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July 25, 2016

ELECTRONIC FILING

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

Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor; FPSC Docket No. 160001-EI

Dear Ms. Stauffer:

Attached for filing in the above docket is Tampa Electric Company's GPIF Actual Unit
Performance Data Schedules for the month of June 2016.

Thank you for your assistance in connection with this matter.

Sincerely,



Ashley M. Daniels

AMD/ne

Attachment

cc: All parties of record (w/attachment)

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Schedules, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 25th day of July, 2016 to the following:

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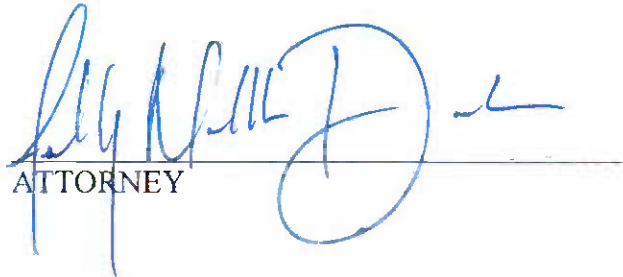
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ATTORNEY

ORIGINAL SHEET NO. 8.401.16A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND 1	JAN 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	2016
1. EAF (%)	48.0	77.4	91.8	61.7	68.4	88.4							72.6
2. PH	744	696	743	720	744	720							4367
3. SH	364.7	569.8	683.5	445.7	516.4	720.0							3300.1
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
5. UH	379.3	126.2	59.5	274.3	227.6	0.0							1066.9
6. POH	0.0	0.0	0.0	274.3	0.0	0.0							274.3
7. FOH	379.3	126.2	59.5	0.0	227.6	0.0							792.6
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
9. PFOH	30.9	94.0	15.9	9.8	10.9	108.4							269.8
10. LR PF (MW)	94.0	131.7	23.5	18.8	161.5	28.8							76.8
11. PMOH	0.0	0.3	1.0	1.4	6.7	408.4							417.8
12. LR PM (MW)	0.0	206.9	214.4	195.0	169.0	70.9							73.3
13. NSC (MW)	395	395	395	385	385	385							390
14. OPR BTU(GBTU)	894.2913	1684.8736	1958.0597	1221.1867	1991.3879	2459.7769							10209.5760
15. NET GEN (MWH)	82135	157430	181868	113374	184974	230382							950163
16. ANOHR (BTU/KWH)	10888	10702	10766	10771	10766	10677							10745
17. NOF (%)	57.0	69.9	67.4	66.1	93.0	83.1							73.8
18. NPC (MW)	395	395	395	385	385	385							390
19. ANOHR EQUATION	ANOHR = NOF (-16.86) + (12,219)												

ORIGINAL SHEET NO. 8.401.16A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND 2	JAN 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	2016
1. EAF (%)	76.7	8.4	68.3	0.0	0.0	36.8							32.1
2. PH	744	696	743	720	744	720							4367
3. SH	595.3	59.5	570.0	0.0	0.0	353.5							1578.3
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
5. UH	148.7	636.5	173.0	720.0	744.0	366.5							2788.7
6. POH	0.0	0.0	173.0	720.0	744.0	90.0							1727.0
7. FOH	148.7	636.5	0.0	0.0	0.0	276.5							1061.7
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
9. PFOH	220.2	20.0	519.3	0.0	0.0	137.8							897.3
10. LR PF (MW)	31.3	21.9	43.0	0.0	0.0	246.9							70.9
11. PMOH	144.3	0.0	50.7	0.0	0.0	0.0							194.9
12. LR PM (MW)	19.5	0.0	45.9	0.0	0.0	0.0							26.3
13. NSC (MW)	395	395	395	385	385	385							393
14. OPR BTU(GBTU)	1571.2504	211.3306	1598.3878	0.0000	0.0000	872.0005							4252.9693
15. NET GEN (MWH)	138943	18535	144508	0	0	83401							385387
16. ANOHR (BTU/KWH)	11309	11402	11061	0	0	10456							11036
17. NOF (%)	59.1	78.9	64.2	0.0	0.0	61.3							62.2
18. NPC (MW)	395	395	395	385	385	385							390
19. ANOHR EQUATION	ANOHR = NOF	(-21.73) + (12,462)											

ORIGINAL SHEET NO. 8.401.16A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
	JAN 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	
BIG BEND 3													2016
1. EAF (%)	37.8	11.3	53.5	59.3	74.2	52.7							48.5
2. PH	744	696	743	720	744	720							4367
3. SH	201.7	158.5	660.2	675.6	556.3	622.7							2875.0
4. RSH	176.3	0.0	71.5	0.0	0.0	0.0							247.8
5. UH	366.0	537.5	11.3	44.4	187.8	97.3							1244.2
6. POH	313.0	537.5	0.0	0.0	0.0	0.0							850.5
7. FOH	53.0	0.0	0.0	44.4	187.8	97.3							382.4
8. MOH	0.0	0.0	11.3	0.0	0.0	0.0							11.3
9. PFOH	145.2	158.5	660.2	561.0	91.1	587.6							2203.5
10. LR PF (MW)	266.6	202.4	202.4	175.1	9.4	163.2							181.2
11. PMOH	0.0	0.0	0.0	0.0	9.2	0.4							9.6
12. LR PM (MW)	0.0	0.0	0.0	0.0	84.0	164.7							87.2
13. NSC (MW)	400	400	400	395	395	395							397
14. OPR BTU(GBTU)	405.2481	234.3710	1060.7180	1369.1591	2157.6237	1497.1691							6724.2890
15. NET GEN (MWH)	34135	21494	100847	131589	204773	139051							631889
16. ANOHR BTU/KWH	11872	10904	10518	10405	10537	10767							10642
17. NOF (%)	42.3	33.9	38.2	49.3	93.2	56.5							55.4
18. NPC (MW)	400	400	400	395	395	395							398
19. ANOHR EQUATION	ANOHR = NOF	(-17.14) + (12,189)											

