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December 26, 2013

HAND DELIVERED

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. 130001-EI

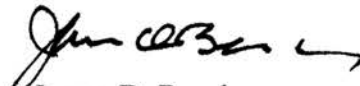
Dear Ms. Stauffer:

Enclosed for filing in the above docket are the original and ten (10) copies of Tampa  
Electric Company's GPIF Actual Unit Performance Data Schedules for the month of November  
2013.

Please acknowledge receipt and filing of the above by stamping the duplicate copy of this  
letter and returning same to this writer.

Thank you for your assistance in connection with this matter.

Sincerely,

  
James D. Beasley

JDB/ne  
Enclosure

cc: All parties of record (w/enc.)  
Mr. Tom Ballinger (w/enc.)

COM \_\_\_\_\_  
AFD 5  
APA 1  
ECO 1  
ENG 1  
GCL 1  
IDM 1  
TEL \_\_\_\_\_  
CLK \_\_\_\_\_

**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true and correct copy of the foregoing Schedules has been furnished by hand delivery (\*) or U.S. Mail on this 26 day of December 2013, to the following:

Ms. Martha F. Barrera\*  
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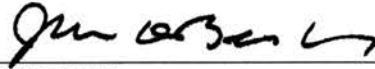
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ATTORNEY

ORIGINAL SHEET NO. 8.401.13A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2013 - DECEMBER 2013

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 13	FEB 13	MAR 13	APR 13	MAY 13	JUN 13	JUL 13	AUG 13	SEP 13	OCT 13	NOV 13	DEC 13	2013
1. EAF (%)	16.4	14.3	78.8	87.3	88.0	80.1	93.2	97.2	90.6	69.5	74.9		72.2
2. PH	744	672	743	720	744	720	744	744	720	744	721		8016
3. SH	122.4	159.0	663.7	651.8	659.0	601.3	716.6	744.0	700.4	563.9	559.5		6141.6
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
5. UH	621.6	513.0	79.3	68.2	85.0	118.8	27.4	0.0	19.6	180.1	161.5		1874.4
6. POH	257.0	513.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	180.1	0.0		950.1
7. FOH	364.6	0.0	79.3	68.2	85.0	118.8	27.4	0.0	19.6	0.0	143.5		906.4
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0		18.0
9. PFOH	26.3	148.0	299.7	76.9	40.2	129.0	229.8	206.9	599.0	354.9	323.2		2433.9
10. LR PF (MW)	7.7	168.1	98.8	115.9	18.1	25.0	21.2	23.9	26.5	43.5	23.5		47.8
11. PMOH	0.8	0.0	22.9	1.7	8.0	81.7	23.5	21.3	18.3	21.2	0.3		199.9
12. LR PM (MW)	0.0	0.0	50.1	0.0	120.4	76.8	170.8	138.6	147.4	117.5	0.0		102.8
13. NSC (MW)	395	395	395	385	385	385	385	385	385	385	385		387
14. OPR BTU(GBTU)	487.0975	374.0533	2297.3731	2468.4777	2545.9370	2244.5798	2606.3129	2833.7228	2540.1124	1988.0407	2055.1466		22440.8537
15. NET GEN (MWH)	45745	32994	218329	237862	240612	212558	251543	270885	241178	187132	195527		2134364
16. ANOHR (BTU/KWH)	10648	11337	10523	10378	10581	10560	10361	10461	10532	10624	10511		10514
17. NOF (%)	94.6	52.5	83.3	94.8	94.8	91.8	91.2	94.6	89.4	86.2	90.8		89.9
18. NPC (MW)	395	395	395	385	385	385	385	385	385	385	385		388
19. ANOHR EQUATION	ANOHR = NOF(-12.004)+ 11,551												

ORIGINAL SHEET NO. 8.401.13A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2013 - DECEMBER 2013

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 13	FEB 13	MAR 13	APR 13	MAY 13	JUN 13	JUL 13	AUG 13	SEP 13	OCT 13	NOV 13	DEC 13	2013
1. EAF (%)	36.5	50.3	96.8	76.3	98.6	96.5	92.1	63.9	95.1	85.2	58.3		77.4
2. PH	744	672	743	720	744	720	744	744	720	744	721		8016
3. SH	278.2	433.3	743.0	577.4	744.0	720.0	744.0	494.9	720.0	644.1	422.9		6521.8
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
5. UH	465.8	238.7	0.0	142.6	0.0	0.0	0.0	249.1	0.0	99.9	298.1		1494.2
6. POH	217.4	213.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.0		531.2
7. FOH	248.4	24.8	0.0	0.0	0.0	0.0	0.0	249.1	0.0	0.0	187.5		709.8
8. MOH	0.0	0.0	0.0	142.6	0.0	0.0	0.0	0.0	0.0	0.0	110.6		253.2
9. PFOH	93.6	296.0	97.4	116.7	47.1	370.4	702.6	193.9	404.7	72.0	11.3		2405.6
10. LR PF (MW)	26.4	127.1	74.4	93.0	53.4	23.3	25.6	33.0	22.2	54.6	28.2		44.5
11. PMOH	15.0	0.7	16.2	1.6	12.8	5.6	35.7	9.1	35.5	6.0	4.7		142.9
12. LR PM (MW)	4.7	0.0	138.4	0.0	125.5	191.2	128.3	114.9	129.0	0.0	123.5		110.4
13. NSC (MW)	395	395	395	385	385	385	385	385	385	385	385		387
14. OPR BTU(GBTU)	1011.8110	1335.0391	2762.7110	2053.6345	2862.9044	2660.4901	2623.3398	1788.9470	2594.5180	2348.4992	1525.5848		23567.4789
15. NET GEN (MWH)	101821	119862	271581	202976	278394	259235	249537	172064	249411	228133	149104		2282118
16. ANOHR (BTU/KWH)	9937	11138	10173	10118	10284	10263	10513	10397	10403	10294	10232		10327
17. NOF (%)	92.6	70.0	92.5	91.3	97.2	93.5	87.1	90.3	90.0	92.0	91.6		90.4
18. NPC (MW)	395	395	395	385	385	385	385	385	385	385	385		388
19. ANOHR EQUATION	ANOHR = NOF(-11.395) + 11,200												

