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July 25, 2013

HAND DELIVERED

RECEIVED-FPSC
13 JUL 25 PM 1:34
COMMISSION
CLERK

Ms. Ann Cole, 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

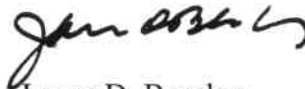
Dear Ms. Cole:

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 June 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.)

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ENG 1
GCL 1
IDM
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 25th day of July 2013, to the following:

Ms. Martha F. Barrera*
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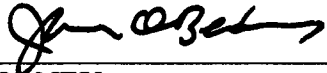
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ATTORNEY

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							61.3
2. PH	744	672	743	720	744	720							4343
3. SH	122.4	159.0	663.7	651.8	659.0	601.3							2857.2
4. RSH	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							1485.8
6. POH	257.0	513.0	0.0	0.0	0.0	0.0							770.0
7. FOH	364.6	0.0	79.3	68.2	85.0	118.8							715.8
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
9. PFOH	26.3	148.0	299.7	76.9	40.2	129.0							720.2
10. LR PF (MW)	7.7	168.1	98.8	115.9	18.1	25.0							93.8
11. PMOH	0.8	0.0	22.9	1.7	8.0	81.7							115.2
12. LR PM (MW)	0.0	0.0	50.1	0.0	120.4	76.8							72.9
13. NSC (MW)	395	395	395	385	385	385							388
14. OPR BTU(GBTU)	487.0975	374.0533	2297.3731	2468.4777	2545.9370	2244.5798							10417.5183
15. NET GEN (MWH)	45745	32994	218329	237862	240612	212558							988099
16. ANOHR (BTU/KWH)	10648	11337	10523	10378	10581	10560							10543
17. NOF (%)	94.6	52.5	83.3	94.8	94.8	91.8							89.1
18. NPC (MW)	395	395	395	385	385	385							390
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							76.1
2. PH	744	672	743	720	744	720							4343
3. SH	278.2	433.3	743.0	577.4	744.0	720.0							3495.9
4. RSH	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							847.1
6. POH	217.4	213.8	0.0	0.0	0.0	0.0							431.2
7. FOH	248.4	24.8	0.0	0.0	0.0	0.0							273.2
8. MOH	0.0	0.0	0.0	142.6	0.0	0.0							142.6
9. PFOH	93.6	296.0	97.4	116.7	47.1	370.4							1021.1
10. LR PF (MW)	26.4	127.1	74.4	93.0	53.4	23.3							67.9
11. PMOH	15.0	0.7	16.2	1.6	12.8	5.6							51.9
12. LR PM (MW)	4.7	0.0	138.4	0.0	125.5	191.2							96.2
13. N5C (MW)	395	395	395	385	385	385							389
14. OPR BTU(GBTU)	1011.8110	1335.0391	2762.7110	2053.6345	2862.9044	2660.4901							12686.5901
15. NET GEN (MWH)	101821	119862	271581	202976	278394	259235							1233869
16. ANOHR (BTU/KWH)	9937	11138	10173	10118	10284	10263							10282
17. NOF (%)	92.6	70.0	92.5	91.3	97.2	93.5							90.7
18. NPC (MW)	395	395	395	385	385	385							390
19. ANOHR EQUATION	ANOHR = NOF(-11.395) + 11,200												

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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 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							47.1
2. PH	744	672	743	720	744	720							4343
3. SH	744.0	672.0	21.1	0.0	254.6	644.7							2336.3
4. RSH	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							2006.7
6. POH	0.0	0.0	721.9	720.0	435.9	0.0							1877.8
7. FOH	0.0	0.0	0.0	0.0	27.5	0.0							27.5
8. MOH	0.0	0.0	0.0	0.0	26.0	75.3							101.4
9. PFOH	342.2	23.0	0.0	0.0	52.7	36.8							454.6
10. LR PF (MW)	58.5	113.4	0.0	0.0	56.5	99.5							64.3
11. PMOH	401.8	649.0	21.1	0.0	4.3	10.1							1086.3
12. LR PM (MW)	58.6	75.5	88.9	0.0	205.9	101.7							70.3
13. NSC (MW)	365	365	365	365	365	365							365
14. OPR BTU(GBTU)	2382.3427	2039.6597	50.4865	0.0000	877.5093	2378.6065							7728.6046
15. NET GEN (MWH)	220461	188638	4505	0	86122	232486							732212
16. ANOHR BTU/KWH	10806	10813	11207	0	10189	10231							10555
17. NOF (%)	81.2	76.9	58.5	0.0	92.7	98.8							85.9
18. NPC (MW)	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							69.0
2. PH	744	672	743	720	744	720							4343
3. SH	744.0	261.8	722.1	720.0	671.8	409.3							3529.0
4. R5H	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							814.0
6. POH	0.0	410.3	11.9	0.0	0.0	0.0							422.1
7. FOH	0.0	0.0	9.0	0.0	72.2	310.7							391.9
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
9. PFOH	738.5	261.8	269.5	30.7	593.0	111.5							2005.0
10. LR PF (MW)	180.4	177.3	43.9	4.6	25.2	16.1							103.9
11. PMOH	5.5	0.0	16.0	9.6	14.8	12.0							57.9
12. LR PM (MW)	222.4	0.0	193.2	141.2	77.6	282.1							176.3
13. NSC (MW)	417	417	417	407	407	407							412
14. OPR BTU(GBTU)	1903.3464	658.7300	2742.4696	2996.4592	2680.6620	1637.3214							12618.9887
15. NET GEN (MWH)	172056	60827	269732	288798	253441	155428							1200281
16. ANOHR BTU/KWH	11062	10830	10167	10376	10577	10534							10513
17. NOF (%)	55.5	55.7	89.6	98.6	92.7	93.3							82.6
18. NPC (MW)	417	417	417	407	407	407							412
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							62.5
2. PH	744	672	743	720	744	720							4343
3. SH	698.6	443.5	717.9	184.9	0.0	396.8							2441.7
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
5. UH	45.4	96.1	9.8	408.0	744.0	323.2							1626.6
6. POH	0.0	0.0	0.0	408.0	744.0	185.3							1337.2
7. FOH	45.4	20.0	9.8	0.0	0.0	62.2							137.5
8. MOH	0.0	76.1	0.0	0.0	0.0	75.8							151.9
9. PFOH	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
11. PMOH	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
13. NSC (MW)	220	220	220	220	220	220							220
14. OPR BTU(GBTU)	1627.7924	1003.9540	1587.8821	410.1834	0.0000	759.2876							5389.0994
15. NET GEN (MWH)	152120	92880	153212	34073	-4609	59478							487155
16. ANOHR BTU/KWH	10701	10809	10364	12038	0	12766							11062
17. NOF (%)	99.0	95.2	97.0	83.7	0.0	68.1							90.7
18. NPC (MW)	220	220	220	220	220	220							220
19. ANOHR EQUATION	ANOHR = NOF(-130.472) + 22,869												

