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June 25, 2015

ELECTRONIC FILING

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

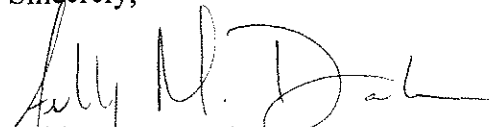
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor; FPSC Docket No. 150001-EI

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 May 2015.

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 25th day of June 2015, to the following:

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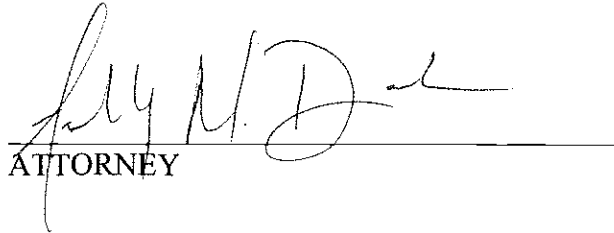
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ATTORNEY

ORIGINAL SHEET NO. 8.401.15A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2015 - DECEMBER 2015

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 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	64.4	86.8	76.6	93.3	80.0								80.0
2. PH	744	672	743	720	744								3623
3. SH	532.3	672.0	681.9	719.6	642.6								3248.3
4. RSH	0.0	0.0	0.0	0.0	0.0								0.0
5. UH	211.8	0.0	61.1	0.4	101.4								374.7
6. POH	211.8	0.0	0.0	0.0	0.0								211.8
7. FOH	0.0	0.0	61.1	0.4	53.2								114.7
8. MOH	0.0	0.0	0.0	0.0	48.3								48.3
9. PFOH	520.0	677.8	668.6	705.8	605.8								3178.0
10. LR PF (MW)	40.4	51.7	65.2	25.4	28.2								42.4
11. PMOH	0.3	0.3	6.3	6.3	8.1								21.2
12. LR PM (MW)	0.0	0.0	175.5	78.1	144.8								130.2
13. NSC (MW)	395	395	395	385	385								391
14. OPR BTU(GBTU)	1839.1280	2360.6453	2350.0427	2664.6952	2375.0419								11589.5531
15. NET GEN (MWH)	172923	224631	218619	252349	224991								1093513
16. ANOHR (BTU/KWH)	10636	10509	10749	10560	10556								10598
17. NOF (%)	82.3	84.6	81.2	91.1	90.9								86.1
18. NPC (MW)	395	395	395	385	385								391
19. ANOHR EQUATION	ANOHR = NOF (2.316) + 10,342.99)												

ORIGINAL SHEET NO. 8.401.15A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2015 - DECEMBER 2015

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 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	25.9	0.0	36.8	76.2	55.3								39.5
2. PH	744	672	743	720	744								3623
3. SH	231.3	0.0	345.1	720.0	527.7								1824.1
4. RSH	0.0	0.0	0.0	0.0	0.0								0.0
5. UH	512.7	672.0	397.9	0.0	216.3								1798.9
6. POH	235.8	0.0	0.0	0.0	137.0								372.8
7. FOH	276.9	672.0	397.9	0.0	79.3								1426.1
8. MOH	0.0	0.0	0.0	0.0	0.0								0.0
9. PFOH	227.3	0.0	339.4	701.7	506.2								1774.7
10. LR PF (MW)	67.3	0.0	83.6	90.4	81.7								83.7
11. PMOH	0.5	0.0	0.0	18.3	21.5								40.3
12. LR PM (MW)	0.0	0.0	0.0	134.2	160.4								146.5
13. NSC (MW)	395	395	395	385	385								388
14. OPR BTU(GBTU)	738.8508	0.0000	1079.5469	2183.3692	1642.7122								5644.4791
15. NET GEN (MWH)	69574	0	102284	203080	152610								527548
16. ANOHR (BTU/KWH)	10620	0	10554	10751	10764								10699
17. NOF (%)	76.1	0.0	75.0	73.3	75.1								74.5
18. NPC (MW)	395	395	395	385	385								391
19. ANOHR EQUATION	ANOHR = NOF	(-6.562)	+	10,987.10)						

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ORIGINAL SHEET NO. 8.401.15A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2015 - DECEMBER 2015

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 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	41.7	37.9	0.0	67.9	96.5								48.9
2. PH	744	672	743	720	744								3623
3. SH	311.0	290.1	0.0	530.7	740.2								1872.1
4. RSH	0.0	0.0	0.0	0.0	0.0								0.0
5. UH	433.0	381.9	743.0	189.3	3.8								1750.9
6. POH	328.0	0.0	0.0	0.0	0.0								328.0
7. FOH	105.0	381.9	743.0	189.3	3.8								1422.9
8. MOH	0.0	0.0	0.0	0.0	0.0								0.0
9. PFOH	12.5	94.5	0.0	95.7	10.9								213.6
10. LR PF (MW)	19.0	117.3	0.0	144.9	184.2								127.3
11. PMOH	0.0	26.0	0.0	17.4	34.0								77.3
12. LR PM (MW)	0.0	118.4	0.0	146.2	197.4								159.4
13. NSC (MW)	400	400	400	395	395								397
14. OPR BTU(GBTU)	1230.4278	975.0337	0.0000	1897.9068	2936.1379								7039.5062
15. NET GEN (MWH)	118033	96603	0	182744	284110								681490
16. ANOHR BTU/KWH	10424	10093	0	10386	10335								10330
17. NOF (%)	94.9	83.2	0.0	87.2	97.2								91.8
18. NPC (MW)	400	400	400	395	395								398
19. ANOHR EQUATION	ANOHR = NOF	(-20.119)	+	12,356.06)						

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ORIGINAL SHEET NO. 8.401.15A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2015 - DECEMBER 2015

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 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	89.3	94.2	71.6	75.1	43.0								74.2
2. PH	744	672	743	720	744								3623
3. SH	737.2	672.0	690.9	625.1	367.7								3093.0
4. RSH	0.0	0.0	0.0	0.0	0.0								0.0
5. UH	6.8	0.0	52.1	94.9	376.3								530.0
6. POH	0.0	0.0	0.0	0.0	334.1								334.1
7. FOH	6.8	0.0	52.1	94.9	8.3								162.0
8. MOH	0.0	0.0	0.0	0.0	33.9								33.9
9. PFOH	623.5	385.3	574.2	593.8	128.1								2305.0
10. LR PF (MW)	49.6	43.8	114.9	62.2	157.5								74.1
11. PMOH	5.3	2.0	16.5	0.5	5.3								29.7
12. LR PM (MW)	265.2	241.9	255.9	0.0	144.2								231.9
13. NSC (MW)	442	442	442	437	437								440
14. OPR BTU(GBTU)	2912.9682	2749.3877	2353.6322	2425.5531	1361.2335								11802.7746
15. NET GEN (MWH)	281282	265001	220972	227208	132124								1126587
16. ANOHR BTU/KWH	10356	10375	10651	10675	10303								10477
17. NOF (%)	86.3	89.2	72.4	83.2	82.2								82.7
18. NPC (MW)	442	442	442	437	437								440
19. ANOHR EQUATION	ANOHR = NOF	(-0.940)	+	10,507.72)						

