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October 25, 2016

ELECTRONIC FILING

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

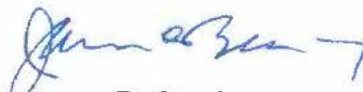
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor; FPSC Docket No. 160001-EI

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 September 2016.

Thank you for your assistance in connection with this matter.

Sincerely,



James D. Beasley

JDB/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 October, 2016 to the following:

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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	94.9				80.2
2. PH	744	696	743	720	744	720	744	744	720				6575
3. SH	364.7	569.8	683.5	445.7	516.4	720.0	744.0	744.0	702.8				5490.9
4. RSH	0.0	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	17.2				1084.1
6. POH	0.0	0.0	0.0	274.3	0.0	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	17.2				809.8
8. MOH	0.0	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	34.0				811.5
10. LR PF (MW)	94.0	131.7	23.5	18.8	161.5	28.8	30.4	0.0	217.3				53.7
11. PMOH	0.0	0.3	1.0	1.4	6.7	408.4	133.3	21.9	1.0				574.0
12. LR PM (MW)	0.0	206.9	214.4	195.0	169.0	70.9	28.7	249.8	216.4				69.9
13. NSC (MW)	395	395	395	385	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	2180.4796				17246.3151
15. NET GEN (MWH)	82135	157430	181868	113374	184974	230382	223155	217261	195902				1586481
16. ANOHR (BTU/KWH)	10888	10702	10766	10771	10766	10677	10912	11144	11130				10871
17. NOF (%)	57.0	69.9	67.4	66.1	93.0	83.1	77.9	75.8	72.4				74.5
18. NPC (MW)	395	395	395	385	385	385	385	385	385				388
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	62.4				48.7
2. PH	744	696	743	720	744	720	744	744	720				6575
3. SH	595.3	59.5	570.0	0.0	0.0	353.5	717.0	674.6	489.2				3459.1
4. RSH	0.0	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	230.8				3115.9
6. POH	0.0	0.0	173.0	720.0	744.0	90.0	0.0	0.0	0.0				1727.0
7. FOH	148.7	636.5	0.0	0.0	0.0	276.5	27.0	69.4	230.8				1388.9
8. MOH	0.0	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	450.3				1643.9
10. LR PF (MW)	31.3	21.9	43.0	0.0	0.0	246.9	15.1	37.5	34.2				54.5
11. PMOH	144.3	0.0	50.7	0.0	0.0	0.0	8.4	11.7	0.0				215.0
12. LR PM (MW)	19.5	0.0	45.9	0.0	0.0	0.0	230.1	216.0	0.0				44.6
13. NSC (MW)	395	395	395	385	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	1484.7001				10589.7797
15. NET GEN (MWH)	138943	18535	144508	0	0	83401	253184	221287	139783				999641
16. ANOHR (BTU/KWH)	11309	11402	11061	0	0	10456	10111	10358	10621				10594
17. NOF (%)	59.1	78.9	64.2	0.0	0.0	61.3	91.7	85.2	74.2				74.4
18. NPC (MW)	395	395	395	385	385	385	385	385	385				388
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	49.6				48.6
2. PH	744	696	743	720	744	720	744	744	720				6575
3. SH	201.7	158.5	660.2	675.6	556.3	622.7	476.6	572.3	516.7				4440.6
4. RSH	176.3	0.0	71.5	0.0	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	203.3				1886.6
6. POH	313.0	537.5	0.0	0.0	0.0	0.0	0.0	169.0	82.9				1102.4
7. FOH	53.0	0.0	0.0	44.4	187.8	97.3	267.4	2.7	120.4				772.9
8. MOH	0.0	0.0	11.3	0.0	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	516.7				3769.1
10. LR PF (MW)	266.6	202.4	202.4	175.1	9.4	163.2	120.1	122.9	122.3				156.6
11. PMOH	0.0	0.0	0.0	0.0	9.2	0.4	0.0	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	0.0				87.2
13. NSC (MW)	400	400	400	395	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	1423.1616				11114.3083
15. NET GEN (MWH)	34135	21494	100847	131589	204773	139051	122309	148589	129000				1031787
16. ANOHR BTU/KWH	11872	10904	10518	10405	10537	10767	11036	10883	11032				10772
17. NOF (%)	42.3	33.9	38.2	49.3	93.2	56.5	65.0	65.7	63.2				58.7
18. NPC (MW)	400	400	400	395	395	395	395	395	395				397
19. ANOHR EQUATION	ANOHR = NOF (-17.14) + (12,189)												

