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October 25, 2018

ELECTRONIC FILING

Ms. Carlotta Stauffer, Director
Office of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

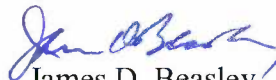
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor; FPSC Docket No. 20180001-EI

Dear Ms. Stauffer:

Attached for filing in the above docket is Tampa Electric Company's GPIF Actual Unit
Performance Data Schedules for the month of September 2018.

Thank you for your assistance in connection with this matter.

Sincerely,


James D. Beasley

JDB/ne

Attachment

cc: All parties of record (w/attachment)

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Schedules, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 25th day of October 2018 to the following:

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ATTORNEY

ORIGINAL SHEET NO. 8.401.17A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2018 - DECEMBER 2018

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND 2	JAN 18	FEB 18	MAR 18	APR 18	MAY 18	JUN 18	JUL 18	AUG 18	SEP 18	OCT 18	NOV 18	DEC 18	2018
1. EAF (%)	63.7	66.6	80.1	33.5	0.3	92.5	90.1	89.1	98.3				67.5
2. PH	744	672	743	720	744	720	744	744	720				6551
3. SH	503.5	549.5	743.0	271.0	0.0	224.3	150.6	356.0	720.0				3518.0
4. RSH	180.2	36.8	0.0	0.0	2.3	442.7	519.7	313.0	0.0				1494.7
5. UH	60.3	85.7	0.0	449.0	741.7	53.0	73.6	75.0	0.0				1538.3
6. POH	0.0	0.0	0.0	449.0	741.7	0.0	0.0	0.0	0.0				1190.7
7. FOH	60.3	85.7	0.0	0.0	0.0	53.0	34.3	0.0	0.0				233.3
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	39.3	75.0	0.0				114.3
9. PFOH	327.6	235.1	0.0	0.0	0.0	0.0	0.0	11.6	39.4				613.6
10. LR PF (MW)	44.1	9.6	0.0	0.0	0.0	0.0	0.0	175.0	104.3				37.2
11. PMOH	744.0	672.3	743.5	720.0	0.0	1.0	0.0	0.0	0.0				2880.8
12. LR PM (MW)	91.9	78.1	78.4	15.9	0.0	235.0	0.0	0.0	0.0				66.3
13. NSC (MW)	395	395	395	385	340	340	340	340	340				363
14. OPR BTU(GBTU)	732.3050	1006.8930	1196.0500	500.0300	0.0000	306.2350	224.0410	587.8920	1240.1611				5793.6071
15. NET GEN (MWH)	62029	94369	105001	48780	0	26562	19643	47786	102138				506308
16. ANOHR (BTU/KWH)	11806	10670	11391	10251	0	11529	11406	12303	12142				11443
17. NOF (%)	31.2	43.5	35.8	46.8	0.0	34.8	38.3	39.5	41.7				39.6
18. NPC (MW)	395	395	395	385	340	340	340	340	340				363
19. ANOHR EQUATION	ANOHR = NOF (-17.276) + 12,362												

ORIGINAL SHEET NO. 8.401.17A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2018 - DECEMBER 2018

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND 3	JAN 18	FEB 18	MAR 18	APR 18	MAY 18	JUN 18	JUL 18	AUG 18	SEP 18	OCT 18	NOV 18	DEC 18	2018
1. EAF (%)	57.3	35.3	30.7	66.2	91.3	95.6	95.7	94.3	68.0				70.5
2. PH	744	672	743	720	744	720	744	744	720				6551
3. SH	492.1	390.2	384.5	540.9	679.6	691.9	664.0	741.1	506.2				5090.5
4. RSH	0.0	23.6	0.0	0.0	0.0	28.1	50.1	0.0	0.0				101.8
5. UH	251.9	258.2	358.5	179.1	64.4	0.0	29.9	2.9	213.8				1358.7
6. POH	0.0	0.0	358.5	112.3	0.0	0.0	0.0	0.0	0.0				470.8
7. FOH	251.9	258.2	0.0	0.0	64.4	0.0	0.8	2.9	72.0				650.1
8. MOH	0.0	0.0	0.0	66.8	0.0	0.0	29.2	0.0	141.9				237.8
9. PFOH	787.0	672.0	743.0	645.0	1.7	264.4	57.2	141.1	55.5				3366.8
10. LR PF (MW)	33.4	105.2	84.2	38.8	40.0	46.4	0.0	96.9	101.9				64.2
11. PMOH	0.0	0.0	0.0	2.0	0.0	2.4	2.7	0.0	0.7				7.7
12. LR PM (MW)	0.0	0.0	0.0	120.0	0.0	120.0	240.0	0.0	165.0				165.3
13. NSC (MW)	400	400	400	395	395	395	345	345	345				380
14. OPR BTU(GBTU)	1798.7949	987.5843	1084.0753	1965.2639	2635.8096	2359.6073	991.3420	1213.2032	903.2102				13938.8908
15. NET GEN (MWH)	163854	85845	90768	181082	247448	219091	87639	100627	77828				1254182
16. ANOHR BTU/KWH	10978	11504	11943	10853	10652	10770	11312	12056	11605				11114
17. NOF (%)	83.2	55.0	59.0	84.8	92.2	80.2	38.3	39.4	44.6				64.8
18. NPC (MW)	400	400	400	395	395	395	345	345	345				380
19. ANOHR EQUATION	ANOHR = NOF (-17.826) + 12,060												

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ORIGINAL SHEET NO. 8.401.17A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2018 - DECEMBER 2018

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND 4	JAN 18	FEB 18	MAR 18	APR 18	MAY 18	JUN 18	JUL 18	AUG 18	SEP 18	OCT 18	NOV 18	DEC 18	2018
1. EAF (%)	78.7	13.1	8.0	87.7	68.2	60.1	80.3	78.5	78.7				61.9
2. PH	744	672	743	720	744	720	744	744	720				6551
3. SH	744.0	69.0	59.2	720.0	635.9	523.4	744.0	744.0	720.0				4959.6
4. RSH	0.0	147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				147.0
5. UH	0.0	456.0	683.8	0.0	108.1	196.6	0.0	0.0	0.0				1444.4
6. POH	0.0	456.0	683.8	0.0	0.0	0.0	0.0	0.0	0.0				1139.8
7. FOH	0.0	0.0	0.0	0.0	108.1	196.6	0.0	0.0	0.0				304.7
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0
9. PFOH	1611.4	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0				7418.4
10. LR PF (MW)	43.4	84.2	0.0	52.8	74.0	54.2	81.8	93.9	82.0				60.4
11. PMOH	0.0	0.0	0.0	6.3	5.9	5.0	16.4	0.0	34.6				68.4
12. LR PM (MW)	0.0	0.0	0.0	119.5	171.1	113.8	199.1	0.0	228.1				197.7
13. NSC (MW)	442	442	442	437	437	437	437	437	437				439
14. OPR BTU(GBTU)	2713.8402	129.6618	163.7140	2755.0214	2397.7246	1977.6829	2766.8860	2680.4266	2547.9461				18132.9037
15. NET GEN (MWH)	254243	13470	15848	260531	213939	181524	249646	247319	238823				1675343
16. ANOHR BTU/KWH	10674	9626	10330	10575	11208	10895	11083	10838	10669				10823
17. NOF (%)	77.3	44.2	60.5	82.8	77.0	79.4	76.8	76.1	75.9				77.0
18. NPC (MW)	442	442	442	437	437	437	437	437	437				439
19. ANOHR EQUATION	ANOHR = NOF (-12.371) + 11,518												



