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September 26, 2016
ELECTRONIC FILING

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

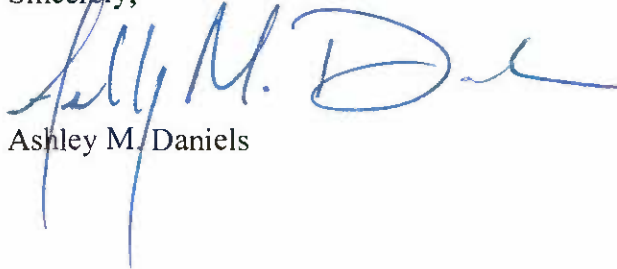
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor; FPSC Docket No. 160001-EI

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 August 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 26th day of September, 2016 to the following:

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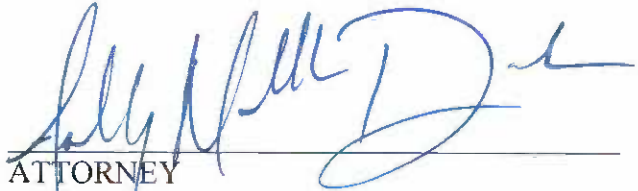
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ATTORNEY

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	93.3	98.1					78.4
2. PH	744	696	743	720	744	720	744	744					5855
3. SH	364.7	569.8	683.5	445.7	516.4	720.0	744.0	744.0					4788.1
4. RSH	0.0	0.0	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	0.0	0.0					1066.9
6. POH	0.0	0.0	0.0	274.3	0.0	0.0	0.0	0.0					274.3
7. FOH	379.3	126.2	59.5	0.0	227.6	0.0	0.0	0.0					792.6
8. MOH	0.0	0.0	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	507.8	0.0					777.5
10. LR PF (MW)	94.0	131.7	23.5	18.8	161.5	28.8	30.4	0.0					46.5
11. PMOH	0.0	0.3	1.0	1.4	6.7	408.4	133.3	21.9					573.0
12. LR PM (MW)	0.0	206.9	214.4	195.0	169.0	70.9	28.7	249.8					69.7
13. NSC (MW)	395	395	395	385	385	385	385	385					388
14. OPR BTU(GBTU)	894.2913	1684.8736	1958.0597	1221.1867	1991.3879	2459.7769	2435.1650	2421.0945					15065.8356
15. NET GEN (MWH)	82135	157430	181868	113374	184974	230382	223155	217261					1390579
16. ANOHR (BTU/KWH)	10888	10702	10766	10771	10766	10677	10912	11144					10834
17. NOF (%)	57.0	69.9	67.4	66.1	93.0	83.1	77.9	75.8					74.8
18. NPC (MW)	395	395	395	385	385	385	385	385					389
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	95.6	86.2					47.0
2. PH	744	696	743	720	744	720	744	744					5855
3. SH	595.3	59.5	570.0	0.0	0.0	353.5	717.0	674.6					2969.9
4. RSH	0.0	0.0	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	27.0	69.4					2885.1
6. POH	0.0	0.0	173.0	720.0	744.0	90.0	0.0	0.0					1727.0
7. FOH	148.7	636.5	0.0	0.0	0.0	276.5	27.0	69.4					1158.1
8. MOH	0.0	0.0	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	22.3	274.0					1193.6
10. LR PF (MW)	31.3	21.9	43.0	0.0	0.0	246.9	15.1	37.5					62.2
11. PMOH	144.3	0.0	50.7	0.0	0.0	0.0	8.4	11.7					215.0
12. LR PM (MW)	19.5	0.0	45.9	0.0	0.0	0.0	230.1	216.0					44.6
13. NSC (MW)	395	395	395	385	385	385	385	385					389
14. OPR BTU(GBTU)	1571.2504	211.3306	1598.3878	0.0000	0.0000	872.0005	2559.9595	2292.1508					9105.0796
15. NET GEN (MWH)	138943	18535	144508	0	0	83401	253184	221287					859858
16. ANOHR (BTU/KWH)	11309	11402	11061	0	0	10456	10111	10358					10589
17. NOF (%)	59.1	78.9	64.2	0.0	0.0	61.3	91.7	85.2					74.4
18. NPC (MW)	395	395	395	385	385	385	385	385					389
19. ANOHR EQUATION	ANOHR = NOF	(-21.73) + (12,462)											