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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 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	89.7				76.3
2. PH	744	696	743	720	744	720	744	744	720				6575
3. SH	744.0	648.9	469.6	551.0	691.5	600.3	640.3	536.7	720.0				5602.3
4. RSH	0.0	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	0.0				972.7
6. POH	0.0	47.1	273.4	0.0	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	0.0				229.6
8. MOH	0.0	0.0	0.0	169.0	50.9	119.7	83.0	0.0	0.0				422.6
9. PFOH	379.2	627.7	0.0	279.5	35.2	474.0	617.2	281.8	562.4				3257.2
10. LR PF (MW)	61.5	93.0	0.0	83.3	47.4	132.8	62.4	29.2	52.4				75.5
11. PMOH	4.5	10.9	1.4	12.6	1.5	0.0	0.0	0.0	12.1				43.0
12. LR PM (MW)	138.8	241.0	228.0	255.9	220.0	0.0	0.0	0.0	254.2				237.2
13. NSC (MW)	442	442	442	437	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	2775.5647				18784.9454
15. NET GEN (MWH)	215861	178896	102685	149165	255872	184528	230994	214424	257688				1790113
16. ANOHR BTU/KWH	10451	10195	10972	10301	10466	10357	10403	10606	10771				10494
17. NOF (%)	65.6	62.4	49.5	61.9	84.7	70.3	82.6	91.4	81.9				72.8
18. NPC (MW)	442	442	442	437	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	99.9				83.8
2. PH	744	696	743	720	744	720	744	744	720				6575
3. SH	744.0	599.4	624.2	534.2	75.7	657.2	723.4	739.6	719.1				5416.8
4. RSH	0.0	42.8	0.0	0.0	0.0	49.4	0.0	0.0	0.0				92.2
5. UH	0.0	53.8	118.8	185.8	668.3	13.4	20.6	4.4	0.9				1066.0
6. POH	0.0	0.0	0.0	178.8	635.0	0.0	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	0.9				236.4
8. MOH	0.0	15.9	0.0	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				0.0
10. LR PF (MW)	0.0	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				0.0
12. LR PM (MW)	0.0	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				220
14. OPR BTU(GBTU)	1618.4199	1269.9630	1400.1867	1131.8212	94.1340	1249.0334	1550.3390	1518.9319	1541.9942				11374.8232
15. NET GEN (MWH)	164199	127694	137804	118079	2883	131352	158410	151850	151392				1143663
16. ANOHR BTU/KWH	9856	9945	10161	9585	32651	9509	9787	10003	10185				9946
17. NOF (%)	100.3	96.8	100.3	100.5	17.3	90.9	99.5	93.3	95.7				96.0
18. NPC (MW)	220	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	97.7				95.0
2. PH	744	696	743	720	744	720	744	744	720				6575
3. SH	744.0	444.6	743.0	718.4	744.0	720.0	744.0	744.0	720.0				6322.0
4. RSH	0.0	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	0.0				253.0
6. POH	0.0	251.4	0.0	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	0.0				1.6
8. MOH	0.0	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	1.8				54.5
10. LR PF (MW)	0.0	264.0	264.0	233.7	233.7	0.0	0.0	190.0	233.7				231.7
11. PMOH	0.0	49.3	0.0	9.2	0.0	74.3	0.0	0.0	46.9				179.7
12. LR PM (MW)	0.0	264.0	0.0	233.7	0.0	233.7	0.0	0.0	233.7				242.0
13. NSC (MW)	792	792	792	701	701	701	701	701	701				729
14. OPR BTU(GBTU)	2779.4750	1731.2720	2788.0910	2819.1310	2445.9590	2617.2940	2738.7610	2565.3770	2592.9140				23078.2740
15. NET GEN (MWH)	377266	231967	368785	376751	332398	351323	366732	342562	334034				3081818
16. ANOHR (BTU/KWH)	7367	7463	7560	7483	7359	7450	7468	7489	7762				7489
17. NOF (%)	64.0	65.9	62.7	74.8	63.7	69.6	70.3	65.7	66.2				66.9
18. NPC (MW)	792	792	792	701	701	701	701	701	701				731
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	46.8				84.8
2. PH	744	696	743	720	744	720	744	744	720				6575
3. SH	744.0	647.6	487.8	711.3	744.0	714.0	744.0	744.0	398.0				5934.7
4. RSH	0.0	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	322.0				640.3
6. POH	0.0	48.4	255.2	0.0	0.0	0.0	0.0	0.0	322.0				625.6
7. FOH	0.0	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	0.0				14.7
9. PFOH	0.3	10.3	52.3	0.0	42.0	151.9	0.0	23.1	2.1				281.9
10. LR PF (MW)	261.8	261.8	261.8	0.0	2.5	232.3	0.0	145.2	232.3				197.4
11. PMOH	58.6	224.5	478.0	123.3	29.1	72.8	8.8	0.0	61.9				1057.0
12. LR PM (MW)	261.8	261.8	229.5	232.3	232.3	232.3	232.3	0.0	907.8				278.5
13. NSC (MW)	1047	1047	1047	929	929	929	929	929	929				966
14. OPR BTU(GBTU)	3309.0280	3268.1750	1691.5940	3466.4640	3112.4070	3215.3450	3033.8120	3040.1240	1276.0020				25412.9510
15. NET GEN (MWH)	448880	437523	218662	459495	420466	430613	402670	403380	163358				3385047
16. ANOHR (BTU/KWH)	7372	7470	7736	7544	7402	7467	7534	7537	7811				7507
17. NOF (%)	57.6	64.5	42.8	69.5	60.8	64.9	58.3	58.4	44.2				59.0
18. NPC (MW)	1047	1047	1047	929	929	929	929	929	929				968
19. ANOHR EQUATION	ANOHR = NOF (-8.68) + (7,949)												

