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August 25, 2014

**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. 140001-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 July 2014.

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 has been furnished by electronic mail on this 25<sup>th</sup> day of August 2014, to the following:

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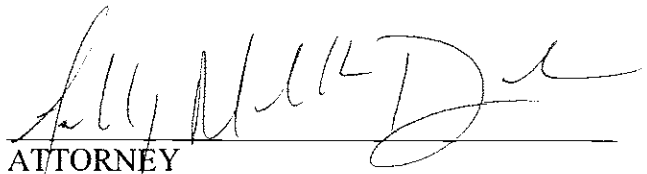
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ATTORNEY

ORIGINAL SHEET NO. 8.401.14A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2014 - DECEMBER 2014

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
	JAN 14	FEB 14	MAR 14	APR 14	MAY 14	JUN 14	JUL 14	AUG 14	SEP 14	OCT 14	NOV 14	DEC 14	2014
1. EAF (%)	82.1	46.8	80.9	91.1	78.2	94.6	84.5						80.1
2. PH	744	672	743	720	744	720	744						5087
3. SH	652.7	338.9	688.6	720.0	615.4	720.0	692.3						4427.9
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
5. UH	91.3	333.1	54.4	0.0	128.6	0.0	51.7						659.1
6. POH	0.0	333.1	7.3	0.0	0.0	0.0	0.0						340.3
7. FOH	22.5	0.0	0.0	0.0	128.6	0.0	51.7						202.8
8. MOH	68.7	0.0	47.2	0.0	0.0	0.0	0.0						115.9
9. PFOH	392.9	298.9	588.1	689.7	371.8	622.9	672.6						3637.0
10. LR PF (MW)	37.9	29.9	58.8	30.1	33.1	21.1	33.7						35.0
11. PMOH	12.1	4.6	0.4	22.5	5.5	14.3	15.3						74.6
12. LR PM (MW)	128.0	136.4	0.0	171.3	117.2	123.4	116.4						136.8
13. NSC (MW)	395	395	395	385	385	385	385						389
14. OPR BTU(GBTU)	2255.6645	1225.8633	2417.4443	2600.5193	2275.5831	2626.9530	2449.1095						15851.1370
15. NET GEN (MWH)	215512	118258	228305	241047	215829	251586	228371						1498908
16. ANOHR (BTU/KWH)	10467	10366	10589	10788	10543	10442	10724						10575
17. NOF (%)	83.6	88.3	83.9	87.0	91.1	90.8	85.7						87.1
18. NPC (MW)	395	395	395	385	385	385	385						389
19. ANOHR EQUATION	ANOHR = NOF(-4.808)+ 10,953												

ORIGINAL SHEET NO. 8.401.14A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2014 - DECEMBER 2014

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 14	FEB 14	MAR 14	APR 14	MAY 14	JUN 14	JUL 14	AUG 14	SEP 14	OCT 14	NOV 14	DEC 14	2014
1. EAF (%)	98.5	46.6	33.2	98.5	96.5	69.1	89.0						76.3
2. PH	744	672	743	720	744	720	744						5087
3. SH	744.0	317.0	258.9	715.3	740.3	540.4	667.5						3983.4
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
5. UH	0.0	355.0	484.1	4.7	3.8	179.6	76.5						1103.6
6. POH	0.0	355.0	260.0	0.0	0.0	0.0	0.0						615.0
7. FOH	0.0	0.0	224.1	4.7	3.8	179.6	76.5						488.6
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
9. PFOH	129.8	5.6	198.3	49.6	226.6	430.1	38.4						1078.4
10. LR PF (MW)	24.9	61.6	24.9	6.8	29.5	35.7	11.4						29.1
11. PMOH	10.3	9.4	0.0	16.2	14.8	11.3	11.5						73.5
12. LR PM (MW)	115.8	136.1	0.0	122.8	124.5	110.5	145.0						125.5
13. NSC (MW)	395	395	395	385	385	385	385						388
14. OPR BTU(GBTU)	2820.4253	1104.3075	1001.4076	2718.0113	2719.2957	1872.3905	2482.3259						14718.1639
15. NET GEN (MWH)	277430	113981	89768	265772	264251	180418	241129						1432749
16. ANOHR (BTU/KWH)	10166	9689	11156	10227	10291	10378	10295						10273
17. NOF (%)	94.4	91.0	87.8	96.5	92.7	86.7	93.8						92.6
18. NPC (MW)	395	395	395	385	385	385	385						389
19. ANOHR EQUATION	ANOHR = NOF(-13.110) + 11,491												

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ORIGINAL SHEET NO. 8.401.14A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2014 - DECEMBER 2014

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 14	FEB 14	MAR 14	APR 14	MAY 14	JUN 14	JUL 14	AUG 14	SEP 14	OCT 14	NOV 14	DEC 14	2014
1. EAF (%)	98.2	98.4	30.1	32.5	98.1	99.9	90.4						78.0
2. PH	744	672	743	720	744	720	744						5087
3. SH	732.0	665.0	241.4	234.6	734.8	720.0	697.4						4025.2
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
5. UH	12.0	7.0	501.6	485.4	9.2	0.0	46.6						1061.8
6. POH	0.0	0.0	276.7	0.0	0.0	0.0	0.0						276.7
7. FOH	12.0	0.0	225.0	485.4	9.2	0.0	46.6						778.1
8. MOH	0.0	7.0	0.0	0.0	0.0	0.0	0.0						7.0
9. PFOH	3.7	0.0	141.8	5.5	51.1	15.2	607.6						824.8
10. LR PF (MW)	34.8	0.0	45.9	13.2	19.0	17.4	13.9						19.9
11. PMOH	4.4	15.4	0.0	2.3	8.9	3.0	14.7						48.9
12. LR PM (MW)	77.1	85.2	0.0	107.6	96.3	0.0	83.0						81.6
13. NSC (MW)	365	365	365	365	365	365	395						370
14. OPR BTU(GBTU)	2861.5196	2604.0601	856.9592	888.4224	2852.3266	2802.2195	2662.0745						15527.5820
15. NET GEN (MWH)	274889	246362	81387	85654	277407	272116	256359						1494174
16. ANOHR BTU/KWH	10410	10570	10529	10372	10282	10298	10384						10392
17. NOF (%)	102.9	101.5	92.4	100.0	103.4	103.5	93.1						100.3
18. NPC (MW)	365	365	365	365	365	365	395						369
19. ANOHR EQUATION	ANOHR = NOF(-25.960) + 12,827												

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ORIGINAL SHEET NO. 8.401.14A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2014 - DECEMBER 2014

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 14	FEB 14	MAR 14	APR 14	MAY 14	JUN 14	JUL 14	AUG 14	SEP 14	OCT 14	NOV 14	DEC 14	2014
1. EAF (%)	68.6	94.5	60.9	0.0	0.0	73.9	89.1						54.9
2. PH	744	672	743	720	744	720	744						5087
3. SH	516.1	670.2	503.3	0.0	0.0	568.8	671.8						2930.3
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
5. UH	227.9	1.8	239.7	720.0	744.0	151.2	72.2						2156.7
6. POH	0.0	0.0	239.7	720.0	744.0	109.5	0.0						1813.2
7. FOH	42.9	1.8	0.0	0.0	0.0	41.6	0.0						86.3
8. MOH	185.0	0.0	0.0	0.0	0.0	0.0	72.2						257.2
9. PFOH	21.1	591.6	502.9	0.0	0.0	176.8	30.4						1322.7
10. LR PF (MW)	65.5	25.0	42.0	0.0	0.0	73.0	56.3						39.2
11. PMOH	3.5	2.5	0.5	0.0	0.0	16.8	31.8						55.1
12. LR PM (MW)	254.8	0.0	0.0	0.0	0.0	115.3	65.0						88.9
13. NSC (MW)	417	417	417	407	407	407	407						413
14. OPR BTU(GBTU)	2106.3330	2634.4112	1882.1710	0.0000	77.1587	2123.4272	2743.4017						11566.9029
15. NET GEN (MWH)	197571	254435	183838	0	-6	213862	271121						1120821
16. ANOHR BTU/KWH	10661	10354	10238	0	0	9929	10119						10320
17. NOF (%)	91.8	91.0	87.6	0.0	0.0	92.4	99.2						92.7
18. NPC (MW)	417	417	417	407	407	407	407						411
19. ANOHR EQUATION	ANOHR = NOF(-17.797) + 11,953												

ORIGINAL SHEET NO. 8.401.14A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2014 - DECEMBER 2014

