



September 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 August, 2024.

In addition, attached are Tampa Electric Company's revised GPIF Actual Unit Performance Data Schedules as follows:

- February Polk 2 CC GPIF and the Polk 2 ST Outage
- March Polk 2 CC GPIF and the Polk 2 ST Outage
- April Polk 2 CC GPIF and the Polk 2 ST Outage
- July Polk 2 CC GPIF and the Polk 2 ST Outage

Thank you for your assistance in connection with this matter.

Sincerely,

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

Malcolm N. Means

MNM/bml
Attachment

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

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Schedules, filed on behalf of Tampa Electric Company, have been furnished by electronic mail on this 25th day of September 2024 to the following:

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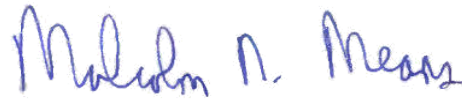
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ATTORNEY

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2024 - DECEMBER 2024

PLANT/UNIT		MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	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					96.8
2. Period Hours	PH	744.0	696.0	742.0	720.0	744.0	720.0	744.0	744.0					5,854.0
3. Service Hours	SH	574.9	394.6	682.0	720.0	744.0	720.0	671.1	700.0					5,206.6
4. Reserve Shutdown Hours	RSH	129.6	296.8	41.4	0.0	0.0	0.0	0.9	7.7					476.4
5. Unavailable Hours	UH	39.5	4.6	20.6	0.0	5.8	5.4	72.0	36.3					184.2
6. Planned Outage Hours	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.0
7. Forced Outage Hours	FOH	0.7	0.1	17.2	0.0	5.8	5.4	0.0	23.9					53.1
8. Maintenance Outage Hours	MOH	38.9	4.6	3.5	0.0	0.0	0.0	72.0	12.4					131.4
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.0
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
10a. Partial Forced Outage Hours	PFOH	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
11a. Partial Maintenance Outage Hours	PMOH	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
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
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					14,786.4
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					2,001,211.7
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					7,388.7
16. Net Output Factor (%)	NOF	29.9	39.5	45.5	46.9	64.7	46.9	46.9	46.9					48.9
17. Net Period Continuous Rating (MW)	NPC	847.0	847.0	847.0	749.0	749.0	749.0	749.0	749.0					785.8
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-7.989) + 7,921												

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

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2024 - DECEMBER 2024

PLANT/UNIT		MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD	
BAYSIDE 2		Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	2024
1. Equivalent Availability Factor (%)	EAF	96.4	43.2	-0.1	0.0	18.5	91.6	98.7	99.6					56.2
2. Period Hours	PH	744.0	696.0	742.0	720.0	744.0	720.0	744.0	744.0					5,854.0
3. Service Hours	SH	271.6	333.9	0.0	0.0	34.1	533.7	744.0	744.0					2,661.3
4. Reserve Shutdown Hours	RSH	445.7	0.0	1.0	0.0	103.3	125.9	0.0	0.0					675.9
5. Unavailable Hours	UH	26.7	395.1	743.0	720.0	606.6	60.5	9.6	3.2					2,564.7
6. Planned Outage Hours	POH	26.7	395.1	743.0	720.0	593.6	13.9	0.0	0.0					2,492.3
7. Forced Outage Hours	FOH	0.0	0.0	0.0	0.0	0.0	0.0	6.9	3.2					10.1
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	12.9	46.6	2.7	0.0					62.2
9a. Partial Planned Outage Hours	PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.0
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
10a. Partial Forced Outage Hours	PFOH	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
11a. Partial Maintenance Outage Hours	PMOH	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
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
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					9,676.1
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					1,326,869.9
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					7,292.4
16. Net Output Factor (%)	NOF	27.9	29.9	0.0	0.0	21.1	62.0	59.1	52.7					50.3
17. Net Period Continuous Rating (MW)	NPC	1,047.0	1,047.0	1,047.0	929.0	929.0	929.0	999.0	999.0					990.8
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-10.936) + 8,068												

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

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2024 - DECEMBER 2024

PLANT/UNIT		MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD	
BIG BEND 1 CC		Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	2024
1. Equivalent Availability Factor (%)	EAF	100.0	100.0	89.6	89.5	81.7	82.3	91.7	100.0					91.9
2. Period Hours	PH	744.0	696.0	742.0	720.0	744.0	720.0	744.0	744.0					5,854.0
3. Service Hours	SH	744.0	696.0	743.0	711.6	741.0	712.1	744.0	744.0					5,835.7
4. Reserve Shutdown Hours	RSH	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					308.0
6. Planned Outage Hours	POH	0.0	0.0	0.0	64.1	74.0	67.0	0.0	0.0					205.1
7. Forced Outage Hours	FOH	0.0	0.0	43.5	0.0	0.0	7.5	0.4	0.2					51.6
8. Maintenance Outage Hours	MOH	0.0	0.0	0.0	0.0	0.7	10.6	40.1	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					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					225.1
10a. Partial Forced Outage Hours	PFOH	0.0	0.0	139.2	0.0	34.3	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					250.2
11a. Partial Maintenance Outage Hours	PMOH	0.0	0.0	0.0	0.0	0.0	31.9	117.4	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					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
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					30,332.5
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					4,715,113.6
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					6,433.0
16. Net Output Factor (%)	NOF	81.4	76.4	71.7	68.1	67.1	67.5	81.5	84.5					74.9
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					1,079.0
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-2.640) + 6,715												



ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2024 - DECEMBER 2024

PLANT/UNIT		MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD	
POLK 2		Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	2024
1. Equivalent Availability Factor (%)	EAF	97.3	98.2	78.9	99.1	87.1	99.9	87.2	98.7					93.1
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0					5,855.0
3. Service Hours	SH	744.0	671.4	743.0	720.0	652.3	720.0	744.0	744.0					5,738.7
4. Reserve Shutdown Hours	RSH	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0					21.0
5. Unavailable Hours	UH	10.7	3.6	81.7	3.5	94.9	0.0	51.6	5.2					251.2
6. Planned Outage Hours	POH	0.0	0.2	75.8	0.0	0.0	0.0	39.6	0.0					115.6
7. Forced Outage Hours	FOH	0.4	0.0	3.3	0.0	94.9	0.0	11.9	4.3					114.8
8. Maintenance Outage Hours	MOH	10.3	3.4	2.6	3.5	0.0	0.0	0.0	0.8					20.6
9a. Partial Planned Outage Hours	PPOH	0.0	23.7	506.5	24.5	0.0	0.0	280.4	5.9					841.0
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	120.0	172.7	119.7	0.0	0.0	119.8	119.9					151.7
10a. Partial Forced Outage Hours	PFOH	81.1	62.8	23.6	0.0	6.8	20.8	70.6	32.3					298.0
10b. Load Reduction Partial Forced (MW)	LRPF	32.8	120.0	115.6	0.0	119.8	29.9	180.8	128.9					105.0
11a. Partial Maintenance Outage Hours	PMOH	68.7	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					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
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					26,518.2
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					3,671,568.1
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					7,222.6
16. Net Output Factor (%)	NOF	52.2	45.2	46.5	59.6	59.5	63.9	64.0	71.8					57.5
17. Net Period Continuous Rating (MW)	NPC	1,200.0	1,200.0	1,200.0	1,061.0	1,061.0	1,061.0	1,061.0	1,061.0					1,113.1
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-16.071) + 8,234												

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

Tampa Electric Company
Outage Listing
August 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)	78	Maintenance Outage	8/1/2024	0:00:00	8/1/2024	16:25:00	16.42	3999	Other miscellaneous ba	CT down due to crack being repaired on main steam drain line at steam turbine		168
BS CT1(A)	79	Reserve Shutdown	8/1/2024	16:25:00	8/2/2024	15:06:00	22.68			Reserve Shutdown		168
BS CT1(A)	80	Unplanned (Forced)	8/2/2024	15:08:00	8/2/2024	15:15:00	0.12	4810	Generator output break	Unit CT1A had a generator breaker trip. Able to resync and come back online.		168
BS CT1(A)	81	Reserve Shutdown	8/5/2024	0:09:00	8/5/2024	6:40:00	6.52			Reserve Shutdown		168
BS CT1(A)	82	Reserve Shutdown	8/19/2024	0:35:00	8/19/2024	16:19:00	15.73			Reserve Shutdown		168
BS CT1(A)	83	Reserve Shutdown	8/20/2024	21:29:00	8/21/2024	16:34:00	19.08			Reserve Shutdown		168
BS CT1(A)	84	Reserve Shutdown	8/23/2024	21:01:00	8/24/2024	11:22:00	14.35			Reserve Shutdown		168
BS CT1(A)	85	Reserve Shutdown	8/30/2024	17:46:00	8/31/2024	4:30:00	10.73			Reserve Shutdown		168
BS CT1(A)	86	Unplanned (Forced)	8/31/2024	4:30:00	8/31/2024	23:59:00	19.5	3999	Other miscellaneous ba	Unit 1 ST tripped due to wiring issue. Unit 1 CTs unavailable until issue was found		168

Tampa Electric Company
Outage Listing
August 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)	100	Maintenance Outa	8/1/2024	0:00:00	8/1/2024	16:53:00	16.88	3999	Other miscellaneous ba	CT down due to crack being repaired on main steam drain line at steam turbine	168	168
BS CT1(B)	101	Reserve Shutdown	8/3/2024	22:27:00	8/4/2024	9:25:00	10.97			Reserve Shutdown	168	168
BS CT1(B)	102	Reserve Shutdown	8/10/2024	0:42:00	8/10/2024	16:17:00	15.58			Reserve Shutdown	168	168
BS CT1(B)	103	Reserve Shutdown	8/14/2024	21:54:00	8/15/2024	14:12:00	16.3			Reserve Shutdown	168	168
BS CT1(B)	104	Reserve Shutdown	8/15/2024	21:24:00	8/16/2024	12:50:00	15.43			Reserve Shutdown	168	168
BS CT1(B)	105	Reserve Shutdown	8/17/2024	0:58:00	8/17/2024	8:15:00	7.28			Reserve Shutdown	168	168
BS CT1(B)	106	Reserve Shutdown	8/18/2024	1:16:00	8/18/2024	14:03:00	12.78			Reserve Shutdown	168	168
BS CT1(B)	107	Reserve Shutdown	8/23/2024	19:52:00	8/24/2024	16:57:00	21.08			Reserve Shutdown	168	168
BS CT1(B)	108	Reserve Shutdown	8/30/2024	19:27:00	8/31/2024	4:30:00	9.05			Reserve Shutdown	168	168
BS CT1(B)	109	Unplanned (Forced	8/31/2024	4:30:00	8/31/2024	23:59:00	19.5	3999	Other miscellaneous ba	Unit 1 ST tripped due to wiring issue. Unit 1 CTs unavailable until issue was foun	168	168

