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December 19, 2017
ELECTRONIC FILING

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

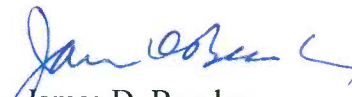
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor; FPSC Docket No. 20170001-EI

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 November 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 19th day of December, 2017 to the following:

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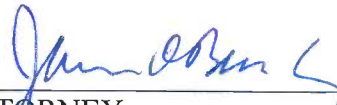
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ATTORNEY

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		69.8
2. PH	744	672	743	720	744	720	744	744	720	744	721		8016
3. SH	739.1	672.0	383.1	0.0	397.8	313.2	542.0	744.0	635.1	388.5	0.0		4814.9
4. RSH	0.0	0.0	0.0	0.0	0.0	164.8	0.0	0.0	47.3	257.5	326.5		796.1
5. UH	4.9	0.0	359.9	720.0	346.2	242.0	202.0	0.0	37.6	98.0	394.5		2405.0
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	144.0		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		1852.3
8. MOH	0.0	0.0	0.0	0.0	0.0	158.2	0.0	0.0	0.0	0.0	250.5		408.7
9. PFOH	12.2	12.4	0.0	0.0	1.6	14.0	0.0	0.0	0.0	0.0	0.0		40.2
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		111.6
11. PMOH	5.4	2.1	0.9	0.0	0.3	0.0	0.5	0.0	0.0	0.0	0.0		9.1
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		118.7
13. NSC (MW)	395	395	395	385	385	385	385	385	385	385	385		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		10643.6463
15. NET GEN (MWH)	202470	167343	95573	0	115639	71182	68839	93182	79757	44560	0		938545
16. ANOHR (BTU/KWH)	10740	11412	10778	0	10783	11340	11033	12880	12239	12103	0		11341
17. NOF (%)	69.4	63.0	63.2	0.0	75.5	59.0	33.0	32.5	32.6	29.8	0.0		50.3
18. NPC (MW)	395	395	395	385	385	385	385	385	385	385	385		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	76.8	55.6	54.0	31.8	95.4	0.0	23.2	63.1	80.1	56.2		55.2
2. PH	744	672	743	720	744	720	744	744	720	744	721		8016
3. SH	583.1	583.0	23.3	415.3	269.5	688.4	0.0	172.3	432.8	595.9	214.3		3977.9
4. RSH	24.5	0.0	389.7	0.0	0.0	0.0	0.0	0.0	21.7	0.0	190.7		626.6
5. UH	136.4	89.0	330.0	304.7	474.5	31.6	744.0	571.7	265.5	148.1	316.0		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		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		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		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		1366.5
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		49.7
11. PMOH	0.3	5.7	0.0	1.9	0.0	1.1	0.0	0.0	0.0	0.0	0.0		9.0
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		198.9
13. NSC (MW)	395	395	395	385	385	385	385	385	385	385	385		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		11737.8559
15. NET GEN (MWH)	170150	152752	3410	125802	75289	216749	0	23266	85352	191070	27055		1070895
16. ANOHR (BTU/KWH)	10982	11048	11564	10406	11372	10747	0	10463	11884	10978	10798		10961
17. NOF (%)	73.9	66.3	37.0	78.7	72.6	81.8	0.0	35.1	51.2	83.3	32.8		69.4
18. NPC (MW)	395	395	395	385	385	385	385	385	385	385	385		388
19. ANOHR EQUATION	ANOHR = NOF (-5.963) + 11,063												