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 14	FEB 14	MAR 14	APR 14	MAY 14	JUN 14	JUL 14	AUG 14	SEP 14	OCT 14	NOV 14	DEC 14	2014
1. EAF (%)	99.1	99.3	49.6	100.0	99.0	99.4	100.0						92.2
2. PH	744	672	743	720	744	720	744						5087
3. SH	740.0	667.1	352.2	720.0	736.2	715.8	744.0						4675.4
4. RSH	0.0	0.0	29.2	0.0	0.0	0.0	0.0						29.2
5. UH	4.0	4.9	361.6	0.0	7.8	4.2	0.0						382.5
6. POH	0.0	0.0	344.5	0.0	0.0	0.0	0.0						344.5
7. FOH	4.0	4.9	17.2	0.0	7.8	1.2	0.0						35.0
8. MOH	0.0	0.0	0.0	0.0	0.0	3.0	0.0						3.0
9. PFOH	7.9	0.0	34.4	0.0	0.0	0.0	0.0						42.3
10. LR PF (MW)	75.0	0.0	80.0	0.0	0.0	0.0	0.0						79.1
11. PMOH	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
13. NSC (MW)	220	220	220	220	220	220	220						220
14. OPR BTU(GBTU)	1589.9121	1522.7277	627.7619	1510.4292	1643.2294	1518.9277	1576.9109						9989.8991
15. NET GEN (MWH)	154691	142759	59400	157209	158225	151578	160260						984122
16. ANOHR BTU/KWH	10278	10666	10568	9608	10385	10021	9840						10151
17. NOF (%)	95.0	97.3	76.7	99.2	97.7	96.3	97.9						95.7
18. NPC (MW)	220	220	220	220	220	220	220						220
19. ANOHR EQUATION	ANOHR = NOF(-132.175) + 23,262												

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ORIGINAL SHEET NO. 8.401.14A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2014 - DECEMBER 2014

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 14	FEB 14	MAR 14	APR 14	MAY 14	JUN 14	JUL 14	AUG 14	SEP 14	OCT 14	NOV 14	DEC 14	2014
1. EAF (%)	73.7	53.9	75.4	87.2	88.6	89.5	89.8						79.8
2. PH	744	672	743	720	744	720	744						5087
3. SH	90.4	194.6	610.8	640.8	660.2	699.6	735.5						3631.9
4. RSH	558.5	294.9	0.0	0.0	0.0	0.0	0.0						853.4
5. UH	95.1	182.6	132.2	79.2	83.8	20.4	8.5						601.8
6. POH	0.0	70.8	0.0	0.0	0.0	0.0	0.0						70.8
7. FOH	95.1	106.6	132.2	66.7	66.8	4.8	8.5						480.7
8. MOH	0.0	5.2	0.0	12.6	17.0	15.6	0.0						50.3
9. PFOH	0.0	42.9	7.7	0.0	3.4	3.6	131.3						188.8
10. LR PF (MW)	0.0	8.2	264.0	0.0	233.7	233.7	233.7						183.7
11. PMOH	302.0	380.5	144.5	38.4	0.0	161.2	70.3						1097.0
12. LR PM (MW)	264.0	264.0	264.0	233.7	0.0	233.7	233.7						256.5
13. NSC (MW)	792	792	792	701	701	701	701						723
14. OPR BTU(GBTU)	242.3390	552.4400	2149.2780	1794.0850	2131.6210	2101.2350	2242.4050						11213.4030
15. NET GEN (MWH)	31884	74675	293887	246251	289344	282175	298460						1516676
16. ANOHR (BTU/KWH)	7601	7398	7313	7286	7367	7447	7513						7393
17. NOF (%)	44.5	48.5	60.7	54.8	62.5	57.5	57.9						57.7
18. NPC (MW)	792	792	792	701	701	701	701						740
19. ANOHR EQUATION	ANOHR = NOF(-8.710) + 7,809												

ORIGINAL SHEET NO. 8.401.14A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2014 - DECEMBER 2014

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 14	FEB 14	MAR 14	APR 14	MAY 14	JUN 14	JUL 14	AUG 14	SEP 14	OCT 14	NOV 14	DEC 14	2014
1. EAF (%)	99.2	92.5	60.9	99.4	94.0	98.2	99.4						91.7
2. PH	744	672	743	720	744	720	744						5087
3. SH	744.0	672.0	535.7	720.0	727.2	720.0	744.0						4862.8
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						0.0
5. UH	0.0	0.0	207.3	0.0	16.8	0.0	0.0						224.2
6. POH	0.0	0.0	205.6	0.0	0.0	0.0	0.0						205.6
7. FOH	0.0	0.0	1.8	0.0	0.0	0.0	0.0						1.8
8. MOH	0.0	0.0	0.0	0.0	16.8	0.0	0.0						16.8
9. PFOH	1.0	138.4	13.1	0.0	0.4	6.6	2.2						161.7
10. LR PF (MW)	261.8	261.8	261.8	0.0	309.7	3.0	232.3						251.0
11. PMOH	21.7	64.5	319.6	17.8	109.3	52.6	15.2						600.7
12. LR PM (MW)	261.8	261.8	261.8	232.3	232.3	232.3	232.3						252.2
13. NSC (MW)	1047	1047	1047	929	929	929	929						976
14. OPR BTU(GBTU)	2806.9200	2488.3670	2168.5640	3030.8590	3092.5940	3043.3510	2946.2830						19576.9380
15. NET GEN (MWH)	376838	330441	289469	408669	420696	410602	391061						2627776
16. ANOHR (BTU/KWH)	7449	7530	7492	7416	7351	7412	7534						7450
17. NOF (%)	48.4	47.0	51.6	61.1	62.3	61.4	56.6						55.3
18. NPC (MW)	1047	1047	1047	929	929	929	929						980
19. ANOHR EQUATION	ANOHR = NOF(-6.365) + 7,763												

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**Tampa Electric Company**  
**Outage Listing**  
(07/01/2014 - 07/31/2014)

**Unit: BIG BEND 1      MDC: 410      Run Date: 8/8/2014**

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
328	Partial Forced Immed	06/29/2014	22:44:00	07/01/2014	17:15:00	17.25	375	8551	POLL	Precipitator TR sets failed/ out of service
329	Partial Forced Immed	07/01/2014	17:15:00	07/02/2014	00:02:00	6.78	385	8551	POLL	Precipitator TR sets failed/ out of service
330	Noncurtailing	07/02/2014	00:02:00	07/02/2014	02:00:00	1.97	310	8550	POLL	Precipitator power off rapping
331	Partial Forced Immed	07/02/2014	02:00:00	07/03/2014	01:38:00	23.63	385	8551	POLL	Precipitator TR sets failed/ out of service
332	Partial Maintenance	07/03/2014	01:38:00	07/03/2014	02:04:00	0.43	210	4268	TURB	Turbine valve testing
333	Partial Forced Immed	07/03/2014	02:04:00	07/03/2014	06:00:00	3.93	385	8551	POLL	Precipitator TR sets failed/ out of service
334	Partial Forced Immed	07/03/2014	06:00:00	07/03/2014	18:45:00	12.75	375	8551	POLL	Precipitator TR sets failed/ out of service
335	Partial Forced Immed	07/03/2014	18:45:00	07/03/2014	19:51:00	1.1	350	9660	RS&E	High discharge canal temperature
336	Partial Forced Immed	07/03/2014	19:51:00	07/03/2014	20:50:00	0.98	345	8551	POLL	Precipitator TR sets failed/ out of service
337	Partial Forced Immed	07/03/2014	20:50:00	07/04/2014	09:00:00	12.17	375	8551	POLL	Precipitator TR sets failed/ out of service
338	Partial Forced Immed	07/04/2014	09:00:00	07/04/2014	09:16:00	0.27	390	8551	POLL	Precipitator TR sets failed/ out of service
339	Partial Forced Immed	07/04/2014	09:16:00	07/05/2014	16:15:00	30.98	385	8551	POLL	Precipitator TR sets failed/ out of service
340	Partial Forced Immed	07/05/2014	16:15:00	07/06/2014	00:55:00	8.67	380	8551	POLL	Precipitator TR sets failed/ out of service
341	Partial Forced Immed	07/06/2014	00:55:00	07/06/2014	10:17:00	9.37	385	8551	POLL	Precipitator TR sets failed/ out of service
342	Partial Forced Immed	07/06/2014	10:17:00	07/06/2014	11:00:00	0.72	380	8551	POLL	Precipitator TR sets failed/ out of service
343	Partial Forced Immed	07/06/2014	11:00:00	07/06/2014	12:30:00	1.5	385	8551	POLL	Precipitator TR sets failed/ out of service
344	Partial Forced Immed	07/06/2014	12:30:00	07/06/2014	12:43:00	0.22	380	8551	POLL	Precipitator TR sets failed/ out of service
345	Partial Forced Immed	07/06/2014	12:43:00	07/06/2014	13:33:00	0.83	370	8551	POLL	Precipitator TR sets failed/ out of service
346	Partial Forced Immed	07/06/2014	13:33:00	07/06/2014	16:50:00	3.28	380	8551	POLL	Precipitator TR sets failed/ out of service
347	Partial Forced Immed	07/06/2014	16:50:00	07/07/2014	09:10:00	16.33	390	8551	POLL	Precipitator TR sets failed/ out of service
348	Partial Forced Immed	07/07/2014	09:10:00	07/07/2014	09:20:00	0.17	385	8551	POLL	Precipitator TR sets failed/ out of service
349	Partial Forced Immed	07/07/2014	09:20:00	07/07/2014	17:35:00	8.25	380	8551	POLL	Precipitator TR sets failed/ out of service
350	Partial Forced Immed	07/07/2014	17:35:00	07/08/2014	04:40:00	11.08	385	8551	POLL	Precipitator TR sets failed/ out of service
351	Partial Forced Immed	07/08/2014	04:40:00	07/08/2014	07:05:00	2.42	390	8551	POLL	Precipitator TR sets failed/ out of service
352	Partial Forced Immed	07/08/2014	07:05:00	07/08/2014	08:05:00	1	375	8551	POLL	Precipitator TR sets failed/ out of service
353	Partial Forced Immed	07/08/2014	08:05:00	07/08/2014	09:05:00	1	380	8551	POLL	Precipitator TR sets failed/ out of service
354	Partial Forced Immed	07/08/2014	09:05:00	07/08/2014	13:10:00	4.08	385	8551	POLL	Precipitator TR sets failed/ out of service
355	Partial Forced Immed	07/08/2014	13:10:00	07/09/2014	23:05:00	33.92	390	8551	POLL	Precipitator TR sets failed/ out of service
356	Partial Forced Immed	07/09/2014	23:05:00	07/10/2014	00:01:00	0.93	380	8551	POLL	Precipitator TR sets failed/ out of service
357	Partial Forced Immed	07/10/2014	00:01:00	07/10/2014	12:55:00	12.9	390	8551	POLL	Precipitator TR sets failed/ out of service
358	Partial Forced Immed	07/10/2014	12:55:00	07/10/2014	13:10:00	0.25	385	8551	POLL	Precipitator TR sets failed/ out of service

