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November 28, 2016

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. 160001-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 October 2016.

Thank you for your assistance in connection with this matter.

Sincerely,



Ashley M. Daniels

AMD/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 28th day of November, 2016 to the following:

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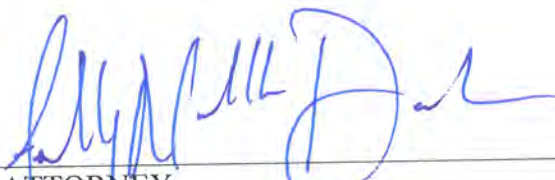
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ATTORNEY

ORIGINAL SHEET NO. 8.401.16A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

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 1	JAN 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	2016
1. EAF (%)	48.0	77.4	91.8	61.7	68.4	88.4	93.3	98.1	94.9	75.7			79.8
2. PH	744	696	743	720	744	720	744	744	720	744			7319
3. SH	364.7	569.8	683.5	445.7	516.4	720.0	744.0	744.0	702.8	587.0			6077.8
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
5. UH	379.3	126.2	59.5	274.3	227.6	0.0	0.0	0.0	17.2	157.0			1241.2
6. POH	0.0	0.0	0.0	274.3	0.0	0.0	0.0	0.0	0.0	0.0			274.3
7. FOH	379.3	126.2	59.5	0.0	227.6	0.0	0.0	0.0	17.2	157.0			966.9
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
9. PFOH	30.9	94.0	15.9	9.8	10.9	108.4	507.8	0.0	34.0	50.1			861.6
10. LR PF (MW)	94.0	131.7	23.5	18.8	161.5	28.8	30.4	0.0	217.3	180.0			61.0
11. PMOH	0.0	0.3	1.0	1.4	6.7	408.4	133.3	21.9	1.0	1.0			575.0
12. LR PM (MW)	0.0	206.9	214.4	195.0	169.0	70.9	28.7	249.8	216.4	216.9			70.2
13. NSC (MW)	395	395	395	385	385	385	385	385	385	385			388
14. OPR BTU(GBTU)	894.2913	1684.8736	1958.0597	1221.1867	1991.3879	2459.7769	2435.1650	2421.0945	2180.4796	1700.8354			18947.1506
15. NET GEN (MWH)	82135	157430	181868	113374	184974	230382	223155	217261	195902	151866			1738347
16. ANOHR (BTU/KWH)	10888	10702	10766	10771	10766	10677	10912	11144	11130	11200			10900
17. NOF (%)	57.0	69.9	67.4	66.1	93.0	83.1	77.9	75.8	72.4	67.2			73.8
18. NPC (MW)	395	395	395	385	385	385	385	385	385	385			388
19. ANOHR EQUATION	ANOHR = NOF	(-16.86) + (12,219)											

ORIGINAL SHEET NO. 8.401.16A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

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 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	2016
1. EAF (%)	76.7	8.4	68.3	0.0	0.0	36.8	95.6	86.2	62.4	67.8			50.7
2. PH	744	696	743	720	744	720	744	744	720	744			7319
3. SH	595.3	59.5	570.0	0.0	0.0	353.5	717.0	674.6	489.2	585.8			4044.9
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
5. UH	148.7	636.5	173.0	720.0	744.0	366.5	27.0	69.4	230.8	158.2			3274.1
6. POH	0.0	0.0	173.0	720.0	744.0	90.0	0.0	0.0	0.0	0.0			1727.0
7. FOH	148.7	636.5	0.0	0.0	0.0	276.5	27.0	69.4	230.8	158.2			1547.1
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
9. PFOH	220.2	20.0	519.3	0.0	0.0	137.8	22.3	274.0	450.3	462.0			2105.9
10. LR PF (MW)	31.3	21.9	43.0	0.0	0.0	246.9	15.1	37.5	34.2	67.9			57.5
11. PMOH	144.3	0.0	50.7	0.0	0.0	0.0	8.4	11.7	0.0	0.2			215.2
12. LR PM (MW)	19.5	0.0	45.9	0.0	0.0	0.0	230.1	216.0	0.0	178.4			44.7
13. NSC (MW)	395	395	395	385	385	385	385	385	385	385			388
14. OPR BTU(GBTU)	1571.2504	211.3306	1598.3878	0.0000	0.0000	872.0005	2559.9595	2292.1508	1484.7001	1774.8450			12364.6247
15. NET GEN (MWH)	138943	18535	144508	0	0	83401	253184	221287	139783	159715			1159356
16. ANOHR (BTU/KWH)	11309	11402	11061	0	0	10456	10111	10358	10621	11113			10665
17. NOF (%)	59.1	78.9	64.2	0.0	0.0	61.3	91.7	85.2	74.2	70.8			73.9
18. NPC (MW)	395	395	395	385	385	385	385	385	385	385			388
19. ANOHR EQUATION	ANOHR = NOF	(-21.73) + (12,462)											

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ORIGINAL SHEET NO. 8.401.16A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

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 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	2016
1. EAF (%)	37.8	11.3	53.5	59.3	74.2	52.7	44.6	53.0	49.6	85.3			52.4
2. PH	744	696	743	720	744	720	744	744	720	744			7319
3. SH	201.7	158.5	660.2	675.6	556.3	622.7	476.6	572.3	516.7	743.1			5183.7
4. RSH	176.3	0.0	71.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0			247.8
5. UH	366.0	537.5	11.3	44.4	187.8	97.3	267.4	171.7	203.3	0.9			1887.5
6. POH	313.0	537.5	0.0	0.0	0.0	0.0	0.0	169.0	82.9	0.0			1102.4
7. FOH	53.0	0.0	0.0	44.4	187.8	97.3	267.4	2.7	120.4	0.9			773.7
8. MOH	0.0	0.0	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0			11.3
9. PFOH	145.2	158.5	660.2	561.0	91.1	587.6	476.6	572.3	516.7	729.8			4498.9
10. LR PF (MW)	266.6	202.4	202.4	175.1	9.4	163.2	120.1	122.9	122.3	58.7			140.7
11. PMOH	0.0	0.0	0.0	0.0	9.2	0.4	0.0	0.0	0.0	0.7			10.3
12. LR PM (MW)	0.0	0.0	0.0	0.0	84.0	164.7	0.0	0.0	0.0	112.9			89.0
13. NSC (MW)	400	400	400	395	395	395	395	395	395	395			396
14. OPR BTU (GBTU)	405.2481	234.3710	1060.7180	1369.1591	2157.6237	1497.1691	1349.7902	1617.0674	1423.1616	2405.3571			13519.6654
15. NET GEN (MWH)	34135	21494	100847	131589	204773	139051	122309	148589	129000	228928			1260715
16. ANOHR BTU/KWH	11872	10904	10518	10405	10537	10767	11036	10883	11032	10507			10724
17. NOF (%)	42.3	33.9	38.2	49.3	93.2	56.5	65.0	65.7	63.2	78.0			61.4
18. NPC (MW)	400	400	400	395	395	395	395	395	395	395			397
19. ANOHR EQUATION	ANOHR = NOF (-17.14) + (12,189)												