ORIGINAL SHEET NO. 8.401.16A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
	JAN 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	
BIG BEND 4													2016
1. EAF (%)	92.7	73.4	63.1	68.1	92.3	63.4							75.6
2. PH	744	696	743	720	744	720							4367
3. SH	744.0	648.9	469.6	551.0	691.5	600.3							3705.4
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
5. UH	0.0	47.1	273.4	169.0	52.5	119.7							661.6
6. POH	0.0	47.1	273.4	0.0	0.0	0.0							320.5
7. FOH	0.0	0.0	0.0	0.0	1.6	0.0							1.6
8. MOH	0.0	0.0	0.0	169.0	50.9	119.7							339.6
9. PFOH	379.2	627.7	0.0	279.5	35.2	474.0							1795.7
10. LR PF (MW)	61.5	93.0	0.0	83.3	47.4	132.8							94.5
11. PMOH	4.5	10.9	1.4	12.6	1.5	0.0							30.9
12. LR PM (MW)	138.8	241.0	228.0	255.9	220.0	0.0							230.5
13. NSC (MW)	442	442	442	437	437	437							440
14. OPR BTU(GBTU)	2255.8865	1823.8952	1126.6380	1536.5018	2677.8839	1911.2361							11332.0415
15. NET GEN (MWH)	215861	178896	102685	149165	255872	184528							1087007
16. ANOHR BTU/KWH	10451	10195	10972	10301	10466	10357							10425
17. NOF (%)	65.6	62.4	49.5	61.9	84.7	70.3							66.7
18. NPC (MW)	442	442	442	437	437	437							440
19. ANOHR EQUATION	ANOHR = NOF	(-13.92)	+ (11,725)										

ORIGINAL SHEET NO. 8.401.16A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
POLK 1	JAN 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	2016
1. EAF (%)	100.0	92.3	84.0	74.2	10.2	98.1							76.2
2. PH	744	696	743	720	744	720							4367
3. SH	744.0	599.4	624.2	534.2	75.7	657.2							3234.6
4. RSH	0.0	42.8	0.0	0.0	0.0	49.4							92.2
5. UH	0.0	53.8	118.8	185.8	668.3	13.4							1040.2
6. POH	0.0	0.0	0.0	178.8	635.0	0.0							813.7
7. FOH	0.0	38.0	118.8	7.1	33.4	13.4							210.6
8. MOH	0.0	15.9	0.0	0.0	0.0	0.0							15.9
9. PFOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
10. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0							0.0
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
12. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	0.0							0.0
13. NSC (MW)	220	220	220	220	220	220							220
14. OPR BTU(GBTU)	1618.4199	1269.9630	1400.1867	1131.8212	94.1340	1249.0334							6763.5582
15. NET GEN (MWH)	164199	127694	137804	118079	2883	131352							682011
16. ANOHR BTU/KWH	9856	9945	10161	9585	32651	9509							9917
17. NOF (%)	100.3	96.8	100.3	100.5	17.3	90.9							95.8
18. NPC (MW)	220	220	220	220	220	220							220
19. ANOHR EQUATION	ANOHR = NOF (-22.73) + (12,327)												

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ORIGINAL SHEET NO. 8.401.16A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BAYSIDE UNIT 1	JAN 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	2016
1. EAF (%)	100.0	61.5	99.7	99.3	98.4	96.6							92.9
2. PH	744	696	743	720	744	720							4367
3. SH	744.0	444.6	743.0	718.4	744.0	720.0							4114.0
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
5. UH	0.0	251.4	0.0	1.6	0.0	0.0							253.0
6. POH	0.0	251.4	0.0	0.0	0.0	0.0							251.4
7. FOH	0.0	0.0	0.0	1.6	0.0	0.0							1.6
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
9. PFOH	0.2	0.1	7.1	2.1	36.7	0.0							46.1
10. LR PF (MW)	0.0	264.0	264.0	233.7	233.7	0.0							237.5
11. PMOH	0.0	49.3	0.0	9.2	0.0	74.3							132.9
12. LR PM (MW)	0.0	264.0	0.0	233.7	0.0	233.7							244.9
13. NSC (MW)	792	792	792	701	701	701							744
14. OPR BTU(GBTU)	2779.4750	1731.2720	2788.0910	2819.1310	2445.9590	2617.2940							15181.2220
15. NET GEN (MWH)	377266	231967	368785	376751	332398	351323							2038490
16. ANOHR (BTU/KWH)	7367	7463	7560	7483	7359	7450							7447
17. NOF (%)	64.0	65.9	62.7	74.8	63.7	69.6							66.6
18. NPC (MW)	792	792	792	701	701	701							747
19. ANOHR EQUATION	ANOHR = NOF	(-12.11)	+ (8,099)										

ORIGINAL SHEET NO. 8.401.16A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BAYSIDE UNIT 2	JAN 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	2016
1. EAF (%)	98.0	84.6	49.8	94.5	99.0	91.4							86.0
2. PH	744	696	743	720	744	720							4367
3. SH	744.0	647.6	487.8	711.3	744.0	714.0							4048.8
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
5. UH	0.0	48.4	255.2	8.7	0.0	6.0							318.2
6. POH	0.0	48.4	255.2	0.0	0.0	0.0							303.5
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
8. MOH	0.0	0.0	0.0	8.7	0.0	6.0							14.7
9. PFOH	0.3	10.3	52.3	0.0	42.0	151.9							256.7
10. LR PF (MW)	261.8	261.8	261.8	0.0	2.5	232.3							201.8
11. PMOH	58.6	224.5	478.0	123.3	29.1	72.8							986.3
12. LR PM (MW)	261.8	261.8	229.5	232.3	232.3	232.3							239.4
13. NSC (MW)	1047	1047	1047	929	929	929							984
14. OPR BTU(GBTU)	3309.0280	3268.1750	1691.5940	3466.4640	3112.4070	3215.3450							18063.0130
15. NET GEN (MWH)	448880	437523	218662	459495	420466	430613							2415639
16. ANOHR (BTU/KWH)	7372	7470	7736	7544	7402	7467							7478
17. NOF (%)	57.6	64.5	42.8	69.5	60.8	64.9							60.6
18. NPC (MW)	1047	1047	1047	929	929	929							988
19. ANOHR EQUATION	ANOHR = NOF	(-8.68) + (7,949)											

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**Tampa Electric Company
Outage Listing
(06/01/2016 - 06/30/2016)**