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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 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							95.1
2. PH	744	672	743	720	744	720							4343
3. SH	564.4	672.0	571.5	720.0	744.0	720.0							3991.9
4. RSH	179.6	0.0	0.0	0.0	0.0	0.0							179.6
5. UH	0.0	0.0	171.5	0.0	0.0	0.0							171.5
6. POH	0.0	0.0	171.5	0.0	0.0	0.0							171.5
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
8. MOH	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							27.8
10. LR PF (MW)	264.0	0.0	0.0	233.7	233.7	233.7							236.8
11. PMOH	0.0	0.0	101.0	0.0	4.4	0.0							105.3
12. LR PM (MW)	0.0	0.0	240.5	0.0	233.7	0.0							240.2
13. NSC (MW)	792	792	792	701	701	701							742
14. OPR BTU(GBTU)	2068.9170	2603.4990	1412.2370	2422.6010	2282.6310	2451.5690							13241.4540
15. NET GEN (MWH)	283302	361640	190076	331371	312471	336597							1815458
16. ANOHR (BTU/KWH)	7303	7199	7430	7311	7305	7283							7294
17. NOF (%)	63.4	67.9	42.0	65.7	59.9	66.7							61.3
18. NPC (MW)	792	792	792	701	701	701							747
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							79.3
2. PH	744	672	743	720	744	720							4343
3. SH	485.0	672.0	741.3	537.5	734.8	718.2							3888.8
4. RSH	259.0	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							195.1
6. POH	0.0	0.0	1.7	175.6	0.0	0.0							177.3
7. FOH	0.0	0.0	0.0	0.0	9.2	1.8							11.0
8. MOH	0.0	0.0	0.0	6.8	0.0	0.0							6.8
9. PFOH	744.0	672.0	743.0	337.8	22.5	1.5							2520.8
10. LR PF (MW)	289.2	262.1	261.8	232.3	232.3	232.3							265.7
11. PMOH	0.0	0.0	95.0	0.0	0.0	0.0							95.0
12. LR PM (MW)	0.0	0.0	261.8	0.0	0.0	0.0							261.8
13. NSC (MW)	1047	1047	1047	929	929	929							987
14. OPR 8TU(GBTU)	1988.4890	2594.2940	2257.3990	2174.8410	2954.1160	3426.1030							15395.2420
15. NET GEN (MWH)	268566	351353	298785	291047	396114	464273							2070138
16. ANOHR (BTU/KWH)	7404	7384	7555	7472	7458	7380							7437
17. NOF (%)	52.9	49.9	38.5	58.3	58.0	69.6							54.0
18. NPC (MW)	1047	1047	1047	929	929	929							988
19. ANOHR EQUATION	ANOHR = NOF(-9.350) + 8,101												

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**Tampa Electric Company
Outage Listing
(06/01/2013 - 06/30/2013)**

Unit: **BIG BEND 1** MDC: **410** Run Date: **7/18/2013**

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
65	Partial Forced Immed	06/01/2013	15:50:00	06/03/2013	05:40:00	37.83	400	8550	POLL	High opacity due to precipitator fouling
66	Partial Forced Immed	06/03/2013	05:40:00	06/03/2013	07:50:00	2.17	360	8550	POLL	High opacity due to precipitator fouling
67	Partial Forced Immed	06/03/2013	10:05:00	06/03/2013	12:10:00	2.08	400	8550	POLL	High opacity due to precipitator fouling
68	Partial Forced Immed	06/03/2013	12:10:00	06/04/2013	03:30:00	15.33	405	8550	POLL	High opacity due to precipitator fouling
69	Partial Forced Immed	06/06/2013	03:45:00	06/06/2013	04:50:00	1.08	350	8550	POLL	High opacity due to precipitator fouling
70	Partial Forced Immed	06/06/2013	18:00:00	06/07/2013	17:30:00	23.5	405	8550	POLL	High opacity due to precipitator fouling
71	Noncurtailing	06/09/2013	00:47:00	06/09/2013	02:20:00	1.55	340	8550	POLL	Precipitator power off rapping
72	Planned Derating	06/13/2013	00:45:00	06/13/2013	04:35:00	3.83	260	0127	BLR	B2 Dryer Crusher weld repair
73	Planned Derating	06/14/2013	06:30:00	06/16/2013	13:20:00	54.83	340	1350	BLR	Operating at reduced steam header (1800#) due to su
74	Planned Derating	06/16/2013	13:20:00	06/16/2013	21:39:00	8.32	230	1350	BLR	Operating at reduced steam header (1400#) due to su
75	Full Forced Delayed	06/16/2013	21:39:00	06/21/2013	20:24:00	118.75	0	1050	BLR	Boiler tube leak
76	Planned Derating	06/21/2013	20:44:00	06/21/2013	23:30:00	2.77	260	0510	BLR	Reduced main steam header pressure while safeties e
77	Partial Forced Immed	06/21/2013	23:30:00	06/22/2013	01:00:00	1.5	140	8790	CEM	CEMS has instrumentation issues
78	Partial Forced Immed	06/22/2013	01:00:00	06/22/2013	04:00:00	3	260	0510	BLR	Reduced main steam header pressure while safeties e
79	Partial Forced Immed	06/22/2013	10:25:00	06/22/2013	14:50:00	4.42	335	0270	BLR	B2 Mill Bypass damper stuck
80	Partial Forced Immed	06/22/2013	14:50:00	06/22/2013	18:55:00	4.08	350	0270	BLR	B2 Mill Bypass damper stuck
81	Partial Forced Immed	06/22/2013	18:55:00	06/22/2013	19:30:00	0.58	250	3631	BLPT	Lost A Substation feeder breaker 102C
82	Partial Forced Immed	06/22/2013	19:30:00	06/23/2013	10:25:00	14.92	350	0270	BLR	B2 Mill Bypass damper stuck
83	Planned Derating	06/28/2013	23:00:00	06/29/2013	11:00:00	12	380	3320	BLPT	A Condensate pump piping expansion joint repair
84	Partial Forced Immed	06/29/2013	11:27:00	06/29/2013	16:50:00	5.38	400	0270	BLR	B2 Mill Bypass damper sticking
85	Partial Forced Immed	06/29/2013	16:50:00	06/30/2013	06:00:00	13.17	395	0270	BLR	B2 Mill Bypass damper sticking