ORIGINAL SHEET NO. 8.401.16A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

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 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	2016
1. EAF (%)	92.7	73.4	63.1	68.1	92.3	63.4	74.2	69.6	89.7	84.2			77.1
2. PH	744	696	743	720	744	720	744	744	720	744			7319
3. SH	744.0	648.9	469.6	551.0	691.5	600.3	640.3	536.7	720.0	737.2			6339.5
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
5. UH	0.0	47.1	273.4	169.0	52.5	119.7	103.8	207.3	0.0	6.8			979.5
6. POH	0.0	47.1	273.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0			320.5
7. FOH	0.0	0.0	0.0	0.0	1.6	0.0	20.7	207.3	0.0	6.8			236.4
8. MOH	0.0	0.0	0.0	169.0	50.9	119.7	83.0	0.0	0.0	0.0			422.6
9. PFOH	379.2	627.7	0.0	279.5	35.2	474.0	617.2	281.8	562.4	711.9			3969.1
10. LR PF (MW)	61.5	93.0	0.0	83.3	47.4	132.8	62.4	29.2	52.4	62.5			73.2
11. PMOH	4.5	10.9	1.4	12.6	1.5	0.0	0.0	0.0	12.1	25.3			68.2
12. LR PM (MW)	138.8	241.0	228.0	255.9	220.0	0.0	0.0	0.0	254.2	154.9			206.7
13. NSC (MW)	442	442	442	437	437	437	437	437	437	437			438
14. OPR BTU(GBTU)	2255.8865	1823.8952	1126.6380	1536.5018	2677.8839	1911.2361	2403.0890	2274.2502	2775.5647	2555.7327			21340.6780
15. NET GEN (MWH)	215861	178896	102685	149165	255872	184528	230994	214424	257688	246498			2036611
16. ANOHR BTU/KWH	10451	10195	10972	10301	10466	10357	10403	10606	10771	10368			10479
17. NOF (%)	65.6	62.4	49.5	61.9	84.7	70.3	82.6	91.4	81.9	76.5			73.3
18. NPC (MW)	442	442	442	437	437	437	437	437	437	437			439
19. ANOHR EQUATION	ANOHR = NOF	(-13.92) + (11,725)											

ORIGINAL SHEET NO. 8.401.16A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

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 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	2016
1. EAF (%)	100.0	92.3	84.0	74.2	10.2	98.1	97.2	99.4	99.9	83.9			83.8
2. PH	744	696	743	720	744	720	744	744	720	744			7319
3. SH	744.0	599.4	624.2	534.2	75.7	657.2	723.4	739.6	719.1	624.1			6040.9
4. RSH	0.0	42.8	0.0	0.0	0.0	49.4	0.0	0.0	0.0	0.0			92.2
5. UH	0.0	53.8	118.8	185.8	668.3	13.4	20.6	4.4	0.9	119.9			1185.9
6. POH	0.0	0.0	0.0	178.8	635.0	0.0	0.0	0.0	0.0	0.0			813.7
7. FOH	0.0	38.0	118.8	7.1	33.4	13.4	20.6	4.4	0.9	4.3			240.8
8. MOH	0.0	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	115.6			131.4
9. PFOH	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
11. PMOH	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
13. NSC (MW)	220	220	220	220	220	220	220	220	220	220			220
14. OPR BTU(GBTU)	1618.4199	1269.9630	1400.1867	1131.8212	94.1340	1249.0334	1550.3390	1518.9319	1541.9942	1144.7564			12519.5796
15. NET GEN (MWH)	164199	127694	137804	118079	2883	131352	158410	151850	151392	120540			1264203
16. ANOHR BTU/KWH	9856	9945	10161	9585	32651	9509	9787	10003	10185	9497			9903
17. NOF (%)	100.3	96.8	100.3	100.5	17.3	90.9	99.5	93.3	95.7	87.8			95.1
18. NPC (MW)	220	220	220	220	220	220	220	220	220	220			220
19. ANOHR EQUATION	ANOHR = NOF (-22.73) + (12,327)												

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ORIGINAL SHEET NO. 8.401.16A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

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 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	2016
1. EAF (%)	100.0	61.5	99.7	99.3	98.4	96.6	100.0	99.8	97.7	25.3			87.9
2. PH	744	696	743	720	744	720	744	744	720	744			7319
3. SH	744.0	444.6	743.0	718.4	744.0	720.0	744.0	744.0	720.0	210.6			6532.6
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
5. UH	0.0	251.4	0.0	1.6	0.0	0.0	0.0	0.0	0.0	533.4			786.4
6. POH	0.0	251.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	533.4			784.8
7. FOH	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0			1.6
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
9. PFOH	0.2	0.1	7.1	2.1	36.7	0.0	0.0	6.5	1.8	0.0			54.5
10. LR PF (MW)	0.0	264.0	264.0	233.7	233.7	0.0	0.0	190.0	233.7	0.0			231.7
11. PMOH	0.0	49.3	0.0	9.2	0.0	74.3	0.0	0.0	46.9	67.0			246.7
12. LR PM (MW)	0.0	264.0	0.0	233.7	0.0	233.7	0.0	0.0	233.7	233.7			239.7
13. NSC (MW)	792	792	792	701	701	701	701	701	701	701			728
14. OPR BTU(GBTU)	2779.4750	1731.2720	2788.0910	2819.1310	2445.9590	2617.2940	2738.7610	2565.3770	2592.9140	630.6210			23708.8950
15. NET GEN (MWH)	377266	231967	368785	376751	332398	351323	366732	342562	334034	82689			3164507
16. ANOHR (BTU/KWH)	7367	7463	7560	7483	7359	7450	7468	7489	7762	7626			7492
17. NOF (%)	64.0	65.9	62.7	74.8	63.7	69.6	70.3	65.7	66.2	56.0			66.5
18. NPC (MW)	792	792	792	701	701	701	701	701	701	701			728
19. ANOHR EQUATION	ANOHR = NOF	(-12.11) + (8,099)											