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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
BIG BEND 3	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 (%)	37.8	11.3	53.5	59.3	74.2	52.7	44.6	53.0					48.5
2. PH	744	696	743	720	744	720	744	744					5855
3. SH	201.7	158.5	660.2	675.6	556.3	622.7	476.6	572.3					3923.9
4. RSH	176.3	0.0	71.5	0.0	0.0	0.0	0.0	0.0					247.8
5. UH	366.0	537.5	11.3	44.4	187.8	97.3	267.4	171.7					1683.3
6. POH	313.0	537.5	0.0	0.0	0.0	0.0	0.0	169.0					1019.5
7. FOH	53.0	0.0	0.0	44.4	187.8	97.3	267.4	2.7					652.5
8. MOH	0.0	0.0	11.3	0.0	0.0	0.0	0.0	0.0					11.3
9. PFOH	145.2	158.5	660.2	561.0	91.1	587.6	476.6	572.3					3252.4
10. LR PF (MW)	266.6	202.4	202.4	175.1	9.4	163.2	120.1	122.9					162.0
11. PMOH	0.0	0.0	0.0	0.0	9.2	0.4	0.0	0.0					9.6
12. LR PM (MW)	0.0	0.0	0.0	0.0	84.0	164.7	0.0	0.0					87.2
13. NSC (MW)	400	400	400	395	395	395	395	395					396
14. OPR BTU(GBTU)	405.2481	234.3710	1060.7180	1369.1591	2157.6237	1497.1691	1349.7902	1617.0674					9691.1467
15. NET GEN (MWH)	34135	21494	100847	131589	204773	139051	122309	148589					902787
16. ANOHR BTU/KWH	11872	10904	10518	10405	10537	10767	11036	10883					10735
17. NOF (%)	42.3	33.9	38.2	49.3	93.2	56.5	65.0	65.7					58.1
18. NPC (MW)	400	400	400	395	395	395	395	395					397
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
BIG BEND 4	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 (%)	92.7	73.4	63.1	68.1	92.3	63.4	74.2	69.6					74.7
2. PH	744	696	743	720	744	720	744	744					5855
3. SH	744.0	648.9	469.6	551.0	691.5	600.3	640.3	536.7					4882.3
4. RSH	0.0	0.0	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	103.8	207.3					972.7
6. POH	0.0	47.1	273.4	0.0	0.0	0.0	0.0	0.0					320.5
7. FOH	0.0	0.0	0.0	0.0	1.6	0.0	20.7	207.3					229.6
8. MOH	0.0	0.0	0.0	169.0	50.9	119.7	83.0	0.0					422.6
9. PFOH	379.2	627.7	0.0	279.5	35.2	474.0	617.2	281.8					2694.8
10. LR PF (MW)	61.5	93.0	0.0	83.3	47.4	132.8	62.4	29.2					80.3
11. PMOH	4.5	10.9	1.4	12.6	1.5	0.0	0.0	0.0					30.9
12. LR PM (MW)	138.8	241.0	228.0	255.9	220.0	0.0	0.0	0.0					230.5
13. NSC (MW)	442	442	442	437	437	437	437	437					439
14. OPR BTU(GBTU)	2255.8865	1823.8952	1126.6380	1536.5018	2677.8839	1911.2361	2403.0890	2274.2502					16009.3807
15. NET GEN (MWH)	215861	178896	102685	149165	255872	184528	230994	214424					1532425
16. ANOHR BTU/KWH	10451	10195	10972	10301	10466	10357	10403	10606					10447
17. NOF (%)	65.6	62.4	49.5	61.9	84.7	70.3	82.6	91.4					71.5
18. NPC (MW)	442	442	442	437	437	437	437	437					439
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	97.2	99.4					81.8
2. PH	744	696	743	720	744	720	744	744					5855
3. SH	744.0	599.4	624.2	534.2	75.7	657.2	723.4	739.6					4697.7
4. RSH	0.0	42.8	0.0	0.0	0.0	49.4	0.0	0.0					92.2
5. UH	0.0	53.8	118.8	185.8	668.3	13.4	20.6	4.4					1065.2
6. POH	0.0	0.0	0.0	178.8	635.0	0.0	0.0	0.0					813.7
7. FOH	0.0	38.0	118.8	7.1	33.4	13.4	20.6	4.4					235.6
8. MOH	0.0	15.9	0.0	0.0	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	0.0					0.0
10. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.0
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.0
12. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.0
13. NSC (MW)	220	220	220	220	220	220	220	220					220
14. OPR BTU(GBTU)	1618.4199	1269.9630	1400.1867	1131.8212	94.1340	1249.0334	1550.3390	1518.9319					9832.8291
15. NET GEN (MWH)	164199	127694	137804	118079	2883	131352	158410	151850					992271
16. ANOHR BTU/KWH	9856	9945	10161	9585	32651	9509	9787	10003					9909
17. NOF (%)	100.3	96.8	100.3	100.5	17.3	90.9	99.5	93.3					96.0
18. NPC (MW)	220	220	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	100.0	99.8					94.6
2. PH	744	696	743	720	744	720	744	744					5855
3. SH	744.0	444.6	743.0	718.4	744.0	720.0	744.0	744.0					5602.0
4. RSH	0.0	0.0	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	0.0	0.0					253.0
6. POH	0.0	251.4	0.0	0.0	0.0	0.0	0.0	0.0					251.4
7. FOH	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0					1.6
8. MOH	0.0	0.0	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	0.0	6.5					52.7
10. LR PF (MW)	0.0	264.0	264.0	233.7	233.7	0.0	0.0	190.0					231.6
11. PMOH	0.0	49.3	0.0	9.2	0.0	74.3	0.0	0.0					132.9
12. LR PM (MW)	0.0	264.0	0.0	233.7	0.0	233.7	0.0	0.0					244.9
13. NSC (MW)	792	792	792	701	701	701	701	701					732
14. OPR BTU(GBTU)	2779.4750	1731.2720	2788.0910	2819.1310	2445.9590	2617.2940	2738.7610	2565.3770					20485.3600
15. NET GEN (MWH)	377266	231967	368785	376751	332398	351323	366732	342562					2747784
16. ANOHR (BTU/KWH)	7367	7463	7560	7483	7359	7450	7468	7489					7455
17. NOF (%)	64.0	65.9	62.7	74.8	63.7	69.6	70.3	65.7					67.0
18. NPC (MW)	792	792	792	701	701	701	701	701					735
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	99.7	99.5					89.4
2. PH	744	696	743	720	744	720	744	744					5855
3. SH	744.0	647.6	487.8	711.3	744.0	714.0	744.0	744.0					5536.8
4. RSH	0.0	0.0	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	0.0	0.0					318.2
6. POH	0.0	48.4	255.2	0.0	0.0	0.0	0.0	0.0					303.5
7. FOH	0.0	0.0	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	0.0	0.0					14.7
9. PFOH	0.3	10.3	52.3	0.0	42.0	151.9	0.0	23.1					279.8
10. LR PF (MW)	261.8	261.8	261.8	0.0	2.5	232.3	0.0	145.2					197.2
11. PMOH	58.6	224.5	478.0	123.3	29.1	72.8	8.8	0.0					995.1
12. LR PM (MW)	261.8	261.8	229.5	232.3	232.3	232.3	232.3	0.0					239.3
13. NSC (MW)	1047	1047	1047	929	929	929	929	929					969
14. OPR BTU(GBTU)	3309.0280	3268.1750	1691.5940	3466.4640	3112.4070	3215.3450	3033.8120	3040.1240					24136.9490
15. NET GEN (MWH)	448880	437523	218662	459495	420466	430613	402670	403380					3221689
16. ANOHR (BTU/KWH)	7372	7470	7736	7544	7402	7467	7534	7537					7492
17. NOF (%)	57.6	64.5	42.8	69.5	60.8	64.9	58.3	58.4					60.0
18. NPC (MW)	1047	1047	1047	929	929	929	929	929					973
19. ANOHR EQUATION	ANOHR = NOF	(-8.68) + (7,949)											