ORIGINAL SHEET NO. 8.401.18A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2018 - DECEMBER 2018

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 1	JAN 18	FEB 18	MAR 18	APR 18	MAY 18	JUN 18	JUL 18	AUG 18	SEP 18	OCT 18	NOV 18	DEC 18	2018
1. EAF (%)	75.1	97.1	49.1	72.8	82.9	89.6	89.1	97.1	46.3				77.6
2. PH	744	672	743	720	744	720	744	744	720				6551
3. SH	567.8	669.2	384.2	454.4	648.7	603.2	708.1	740.3	363.2				5138.9
4. RSH	0.0	0.0	12.6	136.7	47.5	108.8	0.0	0.0	0.0				305.6
5. UH	176.2	2.8	346.2	129.0	47.8	8.0	35.9	3.8	356.8				1106.5
6. POH	0.0	0.0	147.2	0.0	0.0	0.0	0.0	0.0	356.8				504.0
7. FOH	176.2	2.8	199.0	95.3	3.3	8.0	35.9	3.8	0.0				524.3
8. MOH	0.0	0.0	0.0	33.6	44.5	0.0	0.0	0.0	0.0				78.1
9. PFOH	236.6	121.2	171.5	720.0	744.0	577.2	239.6	100.9	3.3				2914.3
10. LR PF (MW)	8.2	29.8	30.0	20.5	23.4	25.6	46.4	44.0	70.0				25.2
11. PMOH	0.0	0.0	420.7	0.0	0.0	0.0	0.0	0.0	497.5				918.2
12. LR PM (MW)	0.0	0.0	4.4	0.0	0.0	0.0	0.0	0.0	14.1				9.7
13. NSC (MW)	220	220	220	220	220	220	245	245	245				228
14. OPR BTU(GBTU)	1332.1999	1559.7320	703.7845	552.8960	629.9650	969.9011	1435.0611	1760.5749	652.5832				9596.6977
15. NET GEN (MWH)	126117	152887	69570	60461	67992	79644	141705	167216	68117				933709
16. ANOHR BTU/KWH	10563	10202	10116	9145	9265	12178	10127	10529	9580				10278
17. NOF (%)	101.0	103.9	82.3	60.5	47.6	60.0	81.7	92.2	76.6				79.6
18. NPC (MW)	220	220	220	220	220	220	245	245	245				228
19. ANOHR EQUATION	ANOHR = NOF (16.584) + 8,334												

ORIGINAL SHEET NO. 8.401.18A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2018 - DECEMBER 2018

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 CC	JAN 18	FEB 18	MAR 18	APR 18	MAY 18	JUN 18	JUL 18	AUG 18	SEP 18	OCT 18	NOV 18	DEC 18	2018
1. EAF (%)	89.0	88.1	97.1	98.9	88.6	99.9	99.8	99.7	98.4				95.4
2. PH	744	672	743	720	744	720	744	744	720				6551
3. SH	743.0	672.0	743.0	720.0	656.7	720.0	744.0	741.0	712.0				6451.7
4. RSH	44.6	29.5	6.8	35.7	105.1	15.8	13.5	30.9	22.5				304.3
5. UH	42.5	47.3	10.6	4.4	79.9	0.0	0.0	1.7	7.0				193.4
6. POH	20.6	47.3	5.6	0.0	0.0	0.0	0.0	0.0	0.0				73.5
7. FOH	11.8	0.0	5.1	4.4	6.0	0.0	0.0	0.5	6.4				34.1
8. MOH	10.1	0.0	0.0	0.0	73.9	0.0	0.0	1.2	0.7				85.8
9. PFOH	656.7	0.9	91.8	30.4	6.2	6.1	6.0	4.9	44.5				847.5
10. LR PF (MW)	33.9	125.0	95.2	115.0	108.9	42.9	235.0	106.0	115.0				50.3
11. PMOH	204.7	315.3	37.3	0.0	49.5	5.8	0.0	0.0	0.0				612.5
12. LR PM (MW)	123.0	125.0	125.0	0.0	95.5	115.0	0.0	0.0	0.0				121.9
13. NSC (MW)	1200	1200	1200	1061	1061	1061	1061	1061	1061				1107
14. OPR BTU(GBTU)	4009.5850	3482.8960	4694.5570	4117.4190	3268.5620	4321.0599	4692.8080	4404.2980	4397.2187				37388.4037
15. NET GEN (MWH)	586465	538133	728981	634576	473543	648403	674389	634827	624890				5544207
16. ANOHR BTU/KWH	6837	6472	6440	6488	6902	6664	6959	6938	7037				6744
17. NOF (%)	65.8	66.7	81.8	83.1	68.0	84.9	85.4	80.7	82.7				77.6
18. NPC (MW)	1200	1200	1200	1061	1061	1061	1061	1061	1061				1107
19. ANOHR EQUATION	ANOHR = NOF (-13.653) + 8,424												

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ORIGINAL SHEET NO. 8.401.18A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2018 - DECEMBER 2018

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 UNIT 1	JAN 18	FEB 18	MAR 18	APR 18	MAY 18	JUN 18	JUL 18	AUG 18	SEP 18	OCT 18	NOV 18	DEC 18	2018
1. EAF (%)	96.9	99.7	97.8	57.2	99.2	100.0	100.0	97.5	99.9				94.3
2. PH	744	672	743	720	744	720	744	744	720				6551
3. SH	670.6	672.0	743.0	422.0	744.0	720.0	744.0	734.0	720.0				6169.6
4. RSH	58.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				58.5
5. UH	15.0	0.0	8.3	298.4	0.0	0.0	0.0	10.2	0.0				331.8
6. POH	0.0	0.0	0.0	298.4	0.0	0.0	0.0	0.0	0.0				298.4
7. FOH	0.0	0.0	8.3	0.0	0.0	0.0	0.0	1.6	0.0				9.9
8. MOH	15.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	0.0				23.5
9. PFOH	39.6	10.0	19.4	10.3	9.2	0.0	0.0	0.0	0.0				88.5
10. LR PF (MW)	82.0	82.0	82.0	79.0	69.3	0.0	0.0	0.0	0.0				80.3
11. PMOH	39.9	9.9	55.6	48.8	45.0	0.0	0.0	75.6	7.7				282.6
12. LR PM (MW)	82.0	82.0	82.0	128.2	79.0	0.0	0.0	79.0	79.0				88.6
13. NSC (MW)	792	792	792	701	701	701	701	701	701				731
14. OPR BTU(GBTU)	1633.0960	2451.8890	2325.0660	1217.4320	2117.1800	2312.6240	2262.8700	2079.3400	2209.4130				18608.9100
15. NET GEN (MWH)	217843	332848	308710	162902	285477	306014	307294	281179	295733				2498001
16. ANOHR (BTU/KWH)	7497	7366	7532	7473	7416	7557	7364	7395	7471				7450
17. NOF (%)	41.0	62.5	52.5	55.1	54.7	60.6	58.9	54.6	58.6				55.4
18. NPC (MW)	792	792	792	701	701	701	701	701	701				731
19. ANOHR EQUATION	ANOHR = NOF (-1.982) + 7,468												