**Tampa Electric Company
Outage Listing
(06/01/2013 - 06/30/2013)**

Unit: **BIG BEND 2** MDC: **410** Run Date: **7/18/2013**

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
71	Partial Forced Immed	06/01/2013	10:00:00	06/01/2013	11:36:00	1.6	380	0250	BLR	B2 Coal feeder tripped
72	Partial Forced Immed	06/03/2013	11:15:00	06/04/2013	03:30:00	16.25	405	8550	POLL	High opacity due to precipitator fouling
73	Partial Forced Immed	06/04/2013	10:05:00	06/04/2013	18:20:00	8.25	405	8550	POLL	High opacity due to precipitator fouling
74	Partial Forced Immed	06/05/2013	14:05:00	06/06/2013	03:00:00	12.92	405	8550	POLL	High opacity due to precipitator fouling
75	Noncurtailing	06/07/2013	00:25:00	06/07/2013	03:12:00	2.78	300	8550	POLL	Precipitator power off rapping
76	Partial Forced Immed	06/08/2013	02:00:00	06/08/2013	03:30:00	1.5	400	8550	POLL	High opacity due to precipitator fouling
77	Partial Forced Immed	06/13/2013	22:30:00	06/14/2013	07:35:00	9.08	390	8550	POLL	High opacity due to precipitator fouling
78	Partial Forced Immed	06/14/2013	14:30:00	06/15/2013	18:00:00	27.5	400	8550	POLL	High opacity due to precipitator fouling
79	Noncurtailing	06/16/2013	00:45:00	06/16/2013	05:10:00	4.42	330	8550	POLL	Precipitator power off rapping
80	Partial Forced Immed	06/16/2013	23:10:00	06/17/2013	05:45:00	6.58	385	8550	POLL	High opacity due to precipitator fouling
81	Partial Forced Immed	06/17/2013	07:15:00	06/17/2013	19:00:00	11.75	400	8550	POLL	High opacity due to precipitator fouling
82	Partial Forced Immed	06/17/2013	19:00:00	06/18/2013	00:30:00	5.5	390	8550	POLL	High opacity due to precipitator fouling
83	Partial Forced Immed	06/18/2013	00:30:00	06/18/2013	06:00:00	5.5	380	8550	POLL	High opacity due to precipitator fouling
84	Partial Forced Immed	06/18/2013	06:00:00	06/18/2013	18:00:00	12	395	8550	POLL	High opacity due to precipitator fouling
85	Partial Forced Immed	06/18/2013	18:00:00	06/19/2013	00:45:00	6.75	385	8550	POLL	High opacity due to precipitator fouling
86	Partial Forced Immed	06/19/2013	06:00:00	06/19/2013	19:40:00	13.67	400	8550	POLL	High opacity due to precipitator fouling
87	Partial Forced Immed	06/19/2013	19:40:00	06/19/2013	21:50:00	2.17	370	8550	POLL	High opacity due to precipitator fouling
88	Partial Forced Immed	06/19/2013	21:50:00	06/20/2013	05:00:00	7.17	360	8550	POLL	High opacity due to precipitator fouling
89	Partial Forced Immed	06/20/2013	05:00:00	06/20/2013	16:50:00	11.83	385	8550	POLL	High opacity due to precipitator fouling
90	Partial Forced Immed	06/20/2013	16:50:00	06/21/2013	08:30:00	15.67	370	8550	POLL	High opacity due to precipitator fouling
91	Partial Forced Immed	06/21/2013	15:50:00	06/21/2013	17:58:00	2.13	400	8550	POLL	High opacity due to precipitator fouling
92	Partial Forced Immed	06/21/2013	17:58:00	06/22/2013	06:00:00	12.03	380	8550	POLL	High opacity due to precipitator fouling
93	Partial Forced Immed	06/22/2013	06:00:00	06/24/2013	08:40:00	50.67	390	8550	POLL	High opacity due to precipitator fouling
94	Partial Forced Immed	06/25/2013	08:30:00	06/25/2013	16:50:00	8.33	400	8550	POLL	High opacity due to precipitator fouling
95	Partial Forced Immed	06/25/2013	16:50:00	06/25/2013	23:30:00	6.67	390	8550	POLL	High opacity due to precipitator fouling
96	Planned Derating	06/25/2013	23:30:00	06/26/2013	04:40:00	5.17	190	3110	COND	A Condenser out of service for leak check
97	Partial Forced Immed	06/26/2013	10:00:00	06/26/2013	13:00:00	3	400	8550	POLL	High opacity due to precipitator fouling
98	Partial Forced Immed	06/26/2013	13:00:00	06/26/2013	19:30:00	6.5	395	8550	POLL	High opacity due to precipitator fouling
99	Partial Forced Immed	06/26/2013	19:30:00	06/27/2013	18:30:00	23	380	8550	POLL	High opacity due to precipitator fouling
100	Partial Forced Immed	06/27/2013	18:30:00	06/28/2013	05:10:00	10.67	375	8550	POLL	High opacity due to precipitator fouling
101	Partial Forced Immed	06/28/2013	05:10:00	06/29/2013	02:30:00	21.33	390	8550	POLL	High opacity due to precipitator fouling
102	Partial Forced Immed	06/29/2013	02:30:00	07/01/2013	11:44:00	45.5	350	8530	POLL	Tower level problems affecting efficiency
122	Partial Maintenance	06/19/2013	00:45:00	06/19/2013	01:10:00	0.42	210	4268	TURB	Turbine valve testing
124	Partial Forced Immed	06/19/2013	01:10:00	06/19/2013	06:00:00	4.83	385	8550	POLL	High opacity due to precipitator fouling