Tampa Electric Company
Outage Listing
August 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)	81	Maintenance Outage	8/1/2024	0:00:00	8/1/2024	5:30:00	5.5	3999	Other miscellaneous balance of plant problems	CT down due to crack being repaired on main steam drain line at steam turbine		168
BS CT1(C)	82	Reserve Shutdown	8/2/2024	21:40:00	8/5/2024	18:01:00	68.35			Reserve Shutdown		168
BS CT1(C)	83	Unplanned (Forced) Outage - Immediate	8/6/2024	17:08:00	8/6/2024	17:10:00	0.03	5019	Other high pressure problems	Unit CT1C tripped for compressor bleed valve #4		168
BS CT1(C)	84	Reserve Shutdown	8/6/2024	17:10:00	8/7/2024	14:36:00	21.43			Reserve Shutdown		168
BS CT1(C)	85	Reserve Shutdown	8/9/2024	1:37:00	8/10/2024	10:01:00	32.4			Reserve Shutdown		168
BS CT1(C)	86	Reserve Shutdown	8/11/2024	0:23:00	8/11/2024	13:49:00	13.43			Reserve Shutdown		168
BS CT1(C)	87	Reserve Shutdown	8/12/2024	1:52:00	8/12/2024	14:01:00	12.15			Reserve Shutdown		168
BS CT1(C)	88	Reserve Shutdown	8/16/2024	21:43:00	8/17/2024	17:38:00	19.92			Reserve Shutdown		168
BS CT1(C)	89	Reserve Shutdown	8/18/2024	2:16:00	8/18/2024	17:52:00	15.6			Reserve Shutdown		168
BS CT1(C)	90	Reserve Shutdown	8/20/2024	0:44:00	8/20/2024	12:47:00	12.05			Reserve Shutdown		168
BS CT1(C)	91	Reserve Shutdown	8/21/2024	22:19:00	8/23/2024	16:19:00	42			Reserve Shutdown		168
BS CT1(C)	92	Unplanned (Forced) Outage - Immediate	8/24/2024	16:42:00	8/24/2024	16:44:00	0.03	5019	Other high pressure problems	Unit CT1C tripped for compressor bleed valve #4		168
BS CT1(C)	93	Reserve Shutdown	8/24/2024	16:44:00	8/25/2024	14:48:00	22.07			Reserve Shutdown		168
BS CT1(C)	94	Reserve Shutdown	8/26/2024	0:24:00	8/26/2024	11:56:00	11.53			Reserve Shutdown		168
BS CT1(C)	95	Reserve Shutdown	8/26/2024	22:12:00	8/27/2024	15:49:00	17.62			Reserve Shutdown		168
BS CT1(C)	96	Reserve Shutdown	8/27/2024	23:44:00	8/28/2024	13:36:00	13.87			Reserve Shutdown		168
BS CT1(C)	97	Reserve Shutdown	8/28/2024	22:40:00	8/29/2024	14:49:00	16.15			Reserve Shutdown		168
BS CT1(C)	98	Reserve Shutdown	8/29/2024	18:23:00	8/30/2024	14:23:00	20			Reserve Shutdown		168
BS CT1(C)	99	Reserve Shutdown	8/30/2024	21:41:00	8/31/2024	4:30:00	6.82			Reserve Shutdown		168
BS CT1(C)	100	Unplanned (Forced) Outage - Immediate	8/31/2024	4:30:00	8/31/2024	23:59:00	19.5	3999	Other miscellaneous balance of plant problems	Unit 1 ST tripped due to wiring issue. Unit 1 CTs unavailable until issue was found an		168

Tampa Electric Company
 Outage Listing
 August 2024

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
BS ST 1	6	Maintenance Outage	8/1/2024	0:00:00	8/1/2024	11:11:00	11.18	4279	Miscellaneous turbine piping	ST 1 down for maintenance outage to repair cracked drain line off the main steam line		245
BS ST 1	7	Unplanned (Forced) Outage - Immediate	8/1/2024	11:23:00	8/1/2024	12:31:00	1.13	4309	Other turbine instrument and control problem	ST1 high vibration on start up		245
BS ST 1	8	Unplanned (Forced) Outage - Immediate	8/30/2024	16:19:00	8/31/2024	23:59:00	31.68	3899	Other miscellaneous auxiliary system problem	ST1 tripped due to wiring issue.		245

Tampa Electric Company
Outage Listing
August 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)	52	Reserve Shutdown	8/2/2024	19:01:00	8/3/2024	10:40:00	15.65		Reserve Shutdown			168
BS CT2(A)	53	Reserve Shutdown	8/3/2024	21:07:00	8/4/2024	8:38:00	11.52		Reserve Shutdown			168
BS CT2(A)	54	Reserve Shutdown	8/10/2024	5:20:00	8/10/2024	12:34:00	7.23		Reserve Shutdown			168
BS CT2(A)	55	Reserve Shutdown	8/14/2024	1:14:00	8/14/2024	14:27:00	13.22		Reserve Shutdown			168
BS CT2(A)	56	Reserve Shutdown	8/16/2024	0:40:00	8/16/2024	15:49:00	15.15		Reserve Shutdown			168
BS CT2(A)	57	Reserve Shutdown	8/18/2024	23:23:00	8/19/2024	14:30:00	15.12		Reserve Shutdown			168
BS CT2(A)	58	Reserve Shutdown	8/21/2024	21:15:00	8/23/2024	14:02:00	40.78		Reserve Shutdown			168
BS CT2(A)	59	Reserve Shutdown	8/23/2024	22:08:00	8/24/2024	12:13:00	14.08		Reserve Shutdown			168
BS CT2(A)	48	Reserve Shutdown	8/31/2024	2:24:00	8/31/2024	12:04:00	9.67		Reserve Shutdown			168