ORIGINAL SHEET NO. 8.401.18A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2018 - DECEMBER 2018

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 UNIT 2	JAN 18	FEB 18	MAR 18	APR 18	MAY 18	JUN 18	JUL 18	AUG 18	SEP 18	OCT 18	NOV 18	DEC 18	2018
1. EAF (%)	89.7	0.0	0.0	55.2	93.9	97.0	97.5	97.1	97.6				70.4
2. PH	744	672	743	720	744	720	744	744	720				6551
3. SH	695.6	0.0	0.0	405.0	708.2	720.0	743.0	736.0	720.0				4727.8
4. RSH	0.0	0.0	0.0	12.8	0.0	0.0	0.0	0.0	0.0				12.8
5. UH	58.1	672.0	743.0	317.4	40.8	0.0	1.0	7.5	0.0				1839.8
6. POH	12.6	672.0	743.0	290.4	0.0	0.0	0.0	0.0	0.0				1718.0
7. FOH	45.5	0.0	0.0	27.0	0.0	0.0	1.0	7.5	0.0				81.0
8. MOH	0.0	0.0	0.0	0.0	40.8	0.0	0.0	0.0	0.0				40.8
9. PFOH	9.4	0.0	0.0	65.5	51.0	0.0	3.8	0.9	0.0				130.5
10. LR PF (MW)	79.0	0.0	0.0	74.3	77.0	0.0	77.0	77.0	0.0				75.8
11. PMOH	231.8	0.0	0.0	3.5	8.3	272.0	475.6	176.2	210.8				1378.2
12. LR PM (MW)	79.3	0.0	0.0	77.0	77.0	72.7	34.2	75.5	77.0				61.6
13. NSC (MW)	1047	1047	1047	929	929	929	929	929	929				968
14. OPR BTU(GBTU)	1818.3620	0.0000	0.0000	1418.0970	2605.2610	2515.5910	2584.7760	2907.1750	2938.8620				16788.1240
15. NET GEN (MWH)	232588	-3128	-3411	187162	347726	330641	349617	392400	394088				2227682
16. ANOHR (BTU/KWH)	7818	0	0	7577	7492	7608	7393	7409	7457				7536
17. NOF (%)	31.9	0.0	0.0	49.7	52.9	49.4	50.7	57.4	58.9				48.7
18. NPC (MW)	1047	1047	1047	929	929	929	929	929	929				968
19. ANOHR EQUATION	ANOHR = NOF (-4.675) + 7,715												

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**Tampa Electric Company
Outage Listing
(09/01/2018 - 09/30/2018)**

Unit: BIG BEND 2 MDC: 410 Run Date: 10/9/2018

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
39	Noncurtailing	09/06/2018	22:12:00	09/06/2018	22:26:00	0.23	120	4268	TURB	Main turbine valve testing
40	Partial Forced Immed	09/14/2018	09:11:00	09/14/2018	09:45:00	0.57	260	3260	BLPT	B coarse mesh screen bound up.
41	Partial Forced Immed	09/16/2018	07:38:00	09/16/2018	09:50:00	2.2	260	3260	BLPT	B coarse mesh screen bound up.
42	Noncurtailing	09/26/2018	00:59:00	09/26/2018	01:14:00	0.25	120	4268	TURB	Main turbine valve testing
43	Partial Forced Immed	09/26/2018	23:37:00	09/28/2018	12:15:00	36.63	250	1470	BLR	B ID fan tripped. Suspect aging VFD cells.

**Tampa Electric Company
Outage Listing
(09/01/2018 - 09/30/2018)**

Unit: BIG BEND 3 MDC: 420 Run Date: 10/9/2018

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
49	Noncurtailing	09/01/2018	01:20:00	09/01/2018	02:00:00	0.67	120	4268	TURB	Main turbine valve testing
50	Noncurtailing	09/08/2018	00:15:00	09/08/2018	01:25:00	1.17	120	4268	TURB	Main turbine valve testing
51	Partial Forced Immed	09/11/2018	04:00:00	09/12/2018	12:15:00	32.25	300	1455	BLR	B ID Fan tripped on low coolant level.
52	Full Forced Immed	09/13/2018	16:51:00	09/16/2018	13:47:00	68.93	0	1000	BLR	Boiler tube leak
53	Full Forced Immed	09/18/2018	20:08:00	09/18/2018	23:09:00	3.02	0	1400	BLR	High furnace pressure trip when removing B forced dra
54	Partial Forced Immed	09/18/2018	23:08:00	09/19/2018	22:25:00	0.02	200	1400	BLR	B Forced draft fan IGV repair
54	Partial Forced Immed	09/18/2018	23:08:00	09/19/2018	22:25:00	23.27	200	1400	BLR	B Forced draft fan IGV repair
55	Partial Maintenance	09/22/2018	00:45:00	09/22/2018	01:25:00	0.67	195	4268	TURB	Main turbine valve testing
56	Maintenance Outage	09/25/2018	02:07:00	10/03/2018	16:00:00	141.88	0	1000	BLR	Waterwall tube repair