ORIGINAL SHEET NO. 8.401.13A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2013 - DECEMBER 2013

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 13	FEB 13	MAR 13	APR 13	MAY 13	JUN 13	JUL 13	AUG 13	SEP 13	OCT 13	NOV 13	DEC 13	2013
1. EAF (%)	84.0	79.0	2.1	0.0	32.8	87.8	89.6	95.3	81.5	73.3	83.2		64.3
2. PH	744	672	743	720	744	720	744	744	720	744	721		8016
3. SH	744.0	672.0	21.1	0.0	254.6	644.7	744.0	726.2	648.3	552.1	602.4		5609.4
4. RSH	0.0	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	0.0	721.9	720.0	489.4	75.3	0.0	17.8	71.7	191.9	118.6		2406.6
6. POH	0.0	0.0	721.9	720.0	435.9	0.0	0.0	0.0	0.0	191.9	118.6		2188.3
7. FOH	0.0	0.0	0.0	0.0	27.5	0.0	0.0	17.8	71.7	0.0	0.0		117.0
8. MOH	0.0	0.0	0.0	0.0	26.0	75.3	0.0	0.0	0.0	0.0	0.0		101.4
9. PFOH	342.2	23.0	0.0	0.0	52.7	36.8	171.7	37.7	212.2	4.0	3.9		884.1
10. LR PF (MW)	58.5	113.4	0.0	0.0	56.5	99.5	153.8	68.5	80.7	83.5	101.5		86.1
11. PMOH	401.8	649.0	21.1	0.0	4.3	10.1	22.1	32.7	56.0	22.5	11.6		1231.1
12. LR PM (MW)	58.6	75.5	88.9	0.0	205.9	101.7	82.2	112.7	94.8	98.7	51.4		73.1
13. NSC (MW)	365	365	365	365	365	365	365	365	365	365	365		365
14. OPR BTU(GBTU)	2382.3427	2039.6597	50.4865	0.0000	877.5093	2378.6065	2624.3036	2801.3188	2265.3741	2122.2186	2355.4557		19897.2755
15. NET GEN (MWH)	220461	188638	4505	0	86122	232486	249965	266551	214246	203784	225988		1892746
16. ANOHR BTU/KWH	10806	10813	11207	0	10189	10231	10499	10510	10574	10414	10423		10512
17. NOF (%)	81.2	76.9	58.5	0.0	92.7	98.8	92.0	100.6	90.5	101.1	102.8		92.4
18. NPC (MW)	365	365	365	365	365	365	365	365	365	365	365		365
19. ANOHR EQUATION	ANOHR = NOF(-21.678) + 12,439												

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ORIGINAL SHEET NO. 8.401.13A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2013 - DECEMBER 2013

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 13	FEB 13	MAR 13	APR 13	MAY 13	JUN 13	JUL 13	AUG 13	SEP 13	OCT 13	NOV 13	DEC 13	2013
1. EAF (%)	56.7	22.4	92.4	99.5	85.0	55.1	92.3	92.1	70.3	94.2	76.5		76.4
2. PH	744	672	743	720	744	720	744	744	720	744	721		8016
3. SH	744.0	261.8	722.1	720.0	671.8	409.3	690.5	694.7	507.1	703.9	573.0		6698.1
4. RSH	0.0	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	410.3	20.9	0.0	72.2	310.7	53.5	49.3	212.9	40.1	148.0		1317.9
6. POH	0.0	410.3	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		422.1
7. FOH	0.0	0.0	9.0	0.0	72.2	310.7	53.5	49.3	212.9	0.0	22.8		730.4
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.1	125.3		165.4
9. PFOH	738.5	261.8	269.5	30.7	593.0	111.5	0.0	94.2	15.2	2.0	287.2		2403.5
10. LR PF (MW)	180.4	177.3	43.9	4.6	25.2	16.1	0.0	41.5	22.6	170.5	30.6		92.3
11. PMOH	5.5	0.0	16.0	9.6	14.8	12.0	10.0	3.0	1.3	7.1	0.2		79.4
12. LR PM (MW)	222.4	0.0	193.2	141.2	77.6	282.1	164.6	0.0	0.0	143.3	0.0		162.0
13. NSC (MW)	417	417	417	407	407	407	407	407	407	407	407		410
14. OPR BTU(GBTU)	1903.3464	658.7300	2742.4696	2996.4592	2680.6620	1637.3214	2723.1753	2843.7188	2031.2395	2821.6116	2181.9549		25220.6888
15. NET GEN (MWH)	172056	60827	269732	288798	253441	155428	260830	269066	196987	273149	208937		2409250
16. ANOHR BTU/KWH	11062	10830	10167	10376	10577	10534	10440	10569	10312	10330	10443		10468
17. NOF (%)	55.5	55.7	89.6	98.6	92.7	93.3	92.8	95.2	95.5	95.3	89.6		87.8
18. NPC (MW)	417	417	417	407	407	407	407	407	407	407	407		410
19. ANOHR EQUATION	ANOHR = NOF(-24.581) + 12,591												

ORIGINAL SHEET NO. 8.401.13A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2013 - DECEMBER 2013