ORIGINAL SHEET NO. 8.401.16A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

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 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	2016
1. EAF (%)	98.0	84.6	49.8	94.5	99.0	91.4	99.7	99.5	46.8	93.5			85.6
2. PH	744	696	743	720	744	720	744	744	720	744			7319
3. SH	744.0	647.6	487.8	711.3	744.0	714.0	744.0	744.0	398.0	731.3			6666.1
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2			2.2
5. UH	0.0	48.4	255.2	8.7	0.0	6.0	0.0	0.0	322.0	10.5			650.8
6. POH	0.0	48.4	255.2	0.0	0.0	0.0	0.0	0.0	322.0	0.0			625.6
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
8. MOH	0.0	0.0	0.0	8.7	0.0	6.0	0.0	0.0	0.0	10.5			25.2
9. PFOH	0.3	10.3	52.3	0.0	42.0	151.9	0.0	23.1	2.1	124.0			405.9
10. LR PF (MW)	261.8	261.8	261.8	0.0	2.5	232.3	0.0	145.2	232.3	232.3			208.1
11. PMOH	58.6	224.5	478.0	123.3	29.1	72.8	8.8	0.0	61.9	28.8			1085.8
12. LR PM (MW)	261.8	261.8	229.5	232.3	232.3	232.3	232.3	0.0	907.8	232.3			277.2
13. NSC (MW)	1047	1047	1047	929	929	929	929	929	929	929			962
14. OPR BTU(GBTU)	3309.0280	3268.1750	1691.5940	3466.4640	3112.4070	3215.3450	3033.8120	3040.1240	1276.0020	2886.3350			28299.2860
15. NET GEN (MWH)	448880	437523	218662	459495	420466	430613	402670	403380	163358	362913			3747960
16. ANOHR (BTU/KWH)	7372	7470	7736	7544	7402	7467	7534	7537	7811	7953			7551
17. NOF (%)	57.6	64.5	42.8	69.5	60.8	64.9	58.3	58.4	44.2	53.4			58.4
18. NPC (MW)	1047	1047	1047	929	929	929	929	929	929	929			964
19. ANOHR EQUATION	ANOHR = NOF (-8.68) + (7,949)												

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**Tampa Electric Company
Outage Listing
(10/01/2016 - 10/31/2016)**

Unit: BIG BEND 1		MDC: 410		Run Date: 11/11/2016						
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
92	Partial Maintenance	10/05/2016	02:20:00	10/05/2016	02:57:00	0.62	175	4268	TURB	Main Turbine valve testing
93	Partial Forced Immed	10/06/2016	20:51:00	10/07/2016	03:58:00	7.12	170	8010	POLL	Loss of limestone mills. Environmental dispatch. One r
94	Partial Forced Immed	10/07/2016	03:58:00	10/08/2016	03:15:00	23.28	120	8010	POLL	Loss of limestone mills. Environmental dispatch. Gas o
95	Partial Maintenance	10/14/2016	01:40:00	10/14/2016	02:05:00	0.42	185	4268	TURB	Main Turbine valve testing
96	Full Forced Delayed	10/19/2016	00:12:00	10/25/2016	13:14:00	157.03	0	1050	BLR	High temp superheat tube leak
97	Partial Forced Delayed	10/27/2016	15:19:00	10/27/2016	17:55:00	2.6	135	1510	BLR	Common flue gas duct leak repair
98	Partial Forced Immed	10/27/2016	21:50:00	10/28/2016	14:56:00	17.1	385	8499	POLL	FGD Removal efficiency limits. 2 mills with gas cofiring

**Tampa Electric Company
Outage Listing
(10/01/2016 - 10/31/2016)**

Unit: BIG BEND 2 MDC: 410 Run Date: 11/11/2016

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
102	Partial Forced Immed	09/29/2016	11:12:00	10/01/2016	13:15:00	13.25	370	8812	NOx	High differential pressure indication across catalyst
103	Partial Forced Immed	10/01/2016	13:15:00	10/05/2016	03:00:00	85.75	360	8812	NOx	High differential pressure indication across catalyst
104	Partial Maintenance	10/05/2016	03:00:00	10/05/2016	03:10:00	0.17	220	4268	TURB	Main Turbine valve testing
105	Partial Forced Immed	10/05/2016	03:10:00	10/06/2016	19:23:00	40.22	360	8812	NOx	High differential pressure indication across catalyst
106	Partial Forced Immed	10/06/2016	19:23:00	10/06/2016	20:52:00	1.48	260	8010	POLL	Loss of limestone mills. Environmental dispatch.
107	Partial Forced Immed	10/06/2016	20:52:00	10/07/2016	03:57:00	7.08	160	8010	POLL	Loss of limestone mills. Environmental dispatch. One n
108	Partial Forced Immed	10/07/2016	03:57:00	10/08/2016	03:15:00	23.3	120	8010	POLL	Loss of limestone mills. Environmental dispatch.Natura
109	Partial Forced Immed	10/08/2016	03:15:00	10/10/2016	14:22:00	59.12	370	8812	NOx	High differential pressure indication across catalyst
110	Full Forced Delayed	10/10/2016	14:22:00	10/16/2016	04:20:00	133.97	0	1050	BLR	Boiler tube leak
111	Partial Forced Immed	10/16/2016	04:20:00	10/17/2016	15:00:00	34.67	370	8812	NOx	High differential pressure indication across catalyst
112	Partial Forced Immed	10/17/2016	15:00:00	10/22/2016	01:40:00	106.67	380	8812	NOx	High differential pressure indication across catalyst
113	Partial Forced Immed	10/22/2016	01:40:00	10/22/2016	16:40:00	15	250	1470	BLR	B ID Fan VFD coolant hose leak
114	Partial Forced Immed	10/24/2016	06:34:00	10/24/2016	17:30:00	10.93	350	8790	CEM	Particulate matter monitor malfunction
115	Partial Forced Immed	10/26/2016	07:08:00	10/27/2016	15:15:00	32.12	310	8499	POLL	FGD Removal efficiency limits. 1 mill with gas cofiring
116	Partial Forced Immed	10/27/2016	15:15:00	10/27/2016	17:55:00	2.67	130	8499	POLL	FGD Removal efficiency limits.Natural gas fire only.
117	Full Forced Delayed	10/28/2016	23:35:00	10/29/2016	23:08:00	23.55	0	0590	BLR	East Radiant superheat attemperator drain valve repair
118	Full Forced Immed	10/29/2016	23:15:00	10/29/2016	23:55:00	0.67	0	0385	BLR	Low igniter pressure trip.
119	Partial Forced Immed	10/30/2016	03:30:00	10/31/2016	09:15:00	29.75	280	8499	POLL	FGD Removal efficiency limits.