**Tampa Electric Company**  
**Outage Listing**  
(07/01/2014 - 07/31/2014)

**Unit: BIG BEND 1      MDC: 410      Run Date: 8/8/2014**

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
359	Partial Forced Immed	07/10/2014	13:10:00	07/12/2014	01:25:00	36.25	380	8551	POLL	Precipitator TR sets failed/ out of service
360	Noncurtailing	07/12/2014	01:25:00	07/12/2014	03:50:00	2.42	308	0340	BLR	Mill peaking
361	Partial Forced Immed	07/12/2014	03:50:00	07/13/2014	11:10:00	31.33	380	8551	POLL	Precipitator TR sets failed/ out of service
362	Partial Forced Immed	07/13/2014	11:10:00	07/16/2014	00:57:00	61.78	375	8551	POLL	Precipitator TR sets failed/ out of service
363	Partial Maintenance	07/16/2014	00:57:00	07/16/2014	01:30:00	0.55	240	4268	TURB	Turbine valve testing
364	Partial Forced Immed	07/16/2014	01:30:00	07/16/2014	17:00:00	15.5	375	8551	POLL	Precipitator TR sets failed/ out of service
365	Partial Forced Immed	07/16/2014	17:00:00	07/16/2014	18:40:00	1.67	340	8551	POLL	Precipitator TR sets failed/ out of service
366	Partial Forced Immed	07/16/2014	18:40:00	07/16/2014	19:15:00	0.58	350	8551	POLL	Precipitator TR sets failed/ out of service
367	Partial Forced Immed	07/16/2014	19:15:00	07/16/2014	23:15:00	4	370	8551	POLL	Precipitator TR sets failed/ out of service
368	Planned Derating	07/16/2014	23:15:00	07/17/2014	04:55:00	5.67	240	0312	BLR	A Mill reject chute repair
369	Partial Forced Immed	07/17/2014	04:55:00	07/17/2014	17:50:00	12.92	375	8551	POLL	Precipitator TR sets failed/ out of service
370	Partial Forced Immed	07/17/2014	17:50:00	07/17/2014	19:50:00	2	380	8551	POLL	Precipitator TR sets failed/ out of service
371	Partial Forced Immed	07/17/2014	19:50:00	07/17/2014	20:45:00	0.92	370	8551	POLL	Precipitator TR sets failed/ out of service
372	Partial Forced Immed	07/17/2014	20:45:00	07/17/2014	22:40:00	1.92	355	8551	POLL	Precipitator TR sets failed/ out of service
373	Partial Forced Immed	07/17/2014	22:40:00	07/17/2014	23:20:00	0.67	340	8551	POLL	Precipitator TR sets failed/ out of service
374	Partial Forced Immed	07/17/2014	23:20:00	07/18/2014	06:00:00	6.67	300	8551	POLL	Precipitator TR sets failed/ out of service
375	Partial Forced Immed	07/18/2014	06:00:00	07/18/2014	07:40:00	1.67	380	8551	POLL	Precipitator TR sets failed/ out of service
376	Partial Forced Immed	07/18/2014	07:40:00	07/18/2014	11:20:00	3.67	370	8551	POLL	Precipitator TR sets failed/ out of service
377	Partial Forced Immed	07/18/2014	11:20:00	07/18/2014	11:30:00	0.17	360	8551	POLL	Precipitator TR sets failed/ out of service
378	Partial Forced Immed	07/18/2014	11:30:00	07/18/2014	18:00:00	6.5	350	8551	POLL	Precipitator TR sets failed/ out of service
379	Partial Forced Immed	07/18/2014	18:00:00	07/18/2014	18:40:00	0.67	360	8551	POLL	Precipitator TR sets failed/ out of service
380	Partial Forced Immed	07/18/2014	18:40:00	07/18/2014	20:30:00	1.83	350	8551	POLL	Precipitator TR sets failed/ out of service
381	Partial Forced Immed	07/18/2014	20:30:00	07/19/2014	04:04:00	7.57	345	8551	POLL	Precipitator TR sets failed/ out of service
382	Partial Forced Immed	07/19/2014	04:04:00	07/19/2014	06:00:00	1.93	335	8551	POLL	Precipitator TR sets failed/ out of service
383	Partial Forced Immed	07/19/2014	06:00:00	07/19/2014	19:00:00	13	330	8551	POLL	Precipitator TR sets failed/ out of service
384	Partial Forced Immed	07/19/2014	19:00:00	07/19/2014	23:45:00	4.75	345	8551	POLL	Precipitator TR sets failed/ out of service
385	Partial Forced Immed	07/19/2014	23:45:00	07/21/2014	14:18:00	38.55	355	8551	POLL	Precipitator TR sets failed/ out of service
386	Partial Forced Immed	07/21/2014	14:18:00	07/21/2014	18:00:00	3.7	345	8551	POLL	Precipitator TR sets failed/ out of service
387	Partial Forced Immed	07/21/2014	18:00:00	07/21/2014	19:10:00	1.17	355	8551	POLL	Precipitator TR sets failed/ out of service