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**Tampa Electric Company
Outage Listing
(08/01/2016 - 08/31/2016)**

Unit: BIG BEND 1 MDC: 410 Run Date: 9/9/2016

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	Noncurtailing	08/01/2016	02:40:00	08/01/2016	07:30:00	4.83	250	0331	BLR	A Pulverizer system coal leak repairs
77	Planned Derating	08/02/2016	23:50:00	08/03/2016	08:35:00	8.75	200	3113	COND	B Condenser cleaning
78	Planned Derating	08/04/2016	00:50:00	08/04/2016	08:15:00	7.42	170	3113	COND	A Condenser cleaning
79	Planned Derating Extension	08/04/2016	08:15:00	08/04/2016	16:39:00	8.4	170	3113	COND	A Condenser inlet flow still restricted
80	Partial Maintenance	08/09/2016	23:05:00	08/09/2016	23:22:00	0.28	190	4268	TURB	Main Turbine valve testing
81	Noncurtailing	08/10/2016	00:10:00	08/10/2016	04:57:00	4.78	250	0250	BLR	Coal feeders oil change
82	Noncurtailing	08/13/2016	19:15:00	08/13/2016	22:18:00	3.05	330	0340	BLR	Mill peaking
83	Noncurtailing	08/19/2016	22:50:00	08/20/2016	04:20:00	5.5	330	0340	BLR	C Mill pinion bearing oil sightglass repair
84	Partial Maintenance	08/23/2016	23:40:00	08/24/2016	00:09:00	0.48	170	4268	TURB	Main Turbine valve testing



**Tampa Electric Company
Outage Listing
(08/01/2016 - 08/31/2016)**

Unit: BIG BEND 2 MDC: 410 Run Date: 9/9/2016

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
58	Full Forced Delayed	08/04/2016	09:30:00	08/07/2016	06:55:00	69.42	0	1050	BLR	Boiler tube leak
59	Noncurtailing	08/07/2016	06:55:00	08/08/2016	00:10:00	17.25	260	0280	BLR	Smoldering coal in B Mill
60	Noncurtailing	08/08/2016	03:30:00	08/08/2016	19:00:00	15.5	270	0313	BLR	A1 Mill air seal replacement
61	Noncurtailing	08/09/2016	08:30:00	08/10/2016	12:00:00	27.5	260	0340	BLR	B Mill crusher dryer repairs
62	Partial Forced Immed	08/10/2016	18:32:00	08/10/2016	20:15:00	1.72	250	1455	BLR	A ID Fan tripped on (false) high vibration indication
63	Noncurtailing	08/15/2016	01:30:00	08/15/2016	03:30:00	2	340	0340	BLR	Mill peaking
64	Partial Forced Immed	08/18/2016	18:00:00	08/20/2016	07:30:00	37.5	390	8812	NOx	High differential pressure indication across catalyst
65	Partial Forced Delayed	08/20/2016	07:30:00	08/22/2016	20:38:00	61.13	345	1999	BLR	Operating at reduced steam header (1800#) due to elev
66	Partial Forced Immed	08/22/2016	20:38:00	08/23/2016	03:20:00	6.7	315	9660	RS&E	High discharge canal temperature limit
67	Partial Forced Immed	08/23/2016	03:20:00	08/23/2016	11:22:00	8.03	345	1999	BLR	Operating at reduced steam header (1800#) due to elev
71	Partial Forced Delayed	08/24/2016	03:00:00	08/24/2016	04:25:00	1.42	345	1999	BLR	Operating at reduced steam header (1800#) due to elev
72	Partial Forced Immed	08/24/2016	15:00:00	08/24/2016	18:00:00	3	390	8812	NOx	High differential pressure indication across catalyst
73	Partial Forced Immed	08/24/2016	18:00:00	08/27/2016	13:45:00	67.75	380	8812	NOx	High differential pressure indication across catalyst
74	Noncurtailing	08/27/2016	13:45:00	08/27/2016	15:30:00	1.75	280	0313	BLR	A Mill air seal replacement
75	Noncurtailing	08/27/2016	15:30:00	08/27/2016	21:35:00	6.08	270	0313	BLR	A1 Mill air seal replacement and B1 Coal feeder obstruc
76	Partial Forced Immed	08/27/2016	21:35:00	08/30/2016	23:15:00	73.67	380	8812	NOx	High differential pressure indication across catalyst
77	Planned Derating	08/30/2016	23:15:00	08/31/2016	10:55:00	11.67	180	3113	COND	B Condenser cleaning
78	Partial Forced Immed	08/31/2016	10:55:00	09/02/2016	02:45:00	13.08	380	8812	NOx	High differential pressure indication across catalyst

**Tampa Electric Company
Outage Listing
(08/01/2016 - 08/31/2016)**

Unit:		BIG BEND 3		MDC:		420		Run Date:		9/9/2016	
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	
58	Partial Forced Immed	07/31/2016	08:30:00	08/02/2016	06:00:00	30	295	3670	BLPT	3B ID fan unavailable. 13.8 kv transformer fault.	
59	Partial Forced Immed	08/02/2016	06:00:00	08/05/2016	19:19:00	85.32	290	3670	BLPT	3B ID fan unavailable. 13.8 kv transformer fault.	
60	Full Forced Immed	08/05/2016	19:19:00	08/05/2016	22:01:00	2.7	0	4290	TURB	Loss of pressure due to A EHC pump trip	
61	Partial Forced Immed	08/05/2016	22:01:00	08/11/2016	22:45:00	144.73	290	3670	BLPT	3B ID fan unavailable. 13.8 kv transformer fault.	
62	Partial Forced Immed	08/11/2016	22:45:00	08/14/2016	04:30:00	53.75	280	3670	BLPT	3B ID fan unavailable. 13.8 kv transformer fault.	
63	Partial Forced Immed	08/14/2016	04:30:00	08/24/2016	23:00:00	258.5	290	3670	BLPT	3B ID fan unavailable. 13.8 kv transformer fault.	
64	Planned Outage	08/24/2016	23:00:00	09/04/2016	10:56:00	169	0	1350	BLR	Boiler and tube repairs	