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Tampa Electric Company
Outage Listing
(09/01/2016 - 09/30/2016)

Unit: BIG BEND 1		MDC: 410		Run Date: 10/6/2016						
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
85	Partial Maintenance	09/07/2016	00:55:00	09/07/2016	01:10:00	0.25	165	4268	TURB	Main Turbine valve testing
86	Partial Forced Immed	09/08/2016	15:10:00	09/09/2016	10:30:00	19.33	190	3240	BLPT	B Cooling Tower fan gearbox failure
87	Partial Forced Immed	09/09/2016	10:30:00	09/09/2016	15:45:00	5.25	170	3240	BLPT	B Cooling Tower fan gearbox failure
88	Partial Forced Immed	09/09/2016	15:45:00	09/10/2016	01:12:00	9.45	160	3240	BLPT	B Cooling Tower fan gearbox failure
89	Full Forced Immed	09/10/2016	19:12:00	09/11/2016	12:25:00	17.22	0	3631	BLPT	CB 116C overcurrent trip causing loss of power to DCS
90	Partial Maintenance	09/15/2016	01:20:00	09/15/2016	01:40:00	0.33	190	4268	TURB	Main Turbine valve testing
91	Partial Maintenance	09/21/2016	02:49:00	09/21/2016	03:13:00	0.4	180	4268	TURB	Main Turbine valve testing