**Tampa Electric Company**  
**Outage Listing**  
(07/01/2014 - 07/31/2014)

**Unit: BIG BEND 1      MDC: 410      Run Date: 8/8/2014**

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
388	Partial Forced Immed	07/21/2014	19:10:00	07/21/2014	23:58:00	4.8	345	8551	POLL	Precipitator TR sets failed/ out of service
389	Planned Derating	07/21/2014	23:58:00	07/22/2014	05:30:00	5.53	245	0300	BLR	A Mill pinion bearing oil leak
390	Partial Forced Immed	07/22/2014	05:30:00	07/22/2014	06:40:00	1.17	350	8551	POLL	Precipitator TR sets failed/ out of service
391	Partial Forced Immed	07/22/2014	06:40:00	07/22/2014	10:00:00	3.33	330	8551	POLL	Precipitator TR sets failed/ out of service
392	Partial Forced Immed	07/22/2014	10:00:00	07/22/2014	11:30:00	1.5	340	8551	POLL	Precipitator TR sets failed/ out of service
393	Partial Forced Immed	07/22/2014	11:30:00	07/22/2014	15:50:00	4.33	360	8551	POLL	Precipitator TR sets failed/ out of service
394	Partial Forced Immed	07/22/2014	15:50:00	07/22/2014	18:00:00	2.17	355	8551	POLL	Precipitator TR sets failed/ out of service
395	Partial Forced Immed	07/22/2014	18:00:00	07/23/2014	01:00:00	7	350	8551	POLL	Precipitator TR sets failed/ out of service
396	Partial Maintenance	07/23/2014	01:00:00	07/23/2014	01:30:00	0.5	220	4268	TURB	Turbine valve testing
397	Partial Forced Immed	07/23/2014	01:30:00	07/23/2014	20:50:00	19.33	350	8551	POLL	Precipitator TR sets failed/ out of service
398	Partial Forced Immed	07/23/2014	20:50:00	07/24/2014	04:00:00	7.17	345	8551	POLL	Precipitator TR sets failed/ out of service
399	Partial Forced Immed	07/24/2014	04:00:00	07/24/2014	10:30:00	6.5	350	8551	POLL	Precipitator TR sets failed/ out of service
400	Partial Forced Immed	07/24/2014	10:30:00	07/24/2014	14:10:00	3.67	400	4609	GEN	Generator exciter high temperature limit
401	Partial Forced Immed	07/24/2014	14:10:00	07/24/2014	18:05:00	3.92	395	8551	POLL	Precipitator TR sets failed/ out of service
402	Partial Forced Immed	07/24/2014	18:05:00	07/25/2014	00:01:00	5.93	390	8551	POLL	Precipitator TR sets failed/ out of service
403	Partial Forced Immed	07/25/2014	00:01:00	07/25/2014	16:30:00	16.48	395	8551	POLL	Precipitator TR sets failed/ out of service
404	Full Forced Immed	07/25/2014	16:30:00	07/27/2014	20:10:00	51.67	0	3360	BLPT	Demineralized water tank contamination
405	Partial Forced Immed	07/27/2014	20:10:00	07/28/2014	04:30:00	8.33	240	1850	BLR	Reduced steam header (1500#) due to boiler water co
406	Partial Forced Immed	07/28/2014	04:30:00	07/28/2014	07:30:00	3	390	8551	POLL	Precipitator TR sets failed/ out of service
407	Partial Forced Immed	07/28/2014	07:30:00	07/28/2014	07:40:00	0.17	365	8551	POLL	Precipitator TR sets failed/ out of service
408	Partial Forced Immed	07/28/2014	07:40:00	07/28/2014	07:50:00	0.17	370	8551	POLL	Precipitator TR sets failed/ out of service
409	Partial Forced Immed	07/28/2014	07:50:00	07/28/2014	08:20:00	0.5	375	8551	POLL	Precipitator TR sets failed/ out of service
410	Partial Forced Immed	07/28/2014	08:20:00	07/28/2014	08:40:00	0.33	390	8551	POLL	Precipitator TR sets failed/ out of service
411	Planned Derating	07/28/2014	08:40:00	07/28/2014	11:20:00	2.67	400	9656	RS&E	Stack emissions testing
412	Partial Forced Immed	07/28/2014	11:20:00	07/29/2014	13:00:00	25.67	405	8551	POLL	Precipitator TR sets failed/ out of service
413	Partial Forced Immed	07/29/2014	13:00:00	07/29/2014	13:42:00	0.7	395	8551	POLL	Precipitator TR sets failed/ out of service
414	Partial Forced Immed	07/29/2014	13:42:00	07/29/2014	14:48:00	1.1	385	8551	POLL	Precipitator TR sets failed/ out of service
415	Partial Forced Immed	07/29/2014	14:48:00	07/29/2014	16:38:00	1.83	380	8551	POLL	Precipitator TR sets failed/ out of service
416	Partial Forced Immed	07/29/2014	16:38:00	07/29/2014	23:45:00	7.12	355	9660	RS&E	High discharge canal temperature

**Tampa Electric Company**  
**Outage Listing**  
(07/01/2014 - 07/31/2014)

**Unit:** BIG BEND 1      **MDC:** 410      **Run Date:** 8/8/2014

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
417	Partial Forced Immed	07/29/2014	23:45:00	07/30/2014	06:00:00	6.25	405	8551	POLL Precipitator TR sets failed/ out of service	
418	Partial Forced Immed	07/30/2014	06:00:00	07/30/2014	18:12:00	12.2	400	8551	POLL Precipitator TR sets failed/ out of service	
419	Partial Forced Immed	07/30/2014	18:12:00	07/31/2014	06:00:00	11.8	395	8551	POLL Precipitator TR sets failed/ out of service	
420	Partial Forced Immed	07/31/2014	06:00:00	08/01/2014	19:10:00	18	405	8551	POLL Precipitator TR sets failed/ out of service	

**Tampa Electric Company**  
**Outage Listing**  
(07/01/2014 - 07/31/2014)

**Unit: BIG BEND 2      MDC: 410      Run Date: 8/8/2014**

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
159	Partial Forced Immed	07/08/2014	08:30:00	07/08/2014	09:15:00	0.75	405	8551	POLL	Precipitator TR sets failed/ out of service
160	Partial Forced Immed	07/08/2014	09:15:00	07/08/2014	12:55:00	3.67	400	8551	POLL	Precipitator TR sets failed/ out of service
161	Partial Forced Immed	07/08/2014	12:55:00	07/09/2014	00:01:00	11.1	405	8551	POLL	Precipitator TR sets failed/ out of service
162	Partial Forced Immed	07/09/2014	09:12:00	07/09/2014	11:05:00	1.88	405	8551	POLL	Precipitator TR sets failed/ out of service
163	Planned Derating	07/09/2014	23:50:00	07/10/2014	05:40:00	5.83	280	0300	BLR	B Pulverizer pinion inspection
164	Planned Derating	07/11/2014	00:45:00	07/11/2014	05:37:00	4.87	200	1420	BLR	B FD Fan inlet vane linkage repairs
165	Noncurtailing	07/12/2014	22:30:00	07/13/2014	01:10:00	2.67	350	0340	BLR	Mill peaking
166	Partial Maintenance	07/17/2014	01:50:00	07/17/2014	02:20:00	0.5	220	4268	TURB	Turbine valve testing
167	Partial Forced Immed	07/23/2014	20:50:00	07/24/2014	03:30:00	6.67	400	8551	POLL	Precipitator TR sets failed/ out of service
168	Partial Maintenance	07/24/2014	03:30:00	07/24/2014	03:50:00	0.33	220	4268	TURB	Turbine valve testing
169	Partial Forced Immed	07/24/2014	03:50:00	07/24/2014	05:37:00	1.78	400	8551	POLL	Precipitator TR sets failed/ out of service
170	Full Forced Immed	07/25/2014	16:54:00	07/28/2014	21:26:00	76.53	0	3360	BLPT	Demineralized water tank contamination
171	Partial Forced Immed	07/29/2014	07:16:00	07/29/2014	09:50:00	2.57	400	8551	POLL	Precipitator TR sets failed/ out of service
172	Partial Forced Immed	07/29/2014	14:21:00	07/30/2014	00:20:00	9.98	385	9660	RS&E	High discharge canal temperature