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 (%)	74.7	79.6	49.6	39.5	82.0	52.9	88.1	70.9	13.6	0.0	0.0		50.1
2. PH	744	672	743	720	744	720	744	744	720	744	721		8016
3. SH	496.5	218.0	230.3	386.5	744.0	416.6	744.0	599.7	111.5	0.0	0.0		3947.0
4. RSH	85.4	333.0	160.0	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		3490.6
6. POH	0.0	121.0	188.5	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		3036.8
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	144.3	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		3252.9
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		60.8
11. PMOH	8.3	0.0	0.7	0.0	0.0	2.4	0.0	7.2	0.0	0.0	0.0		18.5
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		203.6
13. NSC (MW)	400	400	400	395	395	395	395	395	395	395	395		396
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		11943.0789
15. NET GEN (MWH)	151724	50703	53355	87729	147110	131629	252389	188088	25966	0	0		1088693
16. ANOHR BTU/KWH	10458	11013	12268	11119	11193	10784	11007	10675	12167	0	0		10970
17. NOF (%)	76.4	58.1	57.9	57.5	50.1	80.0	85.9	79.4	59.0	0.0	0.0		69.6
18. NPC (MW)	400	400	400	395	395	395	395	395	395	395	395		396
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 (%)	58.3	84.9	78.7	78.8	93.3	84.1	78.8	16.2	31.4	93.5	88.4		71.4
2. PH	744	672	743	720	744	720	744	744	720	744	721		8016
3. SH	443.6	582.3	603.5	617.2	744.0	715.1	735.8	183.7	235.4	744.0	721.0		6325.6
4. RSH	92.4	19.9	30.9	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		1547.2
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
7. FOH	207.9	69.8	0.0	102.8	0.0	4.9	8.2	10.1	375.5	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		767.8
9. PFOH	409.3	121.9	601.6	374.5	449.6	683.9	704.0	183.7	176.0	732.2	721.0		5157.7
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		59.0
11. PMOH	23.7	7.9	1.9	20.8	0.0	5.2	31.7	0.0	0.0	11.7	0.0		102.9
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		220.9
13. NSC (MW)	442	442	442	437	437	437	437	437	437	437	437		438
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		22742.8448
15. NET GEN (MWH)	135022	190073	179206	214373	275387	232573	243038	46553	83787	292516	229651		2122179
16. ANOHR BTU/KWH	10530	10461	10610	10506	10681	10981	11041	11852	10425	10626	10742		10717
17. NOF (%)	68.9	73.8	67.2	79.5	84.7	74.4	75.6	58.0	81.4	90.0	72.9		76.5
18. NPC (MW)	442	442	442	437	437	437	437	437	437	437	437		438
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		89.6
2. PH	744	672	743	720	744	720	744	744	720	744	721		8016
3. SH	744.0	667.1	708.0	720.0	527.3	718.4	633.6	735.0	204.6	526.2	703.7		6887.9
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	129.6	166.6	0.0		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		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		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		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		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
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
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
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
13. NSC (MW)	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	731.9053	1475.3584		14618.6723
15. NET GEN (MWH)	155821	143609	165125	176605	119597	147389	135270	162911	35164	69439	157244		1468174
16. ANOHR BTU/KWH	10046	10098	9317	9683	10685	10145	10471	9719	10654	10540	9383		9957
17. NOF (%)	95.2	97.9	106.0	111.5	103.1	93.3	97.0	100.7	78.1	60.0	101.6		96.9
18. NPC (MW)	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	80.9	0.0	58.7	99.3	97.5	97.5	96.9	96.8	98.8	100.0		83.9
2. PH	744	672	743	720	744	720	744	744	720	744	721		8016
3. SH	744.0	462.9	0.0	507.9	744.0	718.3	744.0	744.0	701.1	739.6	721.0		6826.8
4. RSH	0.0	204.8	0.0	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0		221.1
5. UH	0.0	4.3	743.0	195.8	0.0	1.7	0.0	0.0	18.9	4.4	0.0		968.1
6. POH	0.0	1.3	743.0	167.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0		911.6
7. FOH	0.0	0.0	0.0	24.7	0.0	1.7	0.0	0.0	18.9	4.4	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		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		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		228.7
11. PMOH	7.8	369.1	743.0	782.6	14.9	41.3	53.9	0.0	4.1	13.8	0.0		2030.5
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		94.4
13. NSC (MW)	792	792	792	701	701	701	701	701	701	701	701		726
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		18807.3740
15. NET GEN (MWH)	197576	119609	-274	161007	288649	239671	290853	334517	353125	278963	263669		2527365
16. ANOHR (BTU/KWH)	7486	7455	0	7446	7354	7325	7436	7438	7408	7573	7509		7441
17. NOF (%)	33.5	32.6	0.0	45.2	55.3	47.6	55.8	64.1	71.9	53.8	52.2		51.0
18. NPC (MW)	792	792	792	701	701	701	701	701	701	701	701		726
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 (%)	65.3	47.0	97.5	97.0	87.8	89.2	90.9	95.4	90.9	38.9	36.4		76.5
2. PH	744	672	743	720	744	720	744	744	720	744	721		8016
3. SH	527.1	298.7	738.1	720.0	657.9	720.0	744.0	729.4	713.5	599.2	564.2		7012.2
4. RSH	0.0	42.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0		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		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		820.7
7. FOH	0.0	18.7	4.9	0.0	62.2	0.0	0.0	0.0	6.5	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		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		519.6
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		224.1
11. PMOH	150.4	91.2	53.6	14.7	19.2	146.3	124.2	64.3	193.7	1238.8	1214.8		3311.3
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		234.8
13. NSC (MW)	1047	1047	1047	929	929	929	929	929	929	929	929		961
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		22103.7580
15. NET GEN (MWH)	157433	146101	318307	313417	278762	253553	320829	417625	387413	159540	141459		2894439
16. ANOHR (BTU/KWH)	7557	7627	7491	7577	7737	7519	7794	7591	7547	7977	7850		7637
17. NOF (%)	28.5	46.7	41.2	46.9	45.6	37.9	46.4	61.6	58.5	28.7	27.0		42.9
18. NPC (MW)	1047	1047	1047	929	929	929	929	929	929	929	929		961
19. ANOHR EQUATION	ANOHR = NOF (-7.777) + 7,937												