**Tampa Electric Company
Outage Listing
(09/01/2016 - 09/30/2016)**

Unit:		BIG BEND 2		MDC:		410		Run Date:		10/6/2016	
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	
78	Partial Forced Immed	08/31/2016	10:55:00	09/02/2016	02:45:00	26.75	380	8812	NOx	High differential pressure indication across catalyst	
79	Partial Forced Immed	09/02/2016	02:45:00	09/09/2016	08:22:00	173.62	375	8812	NOx	High differential pressure indication across catalyst	
80	Full Forced Delayed	09/09/2016	08:22:00	09/10/2016	21:25:00	37.05	0	3415	BLPT	BFP lube oil contamination	
81	Full Forced Immed	09/10/2016	23:15:00	09/13/2016	17:35:00	66.33	0	0710	BLR	Continuous blowdown piping leak	
82	Partial Forced Immed	09/13/2016	17:35:00	09/14/2016	02:00:00	8.42	375	8812	NOx	High differential pressure indication across catalyst	
83	Noncurtailing	09/14/2016	02:00:00	09/14/2016	12:20:00	10.33	270	0340	BLR	C Pulverizer pluggage	
84	Partial Forced Immed	09/14/2016	12:20:00	09/14/2016	13:40:00	1.33	375	8812	NOx	High differential pressure indication across catalyst	
85	Partial Forced Immed	09/14/2016	13:40:00	09/15/2016	12:30:00	22.83	350	3112	COND	Dirty condenser	
87	Full Forced Delayed	09/16/2016	01:05:00	09/19/2016	09:49:00	80.73	0	1050	BLR	Boiler tube leak	
88	Partial Forced Immed	09/19/2016	09:49:00	09/20/2016	18:10:00	32.35	380	8812	NOx	High differential pressure indication across catalyst	
89	Partial Forced Immed	09/20/2016	18:10:00	09/20/2016	20:02:00	1.87	270	1470	BLR	B ID Fan tripped (drive control system)	
90	Partial Forced Immed	09/20/2016	20:02:00	09/21/2016	12:50:00	16.8	380	8812	NOx	High differential pressure indication across catalyst	
91	Full Forced Immed	09/21/2016	12:50:00	09/23/2016	11:30:00	46.67	0	4293	TURB	EH fluid leak at #3 governor valve	
92	Partial Forced Immed	09/23/2016	11:30:00	09/23/2016	19:47:00	8.28	380	8812	NOx	High differential pressure indication across catalyst	
93	Partial Forced Immed	09/23/2016	19:47:00	09/23/2016	23:45:00	3.97	320	3119	COND	High Condenser back pressure indications	
94	Noncurtailing	09/23/2016	23:45:00	09/24/2016	13:55:00	14.17	270	0340	BLR	C Pulverizer pluggage	
95	Partial Forced Immed	09/24/2016	13:55:00	09/28/2016	12:19:00	94.4	380	8812	NOx	High differential pressure indication across catalyst	
96	Partial Forced Immed	09/28/2016	12:19:00	09/28/2016	14:15:00	1.93	250	3240	BLPT	B Cooling tower fan tripped on high vibration indication.	
97	Partial Forced Immed	09/28/2016	14:15:00	09/28/2016	14:48:00	0.55	380	8812	NOx	High differential pressure indication across catalyst	
98	Partial Forced Immed	09/28/2016	14:48:00	09/28/2016	15:20:00	0.53	315	3240	BLPT	B Cooling tower fan tripped on high vibration indication.	
99	Partial Forced Immed	09/28/2016	15:20:00	09/28/2016	17:25:00	2.08	380	8812	NOx	High differential pressure indication across catalyst	
100	Partial Forced Immed	09/28/2016	17:25:00	09/29/2016	11:00:00	17.58	370	8812	NOx	High differential pressure indication across catalyst	
101	Partial Forced Immed	09/29/2016	11:00:00	09/29/2016	11:12:00	0.2	355	3240	BLPT	B Cooling tower fan tripped on high vibration indication.	
102	Partial Forced Immed	09/29/2016	11:12:00	10/01/2016	13:15:00	36.8	370	8812	NOx	High differential pressure indication across catalyst	

**Tampa Electric Company
Outage Listing
(09/01/2016 - 09/30/2016)**

Unit:		BIG BEND 3		MDC:		420		Run Date:		10/6/2016	
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	
64	Planned Outage	08/24/2016	23:00:00	09/04/2016	10:56:00	82.93	0	1350	BLR	Boiler and tube repairs	
65	Partial Forced Immed	09/04/2016	10:56:00	09/18/2016	10:43:00	335.78	290	3670	BLPT	3B ID fan unavailable. 13.8 kv transformer fault.	
66	Full Forced Delayed	09/18/2016	10:43:00	09/22/2016	07:02:00	92.32	0	1080	BLR	Economizer inlet header tube leak	
67	Partial Forced Immed	09/22/2016	07:02:00	09/23/2016	01:52:00	18.83	290	3670	BLPT	3B ID fan unavailable. 13.8 kv transformer fault.	
68	Full Forced Immed	09/23/2016	01:52:00	09/24/2016	05:55:00	28.05	0	1470	BLR	A ID Fan tripped on loss of VFD cooling pump(s)	
69	Partial Forced Immed	09/24/2016	05:55:00	10/01/2016	01:00:00	162.08	290	3670	BLPT	3B ID fan unavailable. 13.8 kv transformer fault.	

