

# AUSLEY & McMULLEN

ATTORNEYS AND COUNSELORS AT LAW

123 SOUTH CALHOUN STREET  
P.O. BOX 391 (ZIP 32302)  
TALLAHASSEE, FLORIDA 32301  
(850) 224-9115 FAX (850) 222-7560

January 25, 2018

**ELECTRONIC FILING**

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

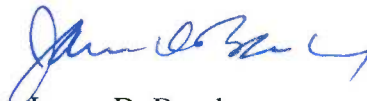
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance  
Incentive Factor; FPSC Docket No. 20180001-EI

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 December 2017.

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 January 2018 to the following:

Ms. Suzanne Brownless  
Office of the General Counsel  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399-0850  
[sbrownle@psc.state.fl.us](mailto:sbrownle@psc.state.fl.us)

Ms. Patricia A. Christensen  
Associate Public Counsel  
Office of Public Counsel  
111 West Madison Street – Room 812  
Tallahassee, FL 32399-1400  
[christensen.patty@leg.state.fl.us](mailto:christensen.patty@leg.state.fl.us)

Ms. Dianne M. Triplett  
Duke Energy Florida, Inc.  
299 First Avenue North  
St. Petersburg, FL 33701  
[Dianne.triplett@duke-energy.com](mailto:Dianne.triplett@duke-energy.com)

Mr. Matthew R. Bernier  
Senior Counsel  
Duke Energy Florida, Inc.  
106 East College Avenue, Suite 800  
Tallahassee, FL 32301-7740  
[Matthew.bernier@duke-energy.com](mailto:Matthew.bernier@duke-energy.com)

Mr. Jon C Moyle, Jr.  
Moyle Law Firm  
118 North Gadsden Street  
Tallahassee, FL 32301  
[jmoyle@moylelaw.com](mailto:jmoyle@moylelaw.com)

Rhonda J. Alexander  
Regulatory, Forecasting & Pricing Manager  
Gulf Power Company  
One Energy Place  
Pensacola, FL 32520-0780  
[rjalexad@southernco.com](mailto:rjalexad@southernco.com)

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

Mr. John T. Butler  
Maria Moncada  
Assistant General Counsel – Regulatory  
Florida Power & Light Company  
700 Universe Boulevard (LAW/JB)  
Juno Beach, FL 33408-0420  
[john.butler@fpl.com](mailto:john.butler@fpl.com)  
[maria.moncada@fpl.com](mailto:maria.moncada@fpl.com)

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

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

Mr. Jeffrey A. Stone  
General Counsel  
Gulf Power Company  
One Energy Place  
Pensacola, FL 32520-0100  
[jastone@southernco.com](mailto:jastone@southernco.com)

Mr. Robert Scheffel Wright  
Mr. John T. LaVia, III  
Gardner, Bist, Wiener, Wadsworth,  
Bowden, Bush, Dee, LaVia & Wright, P.A.  
1300 Thomaswood Drive  
Tallahassee, FL 32308  
[Schef@gbwlegal.com](mailto:Schef@gbwlegal.com)  
[Jlavia@gbwlegal.com](mailto:Jlavia@gbwlegal.com)

Mr. Russell A. Badders  
Mr. Steven R. Griffin  
Beggs & Lane  
Post Office Box 12950  
Pensacola, FL 32591  
[rab@beggslane.com](mailto:rab@beggslane.com)  
[srg@beggslane.com](mailto:srg@beggslane.com)

Mr. James W. Brew  
Ms. Laura A. Wynn  
Stone Mattheis Xenopoulos & Brew, PC  
1025 Thomas Jefferson Street, NW  
Eighth Floor, West Tower  
Washington, D.C. 20007-5201  
[jbrew@smxblaw.com](mailto:jbrew@smxblaw.com)  
[laura.wynn@smxblaw.com](mailto:laura.wynn@smxblaw.com)

  
\_\_\_\_\_  
ATTORNEY

## ACTUAL UNIT PERFORMANCE DATA

JANUARY 2017 - DECEMBER 2017

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
	JAN 17	FEB 17	MAR 17	APR 17	MAY 17	JUN 17	JUL 17	AUG 17	SEP 17	OCT 17	NOV 17	DEC 17	2017
1. EAF (%)	99.1	99.5	51.5	0.0	53.4	65.4	72.8	100.0	94.8	86.8	45.3	85.3	71.1
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8760
3. SH	739.1	672.0	383.1	0.0	397.8	313.2	542.0	744.0	635.1	388.5	0.0	314.4	5129.3
4. RSH	0.0	0.0	0.0	0.0	0.0	164.8	0.0	0.0	47.3	257.5	326.5	340.4	1136.5
5. UH	4.9	0.0	359.9	720.0	346.2	242.0	202.0	0.0	37.6	98.0	394.5	89.2	2494.2
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	144.0	0.0	144.0
7. FOH	4.9	0.0	359.9	720.0	346.2	83.8	202.0	0.0	37.6	98.0	0.0	1.6	1853.9
8. MOH	0.0	0.0	0.0	0.0	0.0	158.2	0.0	0.0	0.0	0.0	250.5	87.6	496.3
9. PFOH	12.2	12.4	0.0	0.0	1.6	14.0	0.0	0.0	0.0	0.0	0.0	38.3	78.5
10. LR PF (MW)	47.0	67.5	0.0	0.0	197.2	197.2	0.0	0.0	0.0	0.0	0.0	206.9	158.1
11. PMOH	0.0	2.1	0.9	0.0	0.3	0.0	0.5	0.0	0.0	0.0	0.0	0.0	3.7
12. LR PM (MW)	47.0	228.5	218.4	0.0	75.1	0.0	272.3	0.0	0.0	0.0	0.0	0.0	221.7
13. NSC (MW)	395	395	395	385	385	385	385	385	385	385	385	395	388
14. OPR BTU(GBTU)	2174.4504	1909.7752	1030.0702	0.0000	1246.9803	807.2281	759.5130	1200.1930	976.1410	539.2950	0.0000	509.2980	11152.9443
15. NET GEN (MWH)	202470	167343	95573	0	115639	71182	68839	93182	79757	44560	0	45670	984215
16. ANOHR (BTU/KWH)	10740	11412	10778	0	10783	11340	11033	12880	12239	12103	0	11152	11332
17. NOF (%)	69.4	63.0	63.2	0.0	75.5	59.0	33.0	32.5	32.6	29.8	0.0	36.8	49.4
18. NPC (MW)	395	395	395	385	385	385	385	385	385	385	385	395	388
19. ANOHR EQUATION	ANOHR = NOF ( -15.843 ) + 12,087												