Unit:		BIG BEND 1		MDC:		410		Run Date:		7/11/2016	
Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description	
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC	
49	Partial Forced Immed	06/04/2016	10:30:00	06/05/2016	00:01:00	13.52	400	8551	POLL	Precipitator TR sets failed/ out of service	
50	Partial Forced Immed	06/06/2016	12:12:00	06/06/2016	17:33:00	5.35	390	8760	CEM	Excessive precipitation affecting opacity monitor	
51	Partial Forced Immed	06/07/2016	07:37:00	06/07/2016	10:39:00	3.03	390	8551	POLL	Precipitator TR sets failed/ out of service	
52	Noncurtailing	06/08/2016	02:45:00	06/08/2016	07:45:00	5	335	0331	BLR	A Mill train coal leak repairs	
53	Noncurtailing	06/08/2016	08:39:00	06/08/2016	12:46:00	4.12	360	0250	BLR	C1 Coal feeder drag chain repair	
55	Noncurtailing	06/08/2016	12:46:00	06/09/2016	18:00:00	29.23	250	9270	EXTL	Wet coal	
56	Noncurtailing	06/09/2016	18:00:00	06/10/2016	06:00:00	12	260	9270	EXTL	Wet coal	
57	Partial Forced Immed	06/10/2016	06:00:00	06/10/2016	15:00:00	9	365	4611	GEN	High H2 Temps	
58	Partial Forced Immed	06/10/2016	15:00:00	06/13/2016	01:30:00	58.5	380	4611	GEN	High H2 Temps	
59	Noncurtailing	06/13/2016	01:30:00	06/13/2016	03:50:00	2.33	360	0340	BLR	Mill peaking	
60	Partial Forced Immed	06/13/2016	03:50:00	06/13/2016	17:00:00	13.17	380	4611	GEN	High H2 Temps	
61	Partial Forced Immed	06/13/2016	17:00:00	06/13/2016	22:48:00	5.8	330	4611	GEN	High H2 Temps	
65	Planned Derating	06/13/2016	22:48:00	06/24/2016	00:00:00	241.2	335	1350	BLR	Operating at reduced steam header (1800#) for unit re	
66	Partial Maintenance	06/24/2016	00:00:00	06/24/2016	01:15:00	1.25	165	4268	TURB	Main Turbine valve testing	
67	Planned Derating	06/24/2016	01:15:00	06/30/2016	23:11:00	165.93	335	1350	BLR	Operating at reduced steam header (1800#) for unit re	
68	Noncurtailing	06/30/2016	23:11:00	07/01/2016	01:24:00	0.82	270	0300	BLR	C Mill motor oil change	

**Tampa Electric Company
Outage Listing
(06/01/2016 - 06/30/2016)**

Unit:		BIG BEND 2		MDC:		410		Run Date:		7/11/2016	
Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description	
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC	
29	Planned Outage	03/24/2016	19:00:00	06/04/2016	18:02:00	90.03	0	3975	BLPT	DCS upgrade	
31	Full Forced Immed	06/04/2016	18:15:00	06/04/2016	22:08:00	3.88	0	4302	TURB	Turbine trip testing	
32	Full Forced Immed	06/04/2016	23:50:00	06/05/2016	01:25:00	1.58	0	4302	TURB	Electrical trip testing	
33	Full Forced Immed	06/05/2016	06:52:00	06/05/2016	10:43:00	3.85	0	0359	BLR	Gas pressure high limit trip	
34	Full Forced Immed	06/05/2016	22:26:00	06/05/2016	23:52:00	1.43	0	0359	BLR	Igniter gas regulator malfunction	
35	Partial Forced Immed	06/05/2016	23:52:00	06/07/2016	10:00:00	34.13	115	3240	BLPT	A Cooling tower fan gearbox failure	
36	Partial Forced Immed	06/07/2016	10:00:00	06/07/2016	14:30:00	4.5	120	3240	BLPT	A Cooling tower fan gearbox failure	
37	Partial Forced Immed	06/07/2016	14:30:00	06/09/2016	00:01:00	33.52	125	3240	BLPT	A Cooling tower fan gearbox failure	
38	Partial Forced Immed	06/09/2016	00:01:00	06/11/2016	06:14:00	54.22	130	3240	BLPT	A Cooling tower fan gearbox failure	
40	Full Forced Immed	06/11/2016	06:14:00	06/22/2016	07:58:00	265.73	0	3110	COND	Elevated Condenser and Main Steam sodium indicatio	
41	Partial Forced Immed	06/22/2016	16:15:00	06/22/2016	16:45:00	0.5	390	0270	BLR	B1 Mill bypass dampper stuck and C mill coal flow prot	
42	Partial Forced Immed	06/22/2016	16:45:00	06/22/2016	19:30:00	2.75	410	0270	BLR	B1 Mill bypass dampper stuck and C mill coal flow prot	
43	Noncurtailing	06/22/2016	19:30:00	06/23/2016	07:40:00	12.17	260	0313	BLR	A Mill has a bad seal	
44	Noncurtailing	06/23/2016	22:40:00	06/24/2016	10:30:00	11.83	250	0313	BLR	B1 Mill seal replacement	
45	Partial Forced Immed	06/24/2016	17:00:00	06/24/2016	18:13:00	1.22	400	3299	BLPT	Condenser low vacuum indication	
46	Partial Forced Immed	06/24/2016	18:13:00	06/24/2016	20:00:00	1.78	390	3299	BLPT	Condenser low vacuum indication	
47	Partial Forced Immed	06/24/2016	20:00:00	06/25/2016	00:10:00	4.17	400	3299	BLPT	Condenser low vacuum indication	
48	Partial Forced Immed	06/25/2016	21:30:00	06/25/2016	22:30:00	1	390	8551	POLL	Precipitator TR sets failed/ out of service	