**Tampa Electric Company
Outage Listing
(06/01/2013 - 06/30/2013)**

Unit: BIG BEND 3 MDC: 390 Run Date: 7/18/2013

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
32	Partial Forced Immed	06/08/2013	10:10:00	06/08/2013	13:50:00	3.67	300	0330	BLR	C Pulverizer coal leak repair
33	Partial Forced Immed	06/09/2013	23:15:00	06/10/2013	10:49:00	11.57	280	3631	BLPT	A2 Dryer Crusher breaker problems
34	Partial Forced Immed	06/10/2013	10:49:00	06/10/2013	20:15:00	9.43	295	3631	BLPT	A2 Dryer Crusher breaker problems
35	Maintenance Outage	06/14/2013	22:24:00	06/18/2013	01:45:00	75.35	0	1510	BLR	ID Fan duct gas leaks
36	Planned Derating	06/25/2013	12:33:00	06/25/2013	17:00:00	4.45	290	3631	BLPT	B1 Crusher dryer breaker troubleshooting
37	Partial Forced Immed	06/26/2013	20:00:00	06/26/2013	21:45:00	1.75	225	3299	BLPT	A Debris filter bound up
38	Planned Derating	06/27/2013	23:05:00	06/28/2013	00:15:00	1.17	290	0340	BLR	B Pulverizer out of service to unplug reject chute
39	Planned Derating	06/28/2013	00:15:00	06/28/2013	01:25:00	1.17	215	9656	RS&E	RATA testing
40	Planned Derating	06/28/2013	01:25:00	06/28/2013	04:45:00	3.33	290	0340	BLR	B Pulverizer out of service to unplug reject chute
41	Partial Forced Immed	06/28/2013	07:40:00	06/28/2013	14:30:00	6.83	280	3631	BLPT	B1 Crusher dryer breaker troubleshooting
42	Partial Forced Immed	06/30/2013	06:30:00	06/30/2013	07:43:00	1.22	285	0340	BLR	C Pulverizer lift pressure inadequate
43	Partial Forced Immed	06/30/2013	07:43:00	06/30/2013	10:00:00	2.28	285	3631	BLPT	C2 Crusher dryer breaker troubleshooting

**Tampa Electric Company
Outage Listing
(06/01/2013 - 06/30/2013)**

Unit: BIG BEND 4 MDC: 440 Run Date: 7/18/2013

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
41	Full Forced Delayed	05/28/2013	23:51:00	06/04/2013	20:51:00	92.85	0	1000	BLR	Tube leaks
42	Startup Failure	06/04/2013	20:51:00	06/07/2013	11:12:00	62.35	0	4265	TURB	Main steam drain line leak
43	Full Forced Delayed	06/07/2013	23:18:00	06/14/2013	10:50:00	155.53	0	1035	BLR	Boiler tube leak
44	Partial Forced Immed	06/18/2013	07:30:00	06/19/2013	12:30:00	29	430	1510	BLR	ID Fan duct leaks
45	Partial Forced Immed	06/19/2013	12:30:00	06/22/2013	23:00:00	82.5	420	1510	BLR	ID Fan duct leaks
46	Planned Derating	06/22/2013	23:00:00	06/23/2013	11:00:00	12	135	8100	POLL	D Tower removed from service to clear pluggage

**Tampa Electric Company
Outage Listing
(06/01/2013 - 06/30/2013)**

Unit: POLK 1 MDC: 290 Run Date: 7/18/2013

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
20	Planned Outage Extension	05/21/2013	23:59:00	06/08/2013	17:15:00	185.25	0	5048	GAST	MkVle Controls Upgrade added work
21	Full Forced Immed	06/09/2013	00:37:00	06/11/2013	07:32:00	54.92	0	5109	GAST	High Exhaust Temperature Spread Trip, Difficult remo
22	Maintenance Outage	06/11/2013	08:09:00	06/12/2013	07:33:00	23.4	0	5048	GAST	Steam Diluent Flow Instrument Leaking, Shutdown rec
23	Maintenance Outage	06/12/2013	22:30:00	06/13/2013	12:52:00	14.37	0	5049	GAST	Removal of Start-up strainers, NG Tubing repair
24	Maintenance Outage	06/13/2013	20:12:00	06/14/2013	08:03:00	11.85	0	5041	GAST	Repair leak at start-up strainer removal pump
25	Full Forced Immed	06/17/2013	15:55:00	06/17/2013	18:18:00	2.38	0	5248	GAST	Logic improperly timed for Gasification System Pressu
26	Partial Forced Immed	06/18/2013	03:30:00	06/18/2013	03:50:00	0.33	150	4420	TURB	DGAN cooled STG to Rotor short and tripped on vibra
27	Full Forced Immed	06/18/2013	23:16:00	06/19/2013	01:09:00	1.88	0	5248	GAST	DGAN Logic not in MKVle, required shutdown of GTG
28	Full Forced Immed	06/19/2013	02:44:00	06/19/2013	05:45:00	3.02	0	5110	GAST	GTG Flameout, Cofiring logic transfered GTG to NG,D
29	Maintenance Outage	06/22/2013	06:48:00	06/23/2013	08:58:00	26.17	0	5049	GAST	Gas Fuel Drains, Bleed Heat Expansion Joint
30	Partial Forced Immed	06/28/2013	15:12:00	06/28/2013	15:28:00	0.27	165	4430	TURB	Low Vacuum Trip, Seal Steam Pressure Control Not re
31	Partial Forced Immed	06/30/2013	18:18:00	06/30/2013	18:59:00	0.68	165	4302	TURB	ETD Device testing caused trip
32	Partial Forced Immed	06/12/2013	12:00:00	06/14/2013	18:00:00	14.37	160	5049	GAST	Slurry too thin to light off, Gasifier throat plugged with :
32	Partial Forced Immed	06/12/2013	12:00:00	06/14/2013	18:00:00	7.33	160	5049	GAST	Slurry too thin to light off, Gasifier throat plugged with :
32	Partial Forced Immed	06/12/2013	12:00:00	06/14/2013	18:00:00	11.85	160	5049	GAST	Slurry too thin to light off, Gasifier throat plugged with :
32	Partial Forced Immed	06/12/2013	12:00:00	06/14/2013	18:00:00	9.95	160	5049	GAST	Slurry too thin to light off, Gasifier throat plugged with :
32	Partial Forced Immed	06/12/2013	12:00:00	06/14/2013	18:00:00	10.5	160	5049	GAST	Slurry too thin to light off, Gasifier throat plugged with :
33	Partial Forced Immed	06/22/2013	06:07:00	06/23/2013	16:21:00	7.38	200	5049	GAST	SAP Gas leak, NBS leak & Mppleak repairs, missed H
33	Partial Forced Immed	06/22/2013	06:07:00	06/23/2013	16:21:00	0.68	200	5049	GAST	SAP Gas leak, NBS leak & Mppleak repairs, missed H
33	Partial Forced Immed	06/22/2013	06:07:00	06/23/2013	16:21:00	26.17	200	5049	GAST	SAP Gas leak, NBS leak & Mppleak repairs, missed H