**Tampa Electric Company
Outage Listing
(08/01/2016 - 08/31/2016)**

Unit:		BIG BEND 4		MDC:		470		Run Date:		9/9/2016	
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	
137	Full Forced Postponed	07/31/2016	03:17:00	08/06/2016	19:21:00	139.35	0	1000	BLR	Tube leaks	
138	Partial Forced Immed	08/08/2016	06:45:00	08/08/2016	09:00:00	2.25	450	8260	POLL	D Booster fan inlet vane control erratic	
139	Partial Forced Immed	08/08/2016	15:45:00	08/15/2016	15:35:00	167.83	450	1471	BLR	ID Fans high amp limitation	
140	Partial Forced Immed	08/15/2016	15:35:00	08/16/2016	00:00:00	8.42	445	8825	NOx	SCR inlet temperature limit (800 deg)	
141	Partial Forced Immed	08/16/2016	00:00:00	08/16/2016	09:50:00	9.83	450	1471	BLR	ID Fans high amp limitation	
142	Partial Forced Immed	08/16/2016	09:50:00	08/16/2016	20:20:00	10.5	445	8825	NOx	SCR inlet temperature limit (800 deg)	
143	Partial Forced Delayed	08/16/2016	20:20:00	08/18/2016	00:23:00	28.05	400	1350	BLR	Operating at reduced steam header (2000#) due to sus	
144	Full Forced Delayed	08/18/2016	00:23:00	08/20/2016	20:20:00	67.95	0	1000	BLR	Furnace wall tube leak	
145	Partial Forced Immed	08/20/2016	20:20:00	08/22/2016	20:15:00	47.92	450	1471	BLR	ID Fans high amp limitation	
146	Partial Forced Immed	08/22/2016	20:15:00	08/23/2016	02:15:00	6	400	9660	RS&E	High discharge canal temperature limit	
148	Partial Forced Immed	08/29/2016	11:00:00	08/29/2016	12:00:00	1	450	8825	NOx	SCR inlet temperature limit (800 deg)	

**Tampa Electric Company
Outage Listing
(08/01/2016 - 08/31/2016)**

Unit: POLK 1 MDC: 290 Run Date: 9/9/2016

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
28	Partial Forced Immed	07/29/2016	11:09:00	08/02/2016	12:33:00	36.55	200	5049	GAST	DCS screens shutdown causing loss of plant indication/
30	Partial Forced Immed	08/03/2016	00:59:00	08/03/2016	03:04:00	2.08	270	5049	GAST	DGAN y Strainer plugged/cleaned
31	Partial Forced Immed	08/07/2016	12:22:00	08/07/2016	13:13:00	0.85	270	5049	GAST	1D, DGAN Compressor trip
32	Partial Forced Immed	08/16/2016	10:08:00	08/16/2016	17:13:00	2.98	270	5041	GAST	GTG Downstream Syngas Block Valve Packing leak ex
32	Partial Forced Immed	08/16/2016	10:08:00	08/16/2016	17:13:00	2.38	270	5041	GAST	GTG Downstream Syngas Block Valve Packing leak ex
32	Partial Forced Immed	08/16/2016	10:08:00	08/16/2016	17:13:00	0.42	270	5041	GAST	GTG Downstream Syngas Block Valve Packing leak ex
32	Partial Forced Immed	08/16/2016	10:08:00	08/16/2016	17:13:00	0.97	270	5041	GAST	GTG Downstream Syngas Block Valve Packing leak ex
32	Partial Forced Immed	08/16/2016	10:08:00	08/16/2016	17:13:00	0.33	270	5041	GAST	GTG Downstream Syngas Block Valve Packing leak ex
33	Full Forced Immed	08/16/2016	13:07:00	08/16/2016	15:30:00	2.38	0	5041	GAST	Syngas Downstream Block valve failed to open on trans
34	Full Forced Immed	08/16/2016	15:55:00	08/16/2016	16:53:00	0.97	0	9910	PERS	Upstream Block valve failed to open. IAS valved out
35	Partial Forced Immed	08/20/2016	18:01:00	08/20/2016	21:31:00	1.03	270	5049	GAST	1D, DGAN Compressor Motor trip, undetermined cause
35	Partial Forced Immed	08/20/2016	18:01:00	08/20/2016	21:31:00	2.47	270	5049	GAST	1D, DGAN Compressor Motor trip, undetermined cause
36	Full Forced Immed	08/20/2016	18:01:00	08/20/2016	19:03:00	1.03	0	5049	GAST	1D, DGAN Compressor tripped, GTG tripped on High E
37	Partial Forced Immed	08/22/2016	22:35:00	08/26/2016	19:15:00	92.67	200	5049	GAST	6J, COS Superheater plugged, cleaned

**Tampa Electric Company
Outage Listing
(08/01/2016 - 08/31/2016)**

Unit: BAYSIDE ST1 MDC: 236 Run Date: 9/9/2016

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
(08/01/2016 - 08/31/2016)**