**Tampa Electric Company
Outage Listing
(10/01/2016 - 10/31/2016)**

Unit: BIG BEND 3 MDC: 420 Run Date: 11/11/2016

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
69	Partial Forced Immed	09/24/2016	05:55:00	10/01/2016	01:00:00	1	290	3670	BLPT	3B ID fan unavailable. 13.8 kv transformer fault.
70	Partial Forced Immed	10/01/2016	13:40:00	10/01/2016	13:48:00	0.13	390	1455	BLR	B ID Fan high vibration
71	Partial Forced Immed	10/01/2016	13:48:00	10/01/2016	14:50:00	1.03	375	1455	BLR	B ID Fan high vibration
72	Partial Forced Immed	10/01/2016	14:50:00	10/01/2016	15:22:00	0.53	385	1455	BLR	B ID Fan high vibration
73	Partial Forced Immed	10/01/2016	15:22:00	10/03/2016	18:15:00	50.88	380	1455	BLR	B ID Fan high vibration
74	Partial Forced Immed	10/03/2016	18:15:00	10/04/2016	07:41:00	13.43	360	1455	BLR	B ID Fan high vibration
75	Partial Forced Immed	10/04/2016	07:41:00	10/04/2016	09:25:00	1.73	230	1455	BLR	B ID Fan tripped
76	Partial Forced Immed	10/04/2016	09:25:00	10/06/2016	20:21:00	58.93	360	1455	BLR	B ID Fan high vibration
77	Partial Forced Immed	10/06/2016	20:21:00	10/06/2016	22:30:00	2.15	340	8010	POLL	Loss of limestone ball mills. Environmental dispatch.
78	Partial Forced Immed	10/06/2016	22:30:00	10/07/2016	04:54:00	6.4	220	8010	POLL	Loss of limestone ball mills. Environmental dispatch.
79	Full Forced Immed	10/07/2016	04:54:00	10/07/2016	05:45:00	0.85	0	3412	BLPT	High pressure stop valve ground. Lost boiler on low d
80	Partial Forced Immed	10/07/2016	05:45:00	10/07/2016	18:30:00	12.75	220	8010	POLL	Loss of limestone ball mills. Environmental dispatch.
81	Partial Forced Immed	10/07/2016	18:30:00	10/08/2016	10:40:00	16.17	360	1455	BLR	B ID Fan high vibration
82	Partial Forced Immed	10/08/2016	10:40:00	10/09/2016	20:00:00	33.33	350	1455	BLR	B ID Fan high vibration
83	Partial Forced Immed	10/09/2016	20:00:00	10/10/2016	07:45:00	11.75	355	1455	BLR	B ID Fan high vibration
84	Partial Forced Immed	10/10/2016	07:45:00	10/11/2016	09:00:00	25.25	360	1455	BLR	B ID Fan high vibration
85	Partial Forced Immed	10/11/2016	09:00:00	10/11/2016	22:20:00	13.33	375	1455	BLR	B ID Fan high vibration
86	Partial Forced Immed	10/11/2016	22:20:00	10/12/2016	00:40:00	2.33	350	1455	BLR	B ID Fan high vibration
87	Partial Forced Immed	10/12/2016	00:40:00	10/16/2016	11:30:00	106.83	375	1455	BLR	B ID Fan high vibration
88	Partial Forced Immed	10/16/2016	11:30:00	10/16/2016	22:20:00	10.83	350	1455	BLR	B ID Fan high vibration
89	Partial Forced Immed	10/16/2016	22:20:00	10/20/2016	17:00:00	90.67	375	1455	BLR	B ID Fan high vibration
91	Partial Forced Immed	10/20/2016	17:00:00	10/21/2016	06:00:00	13	365	1455	BLR	B ID Fan high vibration
92	Partial Forced Immed	10/21/2016	06:00:00	10/21/2016	09:20:00	3.33	360	1455	BLR	B ID Fan high vibration
93	Partial Forced Immed	10/21/2016	09:20:00	10/21/2016	11:00:00	1.67	325	1455	BLR	B ID Fan high vibration
94	Partial Forced Immed	10/21/2016	11:00:00	10/22/2016	18:00:00	31	350	1455	BLR	B ID Fan high vibration
95	Partial Forced Immed	10/22/2016	18:00:00	10/22/2016	23:45:00	5.75	360	1455	BLR	B ID Fan high vibration
96	Partial Maintenance	10/22/2016	23:45:00	10/23/2016	00:27:00	0.7	300	4268	TURB	Main Turbine valve testing
97	Partial Forced Immed	10/23/2016	00:27:00	10/24/2016	14:00:00	37.55	360	1455	BLR	B ID Fan high vibration
98	Partial Forced Immed	10/24/2016	14:00:00	10/24/2016	17:30:00	3.5	340	1455	BLR	B ID Fan high vibration
99	Partial Forced Immed	10/24/2016	17:30:00	10/30/2016	13:00:00	139.5	360	1455	BLR	B ID Fan high vibration
100	Partial Forced Immed	10/30/2016	13:00:00	10/31/2016	14:40:00	25.67	355	1455	BLR	B ID Fan high vibration
101	Partial Forced Delayed	10/31/2016	14:40:00	11/01/2016	07:41:00	9.33	150	8230	POLL	Flue gas path duct leak. Natural gas fire only.

