		Major turbine overhaul (720 hours or longer)	Unit 2 steam turbine major outage		315

Tampa Electric Company
Outage Listing
March 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	1	Unplanned (Forced) Outage - Immediate	3/10/2024	3:55:00	3/12/2024	22:33:00	66.63	4700	Generator voltage control	Relay rolled for unknown reason. Inspections were performed with no root cause found.		350
BB CT5	2	Unplanned (Forced) Outage - Immediate	3/14/2024	7:03:00	3/17/2024	7:36:00	72.55	5240	Fire detection and extinguishing	Fire Protection trip (Zone 2 Bearing tunnel) Frayed wires discovered for the #2 bearing		350

Tampa Electric Company
Outage Listing
March 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
March 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	1	Unplanned (Forced) Derating - Immedi	3/10/2024	3:55:00	3/12/2024	22:33:00	66.63	3999	Other miscellaneous balance of	CT5 tripped. Steam turbine available for one on one.	149	419
BIG BEND ST1	2	Unplanned (Forced) Derating - Immedi	3/14/2024	7:05:00	3/17/2024	7:40:00	72.58	3999	Other miscellaneous balance of	CT5 tripped. Steam turbine available for one on one.	149	419

Tampa Electric Company
Outage Listing
March 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	22	Reserve Shutdown	3/1/2024	0:00:00	3/1/2024	8:42:00	8.7					180
Polk 2	23	Reserve Shutdown	3/1/2024	23:12:00	3/2/2024	12:49:00	13.62			Reserve Shutdown		180
Polk 2	24	Reserve Shutdown	3/2/2024	22:43:00	3/3/2024	13:00:00	14.28			Reserve Shutdown		180
Polk 2	25	Reserve Shutdown	3/7/2024	23:47:00	3/8/2024	13:44:00	13.95			Reserve Shutdown		180
Polk 2	26	Reserve Shutdown	3/11/2024	10:10:00	3/11/2024	17:24:00	7.23			Reserve Shutdown		180
Polk 2	27	Reserve Shutdown	3/12/2024	8:55:00	3/12/2024	17:10:00	8.25			Reserve Shutdown		180
Polk 2	28	Reserve Shutdown	3/13/2024	9:29:00	3/13/2024	17:18:00	7.82			Reserve Shutdown		180
Polk 2	29	Reserve Shutdown	3/14/2024	2:12:00	3/14/2024	12:43:00	10.52			Reserve Shutdown		180
Polk 2	30	Reserve Shutdown	3/15/2024	8:45:00	3/15/2024	17:18:00	8.55			Reserve Shutdown		180
Polk 2	31	Planned Outage	3/17/2024	11:08:00	3/25/2024	15:54:00	196.77	5270	Hot end inspection	Planned outage with critical path being CT gas path inspection and EBI, and oth		180
Polk 2	32	Reserve Shutdown	3/27/2024	1:29:00	3/27/2024	6:40:00	5.18			Reserve Shutdown		180
Polk 2	33	Unplanned (Forcec	3/28/2024	1:38:00	3/28/2024	2:38:00	1			During requested shutdown of the unit, we attempted a liquid fuel run. For this		180
Polk 2	34	Reserve Shutdown	3/28/2024	2:38:00	3/31/2024	14:28:00	83.83			Reserve Shutdown		180
Polk 2	35	Unplanned (Forcec	3/31/2024	22:51:00	3/31/2024	23:51:00	1	5044	Liquid fuel oil pump	During requested shutdown of the unit, attempted to perform liquid fuel run. Li		180
Polk 2	36	Reserve Shutdown	3/31/2024	23:51:00	3/31/2024	23:59:00	0.15			Reserve Shutdown		180