Tampa Electric Company
Outage Listing
August 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)	91	Reserve Shutdown	8/2/2024	2:34:00	8/2/2024	14:09:00	11.58		Reserve Shutdown			168
BS CT2(B)	92	Reserve Shutdown	8/3/2024	1:26:00	8/3/2024	12:51:00	11.42		Reserve Shutdown			168
BS CT2(B)	93	Reserve Shutdown	8/6/2024	0:54:00	8/6/2024	14:47:00	13.88		Reserve Shutdown			168
BS CT2(B)	94	Reserve Shutdown	8/8/2024	1:42:00	8/8/2024	11:44:00	10.03		Reserve Shutdown			168
BS CT2(B)	95	Reserve Shutdown	8/11/2024	19:11:00	8/12/2024	11:15:00	16.07		Reserve Shutdown			168
BS CT2(B)	96	Reserve Shutdown	8/12/2024	22:58:00	8/13/2024	13:13:00	14.25		Reserve Shutdown			168
BS CT2(B)	97	Reserve Shutdown	8/14/2024	0:32:00	8/14/2024	15:41:00	15.15		Reserve Shutdown			168
BS CT2(B)	98	Reserve Shutdown	8/15/2024	0:36:00	8/15/2024	11:13:00	10.62		Reserve Shutdown			168
BS CT2(B)	99	Reserve Shutdown	8/17/2024	2:59:00	8/17/2024	13:25:00	10.43		Reserve Shutdown			168
BS CT2(B)	100	Reserve Shutdown	8/17/2024	22:15:00	8/18/2024	15:42:00	17.45		Reserve Shutdown			168
BS CT2(B)	101	Reserve Shutdown	8/19/2024	22:21:00	8/20/2024	10:45:00	12.4		Reserve Shutdown			168
BS CT2(B)	102	Reserve Shutdown	8/20/2024	22:38:00	8/21/2024	12:00:00	13.37		Reserve Shutdown			168
BS CT2(B)	103	Reserve Shutdown	8/24/2024	0:00:00	8/24/2024	15:09:00	15.15		Reserve Shutdown			168
BS CT2(B)	104	Reserve Shutdown	8/25/2024	5:13:00	8/25/2024	13:56:00	8.72		Reserve Shutdown			168
BS CT2(B)	105	Reserve Shutdown	8/25/2024	21:51:00	8/26/2024	11:05:00	13.23		Reserve Shutdown			168
BS CT2(B)	106	Reserve Shutdown	8/28/2024	2:14:00	8/28/2024	12:06:00	9.87		Reserve Shutdown			168
BS CT2(B)	107	Reserve Shutdown	8/28/2024	21:33:00	8/29/2024	10:47:00	13.23		Reserve Shutdown			168
BS CT2(B)	90	Reserve Shutdown	8/30/2024	4:43:00	8/30/2024	14:12:00	9.48		Reserve Shutdown			168

Tampa Electric Company
Outage Listing
August 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)	80	Reserve Shutdown	8/2/2024	3:04:00	8/5/2024	10:17:00	79.22			Reserve Shutdown		168
BS CT2(C)	81	Unplanned (Forced)	8/5/2024	10:55:00	8/5/2024	11:28:00	0.55	0800	Drums and drum internals (sin	Unit CT2C tripped on high main steam temperature		168
BS CT2(C)	82	Reserve Shutdown	8/8/2024	0:18:00	8/8/2024	14:34:00	14.27			Reserve Shutdown		168
BS CT2(C)	83	Reserve Shutdown	8/9/2024	0:37:00	8/9/2024	14:50:00	14.22			Reserve Shutdown		168
BS CT2(C)	84	Reserve Shutdown	8/10/2024	2:09:00	8/10/2024	12:11:00	10.03			Reserve Shutdown		168
BS CT2(C)	85	Reserve Shutdown	8/10/2024	22:19:00	8/11/2024	10:35:00	12.27			Reserve Shutdown		168
BS CT2(C)	86	Reserve Shutdown	8/11/2024	23:10:00	8/13/2024	13:51:00	38.68			Reserve Shutdown		168
BS CT2(C)	87	Reserve Shutdown	8/15/2024	1:50:00	8/15/2024	12:26:00	10.6			Reserve Shutdown		168
BS CT2(C)	88	Reserve Shutdown	8/21/2024	0:16:00	8/21/2024	17:20:00	17.07			Reserve Shutdown		168
BS CT2(C)	89	Reserve Shutdown	8/25/2024	1:06:00	8/25/2024	11:27:00	10.35			Reserve Shutdown		168
BS CT2(C)	90	Reserve Shutdown	8/25/2024	19:23:00	8/26/2024	13:11:00	17.8			Reserve Shutdown		168
BS CT2(C)	91	Reserve Shutdown	8/26/2024	21:21:00	8/27/2024	12:56:00	15.58			Reserve Shutdown		168
BS CT2(C)	92	Reserve Shutdown	8/27/2024	22:44:00	8/28/2024	10:24:00	11.67			Reserve Shutdown		168
BS CT2(C)	93	Reserve Shutdown	8/29/2024	22:48:00	8/30/2024	11:22:00	12.57			Reserve Shutdown		168
BS CT2(C)	76	Reserve Shutdown	8/31/2024	5:18:00	8/31/2024	16:01:00	10.72			Reserve Shutdown		168