ORIGINAL SHEET NO. 8.401.17A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2017 - DECEMBER 2017

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 17	FEB 17	MAR 17	APR 17	MAY 17	JUN 17	JUL 17	AUG 17	SEP 17	OCT 17	NOV 17	DEC 17	2017
1. EAF (%)	75.0	77.1	55.6	54.1	31.8	95.4	0.0	23.2	63.1	80.1	56.2	91.0	58.3
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8760
3. SH	583.1	583.0	23.3	415.3	269.5	688.4	0.0	172.3	432.8	595.9	214.3	455.6	4433.5
4. RSH	24.5	0.0	389.7	0.0	0.0	0.0	0.0	0.0	21.7	0.0	190.7	288.4	915.0
5. UH	136.4	89.0	330.0	304.7	474.5	31.6	744.0	571.7	265.5	148.1	316.0	0.0	3411.5
6. POH	0.0	0.0	0.0	256.7	78.0	0.0	0.0	0.0	0.0	0.0	316.0	0.0	650.7
7. FOH	73.4	89.0	330.0	48.0	396.5	31.6	744.0	539.9	54.3	142.2	0.0	0.0	2449.0
8. MOH	63.0	0.0	0.0	0.0	0.0	0.0	0.0	31.8	211.1	5.9	0.0	0.0	311.8
9. PFOH	293.7	572.9	0.0	406.3	88.2	5.5	0.0	0.0	0.0	0.0	0.0	135.4	1502.0
10. LR PF (MW)	66.3	44.4	0.0	24.6	144.1	56.3	0.0	0.0	0.0	0.0	0.0	195.0	62.8
11. PMOH	0.3	1.5	0.0	0.4	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.3
12. LR PM (MW)	206.9	200.5	0.0	189.7	0.0	203.7	0.0	0.0	0.0	0.0	0.0	0.0	201.0
13. NSC (MW)	395	395	395	385	385	385	385	385	385	385	385	395	388
14. OPR BTU(GBTU)	1868.6660	1687.6119	39.4345	1309.0914	856.2088	2329.4673	0.0000	243.4350	1014.2927	2097.5085	292.1400	644.5510	12382.4069
15. NET GEN (MWH)	170150	152752	3410	125802	75289	216749	0	23266	85352	191070	27055	56149	1127044
16. ANOHR (BTU/KWH)	10982	11048	11564	10406	11372	10747	0	10463	11884	10978	10798	11479	10987
17. NOF (%)	73.9	66.3	37.0	78.7	72.6	81.8	0.0	35.1	51.2	83.3	32.8	31.2	65.5
18. NPC (MW)	395	395	395	385	385	385	385	385	385	385	385	395	388
19. ANOHR EQUATION	ANOHR = NOF ( -5.963 ) + 11,063												

2

ORIGINAL SHEET NO. 8.401.17A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2017 - DECEMBER 2017

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 17	FEB 17	MAR 17	APR 17	MAY 17	JUN 17	JUL 17	AUG 17	SEP 17	OCT 17	NOV 17	DEC 17	2017
1. EAF (%)	75.3	79.6	49.6	39.5	82.0	52.9	88.1	71.5	13.6	0.0	0.0	45.3	49.8
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8760
3. SH	496.5	218.0	230.3	386.5	744.0	416.6	744.0	599.7	111.5	0.0	0.0	391.7	4338.7
4. RSH	85.4	333.0	160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	578.4
5. UH	162.1	121.0	352.7	333.5	0.0	303.4	0.0	144.3	608.5	744.0	721.0	352.3	3842.9
6. POH	0.0	121.0	188.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	309.5
7. FOH	162.1	0.0	164.2	333.5	0.0	303.4	0.0	0.0	608.5	744.0	721.0	352.3	3389.1
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	144.3	0.0	0.0	0.0	0.0	144.3
9. PFOH	222.2	218.0	104.7	276.5	600.2	404.0	744.0	571.9	111.5	0.0	0.0	165.2	3418.0
10. LR PF (MW)	38.7	29.4	82.9	145.4	88.3	34.5	46.9	46.9	47.0	0.0	0.0	132.6	64.3
11. PMOH	0.0	0.0	0.7	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.6
12. LR PM (MW)	211.8	0.0	155.3	0.0	0.0	107.0	0.0	230.4	0.0	0.0	0.0	0.0	127.6
13. NSC (MW)	400	400	400	395	395	395	395	395	395	395	395	400	397
14. OPR BTU(GBTU)	1586.7295	558.3993	654.5651	975.4322	1646.6407	1419.4383	2778.0870	2007.8563	315.9304	0.0000	0.0000	833.7226	12776.8015
15. NET GEN (MWH)	151724	50703	53355	87729	147110	131629	252389	188088	25966	0	0	78989	1167682
16. ANOHR BTU/KWH	10458	11013	12268	11119	11193	10784	11007	10675	12167	0	0	10555	10942
17. NOF (%)	76.4	58.1	57.9	57.5	50.1	80.0	85.9	79.4	59.0	0.0	0.0	50.4	67.8
18. NPC (MW)	400	400	400	395	395	395	395	395	395	395	395	400	397
19. ANOHR EQUATION	ANOHR = NOF ( -6.885 ) + 11,168												