**Tampa Electric Company
Outage Listing
(09/01/2016 - 09/30/2016)**

Unit: BIG BEND 4 MDC: 470 Run Date: 10/6/2016

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
149	Planned Derating	09/01/2016	01:05:00	09/01/2016	11:00:00	9.92	200	3113	COND	B & D Condenser cleaning
150	Partial Forced Immed	09/02/2016	23:15:00	09/03/2016	03:45:00	4.5	450	8551	POLL	Particulate matter limit
151	Partial Forced Immed	09/03/2016	17:20:00	09/03/2016	18:50:00	1.5	360	1488	BLR	APH guide bearing high temperature limit
152	Partial Forced Immed	09/03/2016	18:50:00	09/03/2016	19:53:00	1.05	325	1488	BLR	APH guide bearing oil pump replacement
153	Partial Forced Immed	09/07/2016	18:30:00	09/17/2016	01:15:00	222.75	420	8260	POLL	D Booster fan inlet guide vane binding
154	Planned Derating	09/17/2016	01:15:00	09/17/2016	03:25:00	2.17	210	3299	BLPT	B Debris filter flushing valve replacement
155	Partial Forced Immed	09/17/2016	03:25:00	09/17/2016	06:00:00	2.58	420	8260	POLL	D Booster fan inlet guide vane binding
156	Partial Forced Immed	09/17/2016	06:00:00	09/17/2016	23:05:00	17.08	410	8261	POLL	C Booster fan amps exceeding limits
157	Partial Forced Delayed	09/17/2016	23:05:00	09/18/2016	01:40:00	2.58	220	3220	BLPT	Door gasket leak repair
158	Partial Forced Immed	09/18/2016	01:40:00	01/01/2017	00:00:00	310.33	420	8260	POLL	D Booster fan inlet guide vane binding

**Tampa Electric Company
Outage Listing
(09/01/2016 - 09/30/2016)**

Unit:		POLK 1		MDC:		290		Run Date:		10/6/2016	
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	Partial Forced Immed	09/15/2016	03:24:00	09/15/2016	03:54:00	0.5	200	5049	GAST 1D, DGAN Compressor trip		
39	Partial Forced Immed	09/18/2016	07:23:00	09/18/2016	09:24:00	0.87	200	5049	GAST 1D, DGAN Compressor trip		
39	Partial Forced Immed	09/18/2016	07:23:00	09/18/2016	09:24:00	1.15	200	5049	GAST 1D, DGAN Compressor trip		
40	Full Forced Immed	09/18/2016	07:23:00	09/18/2016	08:15:00	0.87	0	5049	GAST DGAN Compressor tripped GTG tripped on high exhaust		
41	Partial Forced Immed	09/18/2016	21:26:00	09/25/2016	13:07:00	159.68	200	5049	GAST 1A, ASU MAC Lube Oil Cooler Failure		

**Tampa Electric Company
Outage Listing
(09/01/2016 - 09/30/2016)**

Unit:	BAYSIDE ST1	MDC:	236							Run Date:	10/6/2016
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
(09/01/2016 - 09/30/2016)**

Unit: BAYSIDE CT1A MDC: 158 Run Date: 10/6/2016

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
125	Reserve Shutdown	09/03/2016	23:21:00	09/04/2016	11:55:00	12.57	0	0000	UNKN RESERVE SHUTDOWN	
126	Reserve Shutdown	09/04/2016	23:52:00	09/05/2016	12:32:00	12.67	0	0000	UNKN RESERVE SHUTDOWN	
127	Reserve Shutdown	09/05/2016	23:35:00	09/06/2016	12:04:00	12.48	0	0000	UNKN RESERVE SHUTDOWN	
128	Reserve Shutdown	09/06/2016	22:38:00	09/07/2016	05:36:00	6.97	0	0000	UNKN RESERVE SHUTDOWN	
129	Reserve Shutdown	09/09/2016	01:05:00	09/09/2016	08:49:00	7.73	0	0000	UNKN RESERVE SHUTDOWN	
130	Reserve Shutdown	09/29/2016	22:41:00	09/30/2016	13:03:00	14.37	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company
Outage Listing
(09/01/2016 - 09/30/2016)**