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
Polk 2 ST	10	Maintenance Derating	3/1/2024	0:00:00	3/7/2024	8:40:00	152.67	3999	Other miscellaneous balance of plant problem CT5 planned outage.		360	480
Polk 2 ST	11	Unplanned (Forced) Derating - Immedia	3/7/2024	8:44:00	3/7/2024	9:41:00	0.95	3999	Other miscellaneous balance of plant problem CT5 tripped on low fuel gas pressure, resulting in Polk 2 ST derate.		360	480
Polk 2 ST	12	Maintenance Derating	3/7/2024	10:49:00	3/13/2024	23:50:00	156.02	3999	Other miscellaneous balance of plant problem CT4 planned outage		341.25	480
Polk 2 ST	13	Maintenance Derating	3/17/2024	11:08:00	3/25/2024	15:54:00	196.77	3999	Other miscellaneous balance of plant problem CT2 planned outage		341.25	480
Polk 2 ST	14	Maintenance Derating	3/18/2024	22:48:00	3/19/2024	16:00:00	17.2	3999	Other miscellaneous balance of plant problem CT4 maintenance outage		341.25	480
Polk 2 ST	15	Unplanned (Forced) Derating - Immedia	3/19/2024	6:50:00	3/19/2024	8:42:00	1.87	3999	Other miscellaneous balance of plant problem Prior to HRSG5 boiler feed pump maintenance outage, issues with the HRSG5 boiler fe		420	480
Polk 2 ST	16	Maintenance Derating	3/19/2024	8:42:00	3/19/2024	16:00:00	7.3	3999	Other miscellaneous balance of plant problem HRSG5 boiler feed pump had high vibrations due to misalignment of the hydraulic couj		221.5	480
Polk 2 ST	17	Maintenance Derating	3/19/2024	16:00:00	3/22/2024	5:07:00	61.12	3999	Other miscellaneous balance of plant problem HRSG5 boiler feed pump had high vibrations due to misalignment of the hydraulic couj		221.5	480
Polk 2 ST	18	Unplanned (Forced) Derating - Immedia	3/20/2024	16:43:00	3/20/2024	17:40:00	0.95	3999	Other miscellaneous balance of plant problem During CT4 startup in combined cycle, HP intermittent blowdown valve would not open		360.25	480
Polk 2 ST	19	Unplanned (Forced) Derating - Immedia	3/23/2024	16:24:00	3/23/2024	17:14:00	0.83	3999	Other miscellaneous balance of plant problem During CT5 startup in combined cycle, HP intermittent blowdown valve would not open		341.25	480
Polk 2 ST	20	Unplanned (Forced) Derating - Immedia	3/25/2024	20:45:00	3/26/2024	15:46:00	19.02	3999	Other miscellaneous balance of plant problem CT3 forced outage		360.25	480

Tampa Electric Company
Outage Listing
March 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	14	Reserve Shutdown	3/6/2024	23:48:00	3/7/2024	14:36:00	14.8		Reserve Shutdown			180
Polk 3	15	Unplanned (Forced) i	3/25/2024	20:45:00	3/26/2024	15:46:00	19.02	5299	Other miscellaneous gas turbine i	Due to a ground on one turbine compartment vent fan, the fan was shut off. On visual i		180

Tampa Electric Company
Outage Listing
March 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	23	Planned Outage	3/7/2024	10:50:00	3/13/2024	23:50:00	156	5084	High pressure casing/expansion joint	Planned outage with critical path being GE laser scan of turbine compartment to prepar		180
Polk 4	24	Reserve Shutdown	3/13/2024	23:50:00	3/14/2024	8:30:00	8.67					180
Polk 4	25	Reserve Shutdown	3/17/2024	22:20:00	3/18/2024	7:58:00	9.63			Reserve Shutdown		180
Polk 4	26	Maintenance Out	3/18/2024	22:48:00	3/19/2024	16:00:00	17.2	5261	Gas turbine/compressor washing	A maintenance outage was granted to repair a leaking water wash valve. The water wash		180
Polk 4	27	Reserve Shutdown	3/19/2024	16:00:00	3/20/2024	16:32:00	24.53					180
Polk 4	28	Reserve Shutdown	3/20/2024	16:43:00	3/20/2024	17:40:00	0.95			Reserve Shutdown		180
Polk 4	29	Reserve Shutdown	3/20/2024	22:33:00	3/21/2024	15:09:00	16.6			Reserve Shutdown		180
Polk 4	30	Reserve Shutdown	3/21/2024	23:27:00	3/22/2024	6:41:00	7.23			Reserve Shutdown		180
Polk 4	31	Reserve Shutdown	3/23/2024	23:25:00	3/24/2024	15:50:00	16.42			Reserve Shutdown		180
Polk 4	32	Reserve Shutdown	3/27/2024	21:25:00	3/28/2024	16:43:00	19.3			Reserve Shutdown		180
Polk 4	33	Reserve Shutdown	3/28/2024	22:46:00	3/29/2024	15:54:00	17.13			Reserve Shutdown		180
Polk 4	34	Reserve Shutdown	3/29/2024	23:24:00	3/30/2024	14:13:00	14.82			Reserve Shutdown		180
Polk 4	35	Reserve Shutdown	3/31/2024	1:15:00	3/31/2024	12:04:00	10.82			Reserve Shutdown		180