**Tampa Electric Company
Outage Listing
(09/01/2018 - 09/30/2018)**

Unit: BIG BEND 4 MDC: 470 Run Date: 10/9/2018

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
46	Partial Forced Immed	06/22/2018	09:00:00	01/01/2019	00:00:00	25.75	400	8299	POLL C Booster fan amp limits	
46	Partial Forced Immed	06/22/2018	09:00:00	01/01/2019	00:00:00	1.08	400	8299	POLL C Booster fan amp limits	
46	Partial Forced Immed	06/22/2018	09:00:00	01/01/2019	00:00:00	120.92	400	8299	POLL C Booster fan amp limits	
46	Partial Forced Immed	06/22/2018	09:00:00	01/01/2019	00:00:00	30.77	400	8299	POLL C Booster fan amp limits	
46	Partial Forced Immed	06/22/2018	09:00:00	01/01/2019	00:00:00	14.37	400	8299	POLL C Booster fan amp limits	
46	Partial Forced Immed	06/22/2018	09:00:00	01/01/2019	00:00:00	1.62	400	8299	POLL C Booster fan amp limits	
46	Partial Forced Immed	06/22/2018	09:00:00	01/01/2019	00:00:00	151.67	400	8299	POLL C Booster fan amp limits	
46	Partial Forced Immed	06/22/2018	09:00:00	01/01/2019	00:00:00	1.17	400	8299	POLL C Booster fan amp limits	
46	Partial Forced Immed	06/22/2018	09:00:00	01/01/2019	00:00:00	12.72	400	8299	POLL C Booster fan amp limits	
46	Partial Forced Immed	06/22/2018	09:00:00	01/01/2019	00:00:00	9.28	400	8299	POLL C Booster fan amp limits	
46	Partial Forced Immed	06/22/2018	09:00:00	01/01/2019	00:00:00	176.58	400	8299	POLL C Booster fan amp limits	
46	Partial Forced Immed	06/22/2018	09:00:00	01/01/2019	00:00:00	0.72	400	8299	POLL C Booster fan amp limits	
46	Partial Forced Immed	06/22/2018	09:00:00	01/01/2019	00:00:00	65.12	400	8299	POLL C Booster fan amp limits	
46	Partial Forced Immed	06/22/2018	09:00:00	01/01/2019	00:00:00	5.3	400	8299	POLL C Booster fan amp limits	
46	Partial Forced Immed	06/22/2018	09:00:00	01/01/2019	00:00:00	64.28	400	8299	POLL C Booster fan amp limits	
46	Partial Forced Immed	06/22/2018	09:00:00	01/01/2019	00:00:00	38.67	400	8299	POLL C Booster fan amp limits	
59	Partial Forced Immed	07/24/2018	14:30:00	01/01/2019	00:00:00	25.75	390	1455	BLR ID Fans high amp limits	
59	Partial Forced Immed	07/24/2018	14:30:00	01/01/2019	00:00:00	1.08	390	1455	BLR ID Fans high amp limits	
59	Partial Forced Immed	07/24/2018	14:30:00	01/01/2019	00:00:00	120.92	390	1455	BLR ID Fans high amp limits	
59	Partial Forced Immed	07/24/2018	14:30:00	01/01/2019	00:00:00	30.77	390	1455	BLR ID Fans high amp limits	
59	Partial Forced Immed	07/24/2018	14:30:00	01/01/2019	00:00:00	14.37	390	1455	BLR ID Fans high amp limits	
59	Partial Forced Immed	07/24/2018	14:30:00	01/01/2019	00:00:00	1.62	390	1455	BLR ID Fans high amp limits	
59	Partial Forced Immed	07/24/2018	14:30:00	01/01/2019	00:00:00	151.67	390	1455	BLR ID Fans high amp limits	
59	Partial Forced Immed	07/24/2018	14:30:00	01/01/2019	00:00:00	1.17	390	1455	BLR ID Fans high amp limits	
59	Partial Forced Immed	07/24/2018	14:30:00	01/01/2019	00:00:00	12.72	390	1455	BLR ID Fans high amp limits	
59	Partial Forced Immed	07/24/2018	14:30:00	01/01/2019	00:00:00	9.28	390	1455	BLR ID Fans high amp limits	
59	Partial Forced Immed	07/24/2018	14:30:00	01/01/2019	00:00:00	176.58	390	1455	BLR ID Fans high amp limits	
59	Partial Forced Immed	07/24/2018	14:30:00	01/01/2019	00:00:00	0.72	390	1455	BLR ID Fans high amp limits	

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**Tampa Electric Company
Outage Listing
(09/01/2018 - 09/30/2018)**

Unit: BIG BEND 4 MDC: 470 Run Date: 10/9/2018

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
59	Partial Forced Immed	07/24/2018	14:30:00	01/01/2019	00:00:00	65.12	390	1455	BLR ID Fans high amp limits	
59	Partial Forced Immed	07/24/2018	14:30:00	01/01/2019	00:00:00	5.3	390	1455	BLR ID Fans high amp limits	
59	Partial Forced Immed	07/24/2018	14:30:00	01/01/2019	00:00:00	64.28	390	1455	BLR ID Fans high amp limits	
59	Partial Forced Immed	07/24/2018	14:30:00	01/01/2019	00:00:00	38.67	390	1455	BLR ID Fans high amp limits	
69	Partial Maintenance	09/02/2018	01:45:00	09/02/2018	02:50:00	1.08	260	4268	TURB Main turbine valve testing	
70	Partial Maintenance	09/07/2018	03:45:00	09/08/2018	10:31:00	30.77	150	8260	POLL D Booster fan bearings cooling water flow restriction.	
71	Partial Maintenance	09/09/2018	00:53:00	09/09/2018	02:30:00	1.62	260	4268	TURB Main turbine valve testing	
72	Partial Forced Immed	09/16/2018	11:05:00	09/16/2018	11:48:00	0.72	370	9620	RS&E Particulate matter limit	
73	Partial Forced Immed	09/19/2018	04:55:00	09/19/2018	10:13:00	5.3	200	8262	POLL C Booster fan tripped on high vibration	
74	Partial Forced Immed	09/22/2018	02:30:00	09/23/2018	17:10:00	38.67	380	9620	RS&E Particulate matter limit	
75	Partial Maintenance	09/30/2018	00:50:00	09/30/2018	02:00:00	1.17	250	4268	TURB Main turbine valve testing	
76	Partial Forced Immed	09/30/2018	14:43:00	01/01/2019	00:00:00	9.28	385	9620	RS&E Particulate matter limit	

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**Tampa Electric Company
Outage Listing
(09/01/2018 - 09/30/2018)**

Unit: POLK 1 MDC: 290 Run Date: 10/9/2018

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
58	Partial Forced Immed	09/07/2018	00:46:00	09/07/2018	04:06:00	3.33	250	6399	GASF Syngas Y strainer required cleaning	
59	Planned Derating	09/10/2018	06:29:00	01/01/2019	00:00:00	63.58	200	6399	GASF Gasification planned outage	
59	Planned Derating	09/10/2018	06:29:00	01/01/2019	00:00:00	33.42	200	6399	GASF Gasification planned outage	
59	Planned Derating	09/10/2018	06:29:00	01/01/2019	00:00:00	77.12	200	6399	GASF Gasification planned outage	
59	Planned Derating	09/10/2018	06:29:00	01/01/2019	00:00:00	323.4	200	6399	GASF Gasification planned outage	
60	Planned Outage	09/12/2018	22:04:00	09/14/2018	07:29:00	33.42	0	5260	GAST GTG Rotor replacement/HARP replacement, ended to	
61	Planned Outage	09/17/2018	12:36:00	01/01/2019	00:00:00	323.4	0	5260	GAST GTG Rotor replacement/HARP replacement, restart fo	