**Tampa Electric Company
Outage Listing
(06/01/2013 - 06/30/2013)**

Unit: **BAYSIDE ST1** MDC: **236** Run Date: **7/18/2013**

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
(06/01/2013 - 06/30/2013)**

Unit: BAYSIDE CT1A MDC: 158 Run Date: 7/18/2013

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	Reserve Shutdown	06/01/2013	21:15:00	06/02/2013	08:48:00	11.55	0	0000	UNKN	RESERVE SHUTDOWN
85	Reserve Shutdown	06/05/2013	23:56:00	06/06/2013	10:00:00	10.07	0	0000	UNKN	RESERVE SHUTDOWN
86	Reserve Shutdown	06/10/2013	22:26:00	06/11/2013	05:16:00	6.83	0	0000	UNKN	RESERVE SHUTDOWN
87	Reserve Shutdown	06/12/2013	00:18:00	06/12/2013	09:14:00	8.93	0	0000	UNKN	RESERVE SHUTDOWN
88	Reserve Shutdown	06/12/2013	23:02:00	06/13/2013	06:31:00	7.48	0	0000	UNKN	RESERVE SHUTDOWN
89	Reserve Shutdown	06/14/2013	01:50:00	06/14/2013	09:06:00	7.27	0	0000	UNKN	RESERVE SHUTDOWN
90	Reserve Shutdown	06/15/2013	01:02:00	06/15/2013	10:55:00	9.88	0	0000	UNKN	RESERVE SHUTDOWN
91	Reserve Shutdown	06/26/2013	18:03:00	06/27/2013	09:18:00	15.25	0	0000	UNKN	RESERVE SHUTDOWN
92	Reserve Shutdown	06/27/2013	21:27:00	06/28/2013	08:38:00	11.18	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(06/01/2013 - 06/30/2013)**

Unit: **BAYSIDE CT1B** MDC: **158** Run Date: **7/18/2013**

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
77	Reserve Shutdown	06/01/2013	00:00:00	06/01/2013	07:59:00	7.98	0	0000	UNKN	RESERVE SHUTDOWN
78	Reserve Shutdown	06/02/2013	01:09:00	06/02/2013	10:49:00	9.67	0	0000	UNKN	RESERVE SHUTDOWN
79	Reserve Shutdown	06/04/2013	02:05:00	06/04/2013	10:17:00	8.2	0	0000	UNKN	RESERVE SHUTDOWN
80	Reserve Shutdown	06/04/2013	22:23:00	06/05/2013	06:51:00	8.47	0	0000	UNKN	RESERVE SHUTDOWN
81	Reserve Shutdown	06/07/2013	23:59:00	06/08/2013	08:59:00	9	0	0000	UNKN	RESERVE SHUTDOWN
82	Reserve Shutdown	06/08/2013	23:37:00	06/09/2013	10:43:00	11.1	0	0000	UNKN	RESERVE SHUTDOWN
83	Reserve Shutdown	06/11/2013	01:57:00	06/11/2013	09:10:00	7.22	0	0000	UNKN	RESERVE SHUTDOWN
84	Reserve Shutdown	06/12/2013	23:38:00	06/13/2013	08:04:00	8.43	0	0000	UNKN	RESERVE SHUTDOWN
85	Reserve Shutdown	06/14/2013	23:02:00	06/15/2013	07:43:00	8.68	0	0000	UNKN	RESERVE SHUTDOWN
86	Reserve Shutdown	06/16/2013	00:15:00	06/16/2013	09:34:00	9.32	0	0000	UNKN	RESERVE SHUTDOWN
87	Reserve Shutdown	06/17/2013	00:45:00	06/17/2013	08:21:00	7.6	0	0000	UNKN	RESERVE SHUTDOWN
88	Reserve Shutdown	06/18/2013	01:22:00	06/18/2013	08:41:00	7.32	0	0000	UNKN	RESERVE SHUTDOWN
89	Reserve Shutdown	06/18/2013	22:40:00	06/19/2013	06:01:00	7.35	0	0000	UNKN	RESERVE SHUTDOWN
90	Reserve Shutdown	06/19/2013	23:55:00	06/20/2013	08:34:00	8.65	0	0000	UNKN	RESERVE SHUTDOWN
91	Reserve Shutdown	06/20/2013	22:27:00	06/21/2013	07:29:00	9.03	0	0000	UNKN	RESERVE SHUTDOWN
92	Reserve Shutdown	06/21/2013	21:53:00	06/22/2013	12:07:00	14.23	0	0000	UNKN	RESERVE SHUTDOWN
93	Reserve Shutdown	06/23/2013	16:50:00	06/24/2013	07:58:00	15.13	0	0000	UNKN	RESERVE SHUTDOWN
94	Reserve Shutdown	06/24/2013	22:13:00	06/25/2013	10:30:00	12.28	0	0000	UNKN	RESERVE SHUTDOWN
95	Reserve Shutdown	06/26/2013	00:25:00	06/26/2013	09:06:00	8.68	0	0000	UNKN	RESERVE SHUTDOWN
96	Reserve Shutdown	06/28/2013	23:54:00	06/30/2013	08:57:00	33.05	0	0000	UNKN	RESERVE SHUTDOWN
97	Reserve Shutdown	06/30/2013	21:46:00	06/30/2013	23:59:00	2.22	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(06/01/2013 - 06/30/2013)**