3

ORIGINAL SHEET NO. 8.401.17A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2017 - DECEMBER 2017

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 17	FEB 17	MAR 17	APR 17	MAY 17	JUN 17	JUL 17	AUG 17	SEP 17	OCT 17	NOV 17	DEC 17	2017
1. EAF (%)	59.7	85.3	78.7	80.1	93.3	84.2	81.1	16.2	31.4	94.2	88.4	40.5	69.3
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8760
3. SH	443.6	582.3	603.5	617.2	744.0	715.1	735.8	183.7	235.4	744.0	721.0	373.9	6699.5
4. RSH	92.4	19.9	30.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	143.2
5. UH	207.9	69.8	108.6	102.8	0.0	4.9	8.2	560.3	484.6	0.0	0.0	370.1	1917.3
6. POH	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
7. FOH	207.9	69.8	0.0	102.8	0.0	4.9	8.2	10.1	375.5	0.0	0.0	0.0	779.4
8. MOH	0.0	0.0	108.6	0.0	0.0	0.0	0.0	550.2	109.1	0.0	0.0	370.1	1137.9
9. PFOH	409.3	121.9	601.6	374.5	449.6	683.9	704.0	183.7	176.0	732.2	721.0	354.1	5511.8
10. LR PF (MW)	99.1	100.7	35.5	46.8	48.5	68.8	81.3	149.7	23.1	25.4	50.7	90.5	61.0
11. PMOH	0.0	2.9	1.9	1.2	0.0	3.0	2.5	0.0	0.0	0.8	0.0	0.0	12.4
12. LR PM (MW)	190.8	227.0	234.2	205.9	0.0	182.7	257.3	0.0	0.0	220.4	0.0	0.0	221.0
13. NSC (MW)	442	442	442	437	437	437	437	437	437	437	437	442	439
14. OPR BTU(GBTU)	1421.8362	1988.2765	1901.4028	2252.1482	2941.4736	2553.8942	2683.3556	551.7338	873.4506	3108.3355	2466.9377	1320.0358	24062.8806
15. NET GEN (MWH)	135022	190073	179206	214373	275387	232573	243038	46553	83787	292516	229651	121502	2243681
16. ANOHR BTU/KWH	10530	10461	10610	10506	10681	10981	11041	11852	10425	10626	10742	10864	10725
17. NOF (%)	68.9	73.8	67.2	79.5	84.7	74.4	75.6	58.0	81.4	90.0	72.9	73.5	76.3
18. NPC (MW)	442	442	442	437	437	437	437	437	437	437	437	442	439
19. ANOHR EQUATION	ANOHR = NOF (-4.982) + 10,856												

ORIGINAL SHEET NO. 8.401.17A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2017 - DECEMBER 2017

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 17	FEB 17	MAR 17	APR 17	MAY 17	JUN 17	JUL 17	AUG 17	SEP 17	OCT 17	NOV 17	DEC 17	2017
1. EAF (%)	100.0	99.3	95.3	100.0	70.9	99.8	85.2	98.8	46.4	93.1	97.6	100.0	90.5
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8760
3. SH	744.0	667.1	708.0	720.0	527.3	718.4	633.6	735.0	204.6	526.2	703.7	744.0	7631.9
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	129.6	166.6	0.0	0.0	296.2
5. UH	0.0	4.9	35.0	0.0	216.7	1.6	110.4	9.0	385.7	51.2	17.3	0.0	831.9
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	370.4	11.3	0.0	0.0	381.6
7. FOH	0.0	4.9	35.0	0.0	116.5	1.6	1.0	9.0	15.4	40.0	17.3	0.0	240.6
8. MOH	0.0	0.0	0.0	0.0	100.3	0.0	109.4	0.0	0.0	0.0	0.0	0.0	209.7
9. 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
10. LR PF (MW)	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
11. 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
12. LR PM (MW)	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
13. NSC (MW)	220	220	220	220	220	220	220	220	220	220	220	220	220
14. OPR BTU(GBTU)	1565.3848	1450.1380	1538.4069	1710.0220	1277.8395	1495.2185	1416.4060	1583.3720	374.6209	734.3273	1475.7773	1602.0282	16223.5415
15. NET GEN (MWH)	155821	143609	165125	176605	119597	147389	135270	162911	35164	69439	157244	161377	1629551
16. ANOHR BTU/KWH	10046	10098	9317	9683	10685	10145	10471	9719	10654	10575	9385	9927	9956
17. NOF (%)	95.2	97.9	106.0	111.5	103.1	93.3	97.0	100.7	78.1	60.0	101.6	98.6	97.1
18. NPC (MW)	220	220	220	220	220	220	220	220	220	220	220	220	220
19. ANOHR EQUATION	ANOHR = NOF ( 9.523 ) + 9,121												

57



ORIGINAL SHEET NO. 8.401.17A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2017 - DECEMBER 2017