**Tampa Electric Company
Outage Listing
(09/01/2018 - 09/30/2018)**

Unit: POLK 2ST MDC: 479 Run Date: 10/9/2018

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
53	Maintenance Outage	09/16/2018	21:29:00	09/16/2018	22:59:00	1.5	0	4292	TURB	Fitting failure on Hydraulic filter duplex strainer
54	Full Forced Immed	09/06/2018	02:26:00	09/06/2018	09:26:00	7	0	9300	EXTL	230KV system fault on 2 phases, STG2 tripped on stal
55	Partial Forced Postponed	09/22/2018	20:26:00	09/23/2018	17:27:00	21.02	359	6299	COMB	HRSG3 Steam leak repairs at blowdown drum
56	Partial Forced Postponed	09/28/2018	21:33:00	09/29/2018	21:00:00	23.45	359	6299	COMB	HRSG4 leak on continuous blowdown valve packing

**Tampa Electric Company
Outage Listing
(09/01/2018 - 09/30/2018)**

Unit: POLK 2 MDC: 151 Run Date: 10/9/2018

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
51	Reserve Shutdown	09/02/2018	00:22:00	09/02/2018	09:35:00	9.22	0	0000	UNKN	RESERVE SHUTDOWN
52	Full Forced Immed	09/06/2018	02:26:00	09/06/2018	10:30:00	8.07	0	9300	EXTL	230KV system fault on 2 phases, GTG2 tripped on dis
53	Reserve Shutdown	09/22/2018	00:14:00	09/22/2018	09:32:00	9.3	0	0000	UNKN	RESERVE SHUTDOWN
54	Reserve Shutdown	09/24/2018	01:03:00	09/24/2018	09:40:00	8.62	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(09/01/2018 - 09/30/2018)**

Unit: POLK 3 MDC: 151 Run Date: 10/9/2018

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
55	Reserve Shutdown	08/31/2018	21:14:00	09/01/2018	08:38:00	8.63	0	0000	UNKN	RESERVE SHUTDOWN
56	Reserve Shutdown	09/03/2018	00:24:00	09/03/2018	10:43:00	10.32	0	0000	UNKN	RESERVE SHUTDOWN
57	Reserve Shutdown	09/03/2018	23:45:00	09/04/2018	06:53:00	7.13	0	0000	UNKN	RESERVE SHUTDOWN
58	Full Forced Immed	09/06/2018	02:26:00	09/06/2018	13:28:00	11.03	0	9300	EXTL	230KV system fault on 2 phases, GTG3 tripped on dis
59	Reserve Shutdown	09/12/2018	20:54:00	09/12/2018	23:14:00	2.33	0	0000	UNKN	RESERVE SHUTDOWN
60	Reserve Shutdown	09/22/2018	20:26:00	09/23/2018	17:27:00	21.02	0	0000	UNKN	Reserve Shudown, HRSG3 Blowdown leak repair
61	Reserve Shutdown	09/23/2018	18:21:00	09/23/2018	19:24:00	1.05	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(09/01/2018 - 09/30/2018)**

Unit: POLK 4 MDC: 151 Run Date: 10/9/2018

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
48	Reserve Shutdown	09/01/2018	00:30:00	09/01/2018	10:17:00	9.78	0	0000	UNKN	RESERVE SHUTDOWN
50	Reserve Shutdown	09/03/2018	22:26:00	09/04/2018	05:47:00	7.35	0	0000	UNKN	RESERVE SHUTDOWN
51	Reserve Shutdown	09/05/2018	00:53:00	09/05/2018	10:11:00	9.3	0	0000	UNKN	RESERVE SHUTDOWN
52	Reserve Shutdown	09/05/2018	22:24:00	09/06/2018	12:12:00	13.8	0	0000	UNKN	RESERVE SHUTDOWN
53	Reserve Shutdown	09/20/2018	21:05:00	09/21/2018	11:06:00	14.02	0	0000	UNKN	RESERVE SHUTDOWN
54	Reserve Shutdown	09/28/2018	21:33:00	09/29/2018	06:00:00	8.45	0	0000	UNKN	RESERVE SHUTDOWN
55	Full Forced Immed	09/29/2018	06:00:00	09/29/2018	10:30:00	4.5	0	5130	GAST	LCI Main disconnet relay failed

**Tampa Electric Company
Outage Listing
(09/01/2018 - 09/30/2018)**

Unit: POLK 5 MDC: 151 Run Date: 10/9/2018

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
62	Reserve Shutdown	09/02/2018	21:44:00	09/03/2018	09:14:00	11.5	0	0000	UNKN	RESERVE SHUTDOWN
63	Reserve Shutdown	09/06/2018	06:50:00	09/06/2018	07:37:00	0.78	0	0000	UNKN	RESERVE SHUTDOWN
64	Reserve Shutdown	09/25/2018	03:02:00	09/25/2018	09:34:00	6.53	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(09/01/2018 - 09/30/2018)**

Unit: BAYSIDE ST1 MDC: 236 Run Date: 10/9/2018

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
29	Partial Maintenance	09/19/2018	05:18:00	09/19/2018	13:00:00	7.7	157	5050	GAST	ST1 Derated - 1A CT failed to light off