Unit: BAYSIDE CT1B MDC: 158 Run Date: 10/6/2016

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
116	Reserve Shutdown	09/01/2016	00:00:00	09/01/2016	07:00:00	7	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
117	Reserve Shutdown	09/03/2016	21:59:00	09/04/2016	09:50:00	11.85	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
118	Reserve Shutdown	09/04/2016	22:07:00	09/05/2016	10:27:00	12.33	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
119	Reserve Shutdown	09/05/2016	21:57:00	09/06/2016	09:02:00	11.08	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
120	Reserve Shutdown	09/07/2016	21:43:00	09/08/2016	05:45:00	8.03	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
121	Reserve Shutdown	09/08/2016	21:28:00	09/09/2016	05:31:00	8.05	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
122	Reserve Shutdown	09/13/2016	22:45:00	09/14/2016	10:08:00	11.38	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
123	Reserve Shutdown	09/14/2016	22:45:00	09/15/2016	06:37:00	7.87	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
124	Reserve Shutdown	09/15/2016	23:02:00	09/16/2016	09:36:00	10.57	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
125	Reserve Shutdown	09/20/2016	23:24:00	09/21/2016	09:08:00	9.73	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
126	Maintenance Outage	09/23/2016	21:39:00	09/24/2016	22:06:00	24.45	0	5272	GAST Borescope inspection.	Borescope inspection.
127	Reserve Shutdown	09/24/2016	22:06:00	09/24/2016	22:56:00	0.83	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
128	Reserve Shutdown	09/25/2016	23:30:00	09/26/2016	08:32:00	9.03	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
129	Reserve Shutdown	09/26/2016	16:42:00	09/27/2016	09:46:00	17.07	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
130	Reserve Shutdown	09/27/2016	23:11:00	09/28/2016	09:10:00	9.98	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
131	Reserve Shutdown	09/28/2016	23:06:00	09/29/2016	10:32:00	11.43	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
132	Reserve Shutdown	09/30/2016	21:44:00	09/30/2016	23:59:00	2.25	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(09/01/2016 - 09/30/2016)**

Unit: BAYSIDE CT1C MDC: 158 Run Date: 10/6/2016

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
105	Reserve Shutdown	09/02/2016	00:32:00	09/02/2016	06:28:00	5.93	0	0000	UNKN RESERVE SHUTDOWN	
106	Reserve Shutdown	09/06/2016	23:25:00	09/07/2016	06:39:00	7.23	0	0000	UNKN RESERVE SHUTDOWN	
107	Reserve Shutdown	09/07/2016	22:30:00	09/08/2016	09:53:00	11.38	0	0000	UNKN RESERVE SHUTDOWN	
108	Full Forced Immed	09/08/2016	10:08:00	09/08/2016	11:56:00	1.8	0	3832	BLPT CT trip due to 1C-MSS-V212 being closed due to DCS	
109	Reserve Shutdown	09/10/2016	03:06:00	09/10/2016	10:12:00	7.1	0	0000	UNKN RESERVE SHUTDOWN	
110	Reserve Shutdown	09/11/2016	01:52:00	09/11/2016	08:49:00	6.95	0	0000	UNKN RESERVE SHUTDOWN	
111	Reserve Shutdown	09/11/2016	23:38:00	09/12/2016	06:34:00	6.93	0	0000	UNKN RESERVE SHUTDOWN	
112	Reserve Shutdown	09/12/2016	23:13:00	09/13/2016	06:09:00	6.93	0	0000	UNKN RESERVE SHUTDOWN	
113	Reserve Shutdown	09/13/2016	22:10:00	09/14/2016	05:54:00	7.73	0	0000	UNKN RESERVE SHUTDOWN	
114	Reserve Shutdown	09/14/2016	21:09:00	09/15/2016	05:36:00	8.45	0	0000	UNKN RESERVE SHUTDOWN	
115	Reserve Shutdown	09/19/2016	22:44:00	09/20/2016	10:18:00	11.57	0	0000	UNKN RESERVE SHUTDOWN	
116	Reserve Shutdown	09/20/2016	22:15:00	09/21/2016	05:37:00	7.37	0	0000	UNKN RESERVE SHUTDOWN	
117	Reserve Shutdown	09/23/2016	00:45:00	09/23/2016	02:41:00	1.93	0	0000	UNKN RESERVE SHUTDOWN	
118	Maintenance Outage	09/24/2016	23:34:00	09/25/2016	22:00:00	22.43	0	5272	GAST Borescope Inspection.	
119	Reserve Shutdown	09/25/2016	22:01:00	09/25/2016	22:27:00	0.43	0	0000	UNKN RESERVE SHUTDOWN	
120	Reserve Shutdown	09/26/2016	23:33:00	09/27/2016	10:22:00	10.82	0	0000	UNKN RESERVE SHUTDOWN	
121	Reserve Shutdown	09/27/2016	22:34:00	09/28/2016	07:34:00	9	0	0000	UNKN RESERVE SHUTDOWN	
122	Reserve Shutdown	09/28/2016	22:11:00	09/29/2016	08:29:00	10.3	0	0000	UNKN RESERVE SHUTDOWN	
123	Reserve Shutdown	09/29/2016	21:38:00	09/30/2016	11:24:00	13.77	0	0000	UNKN RESERVE SHUTDOWN	
124	Reserve Shutdown	09/30/2016	21:07:00	09/30/2016	23:59:00	2.87	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company
Outage Listing
(09/01/2016 - 09/30/2016)**