**Tampa Electric Company
Outage Listing
(06/01/2016 - 06/30/2016)**

Unit: BIG BEND 3 MDC: 420 Run Date: 7/11/2016

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
38	Full Forced Delayed	05/24/2016	04:15:00	06/04/2016	15:22:00	87.37	0	1050	BLR	Boiler tube leak
39	Partial Forced Immed	06/04/2016	21:00:00	06/05/2016	17:27:00	20.45	180	3211	BLPT	B Circulator motor grounded
40	Full Forced Immed	06/05/2016	17:27:00	06/05/2016	19:48:00	2.35	0	1799	BLR	MFT (cause unknown)
41	Partial Forced Immed	06/05/2016	19:48:00	06/08/2016	14:25:00	66.62	200	3211	BLPT	B Circulator motor grounded
42	Partial Forced Immed	06/08/2016	14:25:00	06/09/2016	06:30:00	16.08	225	3211	BLPT	B Circulator motor grounded
43	Partial Forced Immed	06/09/2016	06:30:00	06/10/2016	09:03:00	26.55	245	3211	BLPT	B Circulator motor grounded
44	Partial Forced Immed	06/10/2016	09:03:00	06/11/2016	05:30:00	20.45	255	3211	BLPT	B Circulator motor grounded
45	Partial Forced Immed	06/11/2016	05:30:00	06/16/2016	18:35:00	133.08	250	3211	BLPT	B Circulator motor grounded
46	Partial Forced Immed	06/16/2016	18:35:00	06/16/2016	21:20:00	2.75	245	3211	BLPT	B Circulator motor grounded
47	Partial Forced Immed	06/16/2016	21:20:00	06/18/2016	01:15:00	27.92	250	3211	BLPT	B Circulator motor grounded
48	Partial Forced Immed	06/18/2016	01:15:00	06/18/2016	02:46:00	1.52	215	3240	BLPT	B Cooling tower fan tripped
49	Full Forced Immed	06/18/2016	02:46:00	06/18/2016	04:48:00	2.03	0	3412	BLPT	BFPT Governor valve test failure
50	Partial Forced Immed	06/18/2016	04:48:00	06/24/2016	01:40:00	140.87	250	3211	BLPT	B Circulator motor grounded
51	Partial Forced Immed	06/24/2016	06:30:00	06/24/2016	13:40:00	7.17	250	3270	BLPT	B Debris filter malfunction
52	Partial Maintenance	06/24/2016	21:30:00	06/24/2016	21:53:00	0.38	250	4268	TURB	Main Turbine valve testing
53	Full Forced Immed	06/25/2016	14:20:00	06/25/2016	19:52:00	5.53	0	3670	BLPT	3B ID fan 13.8 kv transformer fault
54	Partial Forced Immed	06/25/2016	19:52:00	07/05/2016	07:00:00	124.13	300	3670	BLPT	3B ID fan 13.8 kv transformer fault. Co-firing with gas.

**Tampa Electric Company
Outage Listing
(06/01/2016 - 06/30/2016)**

Unit: BIG BEND 4 MDC: 470 Run Date: 7/11/2016

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
83	Noncurtailing	05/31/2016	12:00:00	06/06/2016	06:16:00	126.27	360	8260	POLL D Booster fan inlet vane stuck	
84	Partial Forced Immed	06/06/2016	06:16:00	06/06/2016	09:20:00	3.07	300	8551	POLL Precipitator TR sets failed/ out of service	
85	Partial Forced Immed	06/06/2016	09:20:00	06/06/2016	11:26:00	2.1	320	8551	POLL Precipitator TR sets failed/ out of service	
86	Partial Forced Immed	06/06/2016	11:26:00	06/06/2016	16:21:00	4.92	300	8551	POLL Precipitator TR sets failed/ out of service	
87	Partial Forced Immed	06/06/2016	16:21:00	06/07/2016	07:10:00	14.82	360	8260	POLL D Booster fan inlet vane stuck	
88	Partial Forced Immed	06/07/2016	07:10:00	06/07/2016	07:18:00	0.13	300	8760	CEM CEM monitor failed	
89	Partial Forced Immed	06/07/2016	07:18:00	06/12/2016	14:36:00	127.3	360	8260	POLL D Booster fan inlet vane stuck	
90	Partial Forced Immed	06/12/2016	14:36:00	06/13/2016	00:20:00	9.73	300	8551	POLL Precipitator TR sets failed/ out of service	
91	Partial Forced Immed	06/13/2016	00:20:00	06/13/2016	17:00:00	16.67	285	4261	TURB CV2 stuck while performing valve test	
92	Partial Forced Immed	06/13/2016	17:00:00	06/14/2016	06:30:00	13.5	300	4261	TURB CV2 stuck	
93	Partial Forced Immed	06/14/2016	06:30:00	06/14/2016	11:30:00	5	330	8551	POLL Precipitator TR sets failed/ out of service	
94	Partial Forced Immed	06/14/2016	11:30:00	06/15/2016	00:01:00	12.52	320	8551	POLL Precipitator TR sets failed/ out of service	
95	Partial Forced Immed	06/15/2016	00:01:00	06/19/2016	03:30:00	99.48	320	8551	POLL Precipitator TR sets failed/ out of service	
96	Partial Forced Immed	06/19/2016	03:30:00	06/19/2016	22:00:00	18.5	340	8551	POLL Precipitator TR sets failed/ out of service	
97	Partial Forced Immed	06/19/2016	22:00:00	06/21/2016	19:04:00	45.07	355	8551	POLL Precipitator TR sets failed/ out of service	
98	Partial Forced Immed	06/21/2016	19:04:00	06/22/2016	00:01:00	4.95	345	8551	POLL Precipitator TR sets failed/ out of service	
99	Partial Forced Immed	06/22/2016	00:01:00	06/22/2016	15:20:00	15.32	355	8551	POLL Precipitator TR sets failed/ out of service	
100	Partial Forced Immed	06/22/2016	15:20:00	06/22/2016	15:50:00	0.5	345	8551	POLL Precipitator TR sets failed/ out of service	
101	Partial Forced Immed	06/22/2016	15:50:00	06/22/2016	17:10:00	1.33	340	8551	POLL Precipitator TR sets failed/ out of service	
102	Partial Forced Immed	06/22/2016	17:10:00	06/22/2016	18:00:00	0.83	335	8551	POLL Precipitator TR sets failed/ out of service	
103	Partial Forced Immed	06/22/2016	18:00:00	06/23/2016	08:00:00	14	330	8551	POLL Precipitator TR sets failed/ out of service	
104	Partial Forced Immed	06/23/2016	08:00:00	06/23/2016	23:00:00	15	320	8551	POLL Precipitator TR sets failed/ out of service	
105	Partial Forced Immed	06/23/2016	23:00:00	06/24/2016	03:16:00	4.27	290	8551	POLL Precipitator TR sets failed/ out of service	
106	Partial Forced Immed	06/24/2016	03:16:00	06/24/2016	17:10:00	13.9	300	8551	POLL Precipitator TR sets failed/ out of service	
107	Partial Forced Immed	06/24/2016	17:10:00	06/26/2016	00:19:00	31.15	285	8551	POLL Precipitator TR sets failed/ out of service	
108	Maintenance Outage	06/26/2016	00:19:00	07/04/2016	11:01:00	119.68	0	1000	BLR Tube leak	