7

**Tampa Electric Company
Outage Listing
(11/01/2017 - 11/30/2017)**

Unit:		BIG BEND 1		MDC:		410		Run Date:		12/12/2017	
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	
44	Reserve Shutdown	10/23/2017	21:52:00	11/07/2017	00:30:00	145.5	0	0000	UNKN	RESERVE SHUTDOWN	
45	Maintenance Outage	11/07/2017	00:30:00	11/17/2017	11:00:00	250.5	0	4410	TURB	Turning gear motor grounded	
46	Planned Outage	11/17/2017	11:00:00	11/23/2017	11:00:00	144	0	8100	POLL	FGD outage	
47	Reserve Shutdown	11/23/2017	11:00:00	12/06/2017	03:15:00	181	0	0000	UNKN	RESERVE SHUTDOWN	

**Tampa Electric Company
Outage Listing
(11/01/2017 - 11/30/2017)**

Unit: BIG BEND 2		MDC: 410		Run Date: 12/12/2017						
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
95	Planned Outage	11/09/2017	21:20:00	11/23/2017	01:20:00	316	0	8100	POLL	FGD outage
96	Reserve Shutdown	11/23/2017	01:20:00	01/01/2018	00:00:00	190.67	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(11/01/2017 - 11/30/2017)**

Unit:		BIG BEND 3		MDC:		420		Run Date:		12/12/2017	
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	721	0	1100	BLR	Tube leak	

**Tampa Electric Company
Outage Listing
(11/01/2017 - 11/30/2017)**

Unit:		BIG BEND 4		MDC:		470		Run Date:		12/12/2017	
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	
191	Partial Forced Immed	10/28/2017	13:28:00	11/10/2017	10:40:00	227.67	445	8812	NOx	High differential pressure indication across catalyst	
192	Partial Forced Immed	11/10/2017	10:40:00	11/14/2017	06:00:00	91.33	440	8812	NOx	High differential pressure indication across catalyst	
193	Partial Forced Immed	11/14/2017	06:00:00	11/20/2017	19:59:00	157.98	400	0340	BLR	C, D and E Mills unavailable (maintenance).	
194	Partial Forced Immed	11/20/2017	19:59:00	11/21/2017	01:00:00	5.02	440	8812	NOx	High differential pressure indication across catalyst	
195	Partial Forced Immed	11/21/2017	01:00:00	11/21/2017	11:15:00	10.25	400	0340	BLR	C and E mills unavailable (maintenance) D mill vibratin	
196	Partial Forced Immed	11/21/2017	11:15:00	11/21/2017	11:45:00	0.5	445	8812	NOx	High differential pressure indication across catalyst	
197	Partial Forced Immed	11/21/2017	11:45:00	11/21/2017	16:00:00	4.25	300	3344	BLPT	"B" DA makeup valve stuck	
198	Partial Forced Immed	11/21/2017	16:00:00	11/22/2017	08:55:00	16.92	445	8812	NOx	High differential pressure indication across catalyst	
199	Partial Forced Immed	11/22/2017	08:55:00	11/23/2017	12:50:00	27.92	410	3344	BLPT	B" DA makeup valve stuck open	
200	Partial Forced Immed	11/23/2017	12:50:00	01/01/2018	00:00:00	179.17	380	3344	BLPT	B" DA makeup valve stuck open. BFP speed at upper I	