**Tampa Electric Company
Outage Listing
(09/01/2018 - 09/30/2018)**

Unit: BAYSIDE CT1A MDC: 158 Run Date: 10/9/2018

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
133	Reserve Shutdown	09/03/2018	18:49:00	09/04/2018	11:43:00	16.9	0	0000	UNKN	RESERVE SHUTDOWN
134	Reserve Shutdown	09/04/2018	18:07:00	09/05/2018	05:48:00	11.68	0	0000	UNKN	RESERVE SHUTDOWN
135	Reserve Shutdown	09/05/2018	19:52:00	09/06/2018	02:53:00	7.02	0	0000	UNKN	RESERVE SHUTDOWN
136	Reserve Shutdown	09/06/2018	18:49:00	09/07/2018	09:19:00	14.5	0	0000	UNKN	RESERVE SHUTDOWN
137	Reserve Shutdown	09/07/2018	20:42:00	09/08/2018	09:23:00	12.68	0	0000	UNKN	RESERVE SHUTDOWN
138	Reserve Shutdown	09/09/2018	00:11:00	09/09/2018	12:32:00	12.35	0	0000	UNKN	RESERVE SHUTDOWN
139	Reserve Shutdown	09/09/2018	23:47:00	09/10/2018	10:46:00	10.98	0	0000	UNKN	RESERVE SHUTDOWN
140	Reserve Shutdown	09/11/2018	00:05:00	09/11/2018	11:40:00	11.58	0	0000	UNKN	RESERVE SHUTDOWN
141	Reserve Shutdown	09/11/2018	21:19:00	09/12/2018	05:27:00	8.13	0	0000	UNKN	RESERVE SHUTDOWN
142	Reserve Shutdown	09/13/2018	00:08:00	09/13/2018	09:29:00	9.35	0	0000	UNKN	RESERVE SHUTDOWN
143	Reserve Shutdown	09/13/2018	23:54:00	09/14/2018	09:42:00	9.8	0	0000	UNKN	RESERVE SHUTDOWN
144	Reserve Shutdown	09/15/2018	02:20:00	09/15/2018	09:35:00	7.25	0	0000	UNKN	RESERVE SHUTDOWN
145	Reserve Shutdown	09/16/2018	00:46:00	09/16/2018	09:00:00	8.23	0	0000	UNKN	RESERVE SHUTDOWN
146	Reserve Shutdown	09/16/2018	23:58:00	09/17/2018	10:24:00	10.43	0	0000	UNKN	RESERVE SHUTDOWN
147	Reserve Shutdown	09/17/2018	22:16:00	09/18/2018	05:46:00	7.5	0	0000	UNKN	RESERVE SHUTDOWN
148	Reserve Shutdown	09/18/2018	22:31:00	09/19/2018	05:18:00	6.78	0	0000	UNKN	RESERVE SHUTDOWN
149	Maintenance Outage	09/19/2018	05:19:00	09/19/2018	13:00:00	7.68	0	5050	GAST	Gas Turbine failed to light off
150	Reserve Shutdown	09/19/2018	13:01:00	09/19/2018	13:22:00	0.35	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(09/01/2018 - 09/30/2018)**

Unit: BAYSIDE CT1B MDC: 158 Run Date: 10/9/2018

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
118	Reserve Shutdown	09/01/2018	00:01:00	09/01/2018	12:39:00	12.63	0	0000	UNKN	RESERVE SHUTDOWN
127	Reserve Shutdown	09/01/2018	21:25:00	09/02/2018	13:13:00	15.8	0	0000	UNKN	RESERVE SHUTDOWN
128	Reserve Shutdown	09/02/2018	18:32:00	09/04/2018	10:07:00	39.58	0	0000	UNKN	RESERVE SHUTDOWN
129	Reserve Shutdown	09/04/2018	21:05:00	09/05/2018	10:48:00	13.72	0	0000	UNKN	RESERVE SHUTDOWN
130	Reserve Shutdown	09/18/2018	00:24:00	09/18/2018	10:17:00	9.88	0	0000	UNKN	RESERVE SHUTDOWN
131	Reserve Shutdown	09/19/2018	20:42:00	09/20/2018	09:24:00	12.7	0	0000	UNKN	RESERVE SHUTDOWN
132	Reserve Shutdown	09/20/2018	19:44:00	09/21/2018	05:50:00	10.1	0	0000	UNKN	RESERVE SHUTDOWN
133	Reserve Shutdown	09/21/2018	15:14:00	09/22/2018	09:44:00	18.5	0	0000	UNKN	RESERVE SHUTDOWN
134	Reserve Shutdown	09/22/2018	22:14:00	09/23/2018	08:54:00	10.67	0	0000	UNKN	RESERVE SHUTDOWN
135	Reserve Shutdown	09/23/2018	20:32:00	09/24/2018	05:37:00	9.08	0	0000	UNKN	RESERVE SHUTDOWN
136	Reserve Shutdown	09/24/2018	22:01:00	09/25/2018	06:06:00	8.08	0	0000	UNKN	RESERVE SHUTDOWN
137	Reserve Shutdown	09/25/2018	19:42:00	09/26/2018	11:21:00	15.65	0	0000	UNKN	RESERVE SHUTDOWN
138	Reserve Shutdown	09/26/2018	22:10:00	09/27/2018	05:39:00	7.48	0	0000	UNKN	RESERVE SHUTDOWN
139	Reserve Shutdown	09/27/2018	21:08:00	09/28/2018	05:50:00	8.7	0	0000	UNKN	RESERVE SHUTDOWN
140	Reserve Shutdown	09/28/2018	23:25:00	09/29/2018	09:08:00	9.72	0	0000	UNKN	RESERVE SHUTDOWN
141	Reserve Shutdown	09/30/2018	00:31:00	09/30/2018	10:54:00	10.38	0	0000	UNKN	RESERVE SHUTDOWN
142	Reserve Shutdown	09/30/2018	20:53:00	09/30/2018	23:59:00	3.1	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(09/01/2018 - 09/30/2018)**

Unit: BAYSIDE CT1C MDC: 158 Run Date: 10/9/2018

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
139	Reserve Shutdown	09/01/2018	00:01:00	09/01/2018	09:06:00	9.08	0	0000	UNKN RESERVE SHUTDOWN	
141	Reserve Shutdown	09/01/2018	19:27:00	09/02/2018	10:13:00	14.77	0	0000	UNKN RESERVE SHUTDOWN	
142	Reserve Shutdown	09/02/2018	15:40:00	09/03/2018	11:29:00	19.82	0	0000	UNKN RESERVE SHUTDOWN	
143	Reserve Shutdown	09/05/2018	21:15:00	09/06/2018	04:20:00	7.08	0	0000	UNKN RESERVE SHUTDOWN	
144	Reserve Shutdown	09/06/2018	21:08:00	09/07/2018	11:10:00	14.03	0	0000	UNKN RESERVE SHUTDOWN	
145	Reserve Shutdown	09/07/2018	22:33:00	09/08/2018	11:14:00	12.68	0	0000	UNKN RESERVE SHUTDOWN	
146	Reserve Shutdown	09/08/2018	23:28:00	09/09/2018	10:57:00	11.48	0	0000	UNKN RESERVE SHUTDOWN	
147	Reserve Shutdown	09/09/2018	20:45:00	09/10/2018	08:40:00	11.92	0	0000	UNKN RESERVE SHUTDOWN	
148	Reserve Shutdown	09/10/2018	20:45:00	09/11/2018	05:33:00	8.8	0	0000	UNKN RESERVE SHUTDOWN	
149	Reserve Shutdown	09/12/2018	00:23:00	09/13/2018	10:01:00	33.63	0	0000	UNKN RESERVE SHUTDOWN	
150	Reserve Shutdown	09/14/2018	23:27:00	09/15/2018	08:22:00	8.92	0	0000	UNKN RESERVE SHUTDOWN	
151	Reserve Shutdown	09/16/2018	22:19:00	09/17/2018	05:43:00	7.4	0	0000	UNKN RESERVE SHUTDOWN	
152	Reserve Shutdown	09/18/2018	23:47:00	09/19/2018	06:35:00	6.8	0	0000	UNKN RESERVE SHUTDOWN	
153	Reserve Shutdown	09/19/2018	21:36:00	09/20/2018	11:21:00	13.75	0	0000	UNKN RESERVE SHUTDOWN	
154	Reserve Shutdown	09/21/2018	01:06:00	09/21/2018	10:42:00	9.6	0	0000	UNKN RESERVE SHUTDOWN	
155	Reserve Shutdown	09/21/2018	21:41:00	09/22/2018	11:49:00	14.13	0	0000	UNKN RESERVE SHUTDOWN	
156	Reserve Shutdown	09/23/2018	01:30:00	09/23/2018	10:55:00	9.42	0	0000	UNKN RESERVE SHUTDOWN	
157	Reserve Shutdown	09/23/2018	23:53:00	09/24/2018	11:29:00	11.6	0	0000	UNKN RESERVE SHUTDOWN	
158	Reserve Shutdown	09/25/2018	00:39:00	09/25/2018	11:40:00	11.02	0	0000	UNKN RESERVE SHUTDOWN	
159	Reserve Shutdown	09/25/2018	23:56:00	09/26/2018	08:51:00	8.92	0	0000	UNKN RESERVE SHUTDOWN	
160	Reserve Shutdown	09/27/2018	00:31:00	09/27/2018	10:55:00	10.4	0	0000	UNKN RESERVE SHUTDOWN	
161	Reserve Shutdown	09/27/2018	23:44:00	09/28/2018	10:41:00	10.95	0	0000	UNKN RESERVE SHUTDOWN	
162	Reserve Shutdown	09/29/2018	02:10:00	09/29/2018	10:41:00	8.52	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company
Outage Listing
(09/01/2018 - 09/30/2018)**