**Tampa Electric Company
Outage Listing
(06/01/2016 - 06/30/2016)**

Unit: POLK 1 MDC: 290 Run Date: 7/11/2016

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
16	Partial Forced Immed	05/26/2016	10:00:00	06/01/2016	18:54:00	18.9	200	5049	GAST	ASU Adsorbers breakthru for 6hour, Defrost required
17	Partial Forced Immed	06/02/2016	01:08:00	06/02/2016	03:37:00	2.48	195	5049	GAST	Syngas Y strainer required cleaning
18	Partial Forced Immed	06/02/2016	09:32:00	06/03/2016	08:05:00	0.02	200	5049	GAST	2A, Main Burner Flange leak
18	Partial Forced Immed	06/02/2016	09:32:00	06/03/2016	08:05:00	0.9	200	5049	GAST	2A, Main Burner Flange leak
18	Partial Forced Immed	06/02/2016	09:32:00	06/03/2016	08:05:00	21.63	200	5049	GAST	2A, Main Burner Flange leak
19	Partial Forced Immed	06/02/2016	09:33:00	06/02/2016	10:27:00	0.9	150	4499	TURB	Loss of Vacuum with Gasifier trip
20	Partial Forced Immed	06/05/2016	09:25:00	06/05/2016	11:45:00	2.33	200	5049	GAST	Clean Syngas Y strainer
21	Full Forced Immed	06/05/2016	14:33:00	06/06/2016	04:00:00	13.45	0	9300	EXTL	Pk3 230kV Brkrs opened, tripped Cooling Tower...ga:
22	Partial Forced Immed	06/05/2016	14:33:00	06/08/2016	13:05:00	13.45	200	9300	EXTL	Pk3 230kv Brkrs open, tripped cooling tower, tripped N
22	Partial Forced Immed	06/05/2016	14:33:00	06/08/2016	13:05:00	49.37	200	9300	EXTL	Pk3 230kv Brkrs open, tripped cooling tower, tripped N
22	Partial Forced Immed	06/05/2016	14:33:00	06/08/2016	13:05:00	7.72	200	9300	EXTL	Pk3 230kv Brkrs open, tripped cooling tower, tripped N
23	Reserve Shutdown	06/06/2016	04:00:00	06/08/2016	05:22:00	49.37	0	0000	UNKN	RESERVE SHUTDOWN
24	Partial Forced Immed	06/15/2016	23:06:00	06/16/2016	02:36:00	3.5	200	5049	GAST	Syngas Y strainer cleaned
25	Partial Forced Immed	06/18/2016	10:48:00	06/21/2016	20:46:00	81.97	200	5049	GAST	7G IPAT Tower Leak on Strong Acid Outlet
26	Partial Forced Immed	06/27/2016	23:30:00	06/28/2016	02:00:00	2.5	200	5049	GAST	Syngas y strainer cleaned

**Tampa Electric Company
Outage Listing
(06/01/2016 - 06/30/2016)**

Unit:	BAYSIDE ST1	MDC:	236							Run Date:	7/11/2016
Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description	
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EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC	

**Tampa Electric Company
Outage Listing
(06/01/2016 - 06/30/2016)**

Unit: BAYSIDE CT1A MDC: 158 Run Date: 7/11/2016

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
76	Reserve Shutdown	06/01/2016	00:50:00	06/01/2016	09:26:00	8.6	0	0000	UNKN	RESERVE SHUTDOWN
77	Reserve Shutdown	06/01/2016	22:11:00	06/02/2016	06:35:00	8.4	0	0000	UNKN	RESERVE SHUTDOWN
78	Maintenance Outage	06/02/2016	22:21:00	06/03/2016	07:47:00	9.43	0	5272	GAST	Borescope Inspection.
79	Reserve Shutdown	06/03/2016	07:48:00	06/03/2016	09:07:00	1.32	0	0000	UNKN	RESERVE SHUTDOWN
80	Reserve Shutdown	06/04/2016	01:19:00	06/04/2016	08:46:00	7.45	0	0000	UNKN	RESERVE SHUTDOWN
81	Reserve Shutdown	06/06/2016	00:33:00	06/06/2016	07:29:00	6.93	0	0000	UNKN	RESERVE SHUTDOWN
82	Reserve Shutdown	06/10/2016	17:43:00	06/11/2016	08:34:00	14.85	0	0000	UNKN	RESERVE SHUTDOWN
83	Reserve Shutdown	06/11/2016	22:42:00	06/12/2016	08:35:00	9.88	0	0000	UNKN	RESERVE SHUTDOWN
84	Reserve Shutdown	06/12/2016	22:36:00	06/13/2016	05:59:00	7.38	0	0000	UNKN	RESERVE SHUTDOWN
85	Reserve Shutdown	06/13/2016	23:00:00	06/14/2016	08:14:00	9.23	0	0000	UNKN	RESERVE SHUTDOWN
86	Reserve Shutdown	06/17/2016	22:12:00	06/18/2016	09:33:00	11.35	0	0000	UNKN	RESERVE SHUTDOWN
87	Reserve Shutdown	06/19/2016	20:10:00	06/20/2016	07:46:00	11.6	0	0000	UNKN	RESERVE SHUTDOWN
88	Reserve Shutdown	06/21/2016	00:03:00	06/21/2016	10:50:00	10.78	0	0000	UNKN	RESERVE SHUTDOWN
89	Reserve Shutdown	06/22/2016	01:39:00	06/22/2016	11:44:00	10.08	0	0000	UNKN	RESERVE SHUTDOWN
90	Reserve Shutdown	06/23/2016	00:02:00	06/23/2016	00:38:00	0.6	0	0000	UNKN	RESERVE SHUTDOWN
91	Maintenance Outage	06/23/2016	00:39:00	06/23/2016	09:03:00	8.4	0	5109	GAST	R/R Inlet Bleed Heat AOV
92	Reserve Shutdown	06/23/2016	09:04:00	06/23/2016	10:22:00	1.3	0	0000	UNKN	RESERVE SHUTDOWN
93	Reserve Shutdown	06/24/2016	22:16:00	06/25/2016	07:36:00	9.33	0	0000	UNKN	RESERVE SHUTDOWN
94	Reserve Shutdown	06/27/2016	00:22:00	06/27/2016	09:53:00	9.52	0	0000	UNKN	RESERVE SHUTDOWN
95	Reserve Shutdown	06/28/2016	01:17:00	06/28/2016	08:19:00	7.03	0	0000	UNKN	RESERVE SHUTDOWN
96	Reserve Shutdown	06/29/2016	00:04:00	06/29/2016	09:38:00	9.57	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(06/01/2016 - 06/30/2016)**