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 13	FEB 13	MAR 13	APR 13	MAY 13	JUN 13	JUL 13	AUG 13	SEP 13	OCT 13	NOV 13	DEC 13	2013
1. EAF (%)	93.9	85.7	98.7	43.3	0.0	55.1	96.6	99.5	100.0	98.7	84.1		77.8
2. PH	744	672	743	720	744	720	744	744	720	744	721		8016
3. SH	698.6	443.5	717.9	184.9	0.0	396.8	695.2	740.0	720.0	734.6	583.3		5914.8
4. RSH	0.0	132.3	15.3	127.1	0.0	0.0	23.6	0.0	0.0	0.0	23.4		321.6
5. UH	45.4	96.1	9.8	408.0	744.0	323.2	25.2	4.0	0.0	9.4	114.3		1779.5
6. POH	0.0	0.0	0.0	408.0	744.0	185.3	0.0	0.0	0.0	0.0	0.0		1337.2
7. FOH	45.4	20.0	9.8	0.0	0.0	62.2	25.2	4.0	0.0	9.4	10.0		186.1
8. MOH	0.0	76.1	0.0	0.0	0.0	75.8	0.0	0.0	0.0	0.0	104.3		256.2
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)	1627.7924	1003.9540	1587.8821	410.1834	0.0000	759.2876	1499.3558	1631.1596	1593.7841	1609.2906	1203.7672		12926.4568
15. NET GEN (MWH)	152120	92880	153212	34073	-4609	59478	139297	161894	153099	160558	113507		1215510
16. ANOHR BTU/KWH	10701	10809	10364	12038	0	12766	10764	10075	10410	10023	10605		10635
17. NOF (%)	99.0	95.2	97.0	83.7	0.0	68.1	91.1	99.4	96.7	99.4	88.5		93.4
18. NPC (MW)	220	220	220	220	220	220	220	220	220	220	220		220
19. ANOHR EQUATION	ANOHR = NOF(-130.472) + 22,869												



ORIGINAL SHEET NO. 8.401.13A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2013 - DECEMBER 2013

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 13	FEB 13	MAR 13	APR 13	MAY 13	JUN 13	JUL 13	AUG 13	SEP 13	OCT 13	NOV 13	DEC 13	2013
1. EAF (%)	99.9	100.0	72.8	100.0	99.6	99.1	99.0	96.6	95.9	86.3	51.0		91.0
2. PH	744	672	743	720	744	720	744	744	720	744	721		8016
3. SH	564.4	672.0	571.5	720.0	744.0	720.0	744.0	744.0	702.0	664.2	408.9		7255.0
4. RSH	179.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	149.0		328.5
5. UH	0.0	0.0	171.5	0.0	0.0	0.0	0.0	0.0	18.0	79.8	163.1		432.5
6. POH	0.0	0.0	171.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	163.1		334.6
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	79.8	0.0		97.9
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
9. PFOH	2.8	0.0	0.0	1.0	4.5	19.5	0.8	0.0	11.9	14.1	0.0		54.5
10. LR PF (MW)	264.0	0.0	0.0	233.7	233.7	233.7	233.7	0.0	216.2	185.2	0.0		218.9
11. PMOH	0.0	0.0	101.0	0.0	4.4	0.0	22.6	75.9	22.7	55.2	570.3		852.0
12. LR PM (MW)	0.0	0.0	240.5	0.0	233.7	0.0	233.7	233.7	233.7	233.7	233.7		234.5
13. NSC (MW)	792	792	792	701	701	701	701	701	701	701	701		724
14. OPR BTU(GBTU)	2068.9170	2603.4990	1412.2370	2422.6010	2282.6310	2451.5690	2089.1720	2295.1710	2081.6820	1747.5860	1265.7420		22720.8070
15. NET GEN (MWH)	283302	361640	190076	331371	312471	336597	284611	315569	283891	236579	170850		3106958
16. ANOHR (BTU/KWH)	7303	7199	7430	7311	7305	7283	7340	7273	7333	7387	7408		7313
17. NOF (%)	63.4	67.9	42.0	65.7	59.9	66.7	54.6	60.5	57.7	50.8	59.6		59.2
18. NPC (MW)	792	792	792	701	701	701	701	701	701	701	701		726
19. ANOHR EQUATION	ANOHR = NOF(-12.033) + 8,180												

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ORIGINAL SHEET NO. 8.401.13A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2013 - DECEMBER 2013

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 13	FEB 13	MAR 13	APR 13	MAY 13	JUN 13	JUL 13	AUG 13	SEP 13	OCT 13	NOV 13	DEC 13	2013
1. EAF (%)	72.4	75.0	71.6	62.9	98.0	99.7	98.2	93.4	99.7	98.2	38.3		82.2
2. PH	744	672	743	720	744	720	744	744	720	744	721		8016
3. SH	485.0	672.0	741.3	537.5	734.8	718.2	744.0	744.0	720.0	744.0	540.9		7381.8
4. RSH	259.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		259.0
5. UH	0.0	0.0	1.7	182.5	9.2	1.8	0.0	0.0	0.0	0.0	180.1		375.2
6. POH	0.0	0.0	1.7	175.6	0.0	0.0	0.0	0.0	0.0	0.0	180.1		357.4
7. FOH	0.0	0.0	0.0	0.0	9.2	1.8	0.0	0.0	0.0	0.0	0.0		11.0
8. MOH	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0		6.8
9. PFOH	744.0	672.0	743.0	337.8	22.5	1.5	0.7	16.0	10.0	29.2	132.0		2708.6
10. LR PF (MW)	289.2	262.1	261.8	232.3	232.3	232.3	232.3	232.3	232.3	232.3	232.3		263.4
11. PMOH	0.0	0.0	95.0	0.0	0.0	0.0	54.0	181.5	0.0	23.0	721.0		1074.5
12. LR PM (MW)	0.0	0.0	261.8	0.0	0.0	0.0	232.3	232.3	0.0	232.3	298.5		279.3
13. NSC (MW)	1047	1047	1047	929	929	929	929	929	929	929	929		959
14. OPR BTU(GBTU)	1988.4890	2594.2940	2257.3990	2174.8410	2954.1160	3426.1030	2588.2280	2919.4870	2840.5270	2616.2220	1723.4300		28083.1360
15. NET GEN (MWH)	268566	351353	298785	291047	396114	464273	345463	392830	381200	347775	228574		3765980
16. ANOHR (BTU/KWH)	7404	7384	7555	7472	7458	7380	7492	7432	7452	7523	7540		7457
17. NOF (%)	52.9	49.9	38.5	58.3	58.0	69.6	50.0	56.8	57.0	50.3	45.5		53.2
18. NPC (MW)	1047	1047	1047	929	929	929	929	929	929	929	929		961
19. ANOHR EQUATION	ANOHR = NOF(-9.350) + 8.101												