Tampa Electric Company
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March 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	27	Planned Outage	3/1/2024	0:00:00	3/7/2024	8:39:00	152.65	5240	Fire detection and extinguishing sys	CT5 planned outage. Critical paths are semiannual fire system inspections, and investi		180
Polk 5	28	Unplanned (Forced) Outage - Immediat	3/7/2024	8:44:00	3/7/2024	9:42:00	0.97	5041	Fuel piping and valves	Manual gas fuel isolation valve to the unit was left closed during return to service w		180
Polk 5	29	Reserve Shutdown	3/13/2024	0:35:00	3/13/2024	13:15:00	12.67			Reserve Shutdown		180
Polk 5	30	Reserve Shutdown	3/15/2024	21:53:00	3/16/2024	10:17:00	12.4			Reserve Shutdown		180
Polk 5	31	Reserve Shutdown	3/19/2024	8:43:00	3/22/2024	5:07:00	68.4			Reserve Shutdown		180
Polk 5	32	Reserve Shutdown	3/23/2024	1:01:00	3/23/2024	16:15:00	15.23			Reserve Shutdown		180
Polk 5	33	Reserve Shutdown	3/23/2024	16:25:00	3/23/2024	17:14:00	0.82			Reserve Shutdown		180
Polk 5	34	Reserve Shutdown	3/24/2024	23:59:00	3/25/2024	14:45:00	14.77			Reserve Shutdown		180
Polk 5	35	Reserve Shutdown	3/28/2024	22:20:00	3/29/2024	16:38:00	18.3			Reserve Shutdown		180
Polk 5	36	Reserve Shutdown	3/30/2024	8:44:00	3/30/2024	16:58:00	8.23			Reserve Shutdown		180
Polk 5	37	Reserve Shutdown	3/31/2024	8:25:00	3/31/2024	15:55:00	7.5			Reserve Shutdown		180

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	95.1	47.8	95.3	99.7		92.6
2. Period Hours	PH	744.0	696.0	742.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0		8,039.0
3. Service Hours	SH	574.9	394.6	682.0	720.0	744.0	720.0	671.1	700.0	358.1	659.5	721.0		6,945.2
4. Reserve Shutdown Hours	RSH	129.6	296.8	41.4	0.0	0.0	0.0	0.9	7.7	0.0	69.0	0.0		545.4
5. Unavailable Hours	UH	39.5	4.6	20.6	0.0	5.8	5.4	72.0	36.3	376.1	15.5	2.1		577.9
6. Planned Outage Hours	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	367.9	3.9	0.0		371.8
7. Forced Outage Hours	FOH	0.7	0.1	17.2	0.0	5.8	5.4	0.0	23.9	8.2	1.5	0.0		62.8
8. Maintenance Outage Hours	MOH	38.9	4.6	3.5	0.0	0.0	0.0	72.0	12.4	0.0	10.2	2.1		143.7
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	144.7	0.0		144.7
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	100.0	0.0		100.0
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0		0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
12. Net Summer Continuous Rating (MW)	NSC	749.0	749.0	749.0	749.0	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	2,254.5	1,080.0	2,396.8	2,726.8		20,990.0
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	311,663.2	156,623.1	339,829.4	382,700.1		2,880,364.3
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	7,234.0	6,895.0	7,053.0	7,125.0		7,287.3
16. Net Output Factor (%)	NOF	29.9	39.5	45.5	46.9	64.7	46.9	56.3	59.4	58.4	68.8	70.9		53.5
17. Net Period Continuous Rating (MW)	NPC	847.0	847.0	847.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0	749.0		775.7
18. Avg. Net Operating Heat Rate Equation	ANOHR = NOF (-7.989) + 7,921													