**Tampa Electric Company
Outage Listing
(11/01/2017 - 11/30/2017)**

Unit:		POLK 1		MDC:		290		Run Date:		12/12/2017	
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	Full Forced Immed	10/30/2017	13:14:00	11/01/2017	07:38:00	7.63	0	5041	GAST	Shutdown to repair GTG Syngas Stop Valve, stuck open	
58	Partial Forced Immed	10/30/2017	11:27:00	11/02/2017	14:50:00	7.63	200	5041	GAST	Shutdown to repair GTG Syngas Stop Valve, stuck open	
58	Partial Forced Immed	10/30/2017	11:27:00	11/02/2017	14:50:00	31.2	200	5041	GAST	Shutdown to repair GTG Syngas Stop Valve, stuck open	
59	Partial Forced Immed	11/08/2017	16:41:00	11/08/2017	23:47:00	6.35	200	6399	GASF	ASU MAC Surged, DGAN tripped, GTG tripped, Surge	
59	Partial Forced Immed	11/08/2017	16:41:00	11/08/2017	23:47:00	0.75	200	6399	GASF	ASU MAC Surged, DGAN tripped, GTG tripped, Surge	
60	Full Forced Immed	11/08/2017	16:41:00	11/08/2017	23:02:00	6.35	0	5250	GAST	GTG High Exhaust Temp trip upon loss of DGAN, while	
61	Partial Forced Immed	11/09/2017	09:03:00	11/09/2017	13:57:00	0.02	200	6399	GASF	ASU MAC Surged, GTG tripped, Surge thought to be I	
61	Partial Forced Immed	11/09/2017	09:03:00	11/09/2017	13:57:00	3.3	200	6399	GASF	ASU MAC Surged, GTG tripped, Surge thought to be I	
61	Partial Forced Immed	11/09/2017	09:03:00	11/09/2017	13:57:00	1.58	200	6399	GASF	ASU MAC Surged, GTG tripped, Surge thought to be I	
63	Full Forced Immed	11/09/2017	09:04:00	11/09/2017	12:22:00	3.3	0	5250	GAST	GTG High Exhaust Temp trip upon loss of DGAN	
64	Partial Forced Immed	11/25/2017	06:48:00	11/25/2017	07:28:00	0.67	200	6399	GASF	GTG transfer to Nat Gas, ASU MAC Surge, inner cool	
65	Partial Forced Immed	11/07/2017	00:13:00	11/07/2017	01:01:00	0.8	200	6399	GASF	ASU MAC Surged, DGAN tripped, GTG transferred to N	

**Tampa Electric Company
Outage Listing
(11/01/2017 - 11/30/2017)**

Unit:	BAYSIDE ST1	MDC:	236							Run Date:	12/12/2017
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
Outage Listing
(11/01/2017 - 11/30/2017)**