Unit: BAYSIDE ST2 MDC: 308 Run Date: 10/9/2018

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
53	Partial Maintenance	09/07/2018	17:53:00	09/16/2018	12:40:00	210.78	231	1040	BLR	ST2 Derated - 2C HP Evap tube leak

**Tampa Electric Company
Outage Listing
(09/01/2018 - 09/30/2018)**

Unit: BAYSIDE CT2A MDC: 158 Run Date: 10/9/2018

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
119	Reserve Shutdown	09/01/2018	00:01:00	09/01/2018	11:04:00	11.05	0	0000	UNKN	RESERVE SHUTDOWN
121	Reserve Shutdown	09/01/2018	23:22:00	09/02/2018	11:00:00	11.63	0	0000	UNKN	RESERVE SHUTDOWN
122	Reserve Shutdown	09/02/2018	16:55:00	09/03/2018	09:53:00	16.97	0	0000	UNKN	RESERVE SHUTDOWN
123	Reserve Shutdown	09/03/2018	14:31:00	09/04/2018	13:23:00	22.87	0	0000	UNKN	RESERVE SHUTDOWN
124	Reserve Shutdown	09/04/2018	23:21:00	09/05/2018	12:03:00	12.7	0	0000	UNKN	RESERVE SHUTDOWN
125	Reserve Shutdown	09/05/2018	23:34:00	09/06/2018	07:16:00	7.7	0	0000	UNKN	RESERVE SHUTDOWN
126	Reserve Shutdown	09/06/2018	20:13:00	09/07/2018	10:25:00	14.2	0	0000	UNKN	RESERVE SHUTDOWN
127	Reserve Shutdown	09/08/2018	00:25:00	09/08/2018	10:08:00	9.72	0	0000	UNKN	RESERVE SHUTDOWN
128	Reserve Shutdown	09/08/2018	18:20:00	09/09/2018	10:02:00	15.7	0	0000	UNKN	RESERVE SHUTDOWN
129	Reserve Shutdown	09/09/2018	21:22:00	09/10/2018	09:31:00	12.15	0	0000	UNKN	RESERVE SHUTDOWN
130	Reserve Shutdown	09/10/2018	22:29:00	09/11/2018	08:43:00	10.23	0	0000	UNKN	RESERVE SHUTDOWN
131	Reserve Shutdown	09/11/2018	23:21:00	09/12/2018	07:12:00	7.85	0	0000	UNKN	RESERVE SHUTDOWN
132	Reserve Shutdown	09/12/2018	23:42:00	09/13/2018	06:43:00	7.02	0	0000	UNKN	RESERVE SHUTDOWN
133	Reserve Shutdown	09/15/2018	22:44:00	09/16/2018	07:39:00	8.92	0	0000	UNKN	RESERVE SHUTDOWN
134	Reserve Shutdown	09/16/2018	23:30:00	09/17/2018	09:38:00	10.13	0	0000	UNKN	RESERVE SHUTDOWN
135	Reserve Shutdown	09/17/2018	23:30:00	09/18/2018	10:46:00	11.27	0	0000	UNKN	RESERVE SHUTDOWN
136	Reserve Shutdown	09/19/2018	01:27:00	09/19/2018	10:16:00	8.82	0	0000	UNKN	RESERVE SHUTDOWN
137	Reserve Shutdown	09/19/2018	23:58:00	09/20/2018	12:10:00	12.2	0	0000	UNKN	RESERVE SHUTDOWN
138	Reserve Shutdown	09/20/2018	23:48:00	09/21/2018	12:02:00	12.23	0	0000	UNKN	RESERVE SHUTDOWN
139	Reserve Shutdown	09/21/2018	22:53:00	09/22/2018	12:26:00	13.55	0	0000	UNKN	RESERVE SHUTDOWN
140	Reserve Shutdown	09/23/2018	00:04:00	09/23/2018	11:39:00	11.58	0	0000	UNKN	RESERVE SHUTDOWN
141	Reserve Shutdown	09/23/2018	21:54:00	09/24/2018	12:09:00	14.25	0	0000	UNKN	RESERVE SHUTDOWN
142	Reserve Shutdown	09/24/2018	23:37:00	09/25/2018	10:21:00	10.73	0	0000	UNKN	RESERVE SHUTDOWN
143	Reserve Shutdown	09/25/2018	23:19:00	09/26/2018	06:14:00	6.92	0	0000	UNKN	RESERVE SHUTDOWN
144	Reserve Shutdown	09/26/2018	23:43:00	09/27/2018	09:39:00	9.93	0	0000	UNKN	RESERVE SHUTDOWN
145	Reserve Shutdown	09/27/2018	23:04:00	09/28/2018	09:22:00	10.3	0	0000	UNKN	RESERVE SHUTDOWN
146	Reserve Shutdown	09/29/2018	00:26:00	09/29/2018	10:13:00	9.78	0	0000	UNKN	RESERVE SHUTDOWN
147	Reserve Shutdown	09/30/2018	02:08:00	09/30/2018	12:14:00	10.1	0	0000	UNKN	RESERVE SHUTDOWN