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

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ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 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	-0.1	0.0	18.5	91.6	98.7	99.6	99.8	66.2	5.6		56.5
2. Period Hours	PH	744.0	696.0	742.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0		8,039.0
3. Service Hours	SH	271.6	333.9	0.0	0.0	34.1	533.7	744.0	744.0	720.0	4.9	0.0		3,386.2
4. Reserve Shutdown Hours	RSH	445.7	0.0	1.0	0.0	103.3	125.9	0.0	0.0	0.0	487.4	39.3		1,202.6
5. Unavailable Hours	UH	26.7	395.1	743.0	720.0	606.6	60.5	9.6	3.2	1.3	251.7	680.8		3,498.5
6. Planned Outage Hours	POH	26.7	395.1	743.0	720.0	593.6	13.9	0.0	0.0	0.0	0.0	158.5		2,650.8
7. Forced Outage Hours	FOH	0.0	0.0	0.0	0.0	0.0	0.0	6.9	3.2	1.3	243.4	236.0		490.8
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	12.9	46.6	2.7	0.0	0.0	8.3	286.2		356.7
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
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
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0		0.0
11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
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
13. Operating British Thermal Units (GBTU)	OPR BTU	625.2	792.5	0.0	0.0	87.0	2,168.4	3,165.7	2,837.3	3,268.0	7.6	0.0		12,951.7
14. Net Generation (MWH)	NETGEN	79,318.7	104,465.8	-825.0	-720.0	6,688.0	307,243.0	438,955.5	391,743.9	452,081.9	-859.3	-1,489.2		1,776,603.3
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	7,243.0	7,229.0	0.0	0.0		7,290.2
16. Net Output Factor (%)	NOF	27.9	29.9	0.0	0.0	21.1	62.0	59.1	52.7	62.9	0.0	0.0		52.8
17. Net Period Continuous Rating (MW)	NPC	1,047.0	1,047.0	1,047.0	929.0	929.0	929.0	999.0	999.0	999.0	999.0	999.0		993.0
18. Avg. Net Operating Heat Rate Equation	ANOHR = NOF (-10.936) + 8,068													

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

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
3	1. Equivalent Availability Factor (%)	EAF	100.0	100.0	89.6	89.5	81.7	82.3	91.7	100.0	90.3	75.8	83.6	89.5
	2. Period Hours	PH	744.0	696.0	742.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	8,039.0
	3. Service Hours	SH	744.0	696.0	743.0	711.6	741.0	712.1	744.0	744.0	712.4	667.7	715.2	7,931.0
	4. Reserve Shutdown Hours	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5. Unavailable Hours	UH	0.0	0.0	43.5	64.1	74.6	85.1	40.5	0.2	69.8	180.0	118.5	676.3
	6. Planned Outage Hours	POH	0.0	0.0	0.0	64.1	74.0	67.0	0.0	0.0	60.4	114.9	0.0	380.4
	7. Forced Outage Hours	FOH	0.0	0.0	43.5	0.0	0.0	7.5	0.4	0.2	9.3	65.1	118.5	244.5
	8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	0.7	10.6	40.1	0.0	0.0	0.0	0.0	51.4
	9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	49.3	234.7	202.1	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	225.1
	10a. Partial Forced Outage Hours	PFOH	0.0	0.0	139.2	0.0	34.3	0.0	0.0	0.0	0.0	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	0.0	0.0	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	0.0	0.0	0.0	0.0	149.3
	11b. Load Reduction Partial Maintenance (MW)	LRPM	0.0	0.0	0.0	0.0	0.0	190.0	190.0	0.0	0.0	0.0	0.0	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	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	4,187.9	3,884.3	2,417.1	3,067.7	39,701.7
	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	663,439.4	561,960.1	271,193.0	452,481.0	6,000,747.7
	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	6,312.0	6,912.0	8,913.0	6,780.0	6,616.1
16. Net Output Factor (%)	NOF	81.4	76.4	71.7	68.1	67.1	67.5	81.5	84.5	74.8	38.5	60.0	70.6	
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	1,055.0	1,055.0	1,055.0	1,055.0	1,072.5	
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