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TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2015 - DECEMBER 2015

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 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	99.5	97.4	28.1	0.0	46.4								53.8
2. PH	744	672	743	720	744								3623
3. SH	740.4	654.6	208.6	0.0	345.2								1948.7
4. RSH	0.0	0.0	0.0	0.0	0.0								0.0
5. UH	3.6	17.4	534.4	720.0	398.8								1674.3
6. POH	0.0	0.0	534.4	644.0	0.0								1178.4
7. FOH	3.6	17.4	0.0	76.0	398.8								495.9
8. MOH	0.0	0.0	0.0	0.0	0.0								0.0
9. PFOH	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
11. PMOH	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
13. NSC (MW)	220	220	220	220	220								220
14. OPR BTU(GBTU)	1637.4274	1517.2426	433.2755	0.2600	538.1340								4126.3396
15. NET GEN (MWH)	164627	147869	43671	-4977	60354								411544
16. ANOHR BTU/KWH	9946	10261	9921	0	8916								10026
17. NOF (%)	101.1	102.7	95.2	0.0	79.5								96.0
18. NPC (MW)	220	220	220	220	220								220
19. ANOHR EQUATION	ANOHR = NOF (-47.266) + 15,116.96)												

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ORIGINAL SHEET NO. 8.401.15A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2015 - DECEMBER 2015

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 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	96.5	91.5	100.0	54.5	98.3								88.3
2. PH	744	672	743	720	744								3623
3. SH	415.9	663.6	743.0	418.7	744.0								2985.3
4. RSH	328.1	0.0	0.0	0.4	0.0								328.5
5. UH	0.0	8.4	0.0	300.9	0.0								309.2
6. POH	0.0	0.0	0.0	300.9	0.0								300.9
7. FOH	0.0	8.4	0.0	0.0	0.0								8.4
8. MOH	0.0	0.0	0.0	0.0	0.0								0.0
9. PFOH	30.6	146.5	0.0	7.7	31.7								216.5
10. LR PF (MW)	264.0	264.0	0.0	233.7	233.7								258.5
11. PMOH	47.0	0.0	0.0	720.0	6.9								773.9
12. LR PM (MW)	264.0	0.0	0.0	23.4	233.7								39.9
13. NSC (MW)	792	792	792	701	701								757
14. OPR BTU(GBTU)	1180.5760	2396.3580	2947.0150	1419.8050	2689.6150								10633.3690
15. NET GEN (MWH)	157484	320208	401081	189512	363344								1431629
16. ANOHR (BTU/KWH)	7496	7484	7348	7492	7402								7427
17. NOF (%)	47.8	60.9	68.2	64.6	69.7								63.4
18. NPC (MW)	792	792	792	701	701								756
19. ANOHR EQUATION	ANOHR = NOF (-12.819) + 8,084.29)												

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TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2015 - DECEMBER 2015

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 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	97.7	73.7	73.0	99.5	97.1								88.4
2. PH	744	672	743	720	744								3623
3. SH	731.8	304.8	562.9	720.0	744.0								3063.6
4. RSH	12.2	222.0	0.0	0.0	0.0								234.2
5. UH	0.0	145.2	180.1	0.0	0.0								325.3
6. POH	0.0	145.2	180.1	0.0	0.0								325.3
7. FOH	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
9. PFOH	25.8	2.7	18.5	15.0	80.1								142.1
10. LR PF (MW)	261.8	261.8	261.8	232.3	232.3								242.0
11. PMOH	43.9	672.0	553.0	0.0	7.4								1276.4
12. LR PM (MW)	261.8	47.7	30.2	0.0	232.3								48.6
13. NSC (MW)	1047	1047	1047	929	929								991
14. OPR BTU(GBTU)	3120.5920	1392.9090	2668.5240	3603.1780	3527.2140								14312.4170
15. NET GEN (MWH)	416548	184652	358379	475545	475533								1910657
16. ANOHR (BTU/KWH)	7492	7543	7446	7577	7417								7491
17. NOF (%)	54.4	57.9	60.8	71.1	68.8								63.0
18. NPC (MW)	1047	1047	1047	929	929								1000
19. ANOHR EQUATION	ANOHR = NOF (-7.052) + 7,811.35)												

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**Tampa Electric Company
Outage Listing
(05/01/2015 - 05/31/2015)**