Unit: BAYSIDE CT1A MDC: 158 Run Date: 9/9/2016

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
115	Reserve Shutdown	08/01/2016	00:57:00	08/01/2016	07:49:00	6.87	0	0000	UNKN	RESERVE SHUTDOWN
116	Partial Forced Immed	08/02/2016	12:35:00	08/02/2016	12:50:00	0.25	155	5109	GAST	High turbine compartment temperature. Dropped 5 MW
117	Partial Forced Immed	08/02/2016	12:51:00	08/02/2016	13:24:00	0.55	155	5109	GAST	High turbine compartment temperature. Dropped a tota
118	Partial Forced Immed	08/02/2016	13:25:00	08/02/2016	13:51:00	0.43	155	5109	GAST	High turbine compartment temperature. Dropped a tota
119	Reserve Shutdown	08/03/2016	22:04:00	08/04/2016	05:31:00	7.45	0	0000	UNKN	RESERVE SHUTDOWN
120	Reserve Shutdown	08/15/2016	00:14:00	08/15/2016	09:03:00	8.82	0	0000	UNKN	RESERVE SHUTDOWN
121	Reserve Shutdown	08/15/2016	22:20:00	08/16/2016	08:17:00	9.95	0	0000	UNKN	RESERVE SHUTDOWN
122	Reserve Shutdown	08/21/2016	01:27:00	08/21/2016	10:32:00	9.08	0	0000	UNKN	RESERVE SHUTDOWN
123	Reserve Shutdown	08/21/2016	23:39:00	08/22/2016	09:50:00	10.18	0	0000	UNKN	RESERVE SHUTDOWN
124	Reserve Shutdown	08/28/2016	01:29:00	08/28/2016	12:11:00	10.7	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(08/01/2016 - 08/31/2016)**

Unit: BAYSIDE CT1B MDC: 158 Run Date: 9/9/2016

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
91	Reserve Shutdown	08/02/2016	01:23:00	08/02/2016	09:07:00	7.73	0	0000	UNKN	RESERVE SHUTDOWN
92	Reserve Shutdown	08/02/2016	20:02:00	08/03/2016	06:40:00	10.63	0	0000	UNKN	RESERVE SHUTDOWN
93	Reserve Shutdown	08/03/2016	22:48:00	08/04/2016	08:01:00	9.22	0	0000	UNKN	RESERVE SHUTDOWN
94	Reserve Shutdown	08/06/2016	00:43:00	08/06/2016	09:03:00	8.33	0	0000	UNKN	RESERVE SHUTDOWN
95	Reserve Shutdown	08/07/2016	23:32:00	08/08/2016	07:43:00	8.18	0	0000	UNKN	RESERVE SHUTDOWN
96	Full Forced Immed	08/08/2016	07:44:00	08/08/2016	13:01:00	5.28	0	3832	BLPT	Maintenance of 1B-FWS-V231 Feedwater Block Valve.
97	Reserve Shutdown	08/08/2016	13:02:00	08/09/2016	06:03:00	17.02	0	0000	UNKN	RESERVE SHUTDOWN
98	Reserve Shutdown	08/09/2016	18:14:00	08/10/2016	09:40:00	15.43	0	0000	UNKN	RESERVE SHUTDOWN
99	Reserve Shutdown	08/11/2016	00:21:00	08/11/2016	10:56:00	10.58	0	0000	UNKN	RESERVE SHUTDOWN
100	Reserve Shutdown	08/12/2016	01:10:00	08/12/2016	12:12:00	11.03	0	0000	UNKN	RESERVE SHUTDOWN
101	Reserve Shutdown	08/13/2016	00:54:00	08/13/2016	11:05:00	10.18	0	0000	UNKN	RESERVE SHUTDOWN
102	Reserve Shutdown	08/14/2016	01:02:00	08/14/2016	10:03:00	9.02	0	0000	UNKN	RESERVE SHUTDOWN
103	Reserve Shutdown	08/14/2016	16:13:00	08/15/2016	05:34:00	13.35	0	0000	UNKN	RESERVE SHUTDOWN
104	Reserve Shutdown	08/16/2016	01:33:00	08/16/2016	09:30:00	7.95	0	0000	UNKN	RESERVE SHUTDOWN
105	Reserve Shutdown	08/16/2016	18:08:00	08/17/2016	09:26:00	15.3	0	0000	UNKN	RESERVE SHUTDOWN
106	Reserve Shutdown	08/17/2016	20:39:00	08/18/2016	05:50:00	9.18	0	0000	UNKN	RESERVE SHUTDOWN
107	Reserve Shutdown	08/19/2016	23:19:00	08/20/2016	09:54:00	10.58	0	0000	UNKN	RESERVE SHUTDOWN
108	Reserve Shutdown	08/20/2016	23:59:00	08/21/2016	09:14:00	9.25	0	0000	UNKN	RESERVE SHUTDOWN
109	Reserve Shutdown	08/21/2016	22:12:00	08/22/2016	06:37:00	8.42	0	0000	UNKN	RESERVE SHUTDOWN
110	Reserve Shutdown	08/22/2016	23:27:00	08/23/2016	06:50:00	7.38	0	0000	UNKN	RESERVE SHUTDOWN
111	Reserve Shutdown	08/24/2016	01:43:00	08/24/2016	09:32:00	7.82	0	0000	UNKN	RESERVE SHUTDOWN
112	Reserve Shutdown	08/27/2016	23:57:00	08/28/2016	08:45:00	8.8	0	0000	UNKN	RESERVE SHUTDOWN
113	Reserve Shutdown	08/29/2016	00:55:00	08/29/2016	09:13:00	8.3	0	0000	UNKN	RESERVE SHUTDOWN
114	Reserve Shutdown	08/30/2016	00:13:00	08/30/2016	10:33:00	10.33	0	0000	UNKN	RESERVE SHUTDOWN
115	Reserve Shutdown	08/31/2016	00:49:00	08/31/2016	23:59:00	23.17	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(08/01/2016 - 08/31/2016)**