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**Tampa Electric Company  
Outage Listing  
(11/01/2013 - 11/30/2013)**

Unit: **BIG BEND 1**      MDC: **410**      Run Date: **12/9/2013**

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
292	Partial Forced Immed	11/02/2013	09:00:00	11/02/2013	11:45:00	2.75	310	8760	CEM	High opacity indication possibly due to rain intrusion
293	Partial Maintenance	11/06/2013	01:40:00	11/06/2013	02:00:00	0.33	210	4268	TURB	Turbine valve testing
294	Partial Forced Immed	11/06/2013	20:10:00	11/07/2013	06:00:00	9.83	400	1493	BLR	ID Fan suction pressure limits
295	Partial Forced Immed	11/08/2013	09:14:00	11/09/2013	15:00:00	29.77	400	8551	POLL	Precipitator TR sets failed/ out of service
296	Partial Forced Immed	11/09/2013	15:00:00	11/09/2013	18:00:00	3	390	8551	POLL	Precipitator TR sets failed/ out of service
297	Partial Forced Immed	11/09/2013	18:00:00	11/09/2013	21:00:00	3	395	8551	POLL	Precipitator TR sets failed/ out of service
298	Maintenance Outage	11/09/2013	21:00:00	11/10/2013	15:00:00	18	0	4610	GEN	Generator hydrogen vent valves replacement
299	Partial Forced Immed	11/10/2013	18:20:00	11/11/2013	03:15:00	8.92	400	8551	POLL	Precipitator TR sets failed/ out of service
300	Partial Forced Immed	11/11/2013	03:15:00	11/11/2013	06:05:00	2.83	345	3501	BLPT	B Heater Drip pumped tripped
301	Partial Forced Immed	11/11/2013	06:05:00	11/11/2013	18:00:00	11.92	400	1493	BLR	ID Fan suction pressure limits
302	Partial Forced Immed	11/11/2013	18:00:00	11/12/2013	00:01:00	6.02	380	3502	BLPT	3rd point heater level controls erratic
303	Partial Forced Immed	11/12/2013	00:01:00	11/18/2013	11:15:00	155.23	400	1493	BLR	ID Fan suction pressure limits
304	Partial Forced Immed	11/18/2013	11:15:00	11/18/2013	16:20:00	5.08	390	1493	BLR	ID Fan suction pressure limits
305	Partial Forced Immed	11/18/2013	16:20:00	11/19/2013	06:00:00	13.67	400	1493	BLR	ID Fan suction pressure limits
306	Partial Forced Immed	11/19/2013	06:00:00	11/19/2013	22:35:00	16.58	390	1493	BLR	ID Fan suction pressure limits
307	Partial Forced Delayed	11/19/2013	22:35:00	11/20/2013	12:45:00	14.17	340	1350	BLR	Operating at reduced steam header (1800#) due to po
308	Partial Forced Postponed	11/20/2013	12:45:00	11/21/2013	07:10:00	18.42	330	1350	BLR	Operating at reduced steam header (1800#) due to po
309	Partial Forced Delayed	11/21/2013	07:10:00	11/22/2013	00:30:00	17.33	300	1350	BLR	Operating at reduced steam header (1600#) due to po
310	Full Forced Delayed	11/22/2013	00:30:00	11/28/2013	00:01:00	143.52	0	1050	BLR	Boiler tube leak
311	Partial Forced Immed	11/28/2013	06:20:00	11/28/2013	10:45:00	4.42	360	3501	BLPT	A Heater Drip pumped tripped
312	Partial Forced Immed	11/28/2013	12:25:00	11/28/2013	12:40:00	0.25	380	0250	BLR	A2 Coal Feeder tripped

**Tampa Electric Company  
Outage Listing  
(11/01/2013 - 11/30/2013)**

Unit: **BIG BEND 2**      MDC: **410**      Run Date: **12/9/2013**

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
263	Planned Derating	11/03/2013	00:35:00	11/03/2013	04:00:00	4.42	270	0340	BLR	B Pulverizer maintenance
264	Maintenance Outage	11/07/2013	02:30:00	11/11/2013	17:05:00	110.58	0	1050	BLR	Boiler tube leak
265	Partial Forced Immed	11/11/2013	21:45:00	11/12/2013	09:00:00	11.25	380	8551	POLL	Precipitator TR sets failed/ out of service
266	Full Forced Delayed	11/12/2013	09:00:00	11/18/2013	18:39:00	153.65	0	1050	BLR	Boiler tube leak
267	Full Forced Delayed	11/23/2013	23:22:00	11/25/2013	09:16:00	33.9	0	4283	TURB	#5 bearing oil drain piping leak
268	Partial Maintenance	11/27/2013	03:18:00	11/27/2013	03:35:00	0.28	210	4268	TURB	Turbine valve testing