Unit: BIG BEND 1 MDC: 410 Run Date: 6/5/2015

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
230	Full Forced Delayed	04/30/2015	23:35:00	05/03/2015	05:10:00	53.17	0	1050	BLR	Boiler tube leak
231	Planned Derating	05/03/2015	21:15:00	05/03/2015	21:43:00	0.47	350	4309	TURB	Turbine valves (3X power loss indication) fuse replace
232	Noncurtailing	05/03/2015	21:43:00	05/04/2015	00:37:00	2.9	340	0340	BLR	Mill peaking
233	Partial Forced Immed	05/04/2015	19:41:00	05/05/2015	23:04:00	27.38	400	8551	POLL	Precipitator TR sets failed/ out of service
234	Planned Derating	05/05/2015	23:04:00	05/06/2015	06:40:00	7.6	250	0260	BLR	C Primary air fan inspection (axial movement indicatio
235	Partial Forced Immed	05/06/2015	06:40:00	05/06/2015	16:50:00	10.17	400	8551	POLL	Precipitator TR sets failed/ out of service
236	Partial Forced Immed	05/06/2015	16:50:00	05/06/2015	17:00:00	0.17	390	8551	POLL	Precipitator TR sets failed/ out of service
237	Partial Forced Immed	05/06/2015	17:00:00	05/07/2015	06:20:00	13.33	400	8551	POLL	Precipitator TR sets failed/ out of service
238	Partial Forced Immed	05/07/2015	06:20:00	05/07/2015	17:30:00	11.17	390	8551	POLL	Precipitator TR sets failed/ out of service
239	Partial Forced Immed	05/07/2015	17:30:00	05/07/2015	18:30:00	1	400	8551	POLL	Precipitator TR sets failed/ out of service
240	Partial Forced Immed	05/07/2015	18:30:00	05/08/2015	01:30:00	7	390	8551	POLL	Precipitator TR sets failed/ out of service
241	Partial Forced Immed	05/08/2015	01:30:00	05/08/2015	11:30:00	10	400	8551	POLL	Precipitator TR sets failed/ out of service
242	Partial Forced Immed	05/08/2015	11:30:00	05/09/2015	15:45:00	28.25	390	8551	POLL	Precipitator TR sets failed/ out of service
243	Partial Forced Immed	05/09/2015	15:45:00	05/09/2015	17:55:00	2.17	380	8551	POLL	Precipitator TR sets failed/ out of service
244	Partial Forced Immed	05/09/2015	17:55:00	05/10/2015	17:00:00	23.08	370	8551	POLL	Precipitator TR sets failed/ out of service
245	Partial Forced Immed	05/10/2015	17:00:00	05/10/2015	17:44:00	0.73	330	8549	POLL	FGD Removal efficiency limits
246	Partial Forced Immed	05/10/2015	17:44:00	05/10/2015	21:00:00	3.27	310	8549	POLL	FGD Removal efficiency limits
247	Partial Forced Immed	05/10/2015	21:00:00	05/11/2015	00:01:00	3.02	300	8549	POLL	FGD Removal efficiency limits
248	Partial Forced Immed	05/11/2015	00:01:00	05/11/2015	00:40:00	0.65	310	8549	POLL	FGD Removal efficiency limits
249	Partial Forced Immed	05/11/2015	00:40:00	05/11/2015	17:38:00	16.97	370	8549	POLL	FGD Removal efficiency limits
250	Partial Forced Immed	05/11/2015	17:38:00	05/12/2015	04:15:00	10.62	365	8549	POLL	FGD Removal efficiency limits
251	Partial Forced Immed	05/12/2015	04:15:00	05/12/2015	17:15:00	13	370	8549	POLL	FGD Removal efficiency limits
252	Partial Forced Immed	05/12/2015	17:15:00	05/13/2015	00:01:00	6.77	365	8549	POLL	FGD Removal efficiency limits
253	Partial Forced Immed	05/13/2015	00:01:00	05/14/2015	04:45:00	28.73	370	8549	POLL	FGD Removal efficiency limits
254	Partial Forced Immed	05/14/2015	04:45:00	05/14/2015	05:05:00	0.33	345	3700	BLPT	Static wire failure
255	Partial Forced Immed	05/14/2015	05:05:00	05/15/2015	01:30:00	20.42	370	8551	POLL	Precipitator TR sets failed/ out of service
256	Partial Forced Immed	05/15/2015	01:30:00	05/15/2015	04:00:00	2.5	385	8551	POLL	Precipitator TR sets failed/ out of service
257	Partial Forced Immed	05/15/2015	04:00:00	05/15/2015	15:20:00	11.33	380	8551	POLL	Precipitator TR sets failed/ out of service
258	Partial Forced Immed	05/15/2015	15:20:00	05/16/2015	06:00:00	14.67	365	8551	POLL	Precipitator TR sets failed/ out of service
259	Partial Forced Immed	05/16/2015	06:00:00	05/16/2015	17:50:00	11.83	380	8551	POLL	Precipitator TR sets failed/ out of service
260	Partial Forced Immed	05/16/2015	06:00:00	05/16/2015	17:50:00	11.83	380	8551	POLL	Precipitator TR sets failed/ out of service

**Tampa Electric Company
Outage Listing
(05/01/2015 - 05/31/2015)**

Unit: BIG BEND 1 MDC: 410 Run Date: 6/5/2015

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
261	Partial Forced Immed	05/16/2015	17:50:00	05/16/2015	20:10:00	2.33	365	8551	POLL	Precipitator TR sets failed/ out of service
262	Partial Forced Immed	05/16/2015	20:10:00	05/17/2015	21:35:00	25.42	380	8551	POLL	Precipitator TR sets failed/ out of service
263	Partial Forced Immed	05/17/2015	21:35:00	05/18/2015	04:00:00	6.42	360	8551	POLL	Precipitator TR sets failed/ out of service
264	Partial Forced Immed	05/18/2015	04:00:00	05/18/2015	04:33:00	0.55	370	8551	POLL	Precipitator TR sets failed/ out of service
265	Partial Forced Immed	05/18/2015	04:43:00	05/18/2015	11:00:00	6.28	350	8551	POLL	Precipitator TR sets failed/ out of service
266	Partial Forced Immed	05/18/2015	11:00:00	05/18/2015	11:45:00	0.75	360	8551	POLL	Precipitator TR sets failed/ out of service
267	Partial Forced Immed	05/18/2015	11:45:00	05/18/2015	23:45:00	12	380	8551	POLL	Precipitator TR sets failed/ out of service
268	Noncurtailing	05/18/2015	23:45:00	05/19/2015	02:05:00	2.33	350	0340	BLR	Mill peaking
269	Partial Forced Immed	05/19/2015	02:05:00	05/24/2015	00:01:00	117.93	380	8551	POLL	Precipitator TR sets failed/ out of service
270	Partial Forced Immed	05/24/2015	00:01:00	05/24/2015	04:00:00	3.98	385	8551	POLL	Precipitator TR sets failed/ out of service
271	Partial Forced Immed	05/24/2015	04:00:00	05/24/2015	06:00:00	2	395	8551	POLL	Precipitator TR sets failed/ out of service
272	Partial Forced Immed	05/24/2015	06:00:00	05/24/2015	17:00:00	11	380	8551	POLL	Precipitator TR sets failed/ out of service
273	Partial Forced Immed	05/24/2015	17:00:00	05/24/2015	18:06:00	1.1	395	8551	POLL	Precipitator TR sets failed/ out of service
274	Partial Forced Immed	05/24/2015	18:06:00	05/25/2015	15:55:00	21.82	390	8551	POLL	Precipitator TR sets failed/ out of service
275	Partial Forced Immed	05/25/2015	15:55:00	05/25/2015	16:39:00	0.73	385	8551	POLL	Precipitator TR sets failed/ out of service
276	Partial Forced Immed	05/25/2015	16:39:00	05/26/2015	00:01:00	7.37	380	8551	POLL	Precipitator TR sets failed/ out of service
277	Partial Forced Immed	05/26/2015	00:01:00	05/26/2015	08:18:00	8.28	385	8551	POLL	Precipitator TR sets failed/ out of service
278	Partial Forced Immed	05/26/2015	08:18:00	05/26/2015	13:30:00	5.2	390	8551	POLL	Precipitator TR sets failed/ out of service
279	Partial Forced Immed	05/26/2015	13:30:00	05/26/2015	20:00:00	6.5	380	8551	POLL	Precipitator TR sets failed/ out of service
280	Partial Forced Immed	05/26/2015	20:00:00	05/26/2015	21:45:00	1.75	360	8760	CEM	Opacity monitor problems due to rain
281	Partial Forced Immed	05/26/2015	21:45:00	05/26/2015	23:00:00	1.25	340	8760	CEM	Opacity monitor problems due to rain
282	Partial Forced Immed	05/26/2015	23:00:00	05/27/2015	05:50:00	6.83	380	8551	POLL	Precipitator TR sets failed/ out of service
283	Partial Forced Immed	05/27/2015	05:50:00	05/27/2015	13:00:00	7.17	390	8551	POLL	Precipitator TR sets failed/ out of service
284	Partial Forced Immed	05/27/2015	13:00:00	05/28/2015	07:15:00	18.25	380	8551	POLL	Precipitator TR sets failed/ out of service
285	Partial Forced Immed	05/28/2015	07:15:00	05/28/2015	11:10:00	3.92	390	8551	POLL	Precipitator TR sets failed/ out of service
286	Partial Forced Immed	05/28/2015	11:10:00	05/29/2015	18:30:00	31.33	380	8551	POLL	Precipitator TR sets failed/ out of service
287	Partial Forced Immed	05/29/2015	18:30:00	05/29/2015	20:10:00	1.67	375	8551	POLL	Precipitator TR sets failed/ out of service
288	Partial Forced Immed	05/29/2015	20:10:00	05/29/2015	23:45:00	3.58	370	8551	POLL	Precipitator TR sets failed/ out of service
289	Maintenance Outage	05/29/2015	23:45:00	06/01/2015	00:20:00	48.25	0	8100	POLL	FGD outage