Tampa Electric Company
Outage Listing
August 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)	65	Reserve Shutdown	8/1/2024	19:01:00	8/2/2024	11:01:00	16			Reserve Shutdown		168
BS CT2(D)	66	Reserve Shutdown	8/3/2024	19:33:00	8/5/2024	6:04:00	34.52			Reserve Shutdown		168
BS CT2(D)	67	Unplanned (Forced)	8/5/2024	18:08:00	8/6/2024	12:39:00	18.52	5299	Other miscellaneous gas	Unit CT2D tripped due to exciter tripped on high temperature. Air conditioning		168
BS CT2(D)	68	Reserve Shutdown	8/11/2024	4:09:00	8/12/2024	15:47:00	35.63			Reserve Shutdown		168
BS CT2(D)	69	Reserve Shutdown	8/12/2024	23:58:00	8/13/2024	16:50:00	16.87			Reserve Shutdown		168
BS CT2(D)	70	Reserve Shutdown	8/16/2024	8:48:00	8/19/2024	12:01:00	75.22			Reserve Shutdown		168
BS CT2(D)	71	Reserve Shutdown	8/20/2024	2:29:00	8/20/2024	16:43:00	14.23			Reserve Shutdown		168
BS CT2(D)	72	Reserve Shutdown	8/21/2024	23:48:00	8/25/2024	16:59:00	89.18			Reserve Shutdown		168
BS CT2(D)	73	Reserve Shutdown	8/25/2024	20:57:00	8/26/2024	14:56:00	17.98			Reserve Shutdown		168
BS CT2(D)	74	Reserve Shutdown	8/26/2024	21:02:00	8/27/2024	11:01:00	13.98			Reserve Shutdown		168
BS CT2(D)	75	Reserve Shutdown	8/29/2024	1:38:00	8/29/2024	12:53:00	11.25			Reserve Shutdown		168
BS CT2(D)	76	Reserve Shutdown	8/29/2024	20:30:00	8/30/2024	12:23:00	15.88			Reserve Shutdown		168

Tampa Electric Company
Outage Listing
August 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
August 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
August 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	11	Reserve Shutdown	8/6/2024	1:21:00	8/8/2024	21:24:00	68.05			Reserve Shutdown		360
BB CT6	12	Unplanned (Forced) Outage - Immediat	8/8/2024	22:10:00	8/8/2024	22:39:00	0.48	6161	HP Startup bypass system valves CT6 had to be shut down during a start up/merge to re-purge the Diverter damper. The			360

Tampa Electric Company
Outage Listing
August 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

Tampa Electric Company
Outage Listing
August 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	89	Reserve Shutdown	8/1/2024	21:23:00	8/2/2024	9:36:00	12.22		Reserve Shutdown		150	150
Polk 2	90	Reserve Shutdown	8/3/2024	23:56:00	8/4/2024	8:59:00	9.05		Reserve Shutdown		150	150
Polk 2	91	Reserve Shutdown	8/9/2024	0:56:00	8/9/2024	11:15:00	10.32		Reserve Shutdown		150	150
Polk 2	92	Reserve Shutdown	8/11/2024	1:43:00	8/11/2024	11:25:00	9.7		Reserve Shutdown		150	150
Polk 2	93	Reserve Shutdown	8/13/2024	1:41:00	8/13/2024	12:06:00	10.42		Reserve Shutdown		150	150
Polk 2	94	Reserve Shutdown	8/15/2024	22:23:00	8/16/2024	11:13:00	12.83		Reserve Shutdown		150	150
Polk 2	95	Reserve Shutdown	8/16/2024	23:44:00	8/17/2024	15:21:00	15.62		Reserve Shutdown		150	150
Polk 2	96	Reserve Shutdown	8/17/2024	23:44:00	8/18/2024	12:13:00	12.48		Reserve Shutdown		150	150
Polk 2	97	Reserve Shutdown	8/19/2024	23:30:00	8/20/2024	12:55:00	13.42		Reserve Shutdown		150	150

Tampa Electric Company
Outage Listing
August 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	84	Unplanned (Forced) Derating - Immediat	8/5/2024	5:23:00	8/5/2024	20:20:00	14.95 3999		Other miscellaneous balance of plant problemCT4 trip and CT5 unavailability derates steam turbine.		221.5	461
Polk 2 ST	85	Unplanned (Forced) Derating - Immediat	8/5/2024	23:15:00	8/5/2024	23:49:00	0.57 3999		Other miscellaneous balance of plant problemCT5 trip during startup derates steam turbine.		341.25	461
Polk 2 ST	86	Unplanned (Forced) Derating - Immediat	8/22/2024	18:56:00	8/22/2024	21:01:00	2.08 3999		Other miscellaneous balance of plant problemHRSG4 duct burner pilot gas isolation valve 4-FGB-V-621 could not actuate due to being		431	461
Polk 2 ST	87	Unplanned (Forced) Derating - Immediat	8/22/2024	22:50:00	8/22/2024	22:54:00	0.07 3999		Other miscellaneous balance of plant problemCT3 trip while transferring to liquid fuel.		341.25	461
Polk 2 ST	88	Unplanned (Forced) Derating - Immediat	8/26/2024	9:23:00	8/26/2024	23:59:00	14.6 3999		Other miscellaneous balance of plant problemHRSG4 duct burner elements 2 and 4 could not stay lit on pilot gas. Due to this the du		431	461
Polk 2 ST	89	Planned Derating	8/26/2024	23:59:00	8/27/2024	5:54:00	5.92 3999		Other miscellaneous balance of plant problemMaintenance outage on CT4.		341.25	461