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 17	FEB 17	MAR 17	APR 17	MAY 17	JUN 17	JUL 17	AUG 17	SEP 17	OCT 17	NOV 17	DEC 17	2017
1. EAF (%)	98.0	98.9	0.0	70.0	99.3	97.5	97.5	96.9	96.8	98.8	100.0	86.0	86.5
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8760
3. SH	744.0	462.9	0.0	507.9	744.0	718.3	744.0	744.0	701.1	739.6	721.0	626.6	7453.4
4. RSH	0.0	204.8	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3	234.4
5. UH	0.0	4.3	743.0	195.8	0.0	1.7	0.0	0.0	18.9	4.4	0.0	104.1	1072.2
6. POH	0.0	1.3	743.0	167.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	104.1	1015.7
7. FOH	0.0	0.0	0.0	24.7	0.0	1.7	0.0	0.0	18.9	4.4	0.0	0.0	49.7
8. MOH	0.0	3.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9
9. PFOH	37.2	4.1	0.0	40.8	0.0	9.2	2.5	75.6	8.6	0.0	0.0	0.0	177.9
10. LR PF (MW)	264.0	264.0	0.0	224.6	0.0	198.1	233.7	214.7	233.7	0.0	0.0	0.0	228.7
11. PMOH	7.8	4.9	0.0	62.6	14.9	41.3	53.9	0.0	4.1	13.8	0.0	0.0	203.3
12. LR PM (MW)	264.0	264.0	0.0	79.5	233.7	233.7	233.7	0.0	233.7	233.7	0.0	53.1	188.1
13. NSC (MW)	792	792	792	701	701	701	701	701	701	701	701	792	731
14. OPR BTU(GBTU)	1479.0530	891.6450	0.0000	1198.8280	2122.6040	1755.5870	2162.7590	2488.3000	2615.9490	2112.6870	1979.9620	1381.3600	20188.7340
15. NET GEN (MWH)	197576	119609	-274	161007	288649	239671	290853	334517	353125	278963	263669	185552	2712917
16. ANOHR (BTU/KWH)	7486	7455	0	7446	7354	7325	7436	7438	7408	7573	7509	7445	7442
17. NOF (%)	33.5	32.6	0.0	45.2	55.3	47.6	55.8	64.1	71.9	53.8	52.2	37.4	49.8
18. NPC (MW)	792	792	792	701	701	701	701	701	701	701	701	792	731
19. ANOHR EQUATION	ANOHR = NOF (-9.906) + 8,039												

ORIGINAL SHEET NO. 8.401.17A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2017 - DECEMBER 2017

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 17	FEB 17	MAR 17	APR 17	MAY 17	JUN 17	JUL 17	AUG 17	SEP 17	OCT 17	NOV 17	DEC 17	2017
1. EAF (%)	70.3	50.0	97.5	97.0	87.8	89.2	90.9	95.4	97.4	79.9	76.9	90.4	85.5
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8760
3. SH	527.1	298.7	738.1	720.0	657.9	720.0	744.0	729.4	713.5	599.2	564.2	744.0	7756.2
4. RSH	0.0	42.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	52.2
5. UH	216.9	331.0	4.9	0.0	86.1	0.0	0.0	14.6	6.5	144.8	146.8	0.0	951.6
6. POH	216.9	312.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	144.8	146.8	0.0	820.8
7. FOH	0.0	18.7	4.9	0.0	62.2	0.0	0.0	0.0	6.5	0.0	0.0	0.0	92.3
8. MOH	0.0	0.0	0.0	0.0	23.9	0.0	0.0	14.6	0.0	0.0	0.0	0.0	38.5
9. PFOH	14.7	9.4	0.0	71.4	0.0	163.7	147.2	14.4	65.6	0.0	33.1	122.9	642.5
10. LR PF (MW)	261.8	261.8	0.0	232.3	0.0	232.3	232.3	232.3	157.1	0.0	232.3	261.8	231.3
11. PMOH	0.0	10.5	53.6	14.7	19.2	146.3	124.2	64.3	4.3	19.1	46.4	161.7	664.3
12. LR PM (MW)	261.8	261.8	261.8	232.3	232.3	232.3	232.3	232.3	229.3	232.5	232.3	261.8	242.3
13. NSC (MW)	1047	1047	1047	929	929	929	929	929	929	929	929	1047	968
14. OPR BTU(GBTU)	1189.6880	1114.2610	2384.3570	2374.7310	2156.8320	1906.5130	2500.5460	3170.0000	2923.7620	1272.6410	1110.4270	1936.6490	24040.4070
15. NET GEN (MWH)	157433	146101	318307	313417	278762	253553	320829	417625	387413	159540	141459	252109	3146548
16. ANOHR (BTU/KWH)	7557	7627	7491	7577	7737	7519	7794	7591	7547	7977	7850	7682	7640
17. NOF (%)	28.5	46.7	41.2	46.9	45.6	37.9	46.4	61.6	58.5	28.7	27.0	32.4	41.9
18. NPC (MW)	1047	1047	1047	929	929	929	929	929	929	929	929	1047	968
19. ANOHR EQUATION	ANOHR = NOF ( -7.777 ) + 7,937												

7

**Tampa Electric Company  
Outage Listing  
(12/01/2017 - 12/31/2017)**

Unit:		BIG BEND 1		MDC:		420		Run Date:		1/11/2018	
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	
47	Reserve Shutdown	11/23/2017	11:00:00	12/06/2017	03:15:00	123.25	0	0000	UNKN	RESERVE SHUTDOWN	
48	Partial Forced Immed	12/06/2017	03:15:00	12/07/2017	17:36:00	38.35	200	3240	BLPT	A Cooling tower fan unavailable (breaker issues)	
49	Maintenance Outage	12/07/2017	17:36:00	12/07/2017	21:24:00	3.8	0	0359	BLR	Natural gas pressure reducing valve repair	
50	Full Forced Immed	12/07/2017	22:07:00	12/07/2017	23:42:00	1.58	0	0359	BLR	Boiler tripped on loss of flame (igniter valve congruenc	
51	Maintenance Outage	12/19/2017	11:00:00	12/22/2017	22:50:00	83.83	0	0560	BLR	Hot RH steam line drain valve repair	
52	Reserve Shutdown	12/22/2017	22:50:00	12/31/2017	23:59:00	217.15	0	0000	UNKN	RESERVE SHUTDOWN	

**Tampa Electric Company  
Outage Listing  
(12/01/2017 - 12/31/2017)**

Unit:		BIG BEND 2		MDC:		420		Run Date:		1/11/2018	
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	
96	Reserve Shutdown	11/23/2017	01:20:00	12/13/2017	00:25:00	288.42	0	0000	UNKN	RESERVE SHUTDOWN	
97	Partial Forced Immed	12/13/2017	01:24:00	12/16/2017	04:07:00	74.72	225	1470	BLR	B ID Fan VFD fault	
98	Partial Forced Immed	12/16/2017	04:07:00	12/18/2017	04:00:00	47.88	190	3133	COND	C Air removal pump tripped causing loss of condenser	
99	Partial Forced Immed	12/18/2017	04:00:00	12/18/2017	16:50:00	12.83	225	1520	BLR	B ID Fan louver damper stuck	