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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	98.7	99.0	99.3	83.3		93.4
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0		8,040.0
3. Service Hours	SH	744.0	671.4	743.0	720.0	652.3	720.0	744.0	744.0	713.6	744.0	685.4		7,881.7
4. Reserve Shutdown Hours	RSH	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0		24.6
5. Unavailable Hours	UH	10.7	3.6	81.7	3.5	94.9	0.0	51.6	5.2	2.8	0.6	76.1		330.7
6. Planned Outage Hours	POH	0.0	0.2	75.8	0.0	0.0	0.0	39.6	0.0	0.0	0.0	69.8		185.4
7. Forced Outage Hours	FOH	0.4	0.0	3.3	0.0	94.9	0.0	11.9	4.3	2.8	0.6	1.5		119.7
8. Maintenance Outage Hours	MOH	10.3	3.4	2.6	3.5	0.0	0.0	0.0	0.8	0.0	0.0	4.8		25.4
9a. Partial Planned Outage Hours	PPOH	0.0	23.7	506.5	24.5	0.0	0.0	280.4	5.9	36.3	23.4	348.7		1,249.4
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	120.0	172.7	119.7	0.0	0.0	119.8	119.9	119.8	119.8	131.3		144.5
10a. Partial Forced Outage Hours	PFOH	81.1	62.8	23.6	0.0	6.8	20.8	70.6	32.3	1.0	18.6	10.5		328.1
10b. Load Reduction Partial Forced (MW)	LRPF	32.8	120.0	115.6	0.0	119.8	29.9	180.8	128.9	118.8	119.8	119.8		106.4
11a. Partial Maintenance Outage Hours	PMOH	68.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		68.7
11b. Load Reduction Partial Maintenance (MW)	LRPM	120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		120.0
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
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	4,036.3	3,988.5	4,116.3	3,043.7		37,666.7
14. Net Generation (MWH)	NETGEN	466,423.0	364,118.0	414,206.0	455,131.0	411,516.0	487,900.0	505,415.1	566,859.0	549,409.0	577,289.0	422,240.0		5,220,506.1
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	7,120.0	7,260.0	7,130.0	7,208.0		7,215.2
16. Net Output Factor (%)	NOF	52.2	45.2	46.5	59.6	59.5	63.9	64.0	71.8	72.6	73.1	58.1		60.3
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		1,098.9
18. Avg. Net Operating Heat Rate Equation	ANOHR = NOF (-16.071) + 8,234													

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

Tampa Electric Company
Outage Listing
November 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)	207	Reserve Shutdown	11/21/2024	0:51:00	11/21/2024	5:45:00	4.9			Reserve Shutdown		168
BS CT1(A)	208	Maintenance Outage	11/21/2024	5:45:00	11/21/2024	15:13:00	9.47	1700	Feedwater controls (report local controls - feedwater pump, feedwater regulator valve, etc., - with component or system)	Unit 1A MOV repair		168
BS CT1(A)	209	Reserve Shutdown	11/21/2024	15:13:00	11/21/2024	16:05:00	0.87					168
BS CT1(A)	210	Reserve Shutdown	11/25/2024	8:37:00	11/26/2024	16:08:00	31.52			Reserve Shutdown		168
BS CT1(A)	211	Reserve Shutdown	11/28/2024	1:47:00	11/28/2024	12:00:00	10.22					168