**Tampa Electric Company**  
**Outage Listing**  
(07/01/2014 - 07/31/2014)

**Unit:** BIG BEND 3      **MDC:** 420      **Run Date:** 8/8/2014

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
50	Partial Forced Immed	07/02/2014	02:30:00	07/02/2014	11:10:00	8.67	400	8760	CEM	Opacity monitor malfunction
51	Partial Forced Immed	07/02/2014	19:25:00	07/03/2014	01:00:00	5.58	380	9660	RS&E	High discharge canal temperature
52	Partial Forced Immed	07/03/2014	07:45:00	07/03/2014	14:34:00	6.82	405	9660	RS&E	High discharge canal temperature
53	Partial Forced Immed	07/03/2014	14:34:00	07/03/2014	20:50:00	6.27	370	9660	RS&E	High discharge canal temperature
54	Partial Forced Immed	07/04/2014	13:30:00	07/04/2014	19:50:00	6.33	390	9660	RS&E	High discharge canal temperature
55	Partial Forced Immed	07/04/2014	19:50:00	07/05/2014	01:45:00	5.92	360	9660	RS&E	High discharge canal temperature
56	Partial Maintenance	07/05/2014	01:45:00	07/05/2014	02:15:00	0.5	300	4268	TURB	Turbine valve testing
57	Partial Forced Immed	07/05/2014	02:15:00	07/05/2014	06:00:00	3.75	360	9660	RS&E	High discharge canal temperature
58	Partial Forced Immed	07/05/2014	12:40:00	07/07/2014	14:32:00	49.87	410	4099	TURB	High turbine steam chest differential pressure
59	Partial Forced Immed	07/07/2014	14:32:00	07/07/2014	14:39:00	0.12	392	0250	BLR	C2 Coal feeder tripped
60	Partial Forced Immed	07/07/2014	14:39:00	07/07/2014	16:34:00	1.92	410	4099	TURB	High turbine steam chest differential pressure
61	Partial Forced Immed	07/07/2014	16:34:00	07/07/2014	16:40:00	0.1	392	0250	BLR	C2 Coal feeder tripped
62	Partial Forced Immed	07/07/2014	16:40:00	07/07/2014	17:10:00	0.5	410	4260	TURB	High turbine steam chest differential pressure
63	Partial Forced Immed	07/07/2014	17:10:00	07/07/2014	17:20:00	0.17	392	0250	BLR	C2 Coal feeder tripped
64	Partial Forced Immed	07/07/2014	17:20:00	07/12/2014	01:30:00	104.17	410	4260	TURB	High turbine steam chest differential pressure
65	Partial Maintenance	07/12/2014	01:30:00	07/12/2014	02:15:00	0.75	320	4268	TURB	Turbine valve testing
66	Noncurtailing	07/12/2014	02:15:00	07/12/2014	04:15:00	2	330	0340	BLR	Mill peaking
67	Partial Forced Immed	07/12/2014	04:15:00	07/12/2014	22:30:00	18.25	410	4260	TURB	High turbine steam chest differential pressure
68	Noncurtailing	07/12/2014	22:30:00	07/12/2014	23:20:00	0.83	380	0340	BLR	Mill peaking
71	Partial Forced Immed	07/12/2014	23:20:00	07/13/2014	17:15:00	17.92	410	4260	TURB	High turbine steam chest differential pressure
72	Partial Forced Immed	07/13/2014	17:15:00	07/13/2014	22:30:00	5.25	400	8299	POLL	FGD Inlet duct high pressure
73	Partial Forced Immed	07/13/2014	22:30:00	07/14/2014	11:30:00	13	410	4260	TURB	High turbine steam chest differential pressure
74	Partial Forced Immed	07/14/2014	11:30:00	07/14/2014	11:45:00	0.25	280	1455	BLR	A ID fan tripped due to high inlet duct pressure
75	Full Forced Immed	07/14/2014	11:45:00	07/14/2014	21:12:00	9.45	0	1475	BLR	B ID fan tripped
76	Partial Forced Immed	07/14/2014	21:12:00	07/15/2014	11:35:00	14.38	280	1455	BLR	B ID fan controls repair
77	Partial Forced Immed	07/15/2014	11:35:00	07/18/2014	00:30:00	60.92	410	4260	TURB	High turbine steam chest differential pressure
78	Planned Derating	07/18/2014	00:30:00	07/18/2014	05:30:00	5	270	0250	BLR	A1 Coal feeder belt replacement
79	Partial Forced Immed	07/18/2014	05:30:00	07/18/2014	06:15:00	0.75	410	4260	TURB	High turbine steam chest differential pressure
80	Partial Forced Immed	07/18/2014	06:15:00	07/18/2014	06:55:00	0.67	280	0335	BLR	A2 Mill oil pump not pumping sufficiently
81	Partial Forced Immed	07/18/2014	06:55:00	07/20/2014	02:08:00	43.22	410	4260	TURB	High turbine steam chest differential pressure
82	Partial Maintenance	07/20/2014	02:08:00	07/20/2014	02:46:00	0.63	320	4268	TURB	Turbine valve testing



**Tampa Electric Company**  
**Outage Listing**  
(07/01/2014 - 07/31/2014)

**Unit:** BIG BEND 3      **MDC:** 420      **Run Date:** 8/8/2014

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
83	Full Forced Immed	07/20/2014	02:46:00	07/20/2014	04:09:00	1.38	0	4302	TURB	Turbine tripped while performing trip testing
84	Partial Forced Immed	07/20/2014	04:09:00	07/22/2014	09:00:00	52.85	410	4260	TURB	High turbine steam chest differential pressure
85	Partial Forced Immed	07/22/2014	09:00:00	07/24/2014	02:00:00	41	415	4260	TURB	High turbine steam chest differential pressure
86	Partial Forced Immed	07/24/2014	02:00:00	07/24/2014	04:05:00	2.08	410	8299	POLL	FGD Inlet duct high pressure
87	Partial Forced Immed	07/24/2014	04:05:00	07/24/2014	06:30:00	2.42	415	4260	TURB	High turbine steam chest differential pressure
88	Partial Forced Immed	07/24/2014	06:30:00	07/25/2014	10:45:00	28.25	410	8299	POLL	FGD Inlet duct high pressure
89	Partial Forced Immed	07/25/2014	10:45:00	07/25/2014	15:15:00	4.5	415	8299	POLL	FGD Inlet duct high pressure
90	Full Forced Immed	07/25/2014	15:15:00	07/27/2014	03:00:00	35.75	0	3720	BLPT	Unit tripped due to sync check relay problems
91	Partial Forced Immed	07/27/2014	10:25:00	07/29/2014	04:00:00	41.58	415	4260	TURB	High turbine steam chest differential pressure
92	Planned Derating	07/29/2014	04:00:00	07/29/2014	11:50:00	7.83	350	0855	BLR	Boiler safety valve retorque
93	Partial Forced Immed	07/29/2014	11:50:00	07/29/2014	15:25:00	3.58	415	4260	TURB	High turbine steam chest differential pressure
94	Partial Forced Immed	07/29/2014	15:25:00	07/29/2014	16:48:00	1.38	390	9660	RS&E	High discharge canal temperature
95	Partial Forced Immed	07/29/2014	16:48:00	07/29/2014	23:30:00	6.7	350	9660	RS&E	High discharge canal temperature
96	Partial Forced Immed	07/29/2014	23:30:00	08/02/2014	20:13:00	48.5	415	4260	TURB	High turbine steam chest differential pressure

**Tampa Electric Company**  
**Outage Listing**  
(07/01/2014 - 07/31/2014)

**Unit:** BIG BEND 4      **MDC:** 440      **Run Date:** 8/8/2014

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	Partial Forced Immed	07/01/2014	18:47:00	07/01/2014	22:06:00	3.32	430	9660	RS&E	High discharge canal temperature
90	Partial Forced Immed	07/03/2014	18:20:00	07/03/2014	20:17:00	1.95	410	9660	RS&E	High discharge canal temperature
91	Partial Forced Immed	07/03/2014	20:17:00	07/03/2014	22:34:00	2.28	205	8262	POLL	C Booster fan tripped due to high vibration indications
92	Partial Forced Immed	07/03/2014	22:34:00	07/04/2014	05:00:00	6.43	410	9660	RS&E	High discharge canal temperature
93	Partial Forced Immed	07/04/2014	13:25:00	07/04/2014	15:25:00	2	420	9660	RS&E	High discharge canal temperature
94	Partial Maintenance	07/06/2014	01:05:00	07/06/2014	01:45:00	0.67	220	4268	TURB	Turbine valve testing
95	Planned Derating	07/08/2014	01:20:00	07/08/2014	09:58:00	8.63	400	0590	BLR	West reheat attemperator valve repair
96	Planned Derating	07/08/2014	23:00:00	07/09/2014	06:40:00	7.67	390	1990	BLR	Baseline Testing
97	Planned Derating	07/09/2014	23:30:00	07/10/2014	05:14:00	5.73	390	1990	BLR	Baseline Testing
98	Maintenance Outage	07/10/2014	21:54:00	07/13/2014	22:05:00	72.18	0	3416	BLPT	BFPT High pressure stop valve repair
99	Partial Forced Immed	07/13/2014	22:05:00	07/14/2014	00:37:00	2.53	250	8262	POLL	FGD D Booster fan vibration repair (balance shot)
100	Partial Forced Immed	07/14/2014	00:37:00	07/14/2014	01:45:00	1.13	225	8125	POLL	C3 Absorber pump expansion joint leak repair
101	Partial Forced Immed	07/15/2014	01:53:00	07/15/2014	02:15:00	0.37	380	0250	BLR	A Coal feeder tripped
102	Planned Derating	07/18/2014	23:45:00	07/19/2014	04:15:00	4.5	210	8260	POLL	D Booster fan oil change
103	Partial Forced Immed	07/19/2014	08:30:00	07/19/2014	09:20:00	0.83	360	0250	BLR	A Mill coal feeder tripped
104	Partial Forced Immed	07/29/2014	16:00:00	07/29/2014	23:55:00	7.92	420	9660	RS&E	High discharge canal temperature
105	Planned Derating	07/31/2014	01:00:00	07/31/2014	05:35:00	4.58	400	9999	PERF	Heat rate performance testing
106	Partial Forced Immed	07/31/2014	22:23:00	08/01/2014	00:50:00	1.62	430	9660	RS&E	High discharge canal temperature

**Tampa Electric Company  
Outage Listing  
(07/01/2014 - 07/31/2014)**

**Unit: POLK 1      MDC: 290      Run Date: 8/8/2014**

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
24	Partial Forced Immed	03/27/2014	16:00:00	01/01/2015	00:00:00	744	286	5039	GAST	Inlet Bleed het Valve failed to 30% open
27	Partial Forced Immed	05/10/2014	13:50:00	01/01/2015	00:00:00	744	275	5049	GAST	Ambient temperatures, fuel quality