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**Tampa Electric Company
Outage Listing
(09/01/2018 - 09/30/2018)**

Unit: BAYSIDE CT2B MDC: 158 Run Date: 10/9/2018

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
110	Reserve Shutdown	09/01/2018	00:01:00	09/04/2018	10:49:00	82.8	0	0000	UNKN	RESERVE SHUTDOWN
112	Reserve Shutdown	09/04/2018	19:16:00	09/05/2018	10:04:00	14.8	0	0000	UNKN	RESERVE SHUTDOWN
113	Reserve Shutdown	09/06/2018	00:50:00	09/06/2018	09:38:00	8.8	0	0000	UNKN	RESERVE SHUTDOWN
114	Reserve Shutdown	09/06/2018	23:45:00	09/07/2018	12:27:00	12.7	0	0000	UNKN	RESERVE SHUTDOWN
115	Reserve Shutdown	09/08/2018	19:32:00	09/09/2018	11:42:00	16.17	0	0000	UNKN	RESERVE SHUTDOWN
116	Reserve Shutdown	09/10/2018	00:39:00	09/10/2018	12:19:00	11.67	0	0000	UNKN	RESERVE SHUTDOWN
117	Reserve Shutdown	09/11/2018	01:04:00	09/11/2018	10:48:00	9.73	0	0000	UNKN	RESERVE SHUTDOWN
118	Reserve Shutdown	09/12/2018	01:44:00	09/12/2018	10:52:00	9.13	0	0000	UNKN	RESERVE SHUTDOWN
119	Reserve Shutdown	09/13/2018	01:37:00	09/13/2018	10:18:00	8.68	0	0000	UNKN	RESERVE SHUTDOWN
120	Reserve Shutdown	09/13/2018	21:23:00	09/14/2018	09:01:00	11.63	0	0000	UNKN	RESERVE SHUTDOWN
121	Reserve Shutdown	09/15/2018	00:01:00	09/15/2018	09:06:00	9.08	0	0000	UNKN	RESERVE SHUTDOWN
122	Reserve Shutdown	09/16/2018	02:17:00	09/16/2018	09:57:00	7.67	0	0000	UNKN	RESERVE SHUTDOWN
123	Reserve Shutdown	09/17/2018	01:14:00	09/17/2018	11:18:00	10.07	0	0000	UNKN	RESERVE SHUTDOWN
124	Reserve Shutdown	09/18/2018	01:00:00	09/18/2018	09:49:00	8.82	0	0000	UNKN	RESERVE SHUTDOWN
125	Reserve Shutdown	09/19/2018	00:27:00	09/19/2018	09:21:00	8.9	0	0000	UNKN	RESERVE SHUTDOWN
126	Reserve Shutdown	09/19/2018	22:59:00	09/20/2018	10:01:00	11.03	0	0000	UNKN	RESERVE SHUTDOWN
127	Reserve Shutdown	09/20/2018	22:10:00	09/21/2018	09:04:00	10.9	0	0000	UNKN	RESERVE SHUTDOWN
128	Reserve Shutdown	09/21/2018	20:57:00	09/22/2018	10:57:00	14	0	0000	UNKN	RESERVE SHUTDOWN
129	Reserve Shutdown	09/22/2018	19:26:00	09/23/2018	09:54:00	14.47	0	0000	UNKN	RESERVE SHUTDOWN
130	Reserve Shutdown	09/23/2018	20:03:00	09/24/2018	10:10:00	14.12	0	0000	UNKN	RESERVE SHUTDOWN
131	Reserve Shutdown	09/24/2018	19:51:00	09/25/2018	03:32:00	7.68	0	0000	UNKN	RESERVE SHUTDOWN
132	Reserve Shutdown	09/26/2018	01:27:00	09/26/2018	10:22:00	8.92	0	0000	UNKN	RESERVE SHUTDOWN
133	Reserve Shutdown	09/27/2018	01:57:00	09/27/2018	12:04:00	10.12	0	0000	UNKN	RESERVE SHUTDOWN
134	Reserve Shutdown	09/28/2018	00:55:00	09/28/2018	11:55:00	11	0	0000	UNKN	RESERVE SHUTDOWN
135	Reserve Shutdown	09/29/2018	22:20:00	09/30/2018	10:06:00	11.77	0	0000	UNKN	RESERVE SHUTDOWN
136	Reserve Shutdown	09/30/2018	22:14:00	09/30/2018	23:59:00	1.75	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(09/01/2018 - 09/30/2018)**

Unit: BAYSIDE CT2C MDC: 158 Run Date: 10/9/2018

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
83	Maintenance Outage	09/07/2018	17:57:00	09/16/2018	12:40:00	210.72	0	3834	BLPT	tube leaks in the hp section
84	Reserve Shutdown	09/16/2018	12:41:00	09/16/2018	13:08:00	0.45	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(09/01/2018 - 09/30/2018)**

Unit: BAYSIDE CT2D MDC: 158 Run Date: 10/9/2018

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
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EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC

Tampa Electric Company
Actual Unit Performance
Outage Listing Abbreviations and Descriptions

AGA	Acid Gas Absorber	IP	Intermediate Pressure
APH	Air Preheater	KO	Knock Out
ASU	Air Separation Unit	LCI	Load Commutated Inverter
BFP	Boiler Feed Pump	LOTO	Lock Out Tag Out
BFPT	Boiler Feed Pump Turbine	LOX	Low Oxygen
CO	Carbon Monoxide	LP	Low Pressure
CO ₂	Carbon Dioxide	LVDT	Linear Variable Differential Transducer
COS	Carbonyl Sulfide	MAC	Main Air Compressor
CRH	Cold Reheat	MkVIe	Mark 6e GE Logic Controller
CSC	Convective Syngas Coolers	MOC	Motor Operated Control
CT	Combustion Turbine	MOV	Motor Operated Valve
DA	Deaerator	N ₂	Nitrogen
DCS	Digital Control System	PLC	Programmable Logic Controller
EGT	Exit Gas Temperature	Pp	Pump
EH	Electro Hydraulic	R/R	Remove and replace
FAT	Final Absorber Tower	RATA	Relative Accuracy Test Audit
FD	Forced Draft	RSV	Reheat Stop Valve
Fdwtr	Feed water	RTD	Resistance Temperature Device
FGD	Flue Gas Desulfurization	SAP	Sulfuric Acid Plant
GEHO	Manufacturer of Slurry Pump	ST	Steam Turbine
GTG	Gas Turbine Generator	STARSS	Strategic Anti-Rotating Stall Schedule
HP	High Pressure	T/R	Transformer Rectifier
HRSG	Heat Recovery Steam Generator	TC	Thermocouple
HX	Heat Exchanger	WWTL	Water wall tube leak
IAS	Instrument Air Supply	ZBL	Zero Ball Loss condenser cleaning system
ID	Induced Draft		