**Tampa Electric Company  
Outage Listing  
(11/01/2013 - 11/30/2013)**

Unit: **BIG BEND 3**      MDC: **390**      Run Date: **12/9/2013**

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	Planned Outage	10/24/2013	00:06:00	11/05/2013	21:33:00	118.55	0	1488	BLR	Air Preheater repairs
104	Partial Forced Immed	11/06/2013	08:00:00	11/06/2013	09:50:00	1.83	250	0920	BLR	A Slag Tank neck has a hotspot
105	Planned Derating	11/15/2013	01:30:00	11/15/2013	02:25:00	0.92	220	1480	BLR	A ID Fan seal air damper repair
106	Partial Maintenance	11/15/2013	23:41:00	11/16/2013	00:20:00	0.65	320	4268	TURB	Turbine valve testing
107	Planned Derating	11/19/2013	23:15:00	11/20/2013	03:05:00	3.83	265	0250	BLR	A1 Coal Feeder drag chain repair
108	Partial Forced Immed	11/20/2013	19:38:00	11/20/2013	21:40:00	2.03	310	3661	BLPT	300E 4160V breaker (B Primary Air fan) closing coil fa
109	Partial Maintenance	11/29/2013	22:30:00	11/29/2013	23:20:00	0.83	330	4268	TURB	Turbine valve testing
110	Partial Maintenance	11/29/2013	23:25:00	11/30/2013	04:00:00	4.58	325	0340	BLR	Mill peaking
111	Partial Maintenance	11/30/2013	18:30:00	11/30/2013	19:15:00	0.75	370	0340	BLR	Mill peaking

**Tampa Electric Company  
Outage Listing  
(11/01/2013 - 11/30/2013)**

Unit: **BIG BEND 4**      MDC: **440**      Run Date: **12/9/2013**

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
84	Partial Forced Immed	10/31/2013	22:56:00	11/01/2013	00:17:00	0.28	310	3996	BLPT	B ID Fan channel 1 tripped due to loss of facilities buil
85	Partial Forced Immed	11/01/2013	17:45:00	11/01/2013	22:00:00	4.25	220	3273	BLPT	A circulating water system coarse mesh screen plugga
86	Partial Forced Immed	11/01/2013	22:30:00	11/01/2013	23:00:00	0.5	200	1470	BLR	B ID Fan Channel 2 tripped
87	Partial Forced Immed	11/01/2013	23:00:00	11/02/2013	05:50:00	6.83	390	1470	BLR	Loss of B ID Fan Channel 2
88	Partial Forced Immed	11/07/2013	15:00:00	11/08/2013	05:45:00	14.75	435	8551	POLL	Precipitator TR sets failed/ out of service
89	Partial Forced Delayed	11/08/2013	05:45:00	11/11/2013	06:00:00	72.25	415	1350	BLR	Operating at reduced steam header (2200#) due to su
90	Partial Forced Delayed	11/11/2013	06:00:00	11/17/2013	09:10:00	147.17	420	1350	BLR	Operating at reduced steam header (2200#) due to su
91	Partial Forced Delayed	11/17/2013	09:10:00	11/18/2013	00:00:00	14.83	390	1350	BLR	Operating at reduced steam header (2000#) due to su
92	Partial Forced Delayed	11/18/2013	00:00:00	11/19/2013	02:21:00	26.35	345	1350	BLR	Operating at reduced steam header (1800#) due to su
93	Maintenance Outage	11/19/2013	02:21:00	11/24/2013	07:37:00	125.27	0	1050	BLR	Boiler tube leak
94	Full Forced Delayed	11/25/2013	01:07:00	11/25/2013	23:53:00	22.77	0	0260	BLR	A Primary air fan vibration
95	Partial Maintenance	11/30/2013	23:50:00	12/01/2013	01:00:00	0.17	225	4268	TURB	Turbine valve testing

**Tampa Electric Company  
Outage Listing  
(11/01/2013 - 11/30/2013)**

Unit: POLK 1 MDC: 290 Run Date: 12/9/2013

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
78	Noncurtailing	11/01/2013	13:09:00	11/01/2013	22:01:00	8.87	0	5116	GAST Co-firing	
79	Maintenance Outage	11/03/2013	08:13:00	11/03/2013	10:19:00	2.1	0	5248	GAST	GE download for Nat Gas conversion issues, DCS dov
80	Partial Forced Immed	11/03/2013	10:30:00	11/03/2013	11:49:00	1.32	50	5248	GAST	GE downloads not allowing NOx Control to function
81	Maintenance Outage	11/03/2013	11:49:00	11/07/2013	18:00:00	102.18	0	5299	GAST	Downloads for Diluent hardware & controls, steam lea
82	Reserve Shutdown	11/07/2013	18:00:00	11/08/2013	17:25:00	23.42	0	0000	UNKN	RESERVE SHUTDOWN
83	Full Forced Immed	11/11/2013	19:45:00	11/11/2013	21:35:00	1.83	0	5248	GAST	GTG tripped whil Syngas system purging (pressure inc
84	Partial Forced Immed	11/03/2013	11:49:00	11/13/2013	02:17:00	102.18	220	5049	GAST	CSC Cleaning, RSC HP Cooling coil Leak, DCS issue:
84	Partial Forced Immed	11/03/2013	11:49:00	11/13/2013	02:17:00	23.42	220	5049	GAST	CSC Cleaning, RSC HP Cooling coil Leak, DCS issue:
84	Partial Forced Immed	11/03/2013	11:49:00	11/13/2013	02:17:00	74.33	220	5049	GAST	CSC Cleaning, RSC HP Cooling coil Leak, DCS issue:
84	Partial Forced Immed	11/03/2013	11:49:00	11/13/2013	02:17:00	1.83	220	5049	GAST	CSC Cleaning, RSC HP Cooling coil Leak, DCS issue:
84	Partial Forced Immed	11/03/2013	11:49:00	11/13/2013	02:17:00	28.7	220	5049	GAST	CSC Cleaning, RSC HP Cooling coil Leak, DCS issue:
85	Partial Forced Immed	11/13/2013	13:47:00	11/14/2013	15:29:00	0.28	220	5049	GAST	Saturator Circ pump expansion Joint failure
85	Partial Forced Immed	11/13/2013	13:47:00	11/14/2013	15:29:00	1.73	220	5049	GAST	Saturator Circ pump expansion Joint failure
85	Partial Forced Immed	11/13/2013	13:47:00	11/14/2013	15:29:00	23.68	220	5049	GAST	Saturator Circ pump expansion Joint failure
86	Partial Forced Immed	11/19/2013	11:19:00	11/19/2013	15:02:00	3.72	220	5049	GAST	GEHO loss suction, tripped Gasifier
87	Full Forced Immed	11/13/2013	14:04:00	11/13/2013	15:48:00	1.73	0	5248	GAST	GTG Logic forced DGAN valve shut, tripping GTG on
88	Full Forced Immed	11/19/2013	15:02:00	11/19/2013	21:30:00	6.47	0	5248	GAST	GTG logic tripped GTG with Gasifier trip, DGAN shut..