**Tampa Electric Company  
Outage Listing  
(07/01/2014 - 07/31/2014)**

Unit:		MDC:						Run Date:			
BAYSIDE ST1		236						8/8/2014			
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	
24	Full Forced Immed	07/10/2014	23:34:00	07/11/2014	08:02:00	8.47	0	3898	BLPT	Steam Turbine trip due to Turbine Supervisory Instrum	

**Tampa Electric Company**  
**Outage Listing**  
(07/01/2014 - 07/31/2014)

**Unit:** BAYSIDE CT1A      **MDC:** 158      **Run Date:** 8/8/2014

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	Reserve Shutdown	07/01/2014	01:41:00	07/01/2014	11:13:00	9.53	0	0000	UNKN RESERVE SHUTDOWN	
79	Reserve Shutdown	07/02/2014	01:47:00	07/02/2014	08:52:00	7.08	0	0000	UNKN RESERVE SHUTDOWN	
80	Reserve Shutdown	07/03/2014	23:25:00	07/04/2014	12:28:00	13.05	0	0000	UNKN RESERVE SHUTDOWN	
81	Reserve Shutdown	07/04/2014	18:00:00	07/05/2014	10:09:00	16.15	0	0000	UNKN RESERVE SHUTDOWN	
82	Reserve Shutdown	07/05/2014	22:43:00	07/06/2014	10:33:00	11.83	0	0000	UNKN RESERVE SHUTDOWN	
83	Reserve Shutdown	07/06/2014	15:12:00	07/07/2014	10:46:00	19.57	0	0000	UNKN RESERVE SHUTDOWN	
84	Reserve Shutdown	07/08/2014	00:09:00	07/08/2014	11:11:00	11.03	0	0000	UNKN RESERVE SHUTDOWN	
85	Reserve Shutdown	07/11/2014	00:02:00	07/11/2014	09:57:00	9.92	0	0000	UNKN RESERVE SHUTDOWN	
86	Reserve Shutdown	07/11/2014	23:03:00	07/12/2014	09:59:00	10.93	0	0000	UNKN RESERVE SHUTDOWN	
87	Reserve Shutdown	07/12/2014	19:38:00	07/13/2014	08:41:00	13.05	0	0000	UNKN RESERVE SHUTDOWN	
88	Reserve Shutdown	07/14/2014	21:55:00	07/15/2014	06:48:00	8.88	0	0000	UNKN RESERVE SHUTDOWN	
89	Full Forced Immed	07/15/2014	06:57:00	07/15/2014	08:53:00	1.93	0	5120	GAST Trip caused by 2 out of 3 hydraulic pressure sensors s	
90	Full Forced Immed	07/15/2014	10:15:00	07/15/2014	22:30:00	12.25	0	5120	GAST Trip due to hydraulic oil pressure sensors seeing low p	
91	Reserve Shutdown	07/15/2014	22:31:00	07/17/2014	05:37:00	31.1	0	0000	UNKN RESERVE SHUTDOWN	
92	Reserve Shutdown	07/17/2014	19:37:00	07/18/2014	10:45:00	15.13	0	0000	UNKN RESERVE SHUTDOWN	
93	Reserve Shutdown	07/18/2014	23:55:00	07/19/2014	08:59:00	9.07	0	0000	UNKN RESERVE SHUTDOWN	
94	Reserve Shutdown	07/20/2014	01:11:00	07/20/2014	09:13:00	8.03	0	0000	UNKN RESERVE SHUTDOWN	
95	Reserve Shutdown	07/20/2014	23:08:00	07/21/2014	09:00:00	9.87	0	0000	UNKN RESERVE SHUTDOWN	
96	Reserve Shutdown	07/24/2014	21:59:00	07/24/2014	22:30:00	0.52	0	0000	UNKN RESERVE SHUTDOWN	
97	Maintenance Outage	07/24/2014	22:31:00	07/26/2014	06:51:00	32.33	0	3899	BLPT FWP HORIZONTAL JOINT LEAK REPAIR	
98	Reserve Shutdown	07/26/2014	06:52:00	07/26/2014	08:32:00	1.67	0	0000	UNKN RESERVE SHUTDOWN	
99	Reserve Shutdown	07/28/2014	23:34:00	07/29/2014	15:16:00	15.7	0	0000	UNKN RESERVE SHUTDOWN	
100	Full Forced Immed	07/29/2014	15:41:00	07/30/2014	07:59:00	16.3	0	3999	BLPT HP FEEDWATER VALVE MALFUNCTIONED CAUSIN	
101	Reserve Shutdown	07/30/2014	20:09:00	07/30/2014	20:34:00	0.42	0	0000	UNKN RESERVE SHUTDOWN	
102	Maintenance Outage	07/30/2014	20:35:00	07/31/2014	17:04:00	20.48	0	3830	BLPT Weld repairs to HRSG boiler tube.	
103	Reserve Shutdown	07/31/2014	17:05:00	07/31/2014	23:59:00	6.9	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company**  
**Outage Listing**  
(07/01/2014 - 07/31/2014)

**Unit:** BAYSIDE CT1B      **MDC:** 158      **Run Date:** 8/8/2014

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
66	Reserve Shutdown	07/01/2014	00:12:00	07/01/2014	09:53:00	9.68	0	0000	UNKN RESERVE SHUTDOWN	
67	Reserve Shutdown	07/02/2014	00:12:00	07/02/2014	10:15:00	10.05	0	0000	UNKN RESERVE SHUTDOWN	
68	Reserve Shutdown	07/02/2014	23:44:00	07/03/2014	10:08:00	10.4	0	0000	UNKN RESERVE SHUTDOWN	
69	Reserve Shutdown	07/03/2014	19:43:00	07/04/2014	09:43:00	14	0	0000	UNKN RESERVE SHUTDOWN	
70	Reserve Shutdown	07/04/2014	19:44:00	07/05/2014	12:14:00	16.5	0	0000	UNKN RESERVE SHUTDOWN	
71	Reserve Shutdown	07/05/2014	18:33:00	07/06/2014	12:29:00	17.93	0	0000	UNKN RESERVE SHUTDOWN	
72	Reserve Shutdown	07/06/2014	22:44:00	07/08/2014	08:58:00	34.23	0	0000	UNKN RESERVE SHUTDOWN	
73	Reserve Shutdown	07/08/2014	23:08:00	07/09/2014	08:03:00	8.92	0	0000	UNKN RESERVE SHUTDOWN	
74	Reserve Shutdown	07/10/2014	01:06:00	07/10/2014	10:45:00	9.65	0	0000	UNKN RESERVE SHUTDOWN	
75	Reserve Shutdown	07/10/2014	21:46:00	07/11/2014	06:47:00	9.02	0	0000	UNKN RESERVE SHUTDOWN	
76	Reserve Shutdown	07/11/2014	22:08:00	07/12/2014	08:33:00	10.42	0	0000	UNKN RESERVE SHUTDOWN	
77	Reserve Shutdown	07/13/2014	02:10:00	07/13/2014	10:09:00	7.98	0	0000	UNKN RESERVE SHUTDOWN	
78	Reserve Shutdown	07/13/2014	22:28:00	07/14/2014	08:55:00	10.45	0	0000	UNKN RESERVE SHUTDOWN	
79	Reserve Shutdown	07/16/2014	00:10:00	07/16/2014	07:49:00	7.65	0	0000	UNKN RESERVE SHUTDOWN	
80	Reserve Shutdown	07/16/2014	23:21:00	07/17/2014	10:38:00	11.28	0	0000	UNKN RESERVE SHUTDOWN	
81	Reserve Shutdown	07/18/2014	00:30:00	07/18/2014	08:30:00	8	0	0000	UNKN RESERVE SHUTDOWN	
82	Reserve Shutdown	07/18/2014	21:03:00	07/19/2014	11:19:00	14.27	0	0000	UNKN RESERVE SHUTDOWN	
83	Reserve Shutdown	07/19/2014	22:59:00	07/20/2014	10:42:00	11.72	0	0000	UNKN RESERVE SHUTDOWN	
84	Reserve Shutdown	07/21/2014	01:21:00	07/21/2014	10:26:00	9.08	0	0000	UNKN RESERVE SHUTDOWN	
85	Reserve Shutdown	07/21/2014	23:56:00	07/22/2014	09:45:00	9.82	0	0000	UNKN RESERVE SHUTDOWN	
86	Reserve Shutdown	07/22/2014	22:39:00	07/23/2014	09:40:00	11.02	0	0000	UNKN RESERVE SHUTDOWN	
87	Reserve Shutdown	07/24/2014	01:00:00	07/24/2014	11:21:00	10.35	0	0000	UNKN RESERVE SHUTDOWN	
88	Reserve Shutdown	07/27/2014	01:51:00	07/27/2014	08:56:00	7.08	0	0000	UNKN RESERVE SHUTDOWN	
89	Reserve Shutdown	07/27/2014	23:17:00	07/28/2014	08:38:00	9.35	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company**  
**Outage Listing**  
(07/01/2014 - 07/31/2014)