Unit: BAYSIDE CT1B MDC: 158 Run Date: 7/11/2016

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
60	Reserve Shutdown	06/02/2016	23:52:00	06/03/2016	06:51:00	6.98	0	0000	UNKN	RESERVE SHUTDOWN
61	Maintenance Outage	06/04/2016	22:43:00	06/05/2016	07:20:00	8.62	0	5016	GAST	Repairs to Inlet Bleed Heat Valve
62	Reserve Shutdown	06/05/2016	07:21:00	06/05/2016	08:52:00	1.52	0	0000	UNKN	RESERVE SHUTDOWN
63	Reserve Shutdown	06/06/2016	22:12:00	06/07/2016	06:12:00	8	0	0000	UNKN	RESERVE SHUTDOWN
64	Reserve Shutdown	06/08/2016	23:02:00	06/09/2016	05:55:00	6.88	0	0000	UNKN	RESERVE SHUTDOWN
65	Reserve Shutdown	06/09/2016	20:35:00	06/10/2016	09:40:00	13.08	0	0000	UNKN	RESERVE SHUTDOWN
66	Reserve Shutdown	06/10/2016	22:13:00	06/11/2016	10:12:00	11.98	0	0000	UNKN	RESERVE SHUTDOWN
67	Reserve Shutdown	06/12/2016	01:04:00	06/12/2016	10:33:00	9.48	0	0000	UNKN	RESERVE SHUTDOWN
68	Reserve Shutdown	06/13/2016	00:38:00	06/13/2016	08:57:00	8.32	0	0000	UNKN	RESERVE SHUTDOWN
69	Reserve Shutdown	06/14/2016	23:50:00	06/15/2016	09:59:00	10.15	0	0000	UNKN	RESERVE SHUTDOWN
70	Reserve Shutdown	06/15/2016	22:06:00	06/16/2016	06:18:00	8.2	0	0000	UNKN	RESERVE SHUTDOWN
71	Reserve Shutdown	06/16/2016	23:01:00	06/17/2016	08:19:00	9.3	0	0000	UNKN	RESERVE SHUTDOWN
72	Reserve Shutdown	06/18/2016	00:15:00	06/18/2016	10:27:00	10.2	0	0000	UNKN	RESERVE SHUTDOWN
73	Reserve Shutdown	06/18/2016	23:12:00	06/19/2016	09:54:00	10.7	0	0000	UNKN	RESERVE SHUTDOWN
74	Maintenance Outage	06/24/2016	20:28:00	06/25/2016	22:20:00	25.87	0	5272	GAST	Maintenance outage for borescope inspection of the Ir
75	Reserve Shutdown	06/25/2016	22:21:00	06/26/2016	07:39:00	9.3	0	0000	UNKN	RESERVE SHUTDOWN
76	Reserve Shutdown	06/28/2016	02:20:00	06/28/2016	09:19:00	6.98	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(06/01/2016 - 06/30/2016)**

Unit: BAYSIDE CT1C		MDC: 158						Run Date: 7/11/2016		
Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
72	Reserve Shutdown	06/01/2016	00:00:00	06/01/2016	06:24:00	6.4	0	0000	UNKN	RESERVE SHUTDOWN
73	Reserve Shutdown	06/01/2016	22:37:00	06/02/2016	09:31:00	10.9	0	0000	UNKN	RESERVE SHUTDOWN
74	Reserve Shutdown	06/07/2016	00:19:00	06/07/2016	12:37:00	12.3	0	0000	UNKN	RESERVE SHUTDOWN
75	Reserve Shutdown	06/07/2016	22:06:00	06/08/2016	05:11:00	7.08	0	0000	UNKN	RESERVE SHUTDOWN
76	Reserve Shutdown	06/09/2016	00:50:00	06/09/2016	09:45:00	8.92	0	0000	UNKN	RESERVE SHUTDOWN
77	Reserve Shutdown	06/10/2016	00:59:00	06/10/2016	10:36:00	9.62	0	0000	UNKN	RESERVE SHUTDOWN
78	Reserve Shutdown	06/16/2016	01:37:00	06/16/2016	09:42:00	8.08	0	0000	UNKN	RESERVE SHUTDOWN
79	Reserve Shutdown	06/19/2016	23:37:00	06/20/2016	10:42:00	11.08	0	0000	UNKN	RESERVE SHUTDOWN
80	Maintenance Outage	06/25/2016	20:40:00	06/26/2016	18:39:00	21.98	0	5109	GAST	1C Unavailable for Wheel Space Thermocouple maint
81	Reserve Shutdown	06/26/2016	18:40:00	06/27/2016	06:08:00	11.47	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(06/01/2016 - 06/30/2016)**

Unit: BAYSIDE ST2 MDC: 308 Run Date: 7/11/2016

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
8	Maintenance Outage	06/29/2016	23:12:00	06/30/2016	05:12:00	6	0	3801	BLPT	Weld repair to Auxiliary Cooling Water Line.