**Tampa Electric Company  
Outage Listing  
(11/01/2013 - 11/30/2013)**

Unit: **BAYSIDE ST1**      MDC: **236**      Run Date: **12/9/2013**

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
4	Planned Outage	11/17/2013	23:51:00	11/24/2013	19:00:00	163.15	0	3113	COND	Planned Fall outage. Condenser and tunnel cleaning.
5	Reserve Shutdown	11/24/2013	19:01:00	11/30/2013	23:59:00	148.97	0	0000	UNKN	RESERVE SHUTDOWN



**Tampa Electric Company  
Outage Listing  
(11/01/2013 - 11/30/2013)**

Unit: **BAYSIDE CT1A**      MDC: **158**      Run Date: **12/9/2013**

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
164	Reserve Shutdown	11/01/2013	00:00:00	11/01/2013	11:28:00	11.47	0	0000	UNKN	RESERVE SHUTDOWN
165	Reserve Shutdown	11/01/2013	21:10:00	11/02/2013	05:42:00	8.53	0	0000	UNKN	RESERVE SHUTDOWN
166	Reserve Shutdown	11/02/2013	21:37:00	11/04/2013	08:42:00	36.08	0	0000	UNKN	RESERVE SHUTDOWN
167	Reserve Shutdown	11/05/2013	21:53:00	11/06/2013	08:11:00	10.3	0	0000	UNKN	RESERVE SHUTDOWN
168	Reserve Shutdown	11/06/2013	22:01:00	11/07/2013	05:59:00	7.97	0	0000	UNKN	RESERVE SHUTDOWN
169	Reserve Shutdown	11/07/2013	22:36:00	11/08/2013	06:06:00	7.5	0	0000	UNKN	RESERVE SHUTDOWN
170	Reserve Shutdown	11/08/2013	23:00:00	11/09/2013	07:07:00	8.12	0	0000	UNKN	RESERVE SHUTDOWN
171	Reserve Shutdown	11/10/2013	22:53:00	11/11/2013	05:56:00	7.05	0	0000	UNKN	RESERVE SHUTDOWN
172	Reserve Shutdown	11/11/2013	22:17:00	11/12/2013	05:20:00	7.05	0	0000	UNKN	RESERVE SHUTDOWN
173	Reserve Shutdown	11/12/2013	23:00:00	11/13/2013	05:57:00	6.95	0	0000	UNKN	RESERVE SHUTDOWN
174	Reserve Shutdown	11/13/2013	21:51:00	11/14/2013	05:03:00	7.2	0	0000	UNKN	RESERVE SHUTDOWN
175	Reserve Shutdown	11/14/2013	21:41:00	11/15/2013	06:03:00	8.37	0	0000	UNKN	RESERVE SHUTDOWN
176	Planned Outage	11/15/2013	17:05:00	11/24/2013	19:00:00	217.92	0	5274	GAST	Planned fall outage. General cleanings, lubrications &
177	Reserve Shutdown	11/24/2013	19:01:00	11/30/2013	23:59:00	148.97	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company  
Outage Listing  
(11/01/2013 - 11/30/2013)**

Unit: **BAYSIDE CT1B**      MDC: **158**      Run Date: **12/9/2013**

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
187	Reserve Shutdown	11/01/2013	23:14:00	11/03/2013	08:29:00	34.25	0	0000	UNKN	RESERVE SHUTDOWN
188	Reserve Shutdown	11/03/2013	20:56:00	11/04/2013	06:22:00	9.43	0	0000	UNKN	RESERVE SHUTDOWN
189	Reserve Shutdown	11/04/2013	20:53:00	11/05/2013	10:49:00	13.93	0	0000	UNKN	RESERVE SHUTDOWN
190	Reserve Shutdown	11/06/2013	23:23:00	11/07/2013	06:37:00	7.23	0	0000	UNKN	RESERVE SHUTDOWN
191	Reserve Shutdown	11/09/2013	01:08:00	11/09/2013	09:10:00	8.03	0	0000	UNKN	RESERVE SHUTDOWN
192	Reserve Shutdown	11/11/2013	00:24:00	11/11/2013	08:08:00	7.73	0	0000	UNKN	RESERVE SHUTDOWN
193	Reserve Shutdown	11/11/2013	23:31:00	11/12/2013	06:40:00	7.15	0	0000	UNKN	RESERVE SHUTDOWN
194	Reserve Shutdown	11/12/2013	23:53:00	11/13/2013	11:46:00	11.88	0	0000	UNKN	RESERVE SHUTDOWN
195	Planned Outage	11/16/2013	21:46:00	11/24/2013	19:00:00	189.23	0	5274	GAST	Planned Fall outage. General cleanings, lubrications &
196	Reserve Shutdown	11/24/2013	19:01:00	11/30/2013	23:59:00	148.97	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company  
Outage Listing  
(11/01/2013 - 11/30/2013)**