Unit:		BAYSIDE ST2		MDC:		308		Run Date:		10/6/2016	
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	
9	Planned Outage	09/15/2016	23:08:00	09/29/2016	09:10:00	322.03	0	3113	COND	Planned 2016 Fall Outage. Condenser/Tunnel Cleaning	

**Tampa Electric Company
Outage Listing
(09/01/2016 - 09/30/2016)**

Unit: BAYSIDE CT2A		MDC: 158		Run Date: 10/6/2016						
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
129	Reserve Shutdown	09/01/2016	00:58:00	09/01/2016	08:54:00	7.93	0	0000	UNKN RESERVE SHUTDOWN	
130	Reserve Shutdown	09/01/2016	22:08:00	09/03/2016	08:36:00	34.47	0	0000	UNKN RESERVE SHUTDOWN	
131	Reserve Shutdown	09/05/2016	01:29:00	09/05/2016	10:59:00	9.5	0	0000	UNKN RESERVE SHUTDOWN	
132	Reserve Shutdown	09/06/2016	00:23:00	09/06/2016	13:06:00	12.72	0	0000	UNKN RESERVE SHUTDOWN	
133	Reserve Shutdown	09/06/2016	21:36:00	09/07/2016	07:44:00	10.13	0	0000	UNKN RESERVE SHUTDOWN	
134	Reserve Shutdown	09/07/2016	20:44:00	09/08/2016	07:04:00	10.33	0	0000	UNKN RESERVE SHUTDOWN	
135	Reserve Shutdown	09/08/2016	23:58:00	09/09/2016	11:15:00	11.28	0	0000	UNKN RESERVE SHUTDOWN	
136	Reserve Shutdown	09/10/2016	01:37:00	09/10/2016	09:10:00	7.55	0	0000	UNKN RESERVE SHUTDOWN	
137	Planned Outage	09/15/2016	23:05:00	09/28/2016	22:18:00	311.22	0	5272	GAST Planned Fall 2016 Borescope and Turbine Inspection of	
138	Reserve Shutdown	09/28/2016	22:19:00	09/30/2016	05:54:00	31.58	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company
Outage Listing
(09/01/2016 - 09/30/2016)**