Tampa Electric Company
Outage Listing
August 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	31	Reserve Shutdown	8/7/2024	2:59:00	8/7/2024	10:44:00	7.75			Reserve Shutdown		150
Polk 3	32	Unplanned (Forced) O	8/22/2024	22:50:00	8/22/2024	22:54:00	0.07	5190	Other auxiliary system problems	The unit was operating at part load transferring from gas fuel to liquid fuel when it		150
Polk 3	33	Reserve Shutdown	8/22/2024	22:54:00	8/23/2024	13:00:00	14.1					150
Polk 3	34	Reserve Shutdown	8/28/2024	21:28:00	8/29/2024	11:44:00	14.27			Reserve Shutdown		150

Tampa Electric Company
Outage Listing
August 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	60	Unplanned (Forced	8/5/2024	5:23:00	8/5/2024	20:20:00	14.95	5250	Other controls and instrumentation p	There are two junction boxes mounted on the ceiling of PK 4&5 shared electrical buildi		150
Polk 4	61	Reserve Shutdown	8/5/2024	20:20:00	8/5/2024	20:56:00	0.6			Reserve Shutdown		150
Polk 4	62	Reserve Shutdown	8/14/2024	1:37:00	8/14/2024	13:00:00	11.38			Reserve Shutdown		150
Polk 4	63	Maintenance Outa	8/26/2024	23:59:00	8/27/2024	5:54:00	5.92	5261	Gas turbine/compressor washing	Closed and blinded leaking water wash valve. Repaired duct burner elements 2 and 4, wh		150
Polk 4	64	Reserve Shutdown	8/27/2024	5:54:00	8/27/2024	11:40:00	5.77					150
Polk 4	65	Reserve Shutdown	8/31/2024	0:55:00	8/31/2024	10:55:00	10			Reserve Shutdown		150

Tampa Electric Company
 Outage Listing
 August 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	74	Reserve Shutdown	8/1/2024	0:34:00	8/1/2024	11:36:00	11.03			Reserve Shutdown		150
Polk 5	75	Reserve Shutdown	8/3/2024	0:13:00	8/3/2024	11:44:00	11.52			Reserve Shutdown		150
Polk 5	76	Reserve Shutdown	8/4/2024	22:15:00	8/5/2024	5:23:00	7.13			Reserve Shutdown		150
Polk 5	77	Unplanned (Forced) Outage - Immediat	8/5/2024	5:23:00	8/5/2024	20:20:00	14.95	5250	Other controls and instrumentation	There are two junction boxes mounted on the ceiling of PK 4&5 shared electrical buildi		150
Polk 5	78	Reserve Shutdown	8/5/2024	20:20:00	8/5/2024	23:09:00	2.82					150
Polk 5	79	Unplanned (Forced) Outage - Immediat	8/5/2024	23:15:00	8/5/2024	23:49:00	0.57	5299	Other miscellaneous gas turbine pro	During unit startup, Polk 5 was at 15 MW shortly after synching. The #2 bearing area f		150
Polk 5	80	Reserve Shutdown	8/14/2024	22:37:00	8/16/2024	12:54:00	38.28			Reserve Shutdown		150
Polk 5	81	Reserve Shutdown	8/19/2024	4:34:00	8/19/2024	16:08:00	11.57			Reserve Shutdown		150
Polk 5	82	Reserve Shutdown	8/24/2024	5:34:00	8/24/2024	13:22:00	7.8			Reserve Shutdown		150
Polk 5	83	Reserve Shutdown	8/25/2024	2:24:00	8/25/2024	13:37:00	11.22			Reserve Shutdown		150
Polk 5	84	Reserve Shutdown	8/28/2024	0:53:00	8/28/2024	11:52:00	10.98			Reserve Shutdown		150
Polk 5	85	Reserve Shutdown	8/29/2024	23:35:00	8/30/2024	10:27:00	10.87			Reserve Shutdown		150

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

Revised 9/23/24

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2024 - DECEMBER 2024

PLANT/UNIT		MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD	
POLK 2		Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	2024
1. Equivalent Availability Factor (%)	EAF	97.3	98.2											97.8
2. Period Hours	PH	744.0	696.0											1,440.0
3. Service Hours	SH	744.0	671.4											1,415.4
4. Reserve Shutdown Hours	RSH	0.0	21.0											21.0
5. Unavailable Hours	UH	10.7	3.6											14.3
6. Planned Outage Hours	POH	0.0	0.2											0.2
7. Forced Outage Hours	FOH	0.4	0.0											0.4
8. Maintenance Outage Hours	MOH	10.3	3.4											13.7
9a. Partial Planned Outage Hours	PPOH	0.0	23.7											23.7
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	120.0											120.0
10a. Partial Forced Outage Hours	PFOH	81.1	62.8											143.9
10b. Load Reduction Partial Forced (MW)	LRPF	32.8	120.0											70.9
11a. Partial Maintenance Outage Hours	PMOH	68.7	0.0											68.7
11b. Load Reduction Partial Maintenance (MW)	LRPM	120.0	0.0											120.0
12. Net Summer Continuous Rating (MW)	NSC	1,061.0	1,061.0											1,061.0
13. Operating British Thermal Units (GBTU)	OPR BTU	3,277.9	2,608.7											5,886.6
14. Net Generation (MWH)	NETGEN	466,423.0	364,118.0											830,541.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,028.0	7,164.0											7,087.7
16. Net Output Factor (%)	NOF	52.2	45.2											48.9
17. Net Period Continuous Rating (MW)	NPC	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 Unavailable hours due to the individual component hours of the Combined Cycle unit.