Unit: BAYSIDE CT1A MDC: 158 Run Date: 12/12/2017

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
159	Reserve Shutdown	11/01/2017	21:24:00	11/02/2017	06:30:00	9.1	0	0000	UNKN	RESERVE SHUTDOWN
160	Reserve Shutdown	11/02/2017	22:06:00	11/03/2017	05:41:00	7.58	0	0000	UNKN	RESERVE SHUTDOWN
161	Reserve Shutdown	11/03/2017	22:10:00	11/04/2017	09:44:00	11.57	0	0000	UNKN	RESERVE SHUTDOWN
162	Reserve Shutdown	11/04/2017	22:09:00	11/05/2017	08:57:00	11.8	0	0000	UNKN	RESERVE SHUTDOWN
163	Reserve Shutdown	11/05/2017	20:50:00	11/06/2017	05:29:00	8.65	0	0000	UNKN	RESERVE SHUTDOWN
164	Reserve Shutdown	11/07/2017	00:53:00	11/07/2017	09:55:00	9.03	0	0000	UNKN	RESERVE SHUTDOWN
165	Reserve Shutdown	11/07/2017	21:16:00	11/08/2017	06:12:00	8.93	0	0000	UNKN	RESERVE SHUTDOWN
166	Reserve Shutdown	11/08/2017	22:04:00	11/09/2017	05:37:00	7.55	0	0000	UNKN	RESERVE SHUTDOWN
167	Reserve Shutdown	11/09/2017	21:00:00	11/10/2017	05:36:00	8.6	0	0000	UNKN	RESERVE SHUTDOWN
168	Reserve Shutdown	11/13/2017	21:01:00	11/14/2017	06:38:00	9.62	0	0000	UNKN	RESERVE SHUTDOWN
169	Reserve Shutdown	11/14/2017	22:39:00	11/15/2017	11:46:00	13.12	0	0000	UNKN	RESERVE SHUTDOWN
170	Reserve Shutdown	11/15/2017	21:32:00	11/16/2017	10:52:00	13.33	0	0000	UNKN	RESERVE SHUTDOWN
171	Reserve Shutdown	11/16/2017	19:12:00	11/17/2017	05:39:00	10.45	0	0000	UNKN	RESERVE SHUTDOWN
172	Reserve Shutdown	11/17/2017	19:11:00	11/18/2017	09:30:00	14.32	0	0000	UNKN	RESERVE SHUTDOWN
173	Reserve Shutdown	11/18/2017	19:16:00	11/20/2017	14:22:00	43.1	0	0000	UNKN	RESERVE SHUTDOWN
174	Reserve Shutdown	11/20/2017	21:36:00	11/22/2017	12:46:00	39.17	0	0000	UNKN	RESERVE SHUTDOWN
175	Reserve Shutdown	11/22/2017	21:28:00	11/23/2017	13:02:00	15.57	0	0000	UNKN	RESERVE SHUTDOWN
176	Reserve Shutdown	11/23/2017	18:35:00	11/27/2017	08:00:00	85.42	0	0000	UNKN	RESERVE SHUTDOWN
177	Reserve Shutdown	11/30/2017	23:33:00	12/01/2017	06:33:00	0.45	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(11/01/2017 - 11/30/2017)**