Unit: BAYSIDE CT1C MDC: 158 Run Date: 9/9/2016

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
87	Reserve Shutdown	08/03/2016	00:45:00	08/03/2016	08:37:00	7.87	0	0000	UNKN RESERVE SHUTDOWN	
88	Reserve Shutdown	08/05/2016	23:53:00	08/06/2016	07:58:00	8.08	0	0000	UNKN RESERVE SHUTDOWN	
89	Reserve Shutdown	08/06/2016	22:46:00	08/08/2016	06:29:00	31.72	0	0000	UNKN RESERVE SHUTDOWN	
90	Reserve Shutdown	08/08/2016	23:03:00	08/09/2016	10:41:00	11.63	0	0000	UNKN RESERVE SHUTDOWN	
91	Reserve Shutdown	08/09/2016	21:44:00	08/10/2016	05:30:00	7.77	0	0000	UNKN RESERVE SHUTDOWN	
92	Reserve Shutdown	08/10/2016	23:05:00	08/11/2016	09:43:00	10.63	0	0000	UNKN RESERVE SHUTDOWN	
93	Reserve Shutdown	08/11/2016	23:06:00	08/12/2016	09:03:00	9.95	0	0000	UNKN RESERVE SHUTDOWN	
94	Reserve Shutdown	08/12/2016	23:01:00	08/13/2016	09:20:00	10.32	0	0000	UNKN RESERVE SHUTDOWN	
95	Reserve Shutdown	08/13/2016	23:54:00	08/14/2016	12:30:00	12.6	0	0000	UNKN RESERVE SHUTDOWN	
96	Reserve Shutdown	08/16/2016	23:26:00	08/17/2016	06:23:00	6.95	0	0000	UNKN RESERVE SHUTDOWN	
97	Reserve Shutdown	08/17/2016	22:30:00	08/18/2016	08:05:00	9.58	0	0000	UNKN RESERVE SHUTDOWN	
98	Reserve Shutdown	08/18/2016	23:57:00	08/19/2016	09:57:00	10	0	0000	UNKN RESERVE SHUTDOWN	
99	Reserve Shutdown	08/19/2016	20:54:00	08/20/2016	08:26:00	11.53	0	0000	UNKN RESERVE SHUTDOWN	
100	Reserve Shutdown	08/23/2016	02:19:00	08/23/2016	09:38:00	7.32	0	0000	UNKN RESERVE SHUTDOWN	
101	Reserve Shutdown	08/24/2016	00:10:00	08/24/2016	07:20:00	7.17	0	0000	UNKN RESERVE SHUTDOWN	
102	Reserve Shutdown	08/27/2016	01:33:00	08/27/2016	09:00:00	7.45	0	0000	UNKN RESERVE SHUTDOWN	
103	Reserve Shutdown	08/29/2016	23:28:00	08/30/2016	06:59:00	7.52	0	0000	UNKN RESERVE SHUTDOWN	
104	Reserve Shutdown	08/30/2016	23:42:00	08/31/2016	08:10:00	8.47	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company
Outage Listing
(08/01/2016 - 08/31/2016)**

Unit:	BAYSIDE ST2	MDC:	308							Run Date:	9/9/2016
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
(08/01/2016 - 08/31/2016)**

Unit: BAYSIDE CT2A MDC: 158 Run Date: 9/9/2016

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
110	Reserve Shutdown	08/01/2016	00:00:00	08/01/2016	09:40:00	9.67	0	0000	UNKN	RESERVE SHUTDOWN
111	Full Forced Immed	08/01/2016	09:41:00	08/01/2016	11:32:00	1.85	0	4720	GEN	2A Failure to synch to the grid.
112	Full Forced Immed	08/04/2016	13:24:00	08/04/2016	13:36:00	0.2	0	4609	GEN	Generator breaker opened during exciter relay mainten
113	Reserve Shutdown	08/07/2016	01:28:00	08/09/2016	13:02:00	59.57	0	0000	UNKN	RESERVE SHUTDOWN
114	Reserve Shutdown	08/10/2016	01:08:00	08/10/2016	11:05:00	9.95	0	0000	UNKN	RESERVE SHUTDOWN
115	Reserve Shutdown	08/10/2016	22:12:00	08/11/2016	11:41:00	13.48	0	0000	UNKN	RESERVE SHUTDOWN
116	Reserve Shutdown	08/11/2016	21:37:00	08/12/2016	06:56:00	9.32	0	0000	UNKN	RESERVE SHUTDOWN
117	Reserve Shutdown	08/12/2016	21:35:00	08/13/2016	10:24:00	12.82	0	0000	UNKN	RESERVE SHUTDOWN
118	Reserve Shutdown	08/13/2016	22:52:00	08/14/2016	14:00:00	15.13	0	0000	UNKN	RESERVE SHUTDOWN
119	Reserve Shutdown	08/15/2016	22:54:00	08/16/2016	05:46:00	6.87	0	0000	UNKN	RESERVE SHUTDOWN
120	Reserve Shutdown	08/16/2016	22:37:00	08/17/2016	10:53:00	12.27	0	0000	UNKN	RESERVE SHUTDOWN
121	Reserve Shutdown	08/18/2016	23:19:00	08/19/2016	11:17:00	11.97	0	0000	UNKN	RESERVE SHUTDOWN
122	Reserve Shutdown	08/20/2016	23:05:00	08/21/2016	11:18:00	12.22	0	0000	UNKN	RESERVE SHUTDOWN
123	Reserve Shutdown	08/22/2016	01:06:00	08/22/2016	10:35:00	9.48	0	0000	UNKN	RESERVE SHUTDOWN
124	Reserve Shutdown	08/23/2016	22:44:00	08/24/2016	12:10:00	13.43	0	0000	UNKN	RESERVE SHUTDOWN
125	Reserve Shutdown	08/25/2016	21:59:00	08/26/2016	06:29:00	8.5	0	0000	UNKN	RESERVE SHUTDOWN
126	Reserve Shutdown	08/27/2016	00:26:00	08/27/2016	09:33:00	9.12	0	0000	UNKN	RESERVE SHUTDOWN
127	Reserve Shutdown	08/27/2016	22:36:00	08/28/2016	10:57:00	12.35	0	0000	UNKN	RESERVE SHUTDOWN
128	Reserve Shutdown	08/28/2016	23:45:00	08/29/2016	10:40:00	10.92	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(08/01/2016 - 08/31/2016)**