Unit: **BAYSIDE CT1C** MDC: **158** Run Date: **7/18/2013**

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
74	Reserve Shutdown	06/01/2013	00:41:00	06/01/2013	09:44:00	9.05	0	0000	UNKN	RESERVE SHUTDOWN
75	Reserve Shutdown	06/02/2013	23:28:00	06/03/2013	09:42:00	10.23	0	0000	UNKN	RESERVE SHUTDOWN
76	Reserve Shutdown	06/03/2013	22:54:00	06/04/2013	06:37:00	7.72	0	0000	UNKN	RESERVE SHUTDOWN
77	Reserve Shutdown	06/04/2013	23:15:00	06/05/2013	11:07:00	11.87	0	0000	UNKN	RESERVE SHUTDOWN
78	Reserve Shutdown	06/06/2013	01:11:00	06/06/2013	14:32:00	13.35	0	0000	UNKN	RESERVE SHUTDOWN
79	Full Forced Immed	06/06/2013	14:33:00	06/07/2013	10:02:00	19.48	0	5240	GAST	Failure of Turbine Compartment heat detectors.
80	Reserve Shutdown	06/07/2013	10:03:00	06/07/2013	10:25:00	0.37	0	0000	UNKN	RESERVE SHUTDOWN
81	Reserve Shutdown	06/07/2013	18:55:00	06/08/2013	09:38:00	14.72	0	0000	UNKN	RESERVE SHUTDOWN
82	Reserve Shutdown	06/08/2013	18:41:00	06/09/2013	09:10:00	14.48	0	0000	UNKN	RESERVE SHUTDOWN
83	Reserve Shutdown	06/10/2013	01:51:00	06/10/2013	09:25:00	7.57	0	0000	UNKN	RESERVE SHUTDOWN
84	Reserve Shutdown	06/13/2013	23:11:00	06/14/2013	06:17:00	7.1	0	0000	UNKN	RESERVE SHUTDOWN
85	Reserve Shutdown	06/19/2013	01:23:00	06/19/2013	10:46:00	9.38	0	0000	UNKN	RESERVE SHUTDOWN
86	Reserve Shutdown	06/21/2013	00:27:00	06/21/2013	09:49:00	9.37	0	0000	UNKN	RESERVE SHUTDOWN
87	Reserve Shutdown	06/21/2013	20:23:00	06/22/2013	08:03:00	11.67	0	0000	UNKN	RESERVE SHUTDOWN
88	Reserve Shutdown	06/22/2013	23:45:00	06/23/2013	09:13:00	9.47	0	0000	UNKN	RESERVE SHUTDOWN
89	Reserve Shutdown	06/23/2013	22:55:00	06/24/2013	09:39:00	10.73	0	0000	UNKN	RESERVE SHUTDOWN
90	Reserve Shutdown	06/24/2013	20:46:00	06/25/2013	08:04:00	11.3	0	0000	UNKN	RESERVE SHUTDOWN
91	Reserve Shutdown	06/25/2013	22:59:00	06/26/2013	06:33:00	7.57	0	0000	UNKN	RESERVE SHUTDOWN
92	Reserve Shutdown	06/26/2013	20:44:00	06/27/2013	10:56:00	14.2	0	0000	UNKN	RESERVE SHUTDOWN
93	Reserve Shutdown	06/27/2013	23:18:00	06/28/2013	09:55:00	10.62	0	0000	UNKN	RESERVE SHUTDOWN
94	Reserve Shutdown	06/28/2013	21:41:00	06/29/2013	09:21:00	11.67	0	0000	UNKN	RESERVE SHUTDOWN
95	Reserve Shutdown	06/29/2013	20:19:00	06/30/2013	23:59:00	27.67	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(06/01/2013 - 06/30/2013)**

Unit: **BAYSIDE ST2** MDC: **308** Run Date: **7/18/2013**

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
5	Full Forced Immed	06/25/2013	03:52:00	06/25/2013	05:42:00	1.83	0	5109	GAST	Took the S/T off due to loss of last CT (2D) that had tr