**Tampa Electric Company  
Outage Listing  
(12/01/2017 - 12/31/2017)**

Unit:		BIG BEND 3		MDC:		425		Run Date:		1/11/2018	
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	
74	Full Forced Postponed	09/05/2017	15:28:00	12/04/2017	04:34:00	76.57	0	1100	BLR	Tube leak	
75	Full Forced Delayed	12/04/2017	09:18:00	12/09/2017	09:17:00	119.98	0	4281	TURB	Lube oil cooler inspection (elevated oil temps)	
76	Partial Forced Immed	12/09/2017	17:00:00	12/10/2017	07:25:00	14.42	150	4281	TURB	Elevated turbine oil temps. Suspect oil cooler pluggage	
77	Full Forced Immed	12/10/2017	07:25:00	12/10/2017	10:45:00	3.33	0	3979	BLPT	Igniter gas pressure setpoints lost after upgrades.	
78	Full Forced Immed	12/09/2017	10:42:00	12/09/2017	12:55:00	2.22	0	0359	BLR	12N gas trifecta valve closing delay. Boiler MFT trip.	
79	Partial Forced Immed	12/10/2017	10:45:00	12/12/2017	13:45:00	51	150	4281	TURB	Elevated turbine oil temps. Suspect oil cooler pluggage	
80	Full Forced Immed	12/12/2017	13:45:00	12/18/2017	12:43:00	142.97	0	9900	PERS	FGD inlet duct pressure trip. Load was raised without a	
81	Partial Forced Immed	12/21/2017	09:30:00	12/21/2017	14:30:00	5	220	3631	BLPT	B Air removal pump breaker overheated. Loss of cond	
82	Partial Forced Immed	12/27/2017	18:00:00	12/30/2017	19:52:00	73.87	380	1455	BLR	B ID Fan vibration limits.	
83	Full Forced Immed	12/30/2017	19:52:00	12/31/2017	03:06:00	7.23	0	4299	TURB	EHC pressure decayed	
84	Partial Forced Immed	12/31/2017	03:06:00	12/31/2017	23:59:00	20.88	380	1455	BLR	B ID Fan vibration limits.	

**Tampa Electric Company  
Outage Listing  
(12/01/2017 - 12/31/2017)**

Unit:		BIG BEND 4		MDC:		475		Run Date:		1/11/2018	
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	
200	Partial Forced Immed	11/23/2017	12:50:00	12/12/2017	09:05:00	273.08	380	3344	BLPT	B" DA makeup valve stuck open. BFP speed at upper	
201	Partial Forced Immed	12/12/2017	09:05:00	12/12/2017	15:05:00	6	370	1493	BLR	Air Preheater high differential pressure	
202	Partial Forced Immed	12/12/2017	15:05:00	12/12/2017	16:20:00	1.25	350	1493	BLR	Air Preheater high differential pressure	
203	Partial Forced Immed	12/12/2017	16:20:00	12/13/2017	23:26:00	31.1	330	1493	BLR	Air Preheater high differential pressure	
204	Maintenance Outage	12/13/2017	23:26:00	12/29/2017	09:32:00	370.1	0	3431	BLPT	BFP recirc valve repairs	
205	Partial Forced Immed	12/30/2017	05:20:00	12/31/2017	23:59:00	42.65	400	1455	BLR	A ID Fan vibration limits	

**Tampa Electric Company  
Outage Listing  
(12/01/2017 - 12/31/2017)**

Unit:		POLK 1		MDC:		290		Run Date:		1/11/2018	
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	
66	Partial Forced Immed	12/05/2017	02:50:00	12/06/2017	18:12:00	39.37	200	6399	GASF	2F, Burner Cooling Water leak at tip	
67	Partial Forced Immed	12/06/2017	18:12:00	12/07/2017	15:46:00	21.57	200	6399	GASF	2A, Downstream Oxygen failed to open in required tim	
68	Partial Forced Immed	12/10/2017	00:19:00	12/10/2017	01:45:00	1.43	200	6399	GASF	1F, DGAN Compressor tripped, GTG remained on syn	
69	Partial Forced Immed	12/16/2017	07:15:00	12/16/2017	08:35:00	1.33	200	6399	GASF	Natural Gas issue during cofire, GTG secure co-fire ar	
70	Partial Forced Immed	12/18/2017	14:37:00	12/18/2017	16:27:00	1.83	200	6399	GASF	1F, DGAN Compressor tripped, GTG remained on syn	
71	Partial Forced Immed	12/27/2017	01:27:00	12/29/2017	13:35:00	60.13	200	6399	GASF	2F, Indications of a Burner Cooling Water Tip Leak shu	

**Tampa Electric Company  
Outage Listing  
(12/01/2017 - 12/31/2017)**

Unit: BAYSIDE ST1		MDC: 246						Run Date: 1/11/2018		
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
20	Planned Outage	12/11/2017	10:31:00	12/15/2017	18:36:00	104.08	0	3113	COND	ST1 fall 2017 planned outage.
21	Reserve Shutdown	12/15/2017	18:36:00	12/16/2017	07:55:00	13.32	0	0000	UNKN	RESERVE SHUTDOWN