**Tampa Electric Company
Outage Listing
(05/01/2015 - 05/31/2015)**

Unit: BIG BEND 2 MDC: 410 Run Date: 6/5/2015

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
59	Partial Forced Immed	04/30/2015	12:00:00	05/02/2015	05:45:00	29.75	320	4611	GEN High H2 Temps	
60	Partial Forced Delayed	05/02/2015	05:45:00	05/02/2015	15:00:00	9.25	230	8290	POLL	Demister recycle water supply line repair
61	Partial Forced Immed	05/02/2015	15:00:00	05/04/2015	10:20:00	43.33	320	4611	GEN	High H2 Temps
62	Partial Forced Immed	05/04/2015	10:20:00	05/04/2015	15:45:00	5.42	270	1471	BLR	B ID Fan tripped due to card failure.
63	Partial Forced Immed	05/04/2015	15:45:00	05/05/2015	00:05:00	8.33	235	4611	GEN	High H2 Temps
64	Planned Derating	05/05/2015	00:05:00	05/05/2015	11:55:00	11.83	235	0127	BLR	B2 Crusher Dryer vibration troubleshooting
65	Partial Forced Immed	05/05/2015	11:55:00	05/08/2015	07:30:00	67.58	320	4611	GEN	High H2 Temps
66	Partial Forced Immed	05/08/2015	07:30:00	05/08/2015	09:00:00	1.5	330	4611	GEN	High H2 Temps
67	Partial Forced Immed	05/08/2015	09:00:00	05/08/2015	17:00:00	8	345	4611	GEN	High H2 Temps
68	Partial Forced Immed	05/08/2015	17:00:00	05/11/2015	18:15:00	73.25	345	4240	TURB	#3 Bearing vibration
69	Partial Forced Immed	05/11/2015	18:15:00	05/12/2015	22:50:00	28.58	335	4611	GEN	High H2 Temps
70	Partial Forced Immed	05/12/2015	22:50:00	05/13/2015	05:45:00	6.92	330	4240	TURB	#3 Bearing vibration
71	Partial Forced Immed	05/13/2015	05:45:00	05/13/2015	06:25:00	0.67	260	1475	BLR	B ID Fan ramped up to max speed.
72	Partial Forced Immed	05/13/2015	06:25:00	05/19/2015	23:35:00	161.17	330	4240	TURB	#3 Bearing vibration
73	Planned Derating	05/19/2015	23:35:00	05/20/2015	04:40:00	5.08	240	0260	BLR	C Primary Air fan locked out to unplug cooling water lir
74	Partial Forced Immed	05/20/2015	04:40:00	05/20/2015	23:45:00	19.08	330	4240	TURB	#3 Bearing vibration
75	Planned Derating	05/20/2015	23:45:00	05/21/2015	01:45:00	2	240	0262	BLR	C Primary Air fan oil change
76	Partial Maintenance	05/21/2015	01:45:00	05/21/2015	02:00:00	0.25	200	4268	TURB	Main Turbine valve testing
77	Planned Derating	05/21/2015	02:00:00	05/21/2015	04:20:00	2.33	240	0262	BLR	C Primary Air fan oil change
78	Partial Forced Immed	05/21/2015	04:20:00	05/21/2015	18:00:00	13.67	330	4240	TURB	#3 Bearing vibration
79	Partial Forced Immed	05/21/2015	18:00:00	05/22/2015	06:45:00	12.75	325	4611	GEN	High H2 Temps
80	Partial Forced Immed	05/22/2015	06:45:00	05/22/2015	23:41:00	16.93	250	0260	BLR	C Primary Air fan bearing failure
81	Full Forced Delayed	05/22/2015	23:41:00	05/26/2015	07:00:00	79.32	0	1000	BLR	Tube leak
82	Planned Outage	05/26/2015	07:00:00	01/01/2016	00:00:00	137	0	0380	BLR	Igniter gas conversion

**Tampa Electric Company
Outage Listing
(05/01/2015 - 05/31/2015)**

Unit: BIG BEND 3 MDC: 420 Run Date: 6/5/2015

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
49	Planned Derating	05/09/2015	00:10:00	05/09/2015	12:00:00	11.83	225	3113	COND	A Condenser cleaning
50	Full Forced Immed	05/14/2015	04:34:00	05/14/2015	08:21:00	3.78	0	3700	BLPT	Static wire failure
51	Planned Derating	05/16/2015	23:40:00	05/17/2015	21:50:00	22.17	210	3270	BLPT	A Debris filter repair
52	Partial Forced Delayed	05/25/2015	23:50:00	05/26/2015	03:50:00	4	280	0250	BLR	A2 Coal feeder belt replacement
53	Partial Forced Delayed	05/28/2015	21:35:00	05/29/2015	04:30:00	6.92	200	3113	COND	Condenser cleaning