Unit: BAYSIDE CT1B MDC: 158 Run Date: 12/12/2017

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
155	Reserve Shutdown	10/31/2017	22:51:00	11/01/2017	12:37:00	12.62	0	0000	UNKN RESERVE SHUTDOWN	
156	Reserve Shutdown	11/01/2017	22:12:00	11/02/2017	10:40:00	12.47	0	0000	UNKN RESERVE SHUTDOWN	
157	Reserve Shutdown	11/02/2017	23:28:00	11/03/2017	06:53:00	7.42	0	0000	UNKN RESERVE SHUTDOWN	
158	Reserve Shutdown	11/03/2017	23:37:00	11/04/2017	11:00:00	11.38	0	0000	UNKN RESERVE SHUTDOWN	
159	Reserve Shutdown	11/04/2017	22:37:00	11/05/2017	11:12:00	13.58	0	0000	UNKN RESERVE SHUTDOWN	
160	Reserve Shutdown	11/05/2017	21:36:00	11/06/2017	09:00:00	11.4	0	0000	UNKN RESERVE SHUTDOWN	
161	Reserve Shutdown	11/07/2017	22:49:00	11/08/2017	17:08:00	18.32	0	0000	UNKN RESERVE SHUTDOWN	
162	Reserve Shutdown	11/08/2017	22:57:00	11/09/2017	09:30:00	10.55	0	0000	UNKN RESERVE SHUTDOWN	
163	Reserve Shutdown	11/10/2017	21:29:00	11/13/2017	09:41:00	60.2	0	0000	UNKN RESERVE SHUTDOWN	
164	Reserve Shutdown	11/14/2017	01:09:00	11/14/2017	10:55:00	9.77	0	0000	UNKN RESERVE SHUTDOWN	
165	Reserve Shutdown	11/14/2017	23:32:00	11/15/2017	15:45:00	16.22	0	0000	UNKN RESERVE SHUTDOWN	
166	Reserve Shutdown	11/15/2017	23:00:00	11/16/2017	12:30:00	13.5	0	0000	UNKN RESERVE SHUTDOWN	
167	Reserve Shutdown	11/16/2017	21:09:00	11/17/2017	14:46:00	17.62	0	0000	UNKN RESERVE SHUTDOWN	
168	Reserve Shutdown	11/17/2017	20:42:00	11/18/2017	12:56:00	16.23	0	0000	UNKN RESERVE SHUTDOWN	
169	Reserve Shutdown	11/18/2017	21:18:00	11/19/2017	09:30:00	12.2	0	0000	UNKN RESERVE SHUTDOWN	
170	Reserve Shutdown	11/19/2017	19:48:00	11/21/2017	09:35:00	37.78	0	0000	UNKN RESERVE SHUTDOWN	
171	Reserve Shutdown	11/21/2017	22:55:00	11/26/2017	12:51:00	109.93	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company
Outage Listing
(11/01/2017 - 11/30/2017)**

Unit: BAYSIDE CT1C MDC: 158 Run Date: 12/12/2017

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
124	Reserve Shutdown	10/30/2017	23:32:00	11/01/2017	05:45:00	5.75	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
125	Reserve Shutdown	11/06/2017	22:05:00	11/07/2017	05:49:00	7.73	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
126	Reserve Shutdown	11/10/2017	20:28:00	11/11/2017	12:16:00	15.8	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
127	Reserve Shutdown	11/11/2017	20:41:00	11/12/2017	12:06:00	15.42	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
128	Reserve Shutdown	11/12/2017	22:20:00	11/13/2017	11:11:00	12.85	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
129	Reserve Shutdown	11/26/2017	22:43:00	11/28/2017	04:37:00	29.9	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(11/01/2017 - 11/30/2017)**

Unit:		MDC:						Run Date:		
BAYSIDE ST2		308						12/12/2017		
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
16	Planned Outage	10/25/2017	23:13:00	11/07/2017	01:47:00	146.78	0	3823	BLPT	Planned 2017 Fall Outage.
17	Reserve Shutdown	11/07/2017	01:47:00	11/07/2017	11:45:00	9.97	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(11/01/2017 - 11/30/2017)**

Unit: BAYSIDE CT2A		MDC: 158								Run Date: 12/12/2017	
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	721	0	5260	GAST	2A CT planned fall 2017 major outage, hot gas path (H	

**Tampa Electric Company
Outage Listing
(11/01/2017 - 11/30/2017)**

Unit:		BAYSIDE CT2B		MDC:		158		Run Date:		12/12/2017	
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	721	0	5260	GAST	2B CT planned fall 2017 major outage, hot gas path (H	