Unit: BAYSIDE CT2B MDC: 158 Run Date: 9/9/2016

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
117	Reserve Shutdown	08/02/2016	23:39:00	08/03/2016	09:41:00	10.03	0	0000	UNKN RESERVE SHUTDOWN	
118	Reserve Shutdown	08/04/2016	23:48:00	08/05/2016	08:57:00	9.15	0	0000	UNKN RESERVE SHUTDOWN	
119	Reserve Shutdown	08/06/2016	21:02:00	08/08/2016	12:23:00	39.35	0	0000	UNKN RESERVE SHUTDOWN	
120	Reserve Shutdown	08/08/2016	22:14:00	08/09/2016	08:13:00	9.98	0	0000	UNKN RESERVE SHUTDOWN	
121	Reserve Shutdown	08/09/2016	23:56:00	08/10/2016	10:25:00	10.48	0	0000	UNKN RESERVE SHUTDOWN	
122	Reserve Shutdown	08/11/2016	23:52:00	08/12/2016	11:10:00	11.3	0	0000	UNKN RESERVE SHUTDOWN	
123	Reserve Shutdown	08/13/2016	18:55:00	08/14/2016	08:38:00	13.72	0	0000	UNKN RESERVE SHUTDOWN	
124	Reserve Shutdown	08/14/2016	23:24:00	08/15/2016	06:41:00	7.28	0	0000	UNKN RESERVE SHUTDOWN	
125	Reserve Shutdown	08/15/2016	23:55:00	08/16/2016	10:40:00	10.75	0	0000	UNKN RESERVE SHUTDOWN	
126	Reserve Shutdown	08/16/2016	19:24:00	08/17/2016	08:37:00	13.22	0	0000	UNKN RESERVE SHUTDOWN	
127	Reserve Shutdown	08/18/2016	02:03:00	08/18/2016	10:43:00	8.67	0	0000	UNKN RESERVE SHUTDOWN	
128	Reserve Shutdown	08/18/2016	22:29:00	08/19/2016	09:00:00	10.52	0	0000	UNKN RESERVE SHUTDOWN	
129	Reserve Shutdown	08/20/2016	01:35:00	08/20/2016	10:45:00	9.17	0	0000	UNKN RESERVE SHUTDOWN	
130	Reserve Shutdown	08/20/2016	22:06:00	08/21/2016	08:47:00	10.68	0	0000	UNKN RESERVE SHUTDOWN	
131	Reserve Shutdown	08/21/2016	22:52:00	08/22/2016	09:22:00	10.5	0	0000	UNKN RESERVE SHUTDOWN	
132	Reserve Shutdown	08/22/2016	23:59:00	08/23/2016	10:17:00	10.3	0	0000	UNKN RESERVE SHUTDOWN	
133	Reserve Shutdown	08/23/2016	21:23:00	08/24/2016	10:38:00	13.25	0	0000	UNKN RESERVE SHUTDOWN	
134	Reserve Shutdown	08/25/2016	00:06:00	08/25/2016	06:54:00	6.8	0	0000	UNKN RESERVE SHUTDOWN	
135	Reserve Shutdown	08/25/2016	22:38:00	08/26/2016	09:05:00	10.45	0	0000	UNKN RESERVE SHUTDOWN	
136	Reserve Shutdown	08/26/2016	23:15:00	08/27/2016	08:27:00	9.2	0	0000	UNKN RESERVE SHUTDOWN	
137	Reserve Shutdown	08/27/2016	19:56:00	08/28/2016	09:27:00	13.52	0	0000	UNKN RESERVE SHUTDOWN	
138	Reserve Shutdown	08/28/2016	22:36:00	08/29/2016	07:08:00	8.53	0	0000	UNKN RESERVE SHUTDOWN	
139	Reserve Shutdown	08/29/2016	22:29:00	08/30/2016	09:28:00	10.98	0	0000	UNKN RESERVE SHUTDOWN	
140	Reserve Shutdown	08/30/2016	22:50:00	08/31/2016	23:59:00	25.15	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company
Outage Listing
(08/01/2016 - 08/31/2016)**