**Tampa Electric Company
Outage Listing
(05/01/2015 - 05/31/2015)**

Unit: BIG BEND 4 MDC: 470 Run Date: 6/5/2015

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
127	Partial Forced Immed	04/24/2015	07:30:00	05/01/2015	22:24:00	22.4	400	1350	BLR	Operating at reduced steam header (2000#) due to su
128	Planned Outage	05/01/2015	22:24:00	05/15/2015	20:28:00	334.07	0	0385	BLR	Oil to Gas Igniter conversion
129	Maintenance Outage	05/15/2015	21:42:00	05/17/2015	07:38:00	33.93	0	1750	BLR	A/B Elevation main flame scanner reinstall
130	Full Forced Immed	05/17/2015	07:47:00	05/17/2015	09:00:00	1.22	0	3622	BLPT	#3 Reserve transformer trip testing
131	Partial Forced Immed	05/17/2015	14:00:00	05/17/2015	17:48:00	3.8	240	8262	POLL	C Booster fan has high vibration
132	Full Forced Immed	05/17/2015	17:48:00	05/18/2015	00:50:00	7.03	0	0370	BLR	Boiler tripped on critical flameout
133	Partial Forced Immed	05/18/2015	00:50:00	05/20/2015	17:00:00	64.17	265	8262	POLL	C Booster Fan out of service for high vibration trouble:
134	Partial Forced Immed	05/22/2015	02:10:00	05/22/2015	10:20:00	8.17	410	1470	BLR	A ID Fan channel 2 tripped
135	Partial Forced Immed	05/22/2015	16:10:00	05/22/2015	18:00:00	1.83	410	1470	BLR	A ID Fan channel 2 tripped
136	Partial Forced Immed	05/22/2015	18:00:00	05/22/2015	20:27:00	2.45	400	1470	BLR	A ID Fan channel 2 tripped
137	Planned Derating	05/27/2015	22:55:00	05/28/2015	04:16:00	5.35	320	0590	BLR	Reheat attemperator valve leak repair.
138	Partial Forced Immed	05/28/2015	22:15:00	05/29/2015	19:00:00	20.75	260	1400	BLR	A FD Fan bearing failure
139	Partial Forced Immed	05/29/2015	19:00:00	05/29/2015	23:30:00	4.5	400	0590	BLR	Reheat attemperator valve repair.

**Tampa Electric Company
Outage Listing
(05/01/2015 - 05/31/2015)**

Unit: POLK 1 MDC: 290 Run Date: 6/5/2015

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
1	Noncurtailing	01/01/2015	00:00:00	01/01/2016	00:00:00	744	0	4613	GEN	Seals persistently leak, giving casing liquid level detec
18	Full Forced Immed	04/27/2015	20:00:00	05/16/2015	18:19:00	378.32	0	4511	GEN	Generator seal issue, seals replaced 2X, Float trap dr
19	Planned Derating	05/16/2015	18:19:00	05/16/2015	18:21:00	0.03	10	4511	GEN	Test unit w/air in generator for seal leakage and Switzt
20	Full Forced Immed	05/16/2015	18:21:00	05/17/2015	08:51:00	14.5	0	4511	GEN	Had to purge to Hydrogen
21	Full Forced Immed	05/17/2015	10:46:00	05/17/2015	11:35:00	0.82	0	4899	GEN	Control Fire Shutdown initiated by improper alignment
22	Full Forced Immed	05/30/2015	08:19:00	05/30/2015	13:31:00	5.2	0	9320	EXTL	Air Conditioning in PEECC failed, Voltage Regulator o
23	Partial Forced Immed	05/18/2015	08:08:00	01/01/2016	00:00:00	288.18	200	5049	GAST	1J, Componders after cooler leak, water plugged cryo
23	Partial Forced Immed	05/18/2015	08:08:00	01/01/2016	00:00:00	5.2	200	5049	GAST	1J, Componders after cooler leak, water plugged cryo
23	Partial Forced Immed	05/18/2015	08:08:00	01/01/2016	00:00:00	34.48	200	5049	GAST	1J, Componders after cooler leak, water plugged cryo

**Tampa Electric Company
Outage Listing
(05/01/2015 - 05/31/2015)**

Unit: BAYSIDE ST1 MDC: 236 Run Date: 6/5/2015

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
(05/01/2015 - 05/31/2015)**

Unit: BAYSIDE CT1A MDC: 158 Run Date: 6/5/2015

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
37	Reserve Shutdown	05/06/2015	01:50:00	05/06/2015	10:52:00	9.03	0	0000	UNKN	RESERVE SHUTDOWN
38	Reserve Shutdown	05/06/2015	23:42:00	05/07/2015	08:10:00	8.47	0	0000	UNKN	RESERVE SHUTDOWN
39	Reserve Shutdown	05/08/2015	23:26:00	05/09/2015	07:19:00	7.88	0	0000	UNKN	RESERVE SHUTDOWN
40	Reserve Shutdown	05/09/2015	23:15:00	05/10/2015	09:35:00	10.33	0	0000	UNKN	RESERVE SHUTDOWN
41	Reserve Shutdown	05/10/2015	23:48:00	05/11/2015	06:50:00	7.03	0	0000	UNKN	RESERVE SHUTDOWN
42	Reserve Shutdown	05/14/2015	00:25:00	05/14/2015	08:00:00	7.58	0	0000	UNKN	RESERVE SHUTDOWN
43	Reserve Shutdown	05/15/2015	00:03:00	05/15/2015	08:11:00	8.13	0	0000	UNKN	RESERVE SHUTDOWN
44	Reserve Shutdown	05/15/2015	22:54:00	05/16/2015	08:17:00	9.38	0	0000	UNKN	RESERVE SHUTDOWN
45	Reserve Shutdown	05/17/2015	12:17:00	05/18/2015	09:30:00	21.22	0	0000	UNKN	RESERVE SHUTDOWN
46	Reserve Shutdown	05/18/2015	22:12:00	05/19/2015	06:09:00	7.95	0	0000	UNKN	RESERVE SHUTDOWN
47	Reserve Shutdown	05/19/2015	21:56:00	05/20/2015	04:58:00	7.03	0	0000	UNKN	RESERVE SHUTDOWN
49	Reserve Shutdown	05/20/2015	21:49:00	05/21/2015	06:56:00	9.12	0	0000	UNKN	RESERVE SHUTDOWN
50	Reserve Shutdown	05/21/2015	21:00:00	05/22/2015	08:14:00	11.23	0	0000	UNKN	RESERVE SHUTDOWN
51	Full Forced Immed	05/22/2015	08:15:00	05/23/2015	15:55:00	31.67	0	6299	COMB	HRSG TUBE LEAK
52	Reserve Shutdown	05/23/2015	15:56:00	05/23/2015	16:26:00	0.5	0	0000	UNKN	RESERVE SHUTDOWN
53	Reserve Shutdown	05/24/2015	01:56:00	05/24/2015	10:47:00	8.85	0	0000	UNKN	RESERVE SHUTDOWN
54	Reserve Shutdown	05/25/2015	23:56:00	05/26/2015	09:47:00	9.85	0	0000	UNKN	RESERVE SHUTDOWN
55	Reserve Shutdown	05/26/2015	23:48:00	05/27/2015	08:52:00	9.07	0	0000	UNKN	RESERVE SHUTDOWN
56	Reserve Shutdown	05/29/2015	00:38:00	05/29/2015	11:04:00	10.43	0	0000	UNKN	RESERVE SHUTDOWN
57	Reserve Shutdown	05/30/2015	00:28:00	05/30/2015	09:41:00	9.22	0	0000	UNKN	RESERVE SHUTDOWN
58	Reserve Shutdown	05/30/2015	23:13:00	05/31/2015	09:43:00	10.5	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(05/01/2015 - 05/31/2015)**