**Tampa Electric Company
Outage Listing
(10/01/2016 - 10/31/2016)**

Unit: BIG BEND 4 MDC: 470 Run Date: 11/11/2016

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
158	Partial Forced Immed	09/18/2016	01:40:00	10/06/2016	09:35:00	129.58	420	8260	POLL	D Booster fan inlet guide vane binding
159	Partial Forced Immed	10/06/2016	09:35:00	10/06/2016	10:10:00	0.58	410	8845	CO	High CO emissions indications
160	Partial Forced Immed	10/06/2016	10:10:00	10/06/2016	20:30:00	10.33	400	8845	CO	High CO emissions indications
161	Partial Forced Immed	10/06/2016	20:30:00	10/06/2016	20:55:00	0.42	370	8010	POLL	Loss of limestone mills. Environmental dispatch.
162	Partial Forced Immed	10/06/2016	20:55:00	10/06/2016	22:45:00	1.83	320	8010	POLL	Loss of limestone mills. Environmental dispatch.
163	Partial Forced Immed	10/06/2016	22:45:00	10/07/2016	17:00:00	18.25	150	8010	POLL	Loss of limestone mills. Environmental dispatch. Nature
164	Partial Forced Immed	10/07/2016	17:00:00	10/09/2016	03:25:00	34.42	420	8260	POLL	D Booster fan inlet guide vane binding
165	Full Forced Immed	10/09/2016	03:25:00	10/09/2016	10:15:00	6.83	0	4302	TURB	Unit tripped while performing oil trip testing
166	Partial Forced Immed	10/09/2016	10:15:00	10/09/2016	15:35:00	5.33	420	8260	POLL	D Booster fan inlet guide vane binding
167	Partial Forced Immed	10/09/2016	15:35:00	10/09/2016	17:10:00	1.58	390	8845	CO	High CO emissions indications
168	Partial Forced Immed	10/09/2016	17:10:00	10/18/2016	17:00:00	215.83	420	8260	POLL	D Booster fan inlet guide vane binding
169	Partial Forced Immed	10/18/2016	17:00:00	10/22/2016	06:00:00	85	410	8260	POLL	D Booster fan inlet guide vane binding
170	Partial Forced Immed	10/22/2016	06:00:00	10/22/2016	18:00:00	12	405	8260	POLL	D Booster fan inlet guide vane binding
171	Partial Forced Immed	10/22/2016	18:00:00	10/24/2016	03:10:00	33.17	410	8260	POLL	D Booster fan inlet guide vane binding
172	Partial Maintenance	10/24/2016	03:10:00	10/24/2016	03:55:00	0.75	260	4268	TURB	Main Turbine valve testing
173	Partial Forced Immed	10/24/2016	03:55:00	10/25/2016	15:00:00	35.08	410	8260	POLL	D Booster fan inlet guide vane binding
174	Partial Forced Immed	10/25/2016	15:00:00	10/26/2016	06:00:00	15	390	0580	BLR	Reheat attemperator line leak
175	Partial Forced Immed	10/26/2016	06:00:00	10/30/2016	23:30:00	113.5	410	8260	POLL	D Booster fan inlet guide vane binding
176	Planned Derating	10/30/2016	23:30:00	01/01/2017	00:00:00	24.5	310	3211	BLPT	A Circulating water pump motor repairs. Natural gas su

**Tampa Electric Company
Outage Listing
(10/01/2016 - 10/31/2016)**

Unit:		POLK 1		MDC:		290		Run Date:		11/11/2016	
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	
42	Maintenance Outage	10/01/2016	19:12:00	10/06/2016	14:45:00	115.55	200	5092	GAST	GE TIL required inspection of Stage 3 Buckets	
43	Full Forced Immed	10/06/2016	20:06:00	10/06/2016	20:51:00	0.75	0	5299	GAST	Steam Injection control valve issues	
44	Partial Forced Postponed	10/01/2016	08:45:00	10/08/2016	17:45:00	10.45	200	5049	GAST	GTG shutdown for GE TIL	
44	Partial Forced Postponed	10/01/2016	08:45:00	10/08/2016	17:45:00	115.55	200	5049	GAST	GTG shutdown for GE TIL	
44	Partial Forced Postponed	10/01/2016	08:45:00	10/08/2016	17:45:00	5.35	200	5049	GAST	GTG shutdown for GE TIL	
44	Partial Forced Postponed	10/01/2016	08:45:00	10/08/2016	17:45:00	0.75	200	5049	GAST	GTG shutdown for GE TIL	
44	Partial Forced Postponed	10/01/2016	08:45:00	10/08/2016	17:45:00	44.9	200	5049	GAST	GTG shutdown for GE TIL	
45	Full Forced Immed	10/12/2016	09:51:00	10/12/2016	13:25:00	3.57	0	9910	PERS	GTG tripped High Exhaust Temperaure. Induced by irr	
46	Partial Forced Immed	10/12/2016	09:51:00	10/14/2016	14:40:00	3.57	200	9910	PERS	Improper testing of PK2 PEECC batery tripped cooling	
46	Partial Forced Immed	10/12/2016	09:51:00	10/14/2016	14:40:00	49.25	200	9910	PERS	Improper testing of PK2 PEECC batery tripped cooling	

**Tampa Electric Company
Outage Listing
(10/01/2016 - 10/31/2016)**

Unit:		BAYSIDE ST1		MDC:		236		Run Date:		11/11/2016	
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	
5	Planned Outage	10/09/2016	18:33:00	10/31/2016	23:59:00	533.43	0	4400	TURB	Planned Steam Turbine 2016 Fall Major Turbine Outage	