Tampa Electric Company
Outage Listing
November 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)	347	Reserve Shutdown	11/6/2024	14:18:00	11/6/2024	16:02:00	1.73			Reserve Shutdown		168
BS CT1(B)	348	Reserve Shutdown	11/14/2024	0:23:00	11/14/2024	1:04:00	0.68			Reserve Shutdown		168
BS CT1(B)	349	Reserve Shutdown	11/16/2024	7:52:00	11/16/2024	15:09:00	7.28			Reserve Shutdown		168
BS CT1(B)	350	Reserve Shutdown	11/18/2024	23:56:00	11/19/2024	16:17:00	16.35			Reserve Shutdown		168
BS CT1(B)	351	Reserve Shutdown	11/23/2024	10:01:00	11/24/2024	15:33:00	29.53			Reserve Shutdown		168
BS CT1(B)	352	Reserve Shutdown	11/26/2024	8:49:00	11/27/2024	13:57:00	29.13					168

Tampa Electric Company
Outage Listing
November 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)	217	Reserve Shutdown	11/13/2024	2:26:00	11/14/2024	14:56:00	36.5			Reserve Shutdown		168
BS CT1(C)	218	Reserve Shutdown	11/16/2024	9:21:00	11/16/2024	16:49:00	7.47					168
BS CT1(C)	219	Reserve Shutdown	11/20/2024	1:31:00	11/20/2024	13:29:00	11.97			Reserve Shutdown		168
BS CT1(C)	220	Reserve Shutdown	11/22/2024	10:23:00	11/23/2024	15:25:00	29.03			Reserve Shutdown		168
BS CT1(C)	221	Reserve Shutdown	11/27/2024	8:32:00	11/27/2024	16:22:00	7.83			Reserve Shutdown		168
BS CT1(C)	222	Reserve Shutdown	11/28/2024	7:48:00	11/28/2024	15:55:00	8.12			Reserve Shutdown		168

Tampa Electric Company
Outage Listing
November 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
November 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)	108	Reserve Shutdown	11/1/2024	0:00:00	11/3/2024	10:50:00	59.83			Reserve Shutdown		168
BS CT2(A)	109	Maintenance Outage	11/3/2024	10:50:00	11/8/2024	4:20:00	113.5	3999	Other miscellaneous balance of plant problems	Inspecting steam headers as part of ST2 HP turbine failure		168
BS CT2(A)	110	Planned Outage	11/8/2024	4:20:00	11/18/2024	0:00:00	235.67	5274	General unit inspection	Unit 2 Fall outage HRSG repair work		168
BS CT2(A)	111	Maintenance Outage	11/18/2024	0:00:00	11/30/2024	23:59:00	312	3999	Other miscellaneous balance of plant problems	Inspecting steam headers as part of ST2 HP turbine failure		168

Tampa Electric Company
Outage Listing
November 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)	126	Reserve Shutdown	11/1/2024	0:00:00	11/3/2024	10:50:00	59.83			Reserve Shutdown		168
BS CT2(B)	127	Maintenance Outage	11/3/2024	10:50:00	11/8/2024	4:20:00	113.5	3999	Other miscellaneous balance of plant problems	Inspecting steam headers as part of ST2 HP turbine failure		168
BS CT2(B)	128	Planned Outage	11/8/2024	4:20:00	11/18/2024	0:00:00	235.67	5274	General unit inspection	Unit 2 Fall outage HRSG repair work		168
BS CT2(B)	129	Maintenance Outage	11/18/2024	0:00:00	11/30/2024	23:59:00	312	3999	Other miscellaneous balance of plant problems	Inspecting steam headers as part of ST2 HP turbine failure		168

Tampa Electric Company
Outage Listing
November 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)	149	Reserve Shutdown	11/1/2024	0:00:00	11/3/2024	10:50:00	59.83					168
BS CT2(C)	150	Maintenance Outage	11/3/2024	10:50:00	11/8/2024	4:20:00	113.5	3999	Other miscellaneous balance of plant problems	Inspecting steam headers as part of ST2 HP turbine failure		168
BS CT2(C)	151	Planned Outage	11/8/2024	4:20:00	11/18/2024	0:00:00	235.67	5274	General unit inspection	Unit 2 Fall outage HRSG repair work		168
BS CT2(C)	152	Maintenance Outage	11/18/2024	0:00:00	11/30/2024	23:59:00	312	3999	Other miscellaneous balance of plant problems	Inspecting steam headers as part of ST2 HP turbine failure		168