Unit: BAYSIDE CT1C MDC: 158 Run Date: 12/9/2013

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
182	Reserve Shutdown	11/01/2013	00:00:00	11/01/2013	09:26:00	9.43	0	0000	UNKN	RESERVE SHUTDOWN
183	Reserve Shutdown	11/04/2013	23:29:00	11/05/2013	09:48:00	10.32	0	0000	UNKN	RESERVE SHUTDOWN
184	Reserve Shutdown	11/05/2013	23:23:00	11/06/2013	11:26:00	12.05	0	0000	UNKN	RESERVE SHUTDOWN
185	Reserve Shutdown	11/13/2013	23:44:00	11/14/2013	10:31:00	10.78	0	0000	UNKN	RESERVE SHUTDOWN
186	Reserve Shutdown	11/14/2013	23:25:00	11/15/2013	09:54:00	10.48	0	0000	UNKN	RESERVE SHUTDOWN
187	Reserve Shutdown	11/15/2013	21:53:00	11/16/2013	09:10:00	11.28	0	0000	UNKN	RESERVE SHUTDOWN
188	Planned Outage	11/17/2013	23:49:00	11/24/2013	19:00:00	163.18	0	5274	GAST	Planned Fall outage. General cleanings, lubrications &
189	Reserve Shutdown	11/24/2013	19:01:00	11/30/2013	23:59:00	148.97	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company  
Outage Listing  
(11/01/2013 - 11/30/2013)**

Unit: BAYSIDE ST2      MDC: 308      Run Date: 12/9/2013

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
6	Planned Outage	11/08/2013	00:01:00	11/15/2013	12:05:00	180.07	0	3113	COND	Planned fall outage. Condenser and tunnel cleaning.

**Tampa Electric Company  
Outage Listing  
(11/01/2013 - 11/30/2013)**

Unit: **BAYSIDE CT2A**      MDC: **158**      Run Date: **12/9/2013**

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
218	Reserve Shutdown	11/02/2013	12:10:00	11/04/2013	19:08:00	55.97	0	0000	UNKN	RESERVE SHUTDOWN
219	Planned Outage	11/04/2013	19:09:00	11/16/2013	02:25:00	271.27	0	5274	GAST	Planned Fall outage. General cleanings, lubrications &
220	Reserve Shutdown	11/16/2013	02:26:00	11/17/2013	10:06:00	31.67	0	0000	UNKN	RESERVE SHUTDOWN
221	Full Forced Immed	11/17/2013	10:07:00	11/22/2013	15:02:00	124.92	0	3622	BLPT	Failure of 2A CT GSU
222	Reserve Shutdown	11/22/2013	15:03:00	11/22/2013	16:07:00	1.07	0	0000	UNKN	RESERVE SHUTDOWN
223	Reserve Shutdown	11/26/2013	23:01:00	11/27/2013	05:57:00	6.93	0	0000	UNKN	RESERVE SHUTDOWN
224	Reserve Shutdown	11/28/2013	11:03:00	11/30/2013	23:59:00	60.93	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company  
Outage Listing  
(11/01/2013 - 11/30/2013)**

Unit: **BAYSIDE CT2B**      MDC: **158**      Run Date: **12/9/2013**

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
163	Reserve Shutdown	11/01/2013	00:00:00	11/01/2013	06:43:00	6.72	0	0000	UNKN	RESERVE SHUTDOWN
164	Reserve Shutdown	11/01/2013	22:32:00	11/02/2013	09:16:00	10.73	0	0000	UNKN	RESERVE SHUTDOWN
167	Reserve Shutdown	11/03/2013	22:01:00	11/05/2013	08:28:00	34.45	0	0000	UNKN	RESERVE SHUTDOWN
168	Planned Outage	11/05/2013	20:42:00	11/17/2013	16:30:00	283.8	0	5274	GAST	Planned fall outage. General cleanings, lubrications a
170	Reserve Shutdown	11/17/2013	16:31:00	11/18/2013	05:52:00	13.35	0	0000	UNKN	RESERVE SHUTDOWN
171	Reserve Shutdown	11/18/2013	22:22:00	11/19/2013	05:16:00	6.9	0	0000	UNKN	RESERVE SHUTDOWN
172	Reserve Shutdown	11/19/2013	22:22:00	11/20/2013	06:32:00	8.17	0	0000	UNKN	RESERVE SHUTDOWN
173	Reserve Shutdown	11/21/2013	00:47:00	11/21/2013	08:27:00	7.67	0	0000	UNKN	RESERVE SHUTDOWN
174	Reserve Shutdown	11/21/2013	23:12:00	11/22/2013	06:18:00	7.1	0	0000	UNKN	RESERVE SHUTDOWN
175	Reserve Shutdown	11/23/2013	00:08:00	11/23/2013	07:14:00	7.1	0	0000	UNKN	RESERVE SHUTDOWN
176	Reserve Shutdown	11/24/2013	21:10:00	11/25/2013	04:44:00	7.57	0	0000	UNKN	RESERVE SHUTDOWN
177	Reserve Shutdown	11/25/2013	22:40:00	11/26/2013	05:51:00	7.18	0	0000	UNKN	RESERVE SHUTDOWN
178	Reserve Shutdown	11/26/2013	21:29:00	11/27/2013	23:21:00	25.87	0	0000	UNKN	RESERVE SHUTDOWN
179	Full Forced Immed	11/27/2013	23:22:00	11/28/2013	06:27:00	7.08	0	5190	GAST	ammonia blowers unavail, need blowers for ammonia
180	Reserve Shutdown	11/28/2013	06:28:00	11/28/2013	07:40:00	1.2	0	0000	UNKN	RESERVE SHUTDOWN
181	Reserve Shutdown	11/28/2013	13:08:00	11/30/2013	23:59:00	58.85	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company  
Outage Listing  
(11/01/2013 - 11/30/2013)**