**Tampa Electric Company  
Outage Listing  
(12/01/2017 - 12/31/2017)**

**Unit: BAYSIDE CT1A      MDC: 185      Run Date: 1/11/2018**

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
177	Reserve Shutdown	11/30/2017	23:33:00	12/01/2017	06:33:00	6.55	0	0000	UNKN	RESERVE SHUTDOWN
178	Reserve Shutdown	12/04/2017	22:29:00	12/05/2017	05:48:00	7.32	0	0000	UNKN	RESERVE SHUTDOWN
179	Reserve Shutdown	12/05/2017	21:39:00	12/06/2017	05:50:00	8.18	0	0000	UNKN	RESERVE SHUTDOWN
180	Reserve Shutdown	12/06/2017	22:43:00	12/07/2017	05:07:00	6.4	0	0000	UNKN	RESERVE SHUTDOWN
181	Reserve Shutdown	12/07/2017	22:07:00	12/08/2017	11:29:00	13.37	0	0000	UNKN	RESERVE SHUTDOWN
182	Reserve Shutdown	12/08/2017	20:23:00	12/09/2017	07:58:00	11.58	0	0000	UNKN	RESERVE SHUTDOWN
183	Reserve Shutdown	12/09/2017	13:20:00	12/09/2017	20:45:00	7.42	0	0000	UNKN	RESERVE SHUTDOWN
184	Planned Outage	12/12/2017	20:45:00	12/15/2017	16:54:00	68.15	0	3832	BLPT	1A CT fall 2017 planned outage.
185	Reserve Shutdown	12/15/2017	16:54:00	12/18/2017	06:11:00	61.28	0	0000	UNKN	RESERVE SHUTDOWN
186	Reserve Shutdown	12/18/2017	20:45:00	12/19/2017	12:50:00	16.08	0	0000	UNKN	RESERVE SHUTDOWN
187	Reserve Shutdown	12/19/2017	21:49:00	12/21/2017	13:01:00	39.2	0	0000	UNKN	RESERVE SHUTDOWN
188	Reserve Shutdown	12/24/2017	19:11:00	12/25/2017	12:12:00	17.02	0	0000	UNKN	RESERVE SHUTDOWN
189	Reserve Shutdown	12/27/2017	22:04:00	12/31/2017	23:59:00	97.92	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company  
Outage Listing  
(12/01/2017 - 12/31/2017)**

**Unit: BAYSIDE CT1B      MDC: 185      Run Date: 1/11/2018**

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
172	Reserve Shutdown	12/01/2017	21:47:00	12/02/2017	11:59:00	14.2	0	0000	UNKN RESERVE SHUTDOWN	
173	Reserve Shutdown	12/02/2017	22:56:00	12/03/2017	09:24:00	10.47	0	0000	UNKN RESERVE SHUTDOWN	
174	Reserve Shutdown	12/03/2017	23:07:00	12/04/2017	11:15:00	12.13	0	0000	UNKN RESERVE SHUTDOWN	
175	Reserve Shutdown	12/05/2017	23:47:00	12/06/2017	07:39:00	7.87	0	0000	UNKN RESERVE SHUTDOWN	
176	Reserve Shutdown	12/06/2017	22:59:00	12/07/2017	06:45:00	7.77	0	0000	UNKN RESERVE SHUTDOWN	
177	Planned Outage	12/08/2017	23:50:00	12/14/2017	17:42:00	137.87	0	3832	BLPT 1B CT fall 2017 planned outage.	
178	Reserve Shutdown	12/14/2017	17:42:00	12/17/2017	09:06:00	63.4	0	0000	UNKN RESERVE SHUTDOWN	
179	Reserve Shutdown	12/21/2017	19:32:00	12/22/2017	10:30:00	14.97	0	0000	UNKN RESERVE SHUTDOWN	
180	Reserve Shutdown	12/22/2017	19:45:00	12/23/2017	09:29:00	13.73	0	0000	UNKN RESERVE SHUTDOWN	
181	Reserve Shutdown	12/23/2017	19:34:00	12/24/2017	08:47:00	13.22	0	0000	UNKN RESERVE SHUTDOWN	
182	Reserve Shutdown	12/24/2017	21:04:00	12/27/2017	08:38:00	59.57	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company  
Outage Listing  
(12/01/2017 - 12/31/2017)**

**Unit: BAYSIDE CT1C      MDC: 185      Run Date: 1/11/2018**

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
130	Reserve Shutdown	12/01/2017	19:45:00	12/02/2017	08:13:00	12.47	0	0000	UNKN RESERVE SHUTDOWN	
131	Reserve Shutdown	12/02/2017	19:27:00	12/03/2017	12:11:00	16.73	0	0000	UNKN RESERVE SHUTDOWN	
132	Reserve Shutdown	12/03/2017	20:08:00	12/04/2017	06:18:00	10.17	0	0000	UNKN RESERVE SHUTDOWN	
133	Reserve Shutdown	12/04/2017	23:11:00	12/05/2017	07:47:00	8.6	0	0000	UNKN RESERVE SHUTDOWN	
134	Reserve Shutdown	12/07/2017	23:01:00	12/08/2017	12:07:00	13.1	0	0000	UNKN RESERVE SHUTDOWN	
134	Reserve Shutdown	12/14/2016	06:28:00	12/08/2017	12:07:00	13.1	0	0000	UNKN RESERVE SHUTDOWN	
135	Planned Outage	12/11/2017	10:29:00	12/15/2017	00:32:00	86.05	0	3832	BLPT 1C CT fall 2017 planned outage.	
136	Reserve Shutdown	12/15/2017	00:32:00	12/15/2017	02:28:00	1.93	0	0000	UNKN RESERVE SHUTDOWN	
137	Reserve Shutdown	12/17/2017	22:06:00	12/18/2017	09:48:00	11.7	0	0000	UNKN RESERVE SHUTDOWN	
138	Reserve Shutdown	12/18/2017	19:16:00	12/24/2017	09:29:00	134.22	0	0000	UNKN RESERVE SHUTDOWN	
139	Reserve Shutdown	12/25/2017	13:48:00	12/31/2017	23:59:00	154.18	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company  
Outage Listing  
(12/01/2017 - 12/31/2017)**