**Unit:** BAYSIDE CT1C      **MDC:** 158      **Run Date:** 8/8/2014

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	07/08/2014	23:55:00	07/09/2014	13:30:00	13.58	0	0000	UNKN RESERVE SHUTDOWN	
90	Reserve Shutdown	07/09/2014	20:07:00	07/10/2014	09:03:00	12.93	0	0000	UNKN RESERVE SHUTDOWN	
91	Reserve Shutdown	07/11/2014	02:20:00	07/11/2014	10:50:00	8.5	0	0000	UNKN RESERVE SHUTDOWN	
92	Reserve Shutdown	07/14/2014	00:03:00	07/14/2014	10:35:00	10.53	0	0000	UNKN RESERVE SHUTDOWN	
93	Reserve Shutdown	07/15/2014	00:33:00	07/15/2014	10:15:00	9.7	0	0000	UNKN RESERVE SHUTDOWN	
94	Maintenance Outage	07/21/2014	18:30:00	07/22/2014	12:00:00	17.5	0	6299	COMB Repositioning of main steam line on piping supports	
95	Reserve Shutdown	07/22/2014	12:01:00	07/22/2014	12:26:00	0.42	0	0000	UNKN RESERVE SHUTDOWN	
96	Reserve Shutdown	07/23/2014	00:58:00	07/23/2014	12:52:00	11.9	0	0000	UNKN RESERVE SHUTDOWN	
97	Reserve Shutdown	07/23/2014	22:38:00	07/24/2014	06:53:00	8.25	0	0000	UNKN RESERVE SHUTDOWN	
98	Reserve Shutdown	07/24/2014	22:52:00	07/25/2014	08:55:00	10.05	0	0000	UNKN RESERVE SHUTDOWN	
99	Reserve Shutdown	07/28/2014	22:07:00	07/29/2014	06:12:00	8.08	0	0000	UNKN RESERVE SHUTDOWN	
100	Reserve Shutdown	07/29/2014	20:04:00	07/30/2014	12:31:00	16.45	0	0000	UNKN RESERVE SHUTDOWN	
101	Reserve Shutdown	07/30/2014	23:36:00	07/31/2014	10:55:00	11.32	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company**  
**Outage Listing**  
 (07/01/2014 - 07/31/2014)

**Unit:** BAYSIDE ST2      **MDC:** 308      **Run Date:** 8/8/2014

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



**Tampa Electric Company**  
**Outage Listing**  
(07/01/2014 - 07/31/2014)

**Unit:** BAYSIDE CT2A      **MDC:** 158      **Run Date:** 8/8/2014

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	07/01/2014	00:00:00	07/01/2014	07:09:00	7.15	0	0000	UNKN RESERVE SHUTDOWN	
75	Reserve Shutdown	07/01/2014	23:20:00	07/02/2014	06:43:00	7.38	0	0000	UNKN RESERVE SHUTDOWN	
76	Reserve Shutdown	07/02/2014	22:13:00	07/03/2014	09:27:00	11.23	0	0000	UNKN RESERVE SHUTDOWN	
77	Reserve Shutdown	07/04/2014	00:20:00	07/04/2014	14:21:00	14.02	0	0000	UNKN RESERVE SHUTDOWN	
78	Reserve Shutdown	07/04/2014	23:46:00	07/05/2014	14:01:00	14.25	0	0000	UNKN RESERVE SHUTDOWN	
79	Reserve Shutdown	07/05/2014	17:27:00	07/07/2014	09:39:00	40.2	0	0000	UNKN RESERVE SHUTDOWN	
80	Full Forced Immed	07/07/2014	09:50:00	07/07/2014	10:01:00	0.18	0	3830	BLPT Full speed no load runback due to HP drum level goin	
81	Reserve Shutdown	07/07/2014	23:14:00	07/08/2014	10:11:00	10.95	0	0000	UNKN RESERVE SHUTDOWN	
82	Reserve Shutdown	07/08/2014	22:15:00	07/09/2014	11:00:00	12.75	0	0000	UNKN RESERVE SHUTDOWN	
83	Reserve Shutdown	07/09/2014	17:52:00	07/10/2014	08:07:00	14.25	0	0000	UNKN RESERVE SHUTDOWN	
84	Maintenance Outage	07/14/2014	20:20:00	07/15/2014	11:33:00	15.22	0	3832	BLPT Repairs to 2A-FWS-V202 Fdwtr AOV and HRS header	
85	Reserve Shutdown	07/15/2014	11:34:00	07/15/2014	12:36:00	1.03	0	0000	UNKN RESERVE SHUTDOWN	
86	Reserve Shutdown	07/15/2014	22:52:00	07/17/2014	10:14:00	35.37	0	0000	UNKN RESERVE SHUTDOWN	
87	Reserve Shutdown	07/17/2014	22:27:00	07/18/2014	10:08:00	11.68	0	0000	UNKN RESERVE SHUTDOWN	
88	Reserve Shutdown	07/18/2014	23:03:00	07/19/2014	08:30:00	9.45	0	0000	UNKN RESERVE SHUTDOWN	
89	Reserve Shutdown	07/19/2014	21:59:00	07/20/2014	10:09:00	12.17	0	0000	UNKN RESERVE SHUTDOWN	
90	Reserve Shutdown	07/20/2014	23:33:00	07/21/2014	12:55:00	13.37	0	0000	UNKN RESERVE SHUTDOWN	
91	Reserve Shutdown	07/21/2014	21:27:00	07/22/2014	11:55:00	14.47	0	0000	UNKN RESERVE SHUTDOWN	
92	Reserve Shutdown	07/22/2014	21:41:00	07/23/2014	10:14:00	12.55	0	0000	UNKN RESERVE SHUTDOWN	
93	Reserve Shutdown	07/25/2014	00:52:00	07/25/2014	10:32:00	9.67	0	0000	UNKN RESERVE SHUTDOWN	
94	Reserve Shutdown	07/28/2014	01:04:00	07/28/2014	09:16:00	8.2	0	0000	UNKN RESERVE SHUTDOWN	
95	Reserve Shutdown	07/28/2014	22:48:00	07/29/2014	10:12:00	11.4	0	0000	UNKN RESERVE SHUTDOWN	
96	Reserve Shutdown	07/30/2014	00:47:00	07/30/2014	11:21:00	10.57	0	0000	UNKN RESERVE SHUTDOWN	
97	Reserve Shutdown	07/30/2014	22:05:00	07/31/2014	10:10:00	12.08	0	0000	UNKN RESERVE SHUTDOWN	
98	Reserve Shutdown	07/31/2014	21:25:00	07/31/2014	23:59:00	2.57	0	0000	UNKN RESERVE SHUTDOWN	

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**Tampa Electric Company**  
**Outage Listing**  
(07/01/2014 - 07/31/2014)

**Unit: BAYSIDE CT2B      MDC: 158      Run Date: 8/8/2014**

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
96	Reserve Shutdown	07/07/2014	21:36:00	07/08/2014	11:36:00	14	0	0000	UNKN RESERVE SHUTDOWN	
97	Reserve Shutdown	07/09/2014	18:31:00	07/10/2014	11:48:00	17.28	0	0000	UNKN RESERVE SHUTDOWN	
98	Reserve Shutdown	07/13/2014	00:33:00	07/13/2014	10:51:00	10.3	0	0000	UNKN RESERVE SHUTDOWN	
99	Reserve Shutdown	07/13/2014	23:17:00	07/14/2014	11:17:00	12	0	0000	UNKN RESERVE SHUTDOWN	
100	Reserve Shutdown	07/16/2014	13:11:00	07/17/2014	09:09:00	19.97	0	0000	UNKN RESERVE SHUTDOWN	
101	Reserve Shutdown	07/19/2014	01:43:00	07/19/2014	11:40:00	9.95	0	0000	UNKN RESERVE SHUTDOWN	
102	Reserve Shutdown	07/19/2014	19:30:00	07/20/2014	08:39:00	13.15	0	0000	UNKN RESERVE SHUTDOWN	
103	Reserve Shutdown	07/21/2014	19:46:00	07/22/2014	08:05:00	12.32	0	0000	UNKN RESERVE SHUTDOWN	
104	Reserve Shutdown	07/22/2014	19:42:00	07/23/2014	09:01:00	13.32	0	0000	UNKN RESERVE SHUTDOWN	
105	Reserve Shutdown	07/23/2014	23:22:00	07/24/2014	15:14:00	15.87	0	0000	UNKN RESERVE SHUTDOWN	
106	Reserve Shutdown	07/25/2014	00:01:00	07/25/2014	09:27:00	9.43	0	0000	UNKN RESERVE SHUTDOWN	
107	Reserve Shutdown	07/29/2014	00:13:00	07/29/2014	07:02:00	6.82	0	0000	UNKN RESERVE SHUTDOWN	
108	Reserve Shutdown	07/29/2014	22:57:00	07/30/2014	09:27:00	10.5	0	0000	UNKN RESERVE SHUTDOWN	
109	Reserve Shutdown	07/30/2014	21:15:00	07/31/2014	08:23:00	11.13	0	0000	UNKN RESERVE SHUTDOWN	
110	Reserve Shutdown	07/31/2014	23:11:00	07/31/2014	23:59:00	0.8	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company**  
**Outage Listing**  
(07/01/2014 - 07/31/2014)