**Tampa Electric Company
Outage Listing
(06/01/2013 - 06/30/2013)**

Unit: **BAYSIDE CT2A** MDC: **158** Run Date: **7/18/2013**

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
89	Reserve Shutdown	06/01/2013	00:00:00	06/01/2013	08:42:00	8.7	0	0000	UNKN	RESERVE SHUTDOWN
90	Reserve Shutdown	06/01/2013	19:00:00	06/02/2013	09:58:00	14.97	0	0000	UNKN	RESERVE SHUTDOWN
91	Reserve Shutdown	06/07/2013	01:10:00	06/07/2013	09:20:00	8.17	0	0000	UNKN	RESERVE SHUTDOWN
92	Reserve Shutdown	06/10/2013	00:19:00	06/10/2013	08:29:00	8.17	0	0000	UNKN	RESERVE SHUTDOWN
93	Reserve Shutdown	06/11/2013	00:24:00	06/11/2013	09:45:00	9.35	0	0000	UNKN	RESERVE SHUTDOWN
94	Reserve Shutdown	06/11/2013	22:50:00	06/12/2013	07:45:00	8.92	0	0000	UNKN	RESERVE SHUTDOWN
95	Reserve Shutdown	06/15/2013	22:53:00	06/16/2013	08:23:00	9.5	0	0000	UNKN	RESERVE SHUTDOWN
96	Reserve Shutdown	06/20/2013	01:29:00	06/20/2013	09:31:00	8.03	0	0000	UNKN	RESERVE SHUTDOWN
97	Reserve Shutdown	06/20/2013	20:24:00	06/21/2013	05:23:00	8.98	0	0000	UNKN	RESERVE SHUTDOWN
98	Reserve Shutdown	06/22/2013	01:27:00	06/22/2013	10:53:00	9.43	0	0000	UNKN	RESERVE SHUTDOWN
99	Reserve Shutdown	06/23/2013	01:21:00	06/23/2013	10:43:00	9.37	0	0000	UNKN	RESERVE SHUTDOWN
100	Reserve Shutdown	06/23/2013	23:54:00	06/24/2013	10:55:00	11.02	0	0000	UNKN	RESERVE SHUTDOWN
101	Reserve Shutdown	06/25/2013	00:09:00	06/25/2013	08:55:00	8.77	0	0000	UNKN	RESERVE SHUTDOWN
102	Reserve Shutdown	06/25/2013	22:07:00	06/26/2013	10:12:00	12.08	0	0000	UNKN	RESERVE SHUTDOWN
103	Reserve Shutdown	06/26/2013	22:38:00	06/27/2013	11:20:00	12.7	0	0000	UNKN	RESERVE SHUTDOWN
104	Reserve Shutdown	06/28/2013	01:44:00	06/28/2013	10:29:00	8.75	0	0000	UNKN	RESERVE SHUTDOWN
105	Reserve Shutdown	06/29/2013	01:51:00	06/30/2013	08:31:00	30.67	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(06/01/2013 - 06/30/2013)**

Unit: **BAYSIDE CT2B** MDC: **158** Run Date: **7/18/2013**

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
51	Reserve Shutdown	06/01/2013	23:01:00	06/02/2013	12:07:00	13.1	0	0000	UNKN	RESERVE SHUTDOWN
52	Reserve Shutdown	06/02/2013	22:04:00	06/03/2013	06:03:00	7.98	0	0000	UNKN	RESERVE SHUTDOWN
53	Reserve Shutdown	06/03/2013	21:14:00	06/04/2013	05:05:00	7.85	0	0000	UNKN	RESERVE SHUTDOWN
54	Reserve Shutdown	06/05/2013	01:01:00	06/05/2013	09:32:00	8.52	0	0000	UNKN	RESERVE SHUTDOWN
55	Reserve Shutdown	06/05/2013	22:56:00	06/06/2013	06:43:00	7.78	0	0000	UNKN	RESERVE SHUTDOWN
56	Reserve Shutdown	06/06/2013	23:26:00	06/07/2013	08:05:00	8.65	0	0000	UNKN	RESERVE SHUTDOWN
57	Reserve Shutdown	06/08/2013	18:04:00	06/09/2013	08:16:00	14.2	0	0000	UNKN	RESERVE SHUTDOWN
58	Reserve Shutdown	06/09/2013	23:03:00	06/10/2013	06:11:00	7.13	0	0000	UNKN	RESERVE SHUTDOWN
59	Reserve Shutdown	06/15/2013	19:51:00	06/16/2013	10:26:00	14.58	0	0000	UNKN	RESERVE SHUTDOWN
60	Reserve Shutdown	06/19/2013	22:33:00	06/20/2013	06:53:00	8.33	0	0000	UNKN	RESERVE SHUTDOWN
61	Reserve Shutdown	06/21/2013	01:53:00	06/21/2013	10:43:00	8.83	0	0000	UNKN	RESERVE SHUTDOWN
62	Reserve Shutdown	06/21/2013	23:17:00	06/22/2013	09:36:00	10.32	0	0000	UNKN	RESERVE SHUTDOWN
63	Reserve Shutdown	06/22/2013	22:32:00	06/23/2013	08:32:00	10	0	0000	UNKN	RESERVE SHUTDOWN
64	Reserve Shutdown	06/23/2013	19:58:00	06/24/2013	09:39:00	13.68	0	0000	UNKN	RESERVE SHUTDOWN
65	Reserve Shutdown	06/24/2013	23:17:00	06/25/2013	11:14:00	11.95	0	0000	UNKN	RESERVE SHUTDOWN
66	Reserve Shutdown	06/26/2013	02:06:00	06/26/2013	10:59:00	8.88	0	0000	UNKN	RESERVE SHUTDOWN
67	Reserve Shutdown	06/27/2013	00:11:00	06/27/2013	11:55:00	11.73	0	0000	UNKN	RESERVE SHUTDOWN
68	Reserve Shutdown	06/27/2013	22:45:00	06/28/2013	09:16:00	10.52	0	0000	UNKN	RESERVE SHUTDOWN
69	Reserve Shutdown	06/28/2013	22:31:00	06/29/2013	10:04:00	11.55	0	0000	UNKN	RESERVE SHUTDOWN
70	Reserve Shutdown	06/30/2013	01:34:00	06/30/2013	23:59:00	22.42	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(06/01/2013 - 06/30/2013)**

Unit: **BAYSIDE CT2C** MDC: **158** Run Date: **7/18/2013**

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
7	Reserve Shutdown	06/25/2013	00:26:00	06/25/2013	11:43:00	11.28	0	0000	UNKN	RESERVE SHUTDOWN
8	Reserve Shutdown	06/25/2013	23:49:00	06/26/2013	08:24:00	8.58	0	0000	UNKN	RESERVE SHUTDOWN
9	Reserve Shutdown	06/30/2013	19:13:00	06/30/2013	23:59:00	4.77	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(06/01/2013 - 06/30/2013)**