**Tampa Electric Company
Outage Listing
(11/01/2017 - 11/30/2017)**

Unit: BAYSIDE CT2C MDC: 158 Run Date: 12/12/2017

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
162	Planned Outage	10/01/2017	00:00:00	11/07/2017	21:43:00	166.72	0	5260	GAST	2C CT planned fall 2017 major outage, hot gas path (H
163	Reserve Shutdown	11/07/2017	21:44:00	11/07/2017	22:55:00	1.18	0	0000	UNKN	RESERVE SHUTDOWN
164	Full Forced Immed	11/07/2017	23:31:00	11/08/2017	00:07:00	0.6	0	5001	GAST	2C CT trip due to inlet guide vane control fault.
165	Reserve Shutdown	11/08/2017	11:32:00	11/08/2017	14:59:00	3.45	0	0000	UNKN	RESERVE SHUTDOWN
166	Maintenance Outage	11/08/2017	15:00:00	11/09/2017	01:16:00	10.27	0	3832	BLPT	2C-FWS-V222 IP drum feedwater start-up valve gaske
167	Reserve Shutdown	11/09/2017	01:17:00	11/09/2017	05:26:00	4.15	0	0000	UNKN	RESERVE SHUTDOWN
168	Full Forced Immed	11/09/2017	05:27:00	11/10/2017	05:34:00	24.12	0	5120	GAST	2C CT hydraulic lift oil leak in the load compartment.
169	Reserve Shutdown	11/10/2017	05:35:00	11/10/2017	06:43:00	1.13	0	0000	UNKN	RESERVE SHUTDOWN
170	Full Forced Delayed	11/10/2017	06:44:00	11/10/2017	07:52:00	1.13	0	5016	GAST	2C CT compressor bleed valve issues.
171	Reserve Shutdown	11/11/2017	18:56:00	11/12/2017	08:28:00	13.53	0	0000	UNKN	RESERVE SHUTDOWN
172	Reserve Shutdown	11/12/2017	20:32:00	11/13/2017	05:43:00	9.18	0	0000	UNKN	RESERVE SHUTDOWN
173	Reserve Shutdown	11/13/2017	23:32:00	11/14/2017	08:43:00	9.18	0	0000	UNKN	RESERVE SHUTDOWN
174	Reserve Shutdown	11/20/2017	12:49:00	11/22/2017	10:07:00	45.3	0	0000	UNKN	RESERVE SHUTDOWN
175	Reserve Shutdown	11/22/2017	19:11:00	11/23/2017	09:25:00	14.23	0	0000	UNKN	RESERVE SHUTDOWN
176	Full Forced Immed	11/23/2017	12:20:00	11/23/2017	18:50:00	6.5	0	5016	GAST	2C CT #4 and #1 compressor bleed valves failed.
177	Reserve Shutdown	11/23/2017	18:51:00	11/26/2017	09:05:00	62.23	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(11/01/2017 - 11/30/2017)**

Unit: BAYSIDE CT2D		MDC: 158		Run Date: 12/12/2017						
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
181	Planned Outage	10/01/2017	00:00:00	11/07/2017	01:47:00	146.78	0	5260	GAST	2D CT planned fall 2017 major outage, hot gas path (H
182	Full Forced Immed	11/07/2017	02:26:00	11/07/2017	03:13:00	0.78	0	5035	GAST	2D CT water wash valve leaking by.
183	Maintenance Outage	11/08/2017	01:11:00	11/08/2017	10:00:00	8.82	0	5035	GAST	2D CT water wash drain valve repair.
184	Reserve Shutdown	11/08/2017	10:01:00	11/08/2017	10:47:00	0.77	0	0000	UNKN	RESERVE SHUTDOWN
185	Reserve Shutdown	11/10/2017	22:53:00	11/11/2017	09:49:00	10.93	0	0000	UNKN	RESERVE SHUTDOWN
186	Reserve Shutdown	11/14/2017	20:31:00	11/15/2017	07:27:00	10.93	0	0000	UNKN	RESERVE SHUTDOWN
187	Reserve Shutdown	11/15/2017	20:41:00	11/16/2017	05:50:00	9.15	0	0000	UNKN	RESERVE SHUTDOWN
188	Reserve Shutdown	11/16/2017	20:05:00	11/17/2017	17:59:00	21.9	0	0000	UNKN	RESERVE SHUTDOWN
189	Maintenance Outage	11/17/2017	18:00:00	11/18/2017	21:20:00	27.33	0	5285	GAST	2D CT balance shot to lower T1 vibration.
190	Reserve Shutdown	11/18/2017	21:21:00	11/20/2017	11:38:00	38.28	0	0000	UNKN	RESERVE SHUTDOWN
191	Reserve Shutdown	11/26/2017	21:05:00	11/27/2017	05:38:00	8.55	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 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		