<b>Unit:</b>	<b>BAYSIDE ST2</b>	<b>MDC:</b>	<b>318</b>							<b>Run Date:</b>	<b>1/11/2018</b>
<b>Event Number</b>	<b>Event Type</b>	<b>Start Date</b>	<b>Start Time</b>	<b>End Date</b>	<b>End Time</b>	<b>Duration (Hours)</b>	<b>Unit Cap</b>	<b>Cause Code</b>	<b>Equipment Group</b>	<b>Event Description</b>	
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC	

**Tampa Electric Company  
Outage Listing  
(12/01/2017 - 12/31/2017)**

Unit: BAYSIDE CT2A		MDC: 185		Run Date: 1/11/2018						
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
198	Planned Outage	10/25/2017	00:34:00	12/06/2017	05:59:00	125.98	0	5260	GAST	2A CT planned fall 2017 major outage, hot gas path (+
199	Reserve Shutdown	12/06/2017	05:59:00	12/06/2017	09:17:00	3.3	0	0000	UNKN	RESERVE SHUTDOWN
200	Full Forced Immed	12/06/2017	11:36:00	12/06/2017	14:08:00	2.53	0	5041	GAST	2A CT gas pipe flange gasket leak while on PM-3.
201	Reserve Shutdown	12/06/2017	21:37:00	12/07/2017	12:22:00	14.75	0	0000	UNKN	RESERVE SHUTDOWN
202	Maintenance Outage	12/07/2017	12:22:00	12/07/2017	14:34:00	2.2	0	5016	GAST	2A CT no. 4 compressor bleed valve failed.
203	Reserve Shutdown	12/07/2017	20:58:00	12/08/2017	05:26:00	8.47	0	0000	UNKN	RESERVE SHUTDOWN
204	Reserve Shutdown	12/08/2017	23:06:00	12/10/2017	04:26:00	29.33	0	0000	UNKN	RESERVE SHUTDOWN
205	Reserve Shutdown	12/11/2017	09:47:00	12/11/2017	17:41:00	7.9	0	0000	UNKN	RESERVE SHUTDOWN
206	Reserve Shutdown	12/12/2017	21:13:00	12/13/2017	06:25:00	9.2	0	0000	UNKN	RESERVE SHUTDOWN
207	Reserve Shutdown	12/14/2017	10:39:00	12/17/2017	23:07:00	84.47	0	0000	UNKN	RESERVE SHUTDOWN
208	Maintenance Outage	12/17/2017	23:07:00	12/18/2017	17:27:00	18.33	0	5250	GAST	2A CT speed probe and HRSG drain line.
209	Reserve Shutdown	12/18/2017	17:27:00	12/19/2017	09:57:00	16.5	0	0000	UNKN	RESERVE SHUTDOWN
210	Reserve Shutdown	12/19/2017	21:00:00	12/20/2017	05:38:00	8.63	0	0000	UNKN	RESERVE SHUTDOWN
211	Reserve Shutdown	12/20/2017	21:07:00	12/21/2017	10:26:00	13.32	0	0000	UNKN	RESERVE SHUTDOWN
212	Reserve Shutdown	12/22/2017	13:15:00	12/22/2017	14:00:00	0.75	0	0000	UNKN	RESERVE SHUTDOWN
213	Full Forced Immed	12/22/2017	14:01:00	12/27/2017	14:22:00	120.35	0	5160	GAST	2A CT both exhaust frame blowers unavailable for sen
214	Reserve Shutdown	12/27/2017	14:22:00	12/31/2017	23:59:00	105.62	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company  
Outage Listing  
(12/01/2017 - 12/31/2017)**

**Unit: BAYSIDE CT2B      MDC: 185      Run Date: 1/11/2018**

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
137	Planned Outage	10/26/2017	00:34:00	12/08/2017	05:45:00	173.75	0	5260	GAST	2B CT planned fall 2017 major outage, hot gas path (+
138	Reserve Shutdown	12/08/2017	05:45:00	12/08/2017	06:22:00	0.62	0	0000	UNKN	RESERVE SHUTDOWN
139	Reserve Shutdown	12/10/2017	21:50:00	12/11/2017	04:29:00	6.65	0	0000	UNKN	RESERVE SHUTDOWN
140	Reserve Shutdown	12/11/2017	11:54:00	12/12/2017	04:35:00	16.68	0	0000	UNKN	RESERVE SHUTDOWN
141	Reserve Shutdown	12/13/2017	09:53:00	12/13/2017	17:30:00	7.62	0	0000	UNKN	RESERVE SHUTDOWN
142	Reserve Shutdown	12/14/2017	11:41:00	12/15/2017	05:25:00	17.73	0	0000	UNKN	RESERVE SHUTDOWN
143	Reserve Shutdown	12/16/2017	10:13:00	12/17/2017	12:56:00	26.72	0	0000	UNKN	RESERVE SHUTDOWN
144	Reserve Shutdown	12/21/2017	21:21:00	12/22/2017	07:41:00	10.33	0	0000	UNKN	RESERVE SHUTDOWN
145	Reserve Shutdown	12/26/2017	21:50:00	12/27/2017	04:50:00	7	0	0000	UNKN	RESERVE SHUTDOWN
146	Reserve Shutdown	12/28/2017	00:28:00	12/28/2017	12:57:00	12.48	0	0000	UNKN	RESERVE SHUTDOWN
147	Reserve Shutdown	12/28/2017	23:04:00	12/29/2017	07:18:00	8.23	0	0000	UNKN	RESERVE SHUTDOWN
148	Reserve Shutdown	12/29/2017	21:19:00	12/31/2017	23:59:00	50.67	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company  
Outage Listing  
(12/01/2017 - 12/31/2017)**