Unit: BAYSIDE CT1B MDC: 158 Run Date: 6/5/2015

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
42	Reserve Shutdown	05/01/2015	00:00:00	05/01/2015	05:36:00	5.6	0	0000	UNKN	RESERVE SHUTDOWN
43	Reserve Shutdown	05/02/2015	00:58:00	05/02/2015	09:37:00	8.65	0	0000	UNKN	RESERVE SHUTDOWN
44	Reserve Shutdown	05/03/2015	23:19:00	05/04/2015	09:08:00	9.82	0	0000	UNKN	RESERVE SHUTDOWN
45	Reserve Shutdown	05/04/2015	23:39:00	05/05/2015	10:01:00	10.37	0	0000	UNKN	RESERVE SHUTDOWN
46	Reserve Shutdown	05/06/2015	22:23:00	05/07/2015	06:04:00	7.68	0	0000	UNKN	RESERVE SHUTDOWN
47	Reserve Shutdown	05/08/2015	00:21:00	05/08/2015	09:03:00	8.7	0	0000	UNKN	RESERVE SHUTDOWN
48	Reserve Shutdown	05/22/2015	00:12:00	05/23/2015	09:59:00	33.78	0	0000	UNKN	RESERVE SHUTDOWN
49	Reserve Shutdown	05/24/2015	23:30:00	05/25/2015	10:18:00	10.8	0	0000	UNKN	RESERVE SHUTDOWN
50	Reserve Shutdown	05/27/2015	21:53:00	05/28/2015	07:01:00	9.13	0	0000	UNKN	RESERVE SHUTDOWN
51	Reserve Shutdown	05/28/2015	23:54:00	05/29/2015	09:18:00	9.4	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(05/01/2015 - 05/31/2015)**

Unit: BAYSIDE CT1C MDC: 158 Run Date: 6/5/2015

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
53	Reserve Shutdown	05/01/2015	00:00:00	05/01/2015	10:54:00	10.9	0	0000	UNKN	RESERVE SHUTDOWN
54	Reserve Shutdown	05/01/2015	23:24:00	05/02/2015	07:22:00	7.97	0	0000	UNKN	RESERVE SHUTDOWN
55	Reserve Shutdown	05/03/2015	21:39:00	05/04/2015	06:26:00	8.78	0	0000	UNKN	RESERVE SHUTDOWN
56	Reserve Shutdown	05/04/2015	20:05:00	05/05/2015	05:25:00	9.33	0	0000	UNKN	RESERVE SHUTDOWN
57	Reserve Shutdown	05/05/2015	22:12:00	05/06/2015	05:11:00	6.98	0	0000	UNKN	RESERVE SHUTDOWN
58	Reserve Shutdown	05/07/2015	22:16:00	05/08/2015	05:38:00	7.37	0	0000	UNKN	RESERVE SHUTDOWN
59	Reserve Shutdown	05/09/2015	00:29:00	05/09/2015	08:42:00	8.22	0	0000	UNKN	RESERVE SHUTDOWN
60	Reserve Shutdown	05/11/2015	01:34:00	05/11/2015	08:49:00	7.25	0	0000	UNKN	RESERVE SHUTDOWN
61	Reserve Shutdown	05/12/2015	23:22:00	05/13/2015	08:28:00	9.1	0	0000	UNKN	RESERVE SHUTDOWN
62	Reserve Shutdown	05/16/2015	00:46:00	05/16/2015	10:20:00	9.57	0	0000	UNKN	RESERVE SHUTDOWN
63	Reserve Shutdown	05/18/2015	01:50:00	05/18/2015	11:47:00	9.95	0	0000	UNKN	RESERVE SHUTDOWN
64	Reserve Shutdown	05/19/2015	00:15:00	05/19/2015	09:21:00	9.1	0	0000	UNKN	RESERVE SHUTDOWN
65	Reserve Shutdown	05/19/2015	23:30:00	05/20/2015	08:38:00	9.13	0	0000	UNKN	RESERVE SHUTDOWN
66	Reserve Shutdown	05/20/2015	23:48:00	05/21/2015	09:59:00	10.18	0	0000	UNKN	RESERVE SHUTDOWN
67	Reserve Shutdown	05/21/2015	21:02:00	05/22/2015	05:22:00	8.33	0	0000	UNKN	RESERVE SHUTDOWN
68	Reserve Shutdown	05/24/2015	00:13:00	05/24/2015	09:09:00	8.93	0	0000	UNKN	RESERVE SHUTDOWN
69	Reserve Shutdown	05/24/2015	18:41:00	05/25/2015	09:01:00	14.33	0	0000	UNKN	RESERVE SHUTDOWN
70	Maintenance Outage	05/28/2015	04:00:00	05/28/2015	10:56:00	6.93	0	5049	GAST	Repairs to Fuel Gas Skid Performance Heater.
71	Reserve Shutdown	05/28/2015	10:57:00	05/28/2015	11:24:00	0.45	0	0000	UNKN	RESERVE SHUTDOWN
72	Reserve Shutdown	05/29/2015	23:21:00	05/30/2015	08:30:00	9.15	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(05/01/2015 - 05/31/2015)**

Unit: BAYSIDE ST2 MDC: 308 Run Date: 6/5/2015

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
(05/01/2015 - 05/31/2015)**