**Tampa Electric Company
Outage Listing
(10/01/2016 - 10/31/2016)**

Unit: BAYSIDE CT1A		MDC: 158		Run Date: 11/11/2016						
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
131	Reserve Shutdown	10/01/2016	23:19:00	10/02/2016	12:50:00	13.52	0	0000	UNKN	RESERVE SHUTDOWN
132	Reserve Shutdown	10/02/2016	20:02:00	10/03/2016	09:04:00	13.03	0	0000	UNKN	RESERVE SHUTDOWN
133	Planned Outage	10/07/2016	23:30:00	10/31/2016	23:59:00	576.48	0	5110	GAST	Planned 2016 Fall Outage. Lube oil systems major cl

**Tampa Electric Company
Outage Listing
(10/01/2016 - 10/31/2016)**

Unit: BAYSIDE CT1B		MDC: 158		Run Date: 11/11/2016						
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	10/01/2016	00:00:00	10/01/2016	11:50:00	11.83	0	0000	UNKN	RESERVE SHUTDOWN
135	Reserve Shutdown	10/01/2016	21:19:00	10/02/2016	11:24:00	14.08	0	0000	UNKN	RESERVE SHUTDOWN
136	Reserve Shutdown	10/02/2016	21:47:00	10/03/2016	13:22:00	15.58	0	0000	UNKN	RESERVE SHUTDOWN
137	Reserve Shutdown	10/03/2016	21:42:00	10/04/2016	09:29:00	11.78	0	0000	UNKN	RESERVE SHUTDOWN
138	Reserve Shutdown	10/05/2016	00:21:00	10/05/2016	10:19:00	9.97	0	0000	UNKN	RESERVE SHUTDOWN
139	Reserve Shutdown	10/05/2016	21:18:00	10/06/2016	06:30:00	9.2	0	0000	UNKN	RESERVE SHUTDOWN
140	Planned Outage	10/08/2016	18:35:00	10/31/2016	23:59:00	557.4	0	5110	GAST	Planned 2016 Fall Outage. Lube oil systems major cle

**Tampa Electric Company
Outage Listing
(10/01/2016 - 10/31/2016)**

Unit: BAYSIDE CT1C		MDC: 158		Run Date: 11/11/2016						
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
125	Reserve Shutdown	10/01/2016	00:00:00	10/01/2016	09:30:00	9.5	0	0000	UNKN	RESERVE SHUTDOWN
127	Reserve Shutdown	10/03/2016	23:02:00	10/04/2016	12:01:00	12.98	0	0000	UNKN	RESERVE SHUTDOWN
128	Reserve Shutdown	10/04/2016	23:22:00	10/05/2016	12:15:00	12.88	0	0000	UNKN	RESERVE SHUTDOWN
129	Reserve Shutdown	10/05/2016	22:20:00	10/06/2016	09:30:00	11.17	0	0000	UNKN	RESERVE SHUTDOWN
130	Planned Outage	10/09/2016	18:35:00	10/31/2016	23:59:00	533.4	0	5110	GAST	Planned 2016 Fall Outage. Lube oil systems major cle

**Tampa Electric Company
Outage Listing
(10/01/2016 - 10/31/2016)**

Unit: BAYSIDE ST2		MDC: 308		Run Date: 11/11/2016						
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
10	Maintenance Outage	10/15/2016	20:23:00	10/16/2016	06:55:00	10.53	0	3832	BLPT	REPLACED 2A CRS-V105 AND 2D SDS-V236
11	Reserve Shutdown	10/16/2016	06:56:00	10/16/2016	09:05:00	2.15	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(10/01/2016 - 10/31/2016)**

Unit: BAYSIDE CT2A MDC: 158 Run Date: 11/11/2016

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	10/01/2016	01:14:00	10/01/2016	08:13:00	6.98	0	0000	UNKN	RESERVE SHUTDOWN
140	Reserve Shutdown	10/02/2016	23:23:00	10/04/2016	16:17:00	40.9	0	0000	UNKN	RESERVE SHUTDOWN
141	Reserve Shutdown	10/04/2016	22:51:00	10/05/2016	11:33:00	12.7	0	0000	UNKN	RESERVE SHUTDOWN
142	Reserve Shutdown	10/09/2016	00:10:00	10/09/2016	09:10:00	9	0	0000	UNKN	RESERVE SHUTDOWN
143	Reserve Shutdown	10/10/2016	00:55:00	10/10/2016	09:48:00	8.88	0	0000	UNKN	RESERVE SHUTDOWN
144	Reserve Shutdown	10/10/2016	17:26:00	10/10/2016	18:34:00	1.13	0	0000	UNKN	RESERVE SHUTDOWN
145	Full Forced Immed	10/10/2016	18:35:00	10/16/2016	06:54:00	132.32	0	3832	BLPT	2A CRS-V105 BLOCK VV FAILED TO FULLY OPEN
146	Reserve Shutdown	10/16/2016	06:55:00	10/16/2016	10:36:00	3.68	0	0000	UNKN	RESERVE SHUTDOWN
147	Reserve Shutdown	10/16/2016	23:56:00	10/17/2016	10:56:00	11	0	0000	UNKN	RESERVE SHUTDOWN
148	Reserve Shutdown	10/17/2016	22:19:00	10/18/2016	05:35:00	7.27	0	0000	UNKN	RESERVE SHUTDOWN
149	Reserve Shutdown	10/18/2016	23:18:00	10/19/2016	11:59:00	12.68	0	0000	UNKN	RESERVE SHUTDOWN
150	Reserve Shutdown	10/19/2016	21:49:00	10/20/2016	11:37:00	13.8	0	0000	UNKN	RESERVE SHUTDOWN
151	Reserve Shutdown	10/20/2016	21:37:00	10/21/2016	11:49:00	14.2	0	0000	UNKN	RESERVE SHUTDOWN
152	Reserve Shutdown	10/23/2016	00:56:00	10/24/2016	06:19:00	29.38	0	0000	UNKN	RESERVE SHUTDOWN
153	Reserve Shutdown	10/25/2016	00:07:00	10/25/2016	09:54:00	9.78	0	0000	UNKN	RESERVE SHUTDOWN
154	Reserve Shutdown	10/29/2016	01:28:00	10/29/2016	11:47:00	10.32	0	0000	UNKN	RESERVE SHUTDOWN
155	Reserve Shutdown	10/30/2016	00:39:00	10/30/2016	12:48:00	12.15	0	0000	UNKN	RESERVE SHUTDOWN
156	Reserve Shutdown	10/30/2016	23:08:00	10/31/2016	07:08:00	8	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(10/01/2016 - 10/31/2016)**