Tampa Electric Company
Outage Listing
November 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)	165	Reserve Shutdown	11/1/2024	0:00:00	11/3/2024	10:50:00	59.83					168
BS CT2(D)	166	Maintenance Outage	11/3/2024	10:50:00	11/8/2024	4:20:00	113.5	3999	Other miscellaneous balance of plant problems	Inspecting steam headers as part of ST2 HP turbine failure		168
BS CT2(D)	167	Planned Outage	11/8/2024	4:20:00	11/18/2024	0:00:00	235.67	5274	General unit inspection	Unit 2 Fall outage HRSG repair work		168
BS CT2(D)	168	Maintenance Outage	11/18/2024	0:00:00	11/30/2024	23:59:00	312	3999	Other miscellaneous balance of plant problems	Inspecting steam headers as part of ST2 HP turbine failure		168

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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	36	Unplanned (Forced) Outage - Immediate	11/1/2024	0:00:00	11/30/2024	23:59:00	721	4012	Buckets or blades	Unit 2 ST tripped on high vibration due to HP turbine failureNote: Turbine had a fai		327

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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
BB CT5	26	Unplanned (Forced) Outage - Immediate	11/11/2024	0:00:00	#####	16:55:00	257.92	4730	Generator current and potential transformers	41DC breaker failed to disengage during an under-excitation event, causing an Exciter		360
BB CT5	27	Reserve Shutdown	11/12/2024	0:39:00	#####	1:20:00	0.68			Reserve Shutdown		360
BB CT5	28	Unplanned (Forced) Outage - Immediate	11/12/2024	1:46:00	#####	11:11:00	9.42	0800	Drums and drum internals (single drum only)	Operator missed the HP drum level going high while attempting to merge.		360
BB CT5	29	Reserve Shutdown	11/17/2024	9:25:00	#####	9:56:00	0.52			Reserve Shutdown		360
BB CT5	30	Unplanned (Forced) Outage - Immediate	11/28/2024	21:38:00	#####	8:26:00	10.8	3641	AC Circuit breakers	Operator opened the wrong breaker while testing the SDG, causing multiple electric fai		360

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Event		Event Begin	Event Begin	Event End	Event End	Event	Cause					Net Available	Net Dependable
Unit	Number	Event Type	Date	Time	Date	Time	Duration	Code	Cause Code Description	Narrative		Capacity	Capacity
BB CT6	31	Reserve Shutdown	11/18/2024	8:28:00	#####	9:35:00	1.12			Reserve Shutdown			360
BB CT6	32	Unplanned (Forced) Outage - Immediate	11/25/2024	2:55:00	#####	7:37:00	4.7	4700	Generator voltage control	Unit taken down to replace faulted relay.			360

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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 ST1	27	Unplanned (Forced) Outage - Immediate	11/14/2024	15:39:00	11/17/2024	12:48:00	69.15	4730	Generator current and potential transformers	Faulty wiring on a CT caused a trip on the generator protection relay.		335
BIG BEND ST1	28	Reserve Shutdown	11/17/2024	12:48:00	11/17/2024	12:49:00	0.02			Reserve Shutdown		335

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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	317	Unplanned (Forced) Outage - Immediate	11/9/2024	2:53:00	11/9/2024	3:03:00	0:17	5041	Fuel piping and valves	While swapping to liquid fuel, CT tripped on high exhaust spreads just after completio		150
Polk 2	318	Reserve Shutdown	11/9/2024	3:03:00	11/9/2024	14:12:00	11.15			Reserve Shutdown		150
Polk 2	319	Maintenance Outage	11/21/2024	0:21:00	11/22/2024	9:58:00	33.62	5049	Other fuel system problems	Maintenance outage for repair of liquid fuel system components, most importantly can 1		150
Polk 2	320	Reserve Shutdown	11/22/2024	9:58:00	11/22/2024	15:36:00	5.63					150
Polk 2	321	Reserve Shutdown	11/25/2024	8:53:00	11/25/2024	17:01:00	8.13			Reserve Shutdown		150
Polk 2	322	Reserve Shutdown	11/29/2024	11:11:00	11/30/2024	17:36:00	30.42			Reserve Shutdown		150