**Tampa Electric Company
Outage Listing
(06/01/2016 - 06/30/2016)**

Unit: BAYSIDE CT2A		MDC: 158		Run Date: 7/11/2016						
Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
75	Maintenance Outage	06/03/2016	21:14:00	06/04/2016	08:46:00	11.53	0	5109	GAST	Insulation repairs to 2A Exhaust Plenum
76	Reserve Shutdown	06/04/2016	08:47:00	06/04/2016	09:56:00	1.15	0	0000	UNKN	RESERVE SHUTDOWN
77	Full Forced Immed	06/04/2016	09:57:00	06/04/2016	12:07:00	2.17	0	5017	GAST	Failure of Compressor Bleed Valve #3 to close.
78	Reserve Shutdown	06/04/2016	12:08:00	06/04/2016	12:30:00	0.37	0	0000	UNKN	RESERVE SHUTDOWN
79	Full Forced Immed	06/04/2016	18:37:00	06/06/2016	06:10:00	35.55	0	5109	GAST	Emergency stop due to high temperature in the exhaus
80	Reserve Shutdown	06/06/2016	06:11:00	06/06/2016	08:58:00	2.78	0	0000	UNKN	RESERVE SHUTDOWN
81	Full Forced Immed	06/08/2016	19:09:00	06/10/2016	12:19:00	41.17	0	5109	GAST	Further repairs to the Exhaust Plenum Expansion Joint
82	Reserve Shutdown	06/10/2016	12:20:00	06/10/2016	12:43:00	0.38	0	0000	UNKN	RESERVE SHUTDOWN
83	Reserve Shutdown	06/11/2016	01:31:00	06/11/2016	12:21:00	10.83	0	0000	UNKN	RESERVE SHUTDOWN
84	Reserve Shutdown	06/12/2016	00:01:00	06/12/2016	11:10:00	11.15	0	0000	UNKN	RESERVE SHUTDOWN
85	Reserve Shutdown	06/14/2016	01:14:00	06/14/2016	10:17:00	9.05	0	0000	UNKN	RESERVE SHUTDOWN
86	Reserve Shutdown	06/19/2016	00:51:00	06/19/2016	12:20:00	11.48	0	0000	UNKN	RESERVE SHUTDOWN
87	Reserve Shutdown	06/22/2016	00:00:00	06/22/2016	10:36:00	10.6	0	0000	UNKN	RESERVE SHUTDOWN
88	Reserve Shutdown	06/24/2016	00:28:00	06/24/2016	10:10:00	9.7	0	0000	UNKN	RESERVE SHUTDOWN
89	Reserve Shutdown	06/25/2016	01:24:00	06/25/2016	09:18:00	7.9	0	0000	UNKN	RESERVE SHUTDOWN
90	Maintenance Outage	06/26/2016	16:39:00	06/27/2016	18:00:00	25.35	0	5272	GAST	Scheduled borescope inspection.
91	Reserve Shutdown	06/27/2016	18:01:00	06/28/2016	06:57:00	12.93	0	0000	UNKN	RESERVE SHUTDOWN
92	Full Forced Immed	06/28/2016	06:58:00	06/28/2016	09:43:00	2.75	0	4899	GEN	Generator failure to synch to the grid.

**Tampa Electric Company
Outage Listing
(06/01/2016 - 06/30/2016)**

Unit: BAYSIDE CT2B MDC: 158 Run Date: 7/11/2016

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
82	Reserve Shutdown	06/01/2016	00:00:00	06/01/2016	10:29:00	10.48	0	0000	UNKN	RESERVE SHUTDOWN
83	Reserve Shutdown	06/02/2016	00:58:00	06/02/2016	09:59:00	9.02	0	0000	UNKN	RESERVE SHUTDOWN
84	Reserve Shutdown	06/03/2016	22:51:00	06/04/2016	06:40:00	7.82	0	0000	UNKN	RESERVE SHUTDOWN
85	Reserve Shutdown	06/06/2016	23:27:00	06/07/2016	09:01:00	9.57	0	0000	UNKN	RESERVE SHUTDOWN
86	Reserve Shutdown	06/08/2016	00:49:00	06/08/2016	10:02:00	9.22	0	0000	UNKN	RESERVE SHUTDOWN
87	Reserve Shutdown	06/08/2016	22:11:00	06/09/2016	08:21:00	10.17	0	0000	UNKN	RESERVE SHUTDOWN
88	Reserve Shutdown	06/11/2016	00:29:00	06/11/2016	09:19:00	8.83	0	0000	UNKN	RESERVE SHUTDOWN
89	Reserve Shutdown	06/14/2016	23:00:00	06/15/2016	06:32:00	7.53	0	0000	UNKN	RESERVE SHUTDOWN
90	Reserve Shutdown	06/20/2016	23:22:00	06/21/2016	12:19:00	12.95	0	0000	UNKN	RESERVE SHUTDOWN
91	Reserve Shutdown	06/21/2016	22:49:00	06/22/2016	09:24:00	10.58	0	0000	UNKN	RESERVE SHUTDOWN
92	Full Forced Immed	06/22/2016	11:27:00	06/25/2016	09:43:00	70.27	0	5109	GAST	Failure of Exhaust Plenum expansion joint caused high
93	Reserve Shutdown	06/25/2016	09:44:00	06/25/2016	10:37:00	0.88	0	0000	UNKN	RESERVE SHUTDOWN
94	Reserve Shutdown	06/26/2016	17:25:00	06/27/2016	08:28:00	15.05	0	0000	UNKN	RESERVE SHUTDOWN
95	Reserve Shutdown	06/29/2016	23:11:00	06/30/2016	10:19:00	11.13	0	0000	UNKN	RESERVE SHUTDOWN
96	Reserve Shutdown	06/30/2016	18:50:00	06/30/2016	23:59:00	5.15	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(06/01/2016 - 06/30/2016)**

Unit: BAYSIDE CT2C MDC: 158 Run Date: 7/11/2016

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
71	Reserve Shutdown	06/01/2016	00:01:00	06/01/2016	08:36:00	8.58	0	0000	UNKN RESERVE SHUTDOWN	
72	Reserve Shutdown	06/01/2016	23:44:00	06/02/2016	09:04:00	9.33	0	0000	UNKN RESERVE SHUTDOWN	
73	Reserve Shutdown	06/06/2016	01:57:00	06/06/2016	11:00:00	9.05	0	0000	UNKN RESERVE SHUTDOWN	
74	Reserve Shutdown	06/07/2016	23:00:00	06/08/2016	06:34:00	7.57	0	0000	UNKN RESERVE SHUTDOWN	
75	Reserve Shutdown	06/09/2016	22:31:00	06/10/2016	05:40:00	7.15	0	0000	UNKN RESERVE SHUTDOWN	
76	Reserve Shutdown	06/10/2016	19:14:00	06/11/2016	06:41:00	11.45	0	0000	UNKN RESERVE SHUTDOWN	
77	Reserve Shutdown	06/11/2016	22:02:00	06/12/2016	09:32:00	11.5	0	0000	UNKN RESERVE SHUTDOWN	
78	Reserve Shutdown	06/12/2016	23:29:00	06/13/2016	09:49:00	10.33	0	0000	UNKN RESERVE SHUTDOWN	
79	Reserve Shutdown	06/15/2016	01:08:00	06/15/2016	08:40:00	7.53	0	0000	UNKN RESERVE SHUTDOWN	
80	Reserve Shutdown	06/15/2016	22:29:00	06/16/2016	08:57:00	10.47	0	0000	UNKN RESERVE SHUTDOWN	
81	Reserve Shutdown	06/16/2016	22:06:00	06/17/2016	05:47:00	7.68	0	0000	UNKN RESERVE SHUTDOWN	
82	Reserve Shutdown	06/18/2016	21:35:00	06/19/2016	09:09:00	11.57	0	0000	UNKN RESERVE SHUTDOWN	
83	Reserve Shutdown	06/19/2016	22:32:00	06/20/2016	12:51:00	14.32	0	0000	UNKN RESERVE SHUTDOWN	
84	Reserve Shutdown	06/20/2016	22:15:00	06/21/2016	09:47:00	11.53	0	0000	UNKN RESERVE SHUTDOWN	
85	Reserve Shutdown	06/21/2016	22:08:00	06/22/2016	07:29:00	9.35	0	0000	UNKN RESERVE SHUTDOWN	
86	Reserve Shutdown	06/22/2016	22:51:00	06/23/2016	09:38:00	10.78	0	0000	UNKN RESERVE SHUTDOWN	
87	Reserve Shutdown	06/24/2016	23:39:00	06/25/2016	08:03:00	8.4	0	0000	UNKN RESERVE SHUTDOWN	
88	Reserve Shutdown	06/26/2016	01:45:00	06/26/2016	09:56:00	8.18	0	0000	UNKN RESERVE SHUTDOWN	
89	Maintenance Outage	06/27/2016	23:38:00	06/28/2016	18:40:00	19.03	0	5272	GAST Scheduled borescope inspection.	
90	Reserve Shutdown	06/28/2016	18:41:00	06/29/2016	06:30:00	11.82	0	0000	UNKN RESERVE SHUTDOWN	
91	Reserve Shutdown	06/29/2016	22:28:00	06/30/2016	10:47:00	12.32	0	0000	UNKN RESERVE SHUTDOWN	
92	Reserve Shutdown	06/30/2016	23:27:00	06/30/2016	23:59:00	0.53	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company
Outage Listing
(06/01/2016 - 06/30/2016)**