Tampa Electric Company
 Outage Listing
 February 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	96	Reserve Shutdown	2/6/2024	1:31:00	2/7/2024	2:05:00	24.57			Reserve Shutdown		480
Polk 2 ST	97	Planned Derating	2/13/2024	11:14:00	2/13/2024	13:45:00	2.52	3999	Other miscellaneous balance of plant problem CT3 maintenance outage.		360	480
Polk 2 ST	98	Unplanned (Forced) Derating - Immedia	2/15/2024	8:00:00	2/17/2024	22:50:00	62.83	3999	Other miscellaneous balance of plant problem HRSG4 main steam to cold reheat bypass valve did not open when commanded to do s		360	480
Polk 2 ST	99	Planned Derating	2/28/2024	8:00:00	2/29/2024	4:00:00	20	3999	Other miscellaneous balance of plant problem CT2 maintenance outage.		360	480
Polk 2 ST	100	Planned Derating	2/29/2024	22:48:00	2/29/2024	23:59:00	1.2	3999	Other miscellaneous balance of plant problem CT5 planned outage.		360	480

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2024 - DECEMBER 2024

PLANT/UNIT		MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD	
POLK 2		Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	2024
1. Equivalent Availability Factor (%)	EAF	97.3	98.2	78.9										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 Unavailable hours due to the individual component 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	Description	Narrative	Net Available Capacity	Net Dependable Capacity
Polk 2 ST	100	Planned 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	101	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	102	Planned 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	103	Planned 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	104	Planned 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	105	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 HRSGS boiler feed pump maintenance outage, issues with the HRSGS boiler fe		420	480
Polk 2 ST	106	Planned Derating	3/19/2024	8:42:00	3/19/2024	16:00:00	7.3 3999		Other miscellaneous balance of plant problem HRSGS boiler feed pump had high vibrations due to misalignment of the hydraulic couj		221.5	480
Polk 2 ST	107	Planned Derating	3/19/2024	16:00:00	3/22/2024	5:07:00	61.12 3999		Other miscellaneous balance of plant problem HRSGS boiler feed pump had high vibrations due to misalignment of the hydraulic couj		221.5	480
Polk 2 ST	108	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	109	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	110	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

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

Revised 9/23/24

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2024 - DECEMBER 2024

PLANT/UNIT		MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD	
POLK 2		Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	2024
1. Equivalent Availability Factor (%)	EAF	97.3	98.2	78.9	99.1									93.2
2. Period Hours	PH	744.0	696.0	743.0	720.0									2,903.0
3. Service Hours	SH	744.0	671.4	743.0	720.0									2,878.4
4. Reserve Shutdown Hours	RSH	0.0	21.0	0.0	0.0									21.0
5. Unavailable Hours	UH	10.7	3.6	81.7	3.5									99.5
6. Planned Outage Hours	POH	0.0	0.2	75.8	0.0									76.0
7. Forced Outage Hours	FOH	0.4	0.0	3.3	0.0									3.7
8. Maintenance Outage Hours	MOH	10.3	3.4	2.6	3.5									19.8
9a. Partial Planned Outage Hours	PPOH	0.0	23.7	506.5	24.5									554.7
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	120.0	172.7	119.7									168.1
10a. Partial Forced Outage Hours	PFOH	81.1	62.8	23.6	0.0									167.5
10b. Load Reduction Partial Forced (MW)	LRPF	32.8	120.0	115.6	0.0									77.2
11a. Partial Maintenance Outage Hours	PMOH	68.7	0.0	0.0	0.0									68.7
11b. Load Reduction Partial Maintenance (MW)	LRPM	120.0	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
13. Operating British Thermal Units (GBTU)	OPR BTU	3,277.9	2,608.7	2,970.0	3,294.0									12,150.7
14. Net Generation (MWH)	NETGEN	466,423.0	364,118.0	414,206.0	455,131.0									1,699,878.0
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,028.0	7,164.0	7,170.0	7,238.0									7,148.0
16. Net Output Factor (%)	NOF	52.2	45.2	46.5	59.6									50.7
17. Net Period Continuous Rating (MW)	NPC	1,200.0	1,200.0	1,200.0	1,061.0									1,165.3
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-16.071) + 8,234												

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

Tampa Electric Company
 Outage Listing
 April 2024

Revised 9/23/24

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	111	Planned Derating	4/4/2024	8:58:00	4/4/2024	18:02:00	9.07 3999		Other miscellaneous balance of plant problem CT3 maintenance outage		341.25	461
Polk 2 ST	112	Planned Derating	4/5/2024	0:32:00	4/5/2024	16:00:00	15.47 3999		Other miscellaneous balance of plant problem CT2 maintenance outage		341.25	461
Polk 2 ST	98	Unplanned (Forced) Derating - Immedia	2/15/2024	8:00:00	2/17/2024	22:50:00	62.83 3999		Other miscellaneous balance of plant problem HRSG4 main steam to cold reheat bypass valve did not open when commanded to do s		360	480
Polk 2 ST	99	Planned Derating	2/28/2024	8:00:00	2/29/2024	4:00:00	20 3999		Other miscellaneous balance of plant problem CT2 maintenance outage.		360	480
Polk 2 ST	100	Planned Derating	2/29/2024	22:48:00	2/29/2024	23:59:00	1.2 3999		Other miscellaneous balance of plant problem CT5 planned outage.		360	480