Unit: **BAYSIDE CT2B** MDC: **158** Run Date: **11/11/2016**

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
154	Reserve Shutdown	10/01/2016	22:25:00	10/02/2016	12:10:00	13.75	0	0000	UNKN	RESERVE SHUTDOWN
155	Reserve Shutdown	10/02/2016	20:43:00	10/03/2016	11:35:00	14.87	0	0000	UNKN	RESERVE SHUTDOWN
156	Reserve Shutdown	10/03/2016	22:06:00	10/04/2016	10:41:00	12.58	0	0000	UNKN	RESERVE SHUTDOWN
157	Reserve Shutdown	10/04/2016	22:02:00	10/05/2016	13:38:00	15.6	0	0000	UNKN	RESERVE SHUTDOWN
160	Reserve Shutdown	10/05/2016	23:01:00	10/06/2016	10:35:00	11.57	0	0000	UNKN	RESERVE SHUTDOWN
161	Reserve Shutdown	10/07/2016	00:46:00	10/07/2016	07:56:00	7.17	0	0000	UNKN	RESERVE SHUTDOWN
162	Reserve Shutdown	10/08/2016	00:30:00	10/08/2016	09:21:00	8.85	0	0000	UNKN	RESERVE SHUTDOWN
163	Reserve Shutdown	10/08/2016	23:14:00	10/09/2016	07:32:00	8.3	0	0000	UNKN	RESERVE SHUTDOWN
164	Reserve Shutdown	10/10/2016	00:01:00	10/10/2016	09:14:00	9.22	0	0000	UNKN	RESERVE SHUTDOWN
165	Reserve Shutdown	10/10/2016	23:19:00	10/11/2016	06:17:00	6.97	0	0000	UNKN	RESERVE SHUTDOWN
166	Reserve Shutdown	10/11/2016	23:31:00	10/12/2016	07:10:00	7.65	0	0000	UNKN	RESERVE SHUTDOWN
167	Reserve Shutdown	10/13/2016	23:30:00	10/14/2016	10:11:00	10.68	0	0000	UNKN	RESERVE SHUTDOWN
168	Reserve Shutdown	10/15/2016	01:40:00	10/15/2016	09:37:00	7.95	0	0000	UNKN	RESERVE SHUTDOWN
169	Reserve Shutdown	10/15/2016	18:05:00	10/16/2016	12:08:00	18.05	0	0000	UNKN	RESERVE SHUTDOWN
170	Reserve Shutdown	10/16/2016	22:13:00	10/17/2016	10:08:00	11.92	0	0000	UNKN	RESERVE SHUTDOWN
171	Reserve Shutdown	10/17/2016	23:52:00	10/18/2016	09:54:00	10.03	0	0000	UNKN	RESERVE SHUTDOWN
172	Reserve Shutdown	10/18/2016	22:51:00	10/19/2016	10:46:00	11.92	0	0000	UNKN	RESERVE SHUTDOWN
173	Reserve Shutdown	10/19/2016	22:41:00	10/20/2016	08:55:00	10.23	0	0000	UNKN	RESERVE SHUTDOWN
174	Reserve Shutdown	10/20/2016	20:19:00	10/21/2016	06:31:00	10.2	0	0000	UNKN	RESERVE SHUTDOWN
175	Reserve Shutdown	10/22/2016	01:08:00	10/22/2016	10:15:00	9.12	0	0000	UNKN	RESERVE SHUTDOWN
176	Reserve Shutdown	10/22/2016	22:28:00	10/23/2016	12:02:00	13.57	0	0000	UNKN	RESERVE SHUTDOWN
177	Reserve Shutdown	10/23/2016	22:06:00	10/24/2016	05:19:00	7.22	0	0000	UNKN	RESERVE SHUTDOWN
178	Reserve Shutdown	10/24/2016	22:50:00	10/25/2016	14:05:00	15.25	0	0000	UNKN	RESERVE SHUTDOWN
179	Reserve Shutdown	10/25/2016	22:30:00	10/26/2016	10:46:00	12.27	0	0000	UNKN	RESERVE SHUTDOWN
180	Reserve Shutdown	10/26/2016	23:31:00	10/27/2016	11:45:00	12.23	0	0000	UNKN	RESERVE SHUTDOWN
181	Reserve Shutdown	10/27/2016	22:35:00	10/28/2016	09:28:00	10.88	0	0000	UNKN	RESERVE SHUTDOWN
182	Reserve Shutdown	10/28/2016	23:33:00	10/29/2016	09:49:00	10.27	0	0000	UNKN	RESERVE SHUTDOWN
183	Reserve Shutdown	10/29/2016	22:38:00	10/30/2016	11:09:00	12.52	0	0000	UNKN	RESERVE SHUTDOWN
184	Reserve Shutdown	10/31/2016	00:02:00	10/31/2016	11:20:00	11.3	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(10/01/2016 - 10/31/2016)**