Unit: BAYSIDE CT2A MDC: 158 Run Date: 6/5/2015

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
67	Reserve Shutdown	05/01/2015	00:00:00	05/01/2015	09:59:00	9.98	0	0000	UNKN	RESERVE SHUTDOWN
68	Reserve Shutdown	05/02/2015	23:28:00	05/03/2015	12:30:00	13.03	0	0000	UNKN	RESERVE SHUTDOWN
69	Reserve Shutdown	05/04/2015	00:03:00	05/04/2015	12:48:00	12.75	0	0000	UNKN	RESERVE SHUTDOWN
70	Reserve Shutdown	05/05/2015	01:00:00	05/05/2015	11:43:00	10.72	0	0000	UNKN	RESERVE SHUTDOWN
71	Full Forced Immed	05/06/2015	00:18:00	05/07/2015	06:07:00	29.82	0	5115	GAST	Both Mist Eliminators in 2A Lube Oil Accessory Comp:
72	Reserve Shutdown	05/07/2015	06:08:00	05/07/2015	10:42:00	4.57	0	0000	UNKN	RESERVE SHUTDOWN
73	Reserve Shutdown	05/07/2015	23:34:00	05/08/2015	12:11:00	12.62	0	0000	UNKN	RESERVE SHUTDOWN
74	Reserve Shutdown	05/09/2015	22:12:00	05/10/2015	08:57:00	10.75	0	0000	UNKN	RESERVE SHUTDOWN
75	Reserve Shutdown	05/11/2015	00:44:00	05/11/2015	09:59:00	9.25	0	0000	UNKN	RESERVE SHUTDOWN
76	Reserve Shutdown	05/11/2015	22:24:00	05/12/2015	06:19:00	7.92	0	0000	UNKN	RESERVE SHUTDOWN
77	Reserve Shutdown	05/13/2015	00:09:00	05/13/2015	09:26:00	9.28	0	0000	UNKN	RESERVE SHUTDOWN
78	Reserve Shutdown	05/15/2015	00:39:00	05/15/2015	10:14:00	9.58	0	0000	UNKN	RESERVE SHUTDOWN
79	Reserve Shutdown	05/18/2015	23:08:00	05/19/2015	12:19:00	13.18	0	0000	UNKN	RESERVE SHUTDOWN
80	Reserve Shutdown	05/20/2015	00:29:00	05/20/2015	10:54:00	10.42	0	0000	UNKN	RESERVE SHUTDOWN
81	Reserve Shutdown	05/20/2015	22:50:00	05/21/2015	11:49:00	12.98	0	0000	UNKN	RESERVE SHUTDOWN
82	Reserve Shutdown	05/21/2015	23:52:00	05/22/2015	09:46:00	9.9	0	0000	UNKN	RESERVE SHUTDOWN
83	Reserve Shutdown	05/23/2015	21:52:00	05/24/2015	09:45:00	11.88	0	0000	UNKN	RESERVE SHUTDOWN
84	Reserve Shutdown	05/24/2015	22:01:00	05/25/2015	13:17:00	15.27	0	0000	UNKN	RESERVE SHUTDOWN
85	Reserve Shutdown	05/26/2015	00:46:00	05/26/2015	10:27:00	9.68	0	0000	UNKN	RESERVE SHUTDOWN
86	Reserve Shutdown	05/26/2015	19:58:00	05/27/2015	03:59:00	8.02	0	0000	UNKN	RESERVE SHUTDOWN
87	Maintenance Outage	05/27/2015	04:00:00	05/27/2015	11:26:00	7.43	0	5049	GAST	Repairs to the gas side of the 2A Fuel Gas Skid Perfor
88	Reserve Shutdown	05/27/2015	11:27:00	05/27/2015	12:07:00	0.67	0	0000	UNKN	RESERVE SHUTDOWN
89	Reserve Shutdown	05/28/2015	01:09:00	05/28/2015	10:16:00	9.12	0	0000	UNKN	RESERVE SHUTDOWN
90	Reserve Shutdown	05/30/2015	01:31:00	05/30/2015	08:52:00	7.35	0	0000	UNKN	RESERVE SHUTDOWN
91	Reserve Shutdown	05/31/2015	00:15:00	05/31/2015	10:00:00	9.75	0	0000	UNKN	RESERVE SHUTDOWN
92	Reserve Shutdown	05/31/2015	22:49:00	05/31/2015	23:59:00	1.17	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(05/01/2015 - 05/31/2015)**

Unit: BAYSIDE CT2B MDC: 158 Run Date: 6/5/2015

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
57	Reserve Shutdown	05/01/2015	00:00:00	05/01/2015	07:59:00	7.98	0	0000	UNKN	RESERVE SHUTDOWN
58	Reserve Shutdown	05/03/2015	00:33:00	05/03/2015	14:41:00	14.13	0	0000	UNKN	RESERVE SHUTDOWN
59	Reserve Shutdown	05/04/2015	22:51:00	05/05/2015	07:15:00	8.4	0	0000	UNKN	RESERVE SHUTDOWN
60	Reserve Shutdown	05/05/2015	23:05:00	05/06/2015	06:44:00	7.65	0	0000	UNKN	RESERVE SHUTDOWN
61	Reserve Shutdown	05/07/2015	01:17:00	05/07/2015	09:27:00	8.17	0	0000	UNKN	RESERVE SHUTDOWN
62	Reserve Shutdown	05/07/2015	21:28:00	05/08/2015	06:44:00	9.27	0	0000	UNKN	RESERVE SHUTDOWN
63	Reserve Shutdown	05/09/2015	01:58:00	05/09/2015	09:46:00	7.8	0	0000	UNKN	RESERVE SHUTDOWN
64	Reserve Shutdown	05/11/2015	23:51:00	05/12/2015	08:05:00	8.23	0	0000	UNKN	RESERVE SHUTDOWN
65	Reserve Shutdown	05/13/2015	22:57:00	05/14/2015	06:20:00	7.38	0	0000	UNKN	RESERVE SHUTDOWN
66	Reserve Shutdown	05/17/2015	23:00:00	05/18/2015	06:39:00	7.65	0	0000	UNKN	RESERVE SHUTDOWN
67	Reserve Shutdown	05/19/2015	02:12:00	05/19/2015	10:32:00	8.33	0	0000	UNKN	RESERVE SHUTDOWN
68	Reserve Shutdown	05/20/2015	01:57:00	05/20/2015	09:44:00	7.78	0	0000	UNKN	RESERVE SHUTDOWN
69	Reserve Shutdown	05/21/2015	00:50:00	05/21/2015	10:53:00	10.05	0	0000	UNKN	RESERVE SHUTDOWN
70	Reserve Shutdown	05/22/2015	01:02:00	05/22/2015	08:40:00	7.63	0	0000	UNKN	RESERVE SHUTDOWN
71	Reserve Shutdown	05/24/2015	12:47:00	05/25/2015	09:32:00	20.75	0	0000	UNKN	RESERVE SHUTDOWN
72	Reserve Shutdown	05/26/2015	21:01:00	05/27/2015	06:46:00	9.75	0	0000	UNKN	RESERVE SHUTDOWN
73	Reserve Shutdown	05/31/2015	01:40:00	05/31/2015	10:26:00	8.77	0	0000	UNKN	RESERVE SHUTDOWN
74	Reserve Shutdown	05/31/2015	23:42:00	05/31/2015	23:59:00	0.28	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(05/01/2015 - 05/31/2015)**