Unit: BAYSIDE CT2D MDC: 158 Run Date: 7/18/2013

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
83	Reserve Shutdown	06/01/2013	02:04:00	06/01/2013	10:47:00	8.72	0	0000	UNKN	RESERVE SHUTDOWN
84	Reserve Shutdown	06/03/2013	00:54:00	06/03/2013	11:07:00	10.22	0	0000	UNKN	RESERVE SHUTDOWN
85	Reserve Shutdown	06/04/2013	00:04:00	06/04/2013	08:47:00	8.72	0	0000	UNKN	RESERVE SHUTDOWN
86	Reserve Shutdown	06/04/2013	21:47:00	06/05/2013	05:30:00	7.72	0	0000	UNKN	RESERVE SHUTDOWN
87	Reserve Shutdown	06/05/2013	21:49:00	06/06/2013	05:43:00	7.9	0	0000	UNKN	RESERVE SHUTDOWN
88	Reserve Shutdown	06/06/2013	22:11:00	06/07/2013	05:29:00	7.3	0	0000	UNKN	RESERVE SHUTDOWN
89	Reserve Shutdown	06/07/2013	23:00:00	06/08/2013	08:14:00	9.23	0	0000	UNKN	RESERVE SHUTDOWN
90	Reserve Shutdown	06/08/2013	22:34:00	06/09/2013	09:55:00	11.35	0	0000	UNKN	RESERVE SHUTDOWN
91	Reserve Shutdown	06/09/2013	21:56:00	06/10/2013	05:05:00	7.15	0	0000	UNKN	RESERVE SHUTDOWN
92	Reserve Shutdown	06/10/2013	23:10:00	06/11/2013	07:07:00	7.95	0	0000	UNKN	RESERVE SHUTDOWN
93	Reserve Shutdown	06/11/2013	23:38:00	06/12/2013	10:15:00	10.62	0	0000	UNKN	RESERVE SHUTDOWN
94	Reserve Shutdown	06/13/2013	01:00:00	06/13/2013	08:44:00	7.73	0	0000	UNKN	RESERVE SHUTDOWN
95	Reserve Shutdown	06/14/2013	00:29:00	06/14/2013	07:33:00	7.07	0	0000	UNKN	RESERVE SHUTDOWN
96	Reserve Shutdown	06/15/2013	00:16:00	06/15/2013	09:38:00	9.37	0	0000	UNKN	RESERVE SHUTDOWN
97	Reserve Shutdown	06/16/2013	23:02:00	06/17/2013	06:01:00	6.98	0	0000	UNKN	RESERVE SHUTDOWN
98	Reserve Shutdown	06/18/2013	01:59:00	06/18/2013	09:26:00	7.45	0	0000	UNKN	RESERVE SHUTDOWN
99	Reserve Shutdown	06/19/2013	01:53:00	06/19/2013	09:41:00	7.8	0	0000	UNKN	RESERVE SHUTDOWN
100	Reserve Shutdown	06/19/2013	23:04:00	06/20/2013	10:57:00	11.88	0	0000	UNKN	RESERVE SHUTDOWN
101	Reserve Shutdown	06/20/2013	23:15:00	06/21/2013	09:17:00	10.03	0	0000	UNKN	RESERVE SHUTDOWN
102	Reserve Shutdown	06/21/2013	19:05:00	06/22/2013	07:16:00	12.18	0	0000	UNKN	RESERVE SHUTDOWN
103	Reserve Shutdown	06/22/2013	18:53:00	06/23/2013	07:52:00	12.98	0	0000	UNKN	RESERVE SHUTDOWN
104	Reserve Shutdown	06/23/2013	18:33:00	06/24/2013	11:44:00	17.18	0	0000	UNKN	RESERVE SHUTDOWN
105	Full Forced Immed	06/24/2013	12:11:00	06/24/2013	13:23:00	1.2	0	5190	GAST	Failure of the HP Main Feedwater Valve.
106	Full Forced Immed	06/24/2013	13:24:00	06/24/2013	14:49:00	1.42	0	5016	GAST	Compressor bleed valve out of position.
107	Full Forced Immed	06/25/2013	03:50:00	06/25/2013	04:33:00	0.72	0	5109	GAST	Failure of exhaust tc's 12 and 13 tripped the unit and t
108	Reserve Shutdown	06/26/2013	21:51:00	06/27/2013	09:19:00	11.47	0	0000	UNKN	RESERVE SHUTDOWN
109	Reserve Shutdown	06/27/2013	19:28:00	06/28/2013	06:42:00	11.23	0	0000	UNKN	RESERVE SHUTDOWN
110	Reserve Shutdown	06/28/2013	20:14:00	06/29/2013	07:33:00	11.32	0	0000	UNKN	RESERVE SHUTDOWN
111	Reserve Shutdown	06/29/2013	19:36:00	06/30/2013	09:46:00	14.17	0	0000	UNKN	RESERVE SHUTDOWN
112	Reserve Shutdown	06/30/2013	22:54:00	06/30/2013	23:59:00	1.08	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	LOTO	Lock Out Tag Out
BFP	Boiler Feed Pump	LOX	Low Oxygen
BFPT	Boiler Feed Pump Turbine	LP	Low Pressure
COS	Carbonyl Sulfide	LVDT	Linear Variable Differential Transducer
CRH	Cold Reheat	MAC	Main Air Compressor
CSC	Convective Syngas Coolers	MkVIe	Mark 5e GE Logic Controller
CT	Combustion Turbine	MOC	Motor Operated Control
DCS	Digital Control System	MOV	Motor Operated Valve
EH	Electro Hydraulic	PLC	Programmable Logic Controller
FAT	Final Absorber Tower	Pp	Pump
FD	Forced Draft	RATA	Relative Accuracy Test Audit
Fdwtr	Feed water	RSV	Reheat Stop Valve
FGD	Flue Gas Desulfurization	RTD	Resistance Temperature Device
GEHO	Manufacturer of Slurry Pump	SAP	Sulfuric Acid Plant
GTG	Gas Turbine Generator	ST	Steam Turbine
HP	High Pressure	STARSS	Strategic Anti-Rotating Stall Schedule
HRSR	Heat Recovery Steam Generator	T/R	Transformer Rectifier
HX	Heat Exchanger	TC	Thermocouple
IAS	Instrument Air Supply	WWTL	Water wall tube leak
ID	Induced Draft	ZBL	Zero Ball Loss condenser cleaning system