Unit: BAYSIDE CT2C MDC: 158 Run Date: 12/9/2013

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	Reserve Shutdown	11/01/2013	02:15:00	11/01/2013	12:43:00	10.47	0	0000	UNKN	RESERVE SHUTDOWN
43	Reserve Shutdown	11/02/2013	02:02:00	11/03/2013	10:44:00	33.7	0	0000	UNKN	RESERVE SHUTDOWN
44	Planned Outage	11/06/2013	21:21:00	11/14/2013	20:48:00	191.45	0	5274	GAST	Planned fall outage. General cleanings, lubrications a
45	Reserve Shutdown	11/14/2013	20:49:00	11/15/2013	03:01:00	6.2	0	0000	UNKN	RESERVE SHUTDOWN
46	Reserve Shutdown	11/18/2013	00:56:00	11/18/2013	07:51:00	6.92	0	0000	UNKN	RESERVE SHUTDOWN
47	Reserve Shutdown	11/23/2013	02:04:00	11/23/2013	09:09:00	7.08	0	0000	UNKN	RESERVE SHUTDOWN
48	Reserve Shutdown	11/26/2013	01:26:00	11/26/2013	10:44:00	9.3	0	0000	UNKN	RESERVE SHUTDOWN
49	Reserve Shutdown	11/28/2013	00:00:00	11/28/2013	09:32:00	9.53	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company  
Outage Listing  
(11/01/2013 - 11/30/2013)**

Unit: BAYSIDE CT2D MDC: 158 Run Date: 12/9/2013

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
227	Reserve Shutdown	11/01/2013	00:00:00	11/01/2013	10:34:00	10.57	0	0000	UNKN	RESERVE SHUTDOWN
228	Reserve Shutdown	11/01/2013	23:49:00	11/04/2013	12:32:00	61.72	0	0000	UNKN	RESERVE SHUTDOWN
229	Reserve Shutdown	11/04/2013	22:19:00	11/05/2013	06:32:00	8.22	0	0000	UNKN	RESERVE SHUTDOWN
230	Reserve Shutdown	11/05/2013	22:34:00	11/06/2013	09:22:00	10.8	0	0000	UNKN	RESERVE SHUTDOWN
231	Planned Outage	11/07/2013	23:59:00	11/15/2013	12:05:00	180.1	0	5274	GAST	Planned fall outage. General cleanings, lubrications a
232	Reserve Shutdown	11/15/2013	12:06:00	11/17/2013	08:57:00	44.85	0	0000	UNKN	RESERVE SHUTDOWN
233	Reserve Shutdown	11/19/2013	00:06:00	11/19/2013	07:00:00	6.9	0	0000	UNKN	RESERVE SHUTDOWN
234	Reserve Shutdown	11/20/2013	23:01:00	11/21/2013	05:55:00	6.9	0	0000	UNKN	RESERVE SHUTDOWN
235	Reserve Shutdown	11/24/2013	22:48:00	11/25/2013	00:48:00	2	0	0000	UNKN	RESERVE SHUTDOWN
236	Reserve Shutdown	11/26/2013	00:13:00	11/26/2013	07:49:00	7.6	0	0000	UNKN	RESERVE SHUTDOWN
237	Reserve Shutdown	11/27/2013	00:18:00	11/27/2013	09:38:00	9.33	0	0000	UNKN	RESERVE SHUTDOWN
238	Reserve Shutdown	11/27/2013	21:04:00	11/28/2013	06:39:00	9.58	0	0000	UNKN	RESERVE SHUTDOWN
239	Reserve Shutdown	11/28/2013	12:11:00	11/30/2013	23:59:00	59.8	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
COS	Carbonyl Sulfide	LP	Low Pressure
CRH	Cold Reheat	LVDT	Linear Variable Differential Transducer
CSC	Convective Syngas Coolers	MAC	Main Air Compressor
CT	Combustion Turbine	MkVIe	Mark 5e GE Logic Controller
DCS	Digital Control System	MOC	Motor Operated Control
EH	Electro Hydraulic	MOV	Motor Operated Valve
FAT	Final Absorber Tower	PLC	Programmable Logic Controller
FD	Forced Draft	Pp	Pump
Fdwtr	Feed water	RATA	Relative Accuracy Test Audit
FGD	Flue Gas Desulfurization	RSV	Reheat Stop Valve
GEHO	Manufacturer of Slurry Pump	RTD	Resistance Temperature Device
GTG	Gas Turbine Generator	SAP	Sulfuric Acid Plant
HP	High Pressure	ST	Steam Turbine
HRSG	Heat Recovery Steam Generator	STARSS	Strategic Anti-Rotating Stall Schedule
HX	Heat Exchanger	T/R	Transformer Rectifier
IAS	Instrument Air Supply	TC	Thermocouple
ID	Induced Draft	WWTL	Water wall tube leak
		ZBL	Zero Ball Loss condenser cleaning system