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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	98	Planned Derating	11/12/2024	21:41:00	11/26/2024	18:23:00	332.7	3999	Other miscellaneous balance of plant problems	CT4 planned outage derates steam turbine.	341.25	461
Polk 2 ST	99	Unplanned (Forced) Derating - Immediate	11/16/2024	15:54:00	11/17/2024	2:22:00	10.47	3999	Other miscellaneous balance of plant problems	CT5 failure to start derates steam turbine.	341.25	461
Polk 2 ST	100	Planned Derating	11/21/2024	0:21:00	11/22/2024	9:58:00	33.62	3999	Other miscellaneous balance of plant problems	CT2 maintenance outage derates steam turbine.	341.25	461
Polk 2 ST	101	Planned Derating	11/28/2024	20:24:00	11/29/2024	12:21:00	15.95	3999	Other miscellaneous balance of plant problems	CT3 planned outage derates steam turbine.	341.25	461
Polk 2 ST	102	Planned Outage	11/29/2024	12:21:00	11/30/2024	23:59:00	35.65			Planned outage with major scopes being upgrading DCS virtual machine host management s		461

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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	115	Reserve Shutdown	11/4/2024	7:02:00	11/4/2024	13:36:00	6.57			Reserve Shutdown		150
Polk 3	116	Reserve Shutdown	11/19/2024	1:12:00	11/19/2024	13:36:00	12.4			Reserve Shutdown		150
Polk 3	117	Reserve Shutdown	11/28/2024	1:29:00	11/28/2024	14:32:00	13.05			Reserve Shutdown		150
Polk 3	118	Planned Outage	11/28/2024	20:24:00	11/30/2024	23:59:00	51.6	8720	NOx analyzer problems	Driver behind planned outage is to upgrade CEMS hardware and software due to end of li		150

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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	213	Reserve Shutdown	11/5/2024	3:43:00	11/5/2024	14:06:00	10.38			Reserve Shutdown		150
Polk 4	214	Planned Outage	11/12/2024	21:41:00	11/26/2024	18:23:00	332.7	8720	NOx analyzer problems	Driver behind planned outage is to upgrade CEMS hardware and software due to end of li		150
Polk 4	215	Reserve Shutdown	11/26/2024	18:23:00	11/29/2024	16:55:00	70.53			Reserve Shutdown		150
Polk 4	216	Reserve Shutdown	11/29/2024	23:35:00	11/30/2024	23:59:00	24.42			Reserve Shutdown		150

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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	200	Reserve Shutdown	11/16/2024	8:33:00	11/16/2024	15:54:00	7.35					150
Polk 5	201	Startup Failure	11/16/2024	15:54:00	11/17/2024	2:22:00	10.47	3664	4000-7000 volt protection devices	LCI 89SS reversing contactor set stuck during attempted unit startup. This prevented t		150
Polk 5	202	Reserve Shutdown	11/17/2024	2:22:00	11/18/2024	15:46:00	37.4					150
Polk 5	203	Reserve Shutdown	11/23/2024	8:31:00	11/23/2024	16:05:00	7.57			Reserve Shutdown		150
Polk 5	204	Reserve Shutdown	11/24/2024	8:40:00	11/25/2024	1:27:00	16.78			Reserve Shutdown		150
Polk 5	205	Reserve Shutdown	11/26/2024	7:19:00	11/26/2024	15:33:00	8.23			Reserve Shutdown		150
Polk 5	206	Reserve Shutdown	11/27/2024	1:10:00	11/27/2024	16:19:00	15.15					150
Polk 5	207	Reserve Shutdown	11/29/2024	23:50:00	11/30/2024	7:29:00	7.65			Reserve Shutdown		150
Polk 5	208	Reserve Shutdown	11/30/2024	9:36:00	11/30/2024	23:59:00	14.4			Reserve Shutdown		150