Unit: BAYSIDE CT2D MDC: 158 Run Date: 7/11/2016

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
53	Reserve Shutdown	06/05/2016	23:14:00	06/06/2016	06:13:00	6.98	0	0000	UNKN RESERVE SHUTDOWN	
54	Reserve Shutdown	06/06/2016	17:13:00	06/07/2016	04:32:00	11.32	0	0000	UNKN RESERVE SHUTDOWN	
55	Reserve Shutdown	06/11/2016	20:01:00	06/12/2016	05:30:00	9.48	0	0000	UNKN RESERVE SHUTDOWN	
56	Reserve Shutdown	06/12/2016	21:28:00	06/13/2016	07:56:00	10.47	0	0000	UNKN RESERVE SHUTDOWN	
57	Reserve Shutdown	06/14/2016	00:02:00	06/14/2016	09:01:00	8.98	0	0000	UNKN RESERVE SHUTDOWN	
58	Reserve Shutdown	06/17/2016	00:43:00	06/17/2016	09:27:00	8.73	0	0000	UNKN RESERVE SHUTDOWN	
59	Reserve Shutdown	06/18/2016	22:25:00	06/19/2016	11:18:00	12.88	0	0000	UNKN RESERVE SHUTDOWN	
60	Reserve Shutdown	06/19/2016	18:34:00	06/20/2016	09:31:00	14.95	0	0000	UNKN RESERVE SHUTDOWN	
61	Reserve Shutdown	06/20/2016	21:30:00	06/21/2016	06:57:00	9.45	0	0000	UNKN RESERVE SHUTDOWN	
62	Reserve Shutdown	06/23/2016	23:34:00	06/24/2016	09:06:00	9.53	0	0000	UNKN RESERVE SHUTDOWN	
63	Reserve Shutdown	06/25/2016	23:09:00	06/26/2016	09:09:00	10	0	0000	UNKN RESERVE SHUTDOWN	
64	Reserve Shutdown	06/26/2016	23:10:00	06/27/2016	10:30:00	11.33	0	0000	UNKN RESERVE SHUTDOWN	
65	Maintenance Outage	06/28/2016	23:20:00	06/29/2016	16:13:00	16.88	0	5272	GAST	Scheduled borescope inspection.
66	Reserve Shutdown	06/29/2016	16:14:00	06/29/2016	17:01:00	0.78	0	0000	UNKN RESERVE SHUTDOWN	
67	Reserve Shutdown	06/29/2016	21:40:00	06/30/2016	04:22:00	6.7	0	0000	UNKN RESERVE SHUTDOWN	
68	Reserve Shutdown	06/30/2016	22:11:00	06/30/2016	23:59:00	1.8	0	0000	UNKN RESERVE SHUTDOWN	

Tampa Electric Company
Actual Unit Performance
Outage Listing Abbreviations and Descriptions

AGA	Acid Gas Absorber	IP	Intermediate Pressure
APH	Air Preheater	KO	Knock Out
ASU	Air Separation Unit	LCI	Load Commutated Inverter
BFP	Boiler Feed Pump	LOTO	Lock Out Tag Out
BFPT	Boiler Feed Pump Turbine	LOX	Low Oxygen
CO	Carbon Monoxide	LP	Low Pressure
CO ₂	Carbon Dioxide	LVDT	Linear Variable Differential Transducer
COS	Carbonyl Sulfide	MAC	Main Air Compressor
CRH	Cold Reheat	MkVIe	Mark 6e GE Logic Controller
CSC	Convective Syngas Coolers	MOC	Motor Operated Control
CT	Combustion Turbine	MOV	Motor Operated Valve
DA	Deaerator	N ₂	Nitrogen
DCS	Digital Control System	PLC	Programmable Logic Controller
EGT	Exit Gas Temperature	Pp	Pump
EH	Electro Hydraulic	R/R	Remove and replace
FAT	Final Absorber Tower	RATA	Relative Accuracy Test Audit
FD	Forced Draft	RSV	Reheat Stop Valve
Fdwtr	Feed water	RTD	Resistance Temperature Device
FGD	Flue Gas Desulfurization	SAP	Sulfuric Acid Plant
GEHO	Manufacturer of Slurry Pump	ST	Steam Turbine
GTG	Gas Turbine Generator	STARSS	Strategic Anti-Rotating Stall Schedule
HP	High Pressure	T/R	Transformer Rectifier
HRSR	Heat Recovery Steam Generator	TC	Thermocouple
HX	Heat Exchanger	WWTL	Water wall tube leak
IAS	Instrument Air Supply	ZBL	Zero Ball Loss condenser cleaning system
ID	Induced Draft		