Unit:		BAYSIDE CT2B		MDC:		158		Run Date:		10/6/2016	
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	
141	Reserve Shutdown	09/01/2016	00:00:00	09/02/2016	07:05:00	31.08	0	0000	UNKN	RESERVE SHUTDOWN	
142	Reserve Shutdown	09/03/2016	00:22:00	09/04/2016	13:37:00	37.25	0	0000	UNKN	RESERVE SHUTDOWN	
143	Reserve Shutdown	09/04/2016	22:57:00	09/05/2016	09:51:00	10.9	0	0000	UNKN	RESERVE SHUTDOWN	
144	Reserve Shutdown	09/05/2016	22:49:00	09/06/2016	10:30:00	11.68	0	0000	UNKN	RESERVE SHUTDOWN	
145	Reserve Shutdown	09/06/2016	20:35:00	09/07/2016	09:44:00	13.15	0	0000	UNKN	RESERVE SHUTDOWN	
146	Reserve Shutdown	09/07/2016	23:18:00	09/08/2016	11:04:00	11.77	0	0000	UNKN	RESERVE SHUTDOWN	
147	Reserve Shutdown	09/08/2016	23:26:00	09/09/2016	06:53:00	7.45	0	0000	UNKN	RESERVE SHUTDOWN	
148	Reserve Shutdown	09/10/2016	00:37:00	09/10/2016	07:56:00	7.32	0	0000	UNKN	RESERVE SHUTDOWN	
149	Reserve Shutdown	09/12/2016	02:13:00	09/12/2016	09:17:00	7.07	0	0000	UNKN	RESERVE SHUTDOWN	
150	Reserve Shutdown	09/13/2016	00:48:00	09/13/2016	08:27:00	7.65	0	0000	UNKN	RESERVE SHUTDOWN	
151	Reserve Shutdown	09/13/2016	23:19:00	09/14/2016	11:54:00	12.58	0	0000	UNKN	RESERVE SHUTDOWN	
152	Planned Outage	09/14/2016	20:10:00	09/29/2016	23:55:00	363.75	0	5272	GAST	Planned Fall 2016 Borescope and Turbine Inspection of	
153	Reserve Shutdown	09/29/2016	23:56:00	09/30/2016	09:55:00	9.98	0	0000	UNKN	RESERVE SHUTDOWN	

**Tampa Electric Company
Outage Listing
(09/01/2016 - 09/30/2016)**

Unit: BAYSIDE CT2C		MDC: 158		Run Date: 10/6/2016						
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
143	Reserve Shutdown	09/03/2016	21:20:00	09/04/2016	09:15:00	11.92	0	0000	UNKN RESERVE SHUTDOWN	
144	Reserve Shutdown	09/04/2016	20:50:00	09/05/2016	06:35:00	9.75	0	0000	UNKN RESERVE SHUTDOWN	
145	Reserve Shutdown	09/05/2016	17:56:00	09/06/2016	06:02:00	12.1	0	0000	UNKN RESERVE SHUTDOWN	
146	Reserve Shutdown	09/07/2016	23:04:00	09/08/2016	10:35:00	11.52	0	0000	UNKN RESERVE SHUTDOWN	
147	Reserve Shutdown	09/11/2016	00:47:00	09/11/2016	07:27:00	6.67	0	0000	UNKN RESERVE SHUTDOWN	
148	Maintenance Outage	09/11/2016	07:28:00	09/11/2016	09:21:00	1.88	0	5079	GAST Repairs to Hazardous Gas Detectors.	
149	Reserve Shutdown	09/11/2016	09:22:00	09/11/2016	09:49:00	0.45	0	0000	UNKN RESERVE SHUTDOWN	
150	Full Forced Immed	09/11/2016	10:19:00	09/11/2016	12:25:00	2.1	0	3839	BLPT Tripped on High Main Steam Temperature.	
151	Planned Outage	09/11/2016	23:04:00	09/30/2016	23:59:00	456.92	0	5272	GAST Planned Fall 2016 Borescope and Turbine Inspection of	

**Tampa Electric Company
Outage Listing
(09/01/2016 - 09/30/2016)**

Unit: BAYSIDE CT2D		MDC: 158		Run Date: 10/6/2016						
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
116	Reserve Shutdown	09/01/2016	00:00:00	09/04/2016	15:33:00	87.55	0	0000	UNKN RESERVE SHUTDOWN	
117	Reserve Shutdown	09/06/2016	18:21:00	09/07/2016	10:20:00	15.98	0	0000	UNKN RESERVE SHUTDOWN	
118	Reserve Shutdown	09/08/2016	22:28:00	09/09/2016	10:28:00	12	0	0000	UNKN RESERVE SHUTDOWN	
119	Reserve Shutdown	09/09/2016	23:16:00	09/10/2016	06:13:00	6.95	0	0000	UNKN RESERVE SHUTDOWN	
120	Reserve Shutdown	09/12/2016	00:14:00	09/12/2016	07:17:00	7.05	0	0000	UNKN RESERVE SHUTDOWN	
121	Planned Outage	09/12/2016	22:13:00	09/28/2016	23:42:00	385.48	0	5272	GAST Planned Fall 2016 Borescope and Turbine Inspection of	
122	Reserve Shutdown	09/30/2016	19:25:00	09/30/2016	23:59:00	4.57	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		