**Unit: BAYSIDE CT2C      MDC: 185      Run Date: 1/11/2018**

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
178	Reserve Shutdown	12/02/2017	21:30:00	12/03/2017	10:51:00	13.35	0	0000	UNKN RESERVE SHUTDOWN	
179	Reserve Shutdown	12/03/2017	21:29:00	12/04/2017	06:25:00	8.93	0	0000	UNKN RESERVE SHUTDOWN	
180	Reserve Shutdown	12/04/2017	21:16:00	12/05/2017	05:59:00	8.72	0	0000	UNKN RESERVE SHUTDOWN	
181	Maintenance Outage	12/05/2017	05:59:00	12/05/2017	12:00:00	6.02	0	5140	GAST 2C CT NERC battery testing.	
182	Reserve Shutdown	12/05/2017	12:00:00	12/05/2017	12:26:00	0.43	0	0000	UNKN RESERVE SHUTDOWN	
183	Reserve Shutdown	12/08/2017	21:36:00	12/09/2017	05:45:00	8.15	0	0000	UNKN RESERVE SHUTDOWN	
184	Maintenance Outage	12/09/2017	05:45:00	12/10/2017	14:59:00	33.23	0	5255	GAST 2C CT bad Mark VI processor card.	
185	Reserve Shutdown	12/10/2017	14:59:00	12/10/2017	16:30:00	1.52	0	0000	UNKN RESERVE SHUTDOWN	
186	Reserve Shutdown	12/11/2017	22:56:00	12/12/2017	05:52:00	6.93	0	0000	UNKN RESERVE SHUTDOWN	
187	Reserve Shutdown	12/12/2017	22:33:00	12/13/2017	16:42:00	18.15	0	0000	UNKN RESERVE SHUTDOWN	
188	Reserve Shutdown	12/15/2017	23:04:00	12/16/2017	08:36:00	9.53	0	0000	UNKN RESERVE SHUTDOWN	
189	Reserve Shutdown	12/17/2017	20:51:00	12/18/2017	05:08:00	8.28	0	0000	UNKN RESERVE SHUTDOWN	
190	Reserve Shutdown	12/18/2017	21:49:00	12/20/2017	07:16:00	33.45	0	0000	UNKN RESERVE SHUTDOWN	
191	Reserve Shutdown	12/20/2017	23:59:00	12/21/2017	07:43:00	7.73	0	0000	UNKN RESERVE SHUTDOWN	
192	Reserve Shutdown	12/21/2017	22:25:00	12/22/2017	13:37:00	15.2	0	0000	UNKN RESERVE SHUTDOWN	
193	Reserve Shutdown	12/22/2017	21:20:00	12/23/2017	08:34:00	11.23	0	0000	UNKN RESERVE SHUTDOWN	
194	Reserve Shutdown	12/23/2017	22:05:00	12/27/2017	12:29:00	86.4	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company  
Outage Listing  
(12/01/2017 - 12/31/2017)**

**Unit: BAYSIDE CT2D      MDC: 185      Run Date: 1/11/2018**

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
192	Reserve Shutdown	12/01/2017	22:51:00	12/02/2017	09:40:00	10.82	0	0000	UNKN	RESERVE SHUTDOWN
193	Reserve Shutdown	12/05/2017	22:37:00	12/06/2017	05:59:00	7.37	0	0000	UNKN	RESERVE SHUTDOWN
194	Maintenance Outage	12/06/2017	05:59:00	12/06/2017	12:00:00	6.02	0	5140	GAST	2D CT NERC battery testing.
195	Reserve Shutdown	12/06/2017	12:00:00	12/06/2017	12:27:00	0.45	0	0000	UNKN	RESERVE SHUTDOWN
196	Reserve Shutdown	12/06/2017	23:46:00	12/07/2017	06:04:00	6.3	0	0000	UNKN	RESERVE SHUTDOWN
197	Maintenance Outage	12/07/2017	06:04:00	12/11/2017	06:01:00	95.95	0	3831	BLPT	2D HRSG HP evap tube leak.
198	Reserve Shutdown	12/11/2017	06:01:00	12/11/2017	09:02:00	3.02	0	0000	UNKN	RESERVE SHUTDOWN
199	Reserve Shutdown	12/12/2017	09:10:00	12/13/2017	05:05:00	19.92	0	0000	UNKN	RESERVE SHUTDOWN
200	Reserve Shutdown	12/13/2017	12:27:00	12/14/2017	04:30:00	16.05	0	0000	UNKN	RESERVE SHUTDOWN
201	Reserve Shutdown	12/14/2017	22:04:00	12/15/2017	06:37:00	8.55	0	0000	UNKN	RESERVE SHUTDOWN
202	Reserve Shutdown	12/16/2017	00:39:00	12/19/2017	14:11:00	85.53	0	0000	UNKN	RESERVE SHUTDOWN
203	Reserve Shutdown	12/19/2017	22:58:00	12/22/2017	15:34:00	64.6	0	0000	UNKN	RESERVE SHUTDOWN
204	Reserve Shutdown	12/22/2017	23:15:00	12/23/2017	12:22:00	13.12	0	0000	UNKN	RESERVE SHUTDOWN
205	Reserve Shutdown	12/23/2017	23:28:00	12/24/2017	14:28:00	15	0	0000	UNKN	RESERVE SHUTDOWN
206	Reserve Shutdown	12/24/2017	22:50:00	12/25/2017	08:28:00	9.63	0	0000	UNKN	RESERVE SHUTDOWN
207	Reserve Shutdown	12/25/2017	20:58:00	12/26/2017	05:14:00	8.27	0	0000	UNKN	RESERVE SHUTDOWN
208	Reserve Shutdown	12/27/2017	19:44:00	12/28/2017	07:36:00	11.87	0	0000	UNKN	RESERVE SHUTDOWN
209	Reserve Shutdown	12/28/2017	20:59:00	12/29/2017	05:28:00	8.48	0	0000	UNKN	RESERVE SHUTDOWN
210	Reserve Shutdown	12/29/2017	13:56:00	12/31/2017	00:00:00	34.07	0	0000	UNKN	RESERVE SHUTDOWN



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 <sub>2</sub>	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 <sub>2</sub>	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
HRSB	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		