Unit: BAYSIDE CT2C MDC: 158 Run Date: 9/9/2016

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
123	Reserve Shutdown	08/01/2016	00:00:00	08/01/2016	10:24:00	10.4	0	0000	UNKN RESERVE SHUTDOWN	
124	Reserve Shutdown	08/01/2016	23:27:00	08/02/2016	06:18:00	6.85	0	0000	UNKN RESERVE SHUTDOWN	
125	Reserve Shutdown	08/07/2016	00:04:00	08/07/2016	10:20:00	10.27	0	0000	UNKN RESERVE SHUTDOWN	
126	Reserve Shutdown	08/07/2016	19:28:00	08/08/2016	10:25:00	14.95	0	0000	UNKN RESERVE SHUTDOWN	
127	Partial Forced Immed	08/10/2016	13:42:00	08/10/2016	18:19:00	4.62	155	5079	GAST	Backed off 10 MW's due to high turbine compartment te
128	Reserve Shutdown	08/10/2016	20:04:00	08/11/2016	10:25:00	14.35	0	0000	UNKN RESERVE SHUTDOWN	
129	Full Forced Immed	08/11/2016	10:26:00	08/11/2016	12:53:00	2.45	0	3832	BLPT	Failure of 2C HP Fdwtr Block Valve FWS-V231 to open
130	Reserve Shutdown	08/12/2016	23:54:00	08/13/2016	12:17:00	12.38	0	0000	UNKN RESERVE SHUTDOWN	
131	Reserve Shutdown	08/13/2016	21:16:00	08/14/2016	10:50:00	13.57	0	0000	UNKN RESERVE SHUTDOWN	
132	Reserve Shutdown	08/14/2016	19:51:00	08/15/2016	10:43:00	14.87	0	0000	UNKN RESERVE SHUTDOWN	
133	Partial Forced Immed	08/15/2016	15:13:00	08/15/2016	15:29:00	0.27	155	5079	GAST	High turbine compartment temperature. Dropped 10 m
134	Reserve Shutdown	08/20/2016	22:23:00	08/21/2016	09:52:00	11.48	0	0000	UNKN RESERVE SHUTDOWN	
135	Partial Forced Immed	08/21/2016	14:34:00	08/21/2016	16:30:00	1.93	155	5079	GAST	High turbine compartment temperature. Dropped 10 m
136	Reserve Shutdown	08/21/2016	21:30:00	08/22/2016	05:48:00	8.3	0	0000	UNKN RESERVE SHUTDOWN	
137	Partial Forced Immed	08/23/2016	15:33:00	08/23/2016	17:30:00	1.95	155	5079	GAST	High turbine compartment temperature. Dropped 10 m
138	Reserve Shutdown	08/24/2016	14:04:00	08/25/2016	10:49:00	20.75	0	0000	UNKN RESERVE SHUTDOWN	
139	Full Forced Immed	08/27/2016	12:44:00	08/27/2016	22:33:00	9.82	0	3674	BLPT	Full Speed No Load event due to failure of Sudden Pres
140	Reserve Shutdown	08/27/2016	22:34:00	08/28/2016	06:21:00	7.78	0	0000	UNKN RESERVE SHUTDOWN	
141	Reserve Shutdown	08/28/2016	21:08:00	08/29/2016	05:39:00	8.52	0	0000	UNKN RESERVE SHUTDOWN	
142	Reserve Shutdown	08/30/2016	01:28:00	08/30/2016	11:43:00	10.25	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company
Outage Listing
(08/01/2016 - 08/31/2016)**

Unit: BAYSIDE CT2D MDC: 158 Run Date: 9/9/2016

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
92	Reserve Shutdown	08/01/2016	00:00:00	08/01/2016	05:53:00	5.88	0	0000	UNKN	RESERVE SHUTDOWN
93	Reserve Shutdown	08/02/2016	00:10:00	08/02/2016	09:46:00	9.6	0	0000	UNKN	RESERVE SHUTDOWN
94	Reserve Shutdown	08/03/2016	21:14:00	08/04/2016	08:19:00	11.08	0	0000	UNKN	RESERVE SHUTDOWN
95	Reserve Shutdown	08/04/2016	22:52:00	08/05/2016	07:30:00	8.63	0	0000	UNKN	RESERVE SHUTDOWN
96	Reserve Shutdown	08/06/2016	02:14:00	08/06/2016	10:36:00	8.37	0	0000	UNKN	RESERVE SHUTDOWN
97	Reserve Shutdown	08/08/2016	20:22:00	08/09/2016	10:24:00	14.03	0	0000	UNKN	RESERVE SHUTDOWN
98	Reserve Shutdown	08/09/2016	23:11:00	08/10/2016	08:41:00	9.5	0	0000	UNKN	RESERVE SHUTDOWN
99	Reserve Shutdown	08/10/2016	21:23:00	08/11/2016	06:42:00	9.32	0	0000	UNKN	RESERVE SHUTDOWN
100	Reserve Shutdown	08/11/2016	22:21:00	08/12/2016	10:17:00	11.93	0	0000	UNKN	RESERVE SHUTDOWN
101	Reserve Shutdown	08/12/2016	20:35:00	08/13/2016	08:37:00	12.03	0	0000	UNKN	RESERVE SHUTDOWN
102	Reserve Shutdown	08/14/2016	22:28:00	08/15/2016	11:38:00	13.17	0	0000	UNKN	RESERVE SHUTDOWN
103	Reserve Shutdown	08/15/2016	21:06:00	08/16/2016	10:00:00	12.9	0	0000	UNKN	RESERVE SHUTDOWN
104	Reserve Shutdown	08/16/2016	17:13:00	08/17/2016	10:14:00	17.02	0	0000	UNKN	RESERVE SHUTDOWN
105	Reserve Shutdown	08/18/2016	00:27:00	08/18/2016	09:27:00	9	0	0000	UNKN	RESERVE SHUTDOWN
106	Reserve Shutdown	08/18/2016	21:58:00	08/19/2016	06:00:00	8.03	0	0000	UNKN	RESERVE SHUTDOWN
107	Reserve Shutdown	08/19/2016	22:30:00	08/20/2016	09:04:00	10.57	0	0000	UNKN	RESERVE SHUTDOWN
108	Reserve Shutdown	08/22/2016	21:57:00	08/23/2016	07:39:00	9.7	0	0000	UNKN	RESERVE SHUTDOWN
109	Reserve Shutdown	08/23/2016	20:43:00	08/24/2016	04:28:00	7.75	0	0000	UNKN	RESERVE SHUTDOWN
110	Reserve Shutdown	08/24/2016	22:39:00	08/25/2016	09:52:00	11.22	0	0000	UNKN	RESERVE SHUTDOWN
111	Reserve Shutdown	08/25/2016	23:55:00	08/26/2016	10:05:00	10.17	0	0000	UNKN	RESERVE SHUTDOWN
112	Reserve Shutdown	08/26/2016	21:14:00	08/27/2016	10:46:00	13.53	0	0000	UNKN	RESERVE SHUTDOWN
113	Reserve Shutdown	08/29/2016	17:24:00	08/30/2016	05:47:00	12.38	0	0000	UNKN	RESERVE SHUTDOWN
114	Reserve Shutdown	08/30/2016	18:48:00	08/31/2016	05:57:00	11.15	0	0000	UNKN	RESERVE SHUTDOWN
115	Reserve Shutdown	08/31/2016	16:16:00	08/31/2016	23:59:00	7.72	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		