**Unit: BAYSIDE CT2C      MDC: 158      Run Date: 8/8/2014**

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
112	Reserve Shutdown	07/01/2014	00:00:00	07/01/2014	10:36:00	10.6	0	0000	UNKN RESERVE SHUTDOWN	
113	Reserve Shutdown	07/01/2014	20:22:00	07/02/2014	11:34:00	15.2	0	0000	UNKN RESERVE SHUTDOWN	
114	Reserve Shutdown	07/02/2014	21:57:00	07/03/2014	07:58:00	10.02	0	0000	UNKN RESERVE SHUTDOWN	
115	Reserve Shutdown	07/03/2014	18:56:00	07/04/2014	09:00:00	14.07	0	0000	UNKN RESERVE SHUTDOWN	
116	Reserve Shutdown	07/04/2014	19:04:00	07/05/2014	09:21:00	14.28	0	0000	UNKN RESERVE SHUTDOWN	
117	Reserve Shutdown	07/05/2014	16:08:00	07/06/2014	09:29:00	17.35	0	0000	UNKN RESERVE SHUTDOWN	
118	Reserve Shutdown	07/06/2014	20:30:00	07/07/2014	14:33:00	18.05	0	0000	UNKN RESERVE SHUTDOWN	
119	Reserve Shutdown	07/08/2014	14:59:00	07/09/2014	09:35:00	18.6	0	0000	UNKN RESERVE SHUTDOWN	
120	Reserve Shutdown	07/10/2014	19:38:00	07/11/2014	08:41:00	13.05	0	0000	UNKN RESERVE SHUTDOWN	
121	Reserve Shutdown	07/11/2014	19:22:00	07/12/2014	10:30:00	15.13	0	0000	UNKN RESERVE SHUTDOWN	
122	Reserve Shutdown	07/12/2014	21:21:00	07/13/2014	08:01:00	10.67	0	0000	UNKN RESERVE SHUTDOWN	
123	Reserve Shutdown	07/13/2014	21:39:00	07/14/2014	07:43:00	10.07	0	0000	UNKN RESERVE SHUTDOWN	
124	Reserve Shutdown	07/14/2014	22:49:00	07/15/2014	07:25:00	8.6	0	0000	UNKN RESERVE SHUTDOWN	
125	Reserve Shutdown	07/15/2014	19:47:00	07/16/2014	09:13:00	13.43	0	0000	UNKN RESERVE SHUTDOWN	
126	Reserve Shutdown	07/17/2014	21:28:00	07/18/2014	12:07:00	14.65	0	0000	UNKN RESERVE SHUTDOWN	
127	Reserve Shutdown	07/18/2014	19:25:00	07/19/2014	09:21:00	13.93	0	0000	UNKN RESERVE SHUTDOWN	
128	Reserve Shutdown	07/19/2014	23:57:00	07/20/2014	11:43:00	11.77	0	0000	UNKN RESERVE SHUTDOWN	
129	Reserve Shutdown	07/20/2014	19:27:00	07/21/2014	09:56:00	14.48	0	0000	UNKN RESERVE SHUTDOWN	
130	Reserve Shutdown	07/21/2014	22:52:00	07/22/2014	10:44:00	11.87	0	0000	UNKN RESERVE SHUTDOWN	
131	Reserve Shutdown	07/23/2014	21:50:00	07/24/2014	08:58:00	11.13	0	0000	UNKN RESERVE SHUTDOWN	
132	Reserve Shutdown	07/29/2014	01:41:00	07/29/2014	08:57:00	7.27	0	0000	UNKN RESERVE SHUTDOWN	
133	Reserve Shutdown	07/29/2014	23:57:00	07/30/2014	10:39:00	10.7	0	0000	UNKN RESERVE SHUTDOWN	
134	Reserve Shutdown	07/31/2014	00:34:00	07/31/2014	11:47:00	11.22	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company**  
**Outage Listing**  
(07/01/2014 - 07/31/2014)

**Unit:** BAYSIDE CT2D      **MDC:** 158      **Run Date:** 8/8/2014

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
109	Reserve Shutdown	07/01/2014	00:00:00	07/01/2014	08:51:00	8.85	0	0000	UNKN RESERVE SHUTDOWN	
110	Reserve Shutdown	07/01/2014	21:43:00	07/02/2014	09:28:00	11.75	0	0000	UNKN RESERVE SHUTDOWN	
111	Reserve Shutdown	07/02/2014	21:00:00	07/03/2014	10:48:00	13.8	0	0000	UNKN RESERVE SHUTDOWN	
112	Reserve Shutdown	07/03/2014	22:55:00	07/04/2014	10:26:00	11.52	0	0000	UNKN RESERVE SHUTDOWN	
113	Reserve Shutdown	07/04/2014	22:08:00	07/05/2014	11:29:00	13.35	0	0000	UNKN RESERVE SHUTDOWN	
114	Reserve Shutdown	07/05/2014	20:15:00	07/06/2014	11:38:00	15.38	0	0000	UNKN RESERVE SHUTDOWN	
115	Full Forced Immed	07/06/2014	12:01:00	07/06/2014	14:01:00	2	0	9900	PERS Bench board operator allowed HP drum level to go trip	
116	Reserve Shutdown	07/06/2014	14:02:00	07/08/2014	08:14:00	42.2	0	0000	UNKN RESERVE SHUTDOWN	
117	Reserve Shutdown	07/08/2014	21:18:00	07/09/2014	10:16:00	12.97	0	0000	UNKN RESERVE SHUTDOWN	
118	Reserve Shutdown	07/09/2014	22:34:00	07/10/2014	10:21:00	11.78	0	0000	UNKN RESERVE SHUTDOWN	
119	Reserve Shutdown	07/11/2014	23:54:00	07/12/2014	09:08:00	9.23	0	0000	UNKN RESERVE SHUTDOWN	
120	Reserve Shutdown	07/12/2014	23:26:00	07/13/2014	09:23:00	9.95	0	0000	UNKN RESERVE SHUTDOWN	
121	Reserve Shutdown	07/13/2014	23:01:00	07/14/2014	09:56:00	10.92	0	0000	UNKN RESERVE SHUTDOWN	
122	Reserve Shutdown	07/14/2014	23:48:00	07/15/2014	09:27:00	9.65	0	0000	UNKN RESERVE SHUTDOWN	
123	Reserve Shutdown	07/15/2014	21:56:00	07/17/2014	11:34:00	37.63	0	0000	UNKN RESERVE SHUTDOWN	
124	Reserve Shutdown	07/17/2014	22:03:00	07/18/2014	11:11:00	13.13	0	0000	UNKN RESERVE SHUTDOWN	
125	Reserve Shutdown	07/20/2014	21:50:00	07/21/2014	06:59:00	9.15	0	0000	UNKN RESERVE SHUTDOWN	
126	Reserve Shutdown	07/22/2014	23:12:00	07/23/2014	11:30:00	12.3	0	0000	UNKN RESERVE SHUTDOWN	
127	Reserve Shutdown	07/24/2014	00:03:00	07/24/2014	09:58:00	9.92	0	0000	UNKN RESERVE SHUTDOWN	
128	Reserve Shutdown	07/24/2014	21:13:00	07/25/2014	08:21:00	11.13	0	0000	UNKN RESERVE SHUTDOWN	

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Tampa Electric Company  
Actual Unit Performance  
Outage Listing Abbreviations and Descriptions

AGA	Acid Gas Absorber	KO	Knock Out
APH	Air Preheater	LCI	Load Communtated Inverter
ASU	Air Seperation 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	R/R	Remove and replace
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
IP	Intermediate Pressure	ZBL	Zero Ball Loss condenser cleaning system