ORIGINAL SHEET NO. 8.401.19A
TAMPA ELECTRIC COMPANY

Revised 9/23/24

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2024 - DECEMBER 2024

PLANT/UNIT		MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD	
POLK 2		Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	2024
1. Equivalent Availability Factor (%)	EAF	97.3	98.2	78.9	99.1	87.1	99.9	87.2						92.4
2. Period Hours	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0						5,111.0
3. Service Hours	SH	744.0	671.4	743.0	720.0	652.3	720.0	744.0						4,994.7
4. Reserve Shutdown Hours	RSH	0.0	21.0	0.0	0.0	0.0	0.0	0.0						21.0
5. Unavailable Hours	UH	10.7	3.6	81.7	3.5	94.9	0.0	51.6						246.0
6. Planned Outage Hours	POH	0.0	0.2	75.8	0.0	0.0	0.0	39.6						115.6
7. Forced Outage Hours	FOH	0.4	0.0	3.3	0.0	94.9	0.0	11.9						110.5
8. Maintenance Outage Hours	MOH	10.3	3.4	2.6	3.5	0.0	0.0	0.0						19.8
9a. Partial Planned Outage Hours	PPOH	0.0	23.7	506.5	24.5	0.0	0.0	280.4						835.1
9b. Load Reduction Partial Planned (MW)	LRPP	0.0	120.0	172.7	119.7	0.0	0.0	119.8						151.9
10a. Partial Forced Outage Hours	PFOH	81.1	62.8	23.6	0.0	6.8	20.8	70.6						265.7
10b. Load Reduction Partial Forced (MW)	LRPF	32.8	120.0	115.6	0.0	119.8	29.9	180.8						102.1
11a. Partial Maintenance Outage Hours	PMOH	68.7	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						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
13. Operating British Thermal Units (GBTU)	OPR BTU	3,277.9	2,608.7	2,970.0	3,294.0	3,209.9	3,514.9	3,606.5						22,481.9
14. Net Generation (MWH)	NETGEN	466,423.0	364,118.0	414,206.0	455,131.0	411,516.0	487,900.0	505,415.1						3,104,709.1
15. Avg. Net Operating Heat Rate (BTU/KWH)	ANOHR	7,028.0	7,164.0	7,170.0	7,238.0	7,800.0	7,204.0	7,133.0						7,241.2
16. Net Output Factor (%)	NOF	52.2	45.2	46.5	59.6	59.5	63.9	64.0						55.5
17. Net Period Continuous Rating (MW)	NPC	1,200.0	1,200.0	1,200.0	1,061.0	1,061.0	1,061.0	1,061.0						1,120.6
18. Avg. Net Operating Heat Rate Equation		ANOHR = NOF (-16.071) + 8,234												

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

Tampa Electric Company
 Outage Listing
 July 2024

Unit	Event Number	Event Type	Event Begin Date	Event Begin Time	Event End Date	Event End Time	Event Duration	Cause Code	Cause Code Description	Narrative	Net Available Capacity	Net Dependable Capacity
Polk 2 ST	121	Unplanned (Forced) Derating - Immediate	7/2/2024	10:22:00	7/2/2024	11:28:00	1.1 3999		Other miscellaneous balance of plant problem A contractor relay installer was working inside the B3105 starter control cubicle for		341.25	461
Polk 2 ST	122	Planned Derating	7/3/2024	23:23:00	7/15/2024	15:49:00	280.43 3999		Other miscellaneous balance of plant problem CT3 planned outage.		341.25	461
Polk 2 ST	123	Unplanned (Forced) Derating - Immediate	7/5/2024	10:35:00	7/5/2024	20:15:00	9.67 3999		Other miscellaneous balance of plant problem CT2 trip derates steam turbine.		341.25	461
Polk 2 ST	124	Unplanned (Forced) Derating - Immediate	7/11/2024	10:19:00	7/12/2024	10:57:00	24.63 3999		Other miscellaneous balance of plant problem CT2 trip derates steam turbine.		341.25	461
Polk 2 ST	125	Unplanned (Forced) Derating - Immediate	7/12/2024	19:29:00	7/13/2024	13:01:00	17.53 3999		Other miscellaneous balance of plant problem CT2 trip derates steam turbine.		341.25	461
Polk 2 ST	126	Unplanned (Forced) Derating - Immediate	7/23/2024	17:58:00	7/24/2024	11:19:00	17.35 3999		Other miscellaneous balance of plant problem CT5 trip due to lightning.Note: Misoperation of CT5's 86U-5 differential lockout rel		341.25	461
Polk 2 ST	127	Unplanned (Forced) Derating - Immediate	7/23/2024	17:58:00	7/24/2024	9:16:00	15.3 3999		Other miscellaneous balance of plant problem CT4 trip due to lightning.Note: Misoperation of CT5 86U-5 differential lockout relay		341.25	461
Polk 2 ST	128	Unplanned (Forced) Derating - Immediate	7/25/2024	1:03:00	7/25/2024	1:13:00	0.17 3999		Other miscellaneous balance of plant problem CT4 derate due to low instrument air pressure, derates the steam turbine.		436	461