Unit: BAYSIDE CT2C MDC: 158 Run Date: 6/5/2015

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
62	Reserve Shutdown	05/02/2015	22:28:00	05/03/2015	09:43:00	11.25	0	0000	UNKN	RESERVE SHUTDOWN
63	Reserve Shutdown	05/08/2015	01:34:00	05/08/2015	10:44:00	9.17	0	0000	UNKN	RESERVE SHUTDOWN
64	Reserve Shutdown	05/08/2015	22:01:00	05/09/2015	02:33:00	4.53	0	0000	UNKN	RESERVE SHUTDOWN
65	Full Forced Immed	05/09/2015	02:34:00	05/09/2015	14:12:00	11.63	0	3832	BLPT	Failure of 2C-FWS-V231 Fdwtr Block Valve. Could no
66	Reserve Shutdown	05/09/2015	14:13:00	05/09/2015	14:56:00	0.72	0	0000	UNKN	RESERVE SHUTDOWN
67	Reserve Shutdown	05/10/2015	00:27:00	05/10/2015	10:06:00	9.65	0	0000	UNKN	RESERVE SHUTDOWN
68	Reserve Shutdown	05/12/2015	00:52:00	05/12/2015	09:26:00	8.57	0	0000	UNKN	RESERVE SHUTDOWN
69	Reserve Shutdown	05/12/2015	22:37:00	05/13/2015	06:17:00	7.67	0	0000	UNKN	RESERVE SHUTDOWN
70	Reserve Shutdown	05/13/2015	22:19:00	05/14/2015	05:25:00	7.1	0	0000	UNKN	RESERVE SHUTDOWN
71	Reserve Shutdown	05/14/2015	23:19:00	05/15/2015	06:41:00	7.37	0	0000	UNKN	RESERVE SHUTDOWN
72	Reserve Shutdown	05/16/2015	22:01:00	05/17/2015	08:32:00	10.52	0	0000	UNKN	RESERVE SHUTDOWN
73	Reserve Shutdown	05/17/2015	21:52:00	05/18/2015	05:28:00	7.6	0	0000	UNKN	RESERVE SHUTDOWN
74	Reserve Shutdown	05/18/2015	21:12:00	05/19/2015	07:50:00	10.63	0	0000	UNKN	RESERVE SHUTDOWN
75	Reserve Shutdown	05/19/2015	22:27:00	05/20/2015	07:35:00	9.13	0	0000	UNKN	RESERVE SHUTDOWN
76	Reserve Shutdown	05/20/2015	21:30:00	05/21/2015	08:33:00	11.05	0	0000	UNKN	RESERVE SHUTDOWN
77	Reserve Shutdown	05/21/2015	22:11:00	05/22/2015	06:52:00	8.68	0	0000	UNKN	RESERVE SHUTDOWN
78	Reserve Shutdown	05/23/2015	18:42:00	05/24/2015	17:39:00	22.95	0	0000	UNKN	RESERVE SHUTDOWN
79	Reserve Shutdown	05/24/2015	17:39:00	05/25/2015	08:31:00	14.87	0	0000	UNKN	RESERVE SHUTDOWN
80	Reserve Shutdown	05/25/2015	22:57:00	05/26/2015	06:38:00	7.68	0	0000	UNKN	RESERVE SHUTDOWN
81	Reserve Shutdown	05/26/2015	22:16:00	05/27/2015	10:13:00	11.95	0	0000	UNKN	RESERVE SHUTDOWN
82	Reserve Shutdown	05/28/2015	00:04:00	05/28/2015	09:18:00	9.23	0	0000	UNKN	RESERVE SHUTDOWN
83	Reserve Shutdown	05/28/2015	23:03:00	05/29/2015	10:22:00	11.32	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(05/01/2015 - 05/31/2015)**

Unit: BAYSIDE CT2D MDC: 158 Run Date: 6/5/2015

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
22	Full Forced Immed	05/01/2015	00:00:00	05/02/2015	12:40:00	36.67	0	3899	BLPT	Shut down Boiler Feed Pump due to vibration. Pump
23	Reserve Shutdown	05/02/2015	12:41:00	05/02/2015	13:02:00	0.35	0	0000	UNKN	RESERVE SHUTDOWN
24	Reserve Shutdown	05/03/2015	22:33:00	05/04/2015	10:55:00	12.37	0	0000	UNKN	RESERVE SHUTDOWN
25	Reserve Shutdown	05/10/2015	01:44:00	05/10/2015	10:39:00	8.92	0	0000	UNKN	RESERVE SHUTDOWN
26	Reserve Shutdown	05/10/2015	23:05:00	05/11/2015	05:54:00	6.82	0	0000	UNKN	RESERVE SHUTDOWN
27	Full Forced Immed	05/11/2015	05:55:00	05/11/2015	07:54:00	1.98	0	5016	GAST	Compressor Bleed Valve #4 failure to open
28	Reserve Shutdown	05/15/2015	11:48:00	05/16/2015	09:06:00	21.3	0	0000	UNKN	RESERVE SHUTDOWN
29	Reserve Shutdown	05/17/2015	01:39:00	05/17/2015	09:06:00	7.45	0	0000	UNKN	RESERVE SHUTDOWN
30	Reserve Shutdown	05/17/2015	22:23:00	05/18/2015	10:08:00	11.75	0	0000	UNKN	RESERVE SHUTDOWN
31	Reserve Shutdown	05/23/2015	23:13:00	05/24/2015	11:44:00	12.52	0	0000	UNKN	RESERVE SHUTDOWN

Tampa Electric Company
Actual Unit Performance
Outage Listing Abbreviations and Descriptions

AGA	Acid Gas Absorber	IP	Intermediate Pressure
APH	Air Preheater	KO	Knock Out
ASU	Air Separation Unit	LCI	Load Commutated Inverter
BFP	Boiler Feed Pump	LOTO	Lock Out Tag Out
BFPT	Boiler Feed Pump Turbine	LOX	Low Oxygen
CO	Carbon Monoxide	LP	Low Pressure
CO ₂	Carbon Dioxide	LVDT	Linear Variable Differential Transducer
COS	Carbonyl Sulfide	MAC	Main Air Compressor
CRH	Cold Reheat	MkVle	Mark 5e GE Logic Controller
CSC	Convective Syngas Coolers	MOC	Motor Operated Control
CT	Combustion Turbine	MOV	Motor Operated Valve
DCS	Digital Control System	N ₂	Nitrogen
EGT	Exit Gas Temperature	PLC	Programmable Logic Controller
EH	Electro Hydraulic	Pp	Pump
FAT	Final Absorber Tower	R/R	Remove and replace
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
HRSG	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