Unit: BAYSIDE CT2C MDC: 158 Run Date: 11/11/2016

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
152	Planned Outage	10/01/2016	00:00:00	10/01/2016	10:07:00	10.12	0	5272	GAST	Planned Fall 2016 Borescope and Turbine Inspection
153	Reserve Shutdown	10/01/2016	10:08:00	10/02/2016	10:48:00	24.67	0	0000	UNKN	RESERVE SHUTDOWN
154	Reserve Shutdown	10/02/2016	19:03:00	10/03/2016	06:27:00	11.4	0	0000	UNKN	RESERVE SHUTDOWN
155	Planned Outage	10/05/2016	20:21:00	10/06/2016	15:00:00	18.65	0	3999	BLPT	HRSG EXPANSION JOINT REPLACEMENT
156	Reserve Shutdown	10/06/2016	15:01:00	10/06/2016	15:51:00	0.83	0	0000	UNKN	RESERVE SHUTDOWN
157	Reserve Shutdown	10/08/2016	21:13:00	10/09/2016	04:08:00	6.92	0	0000	UNKN	RESERVE SHUTDOWN
158	Reserve Shutdown	10/09/2016	23:11:00	10/10/2016	06:49:00	7.63	0	0000	UNKN	RESERVE SHUTDOWN
159	Reserve Shutdown	10/11/2016	00:12:00	10/11/2016	10:18:00	10.1	0	0000	UNKN	RESERVE SHUTDOWN
160	Reserve Shutdown	10/15/2016	20:20:00	10/17/2016	05:55:00	33.58	0	0000	UNKN	RESERVE SHUTDOWN
161	Reserve Shutdown	10/22/2016	18:34:00	10/23/2016	09:27:00	14.88	0	0000	UNKN	RESERVE SHUTDOWN
162	Reserve Shutdown	10/23/2016	22:58:00	10/24/2016	13:31:00	14.55	0	0000	UNKN	RESERVE SHUTDOWN
163	Reserve Shutdown	10/25/2016	21:16:00	10/26/2016	12:14:00	14.97	0	0000	UNKN	RESERVE SHUTDOWN
164	Reserve Shutdown	10/26/2016	22:35:00	10/27/2016	09:27:00	10.87	0	0000	UNKN	RESERVE SHUTDOWN
165	Reserve Shutdown	10/27/2016	21:17:00	10/28/2016	05:43:00	8.43	0	0000	UNKN	RESERVE SHUTDOWN
166	Reserve Shutdown	10/29/2016	18:38:00	10/30/2016	09:14:00	14.6	0	0000	UNKN	RESERVE SHUTDOWN
167	Reserve Shutdown	10/30/2016	22:31:00	10/31/2016	05:37:00	7.1	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(10/01/2016 - 10/31/2016)**

Unit: BAYSIDE CT2D MDC: 158 Run Date: 11/11/2016

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
123	Reserve Shutdown	10/01/2016	00:00:00	10/01/2016	10:36:00	10.6	0	0000	UNKN	RESERVE SHUTDOWN
124	Full Forced Immed	10/01/2016	10:37:00	10/01/2016	12:50:00	2.22	0	3831	BLPT	2D Unavailable to reposition the Cold Rht Steam Hdr br
125	Reserve Shutdown	10/01/2016	12:51:00	10/01/2016	13:23:00	0.53	0	0000	UNKN	RESERVE SHUTDOWN
126	Reserve Shutdown	10/01/2016	20:09:00	10/02/2016	10:05:00	13.93	0	0000	UNKN	RESERVE SHUTDOWN
127	Reserve Shutdown	10/03/2016	19:16:00	10/04/2016	06:23:00	11.12	0	0000	UNKN	RESERVE SHUTDOWN
128	Reserve Shutdown	10/04/2016	18:59:00	10/05/2016	06:16:00	11.28	0	0000	UNKN	RESERVE SHUTDOWN
129	Reserve Shutdown	10/05/2016	23:53:00	10/06/2016	07:30:00	7.62	0	0000	UNKN	RESERVE SHUTDOWN
130	Reserve Shutdown	10/06/2016	23:49:00	10/07/2016	07:06:00	7.28	0	0000	UNKN	RESERVE SHUTDOWN
131	Reserve Shutdown	10/11/2016	20:54:00	10/12/2016	05:36:00	8.7	0	0000	UNKN	RESERVE SHUTDOWN
132	Reserve Shutdown	10/13/2016	00:06:00	10/13/2016	06:54:00	6.8	0	0000	UNKN	RESERVE SHUTDOWN
133	Reserve Shutdown	10/13/2016	21:47:00	10/14/2016	07:40:00	9.88	0	0000	UNKN	RESERVE SHUTDOWN
134	Reserve Shutdown	10/14/2016	22:11:00	10/15/2016	06:30:00	8.32	0	0000	UNKN	RESERVE SHUTDOWN
135	Reserve Shutdown	10/15/2016	17:20:00	10/16/2016	07:59:00	14.65	0	0000	UNKN	RESERVE SHUTDOWN
136	Reserve Shutdown	10/17/2016	23:09:00	10/18/2016	06:58:00	7.82	0	0000	UNKN	RESERVE SHUTDOWN
137	Reserve Shutdown	10/18/2016	22:17:00	10/19/2016	05:34:00	7.28	0	0000	UNKN	RESERVE SHUTDOWN
138	Reserve Shutdown	10/19/2016	21:14:00	10/20/2016	05:41:00	8.45	0	0000	UNKN	RESERVE SHUTDOWN
139	Reserve Shutdown	10/20/2016	23:08:00	10/21/2016	14:08:00	15	0	0000	UNKN	RESERVE SHUTDOWN
140	Reserve Shutdown	10/21/2016	22:43:00	10/22/2016	12:24:00	13.68	0	0000	UNKN	RESERVE SHUTDOWN
141	Reserve Shutdown	10/24/2016	22:06:00	10/25/2016	05:29:00	7.38	0	0000	UNKN	RESERVE SHUTDOWN
142	Reserve Shutdown	10/25/2016	18:04:00	10/26/2016	09:08:00	15.07	0	0000	UNKN	RESERVE SHUTDOWN
143	Reserve Shutdown	10/27/2016	00:32:00	10/27/2016	13:08:00	12.6	0	0000	UNKN	RESERVE SHUTDOWN
144	Reserve Shutdown	10/27/2016	23:44:00	10/28/2016	12:37:00	12.88	0	0000	UNKN	RESERVE SHUTDOWN
145	Reserve Shutdown	10/28/2016	22:20:00	10/29/2016	07:19:00	8.98	0	0000	UNKN	RESERVE SHUTDOWN
146	Reserve Shutdown	10/31/2016	23:03:00	10/31/2016	23:59:00	0.93	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
HRSR	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		