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September 25, 2015

ELECTRONIC FILING

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

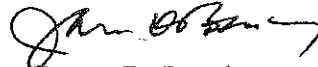
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor; FPSC Docket No. 150001-EI

Dear Ms. Stauffer:

Attached for filing in the above docket is Tampa Electric Company's GPIF Actual Unit
Performance Data Schedules for the month of August 2015.

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 has been furnished by electronic mail on this 25th day of September 2015, to the following:

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ATTORNEY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2015 - DECEMBER 2015

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
	JAN 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	64.4	86.8	76.6	93.3	80.0	86.3	72.3	28.0					73.2
2. PH	744	672	743	720	744	720	744	744					5831
3. SH	532.3	672.0	681.9	719.6	642.6	719.7	720.0	270.5					4958.5
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.0
5. UH	211.8	0.0	61.1	0.4	101.4	0.3	24.0	473.5					872.5
6. POH	211.8	0.0	0.0	0.0	0.0	0.0	0.0	233.0					444.7
7. FOH	0.0	0.0	61.1	0.4	53.2	0.0	24.0	240.5					379.1
8. MOH	0.0	0.0	0.0	0.0	48.3	0.3	0.0	0.0					48.6
9. PFOH	520.0	677.8	668.6	705.8	605.8	651.7	715.4	258.0					4803.1
10. LR PF (MW)	40.4	51.7	65.2	25.4	28.2	44.0	96.8	90.7					53.3
11. PMOH	0.3	0.3	6.3	6.3	8.1	51.1	4.6	4.1					80.9
12. LR PM (MW)	0.0	0.0	175.5	78.1	144.8	177.2	168.6	164.3					163.7
13. NSC (MW)	395	395	395	385	385	385	385	385					389
14. OPR BTU(GBTU)	1839.1280	2360.6453	2350.0427	2664.6952	2375.0419	2381.2968	2277.4916	715.4560					16963.7976
15. NET GEN (MWH)	172923	224631	218619	252349	224991	218554	196231	71912					1580210
16. ANOHR (BTU/KWH)	10636	10509	10749	10560	10556	10896	11606	9949					10735
17. NOF (%)	82.3	84.6	81.2	91.1	90.9	78.9	70.8	69.0					82.0
18. NPC (MW)	395	395	395	385	385	385	385	385					389
19. ANOHR EQUATION	ANOHR = NOF (2.316) + 10,342.99)												

ORIGINAL SHEET NO. 8.401.15A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2015 - DECEMBER 2015

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND 2	JAN 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	25.9	0.0	36.8	76.2	55.3	0.4	0.0	13.5					26.3
2. PH	744	672	743	720	744	720	744	744					5831
3. SH	231.3	0.0	345.1	720.0	527.7	2.6	0.0	158.3					1985.0
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.0
5. UH	512.7	672.0	397.9	0.0	216.3	717.4	744.0	585.7					3846.0
6. POH	235.8	0.0	0.0	0.0	137.0	281.4	0.0	0.0					654.1
7. FOH	276.9	672.0	397.9	0.0	79.3	436.0	744.0	585.7					3191.9
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.0
9. PFOH	227.3	0.0	339.4	701.7	506.2	0.0	0.0	139.8					1914.4
10. LR PF (MW)	67.3	0.0	83.6	90.4	81.7	0.0	0.0	158.7					89.1
11. PMOH	0.5	0.0	0.0	18.3	21.5	0.0	0.0	0.0					40.3
12. LR PM (MW)	0.0	0.0	0.0	134.2	160.4	0.0	0.0	0.0					146.5
13. NSC (MW)	395	395	395	385	385	385	385	385					388
14. OPR BTU(GBTU)	738.8508	0.0000	1079.5469	2183.3692	1635.5398	0.0000	0.0000	298.8781					5936.1848
15. NET GEN (MWH)	69574	0	102284	203080	152610	4	0	32495					560047
16. ANOHR (BTU/KWH)	10620	0	10554	10751	10717	0	0	9198					10599
17. NOF (%)	76.1	0.0	75.0	73.3	75.1	0.4	0.0	53.3					72.7
18. NPC (MW)	395	395	395	385	385	385	385	385					389
19. ANOHR EQUATION	ANOHR = NOF (-6.562) + 10,987.10)												

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ORIGINAL SHEET NO. 8.401.15A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2015 - DECEMBER 2015

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND 3	JAN 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	41.7	37.9	0.0	67.9	96.5	92.0	92.6	95.0					65.7
2. PH	744	672	743	720	744	720	744	744					5831
3. SH	311.0	290.1	0.0	530.7	740.2	706.9	738.1	744.0					4061.1
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.0
5. UH	433.0	381.9	743.0	189.3	3.8	13.1	5.9	0.0					1769.9
6. POH	328.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					328.0
7. FOH	105.0	381.9	743.0	189.3	3.8	13.1	5.9	0.0					1441.9
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.0
9. PFOH	12.5	94.5	0.0	95.7	10.9	371.6	679.1	596.6					1861.0
10. LR PF (MW)	19.0	117.3	0.0	144.9	184.2	15.5	17.3	12.6					28.1
11. PMOH	0.0	26.0	0.0	17.4	34.0	53.7	35.0	41.5					207.6
12. LR PM (MW)	0.0	118.4	0.0	146.2	197.4	221.2	215.1	173.7					187.6
13. NSC (MW)	400	400	400	395	395	395	395	395					396
14. OPR BTU(GBTU)	1230.4278	975.0337	0.0000	1897.9068	2936.1379	2654.2629	2670.8141	2668.6646					15033.2478
15. NET GEN (MWH)	118033	96603	0	182744	284110	253297	257420	266585					1458792
16. ANOHR BTU/KWH	10424	10093	0	10386	10335	10479	10375	10011					10305
17. NOF (%)	94.9	83.2	0.0	87.2	97.2	90.7	88.3	90.7					90.8
18. NPC (MW)	400	400	400	395	395	395	395	395					397
19. ANOHR EQUATION	ANOHR = NOF (-20.119) + 12,356.06)												

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ORIGINAL SHEET NO. 8.401.15A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2015 - DECEMBER 2015

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND 4	JAN 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	89.3	94.2	71.6	75.1	43.0	94.5	53.1	96.8					76.9
2. PH	744	672	743	720	744	720	744	744					5831
3. SH	737.2	672.0	690.9	625.1	367.7	720.0	418.9	744.0					4975.8
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.0
5. UH	6.8	0.0	52.1	94.9	376.3	0.0	325.1	0.0					855.2
6. POH	0.0	0.0	0.0	0.0	334.1	0.0	0.0	0.0					334.1
7. FOH	6.8	0.0	52.1	94.9	8.3	0.0	325.1	0.0					487.1
8. MOH	0.0	0.0	0.0	0.0	33.9	0.0	0.0	0.0					33.9
9. PFOH	623.5	385.3	574.2	593.8	128.1	573.0	370.7	740.0					3988.7
10. LR PF (MW)	49.6	43.8	114.9	62.2	157.5	27.1	27.0	13.9					51.8
11. PMOH	5.3	2.0	16.5	0.5	5.3	7.6	1.0	1.3					39.5
12. LR PM (MW)	265.2	241.9	255.9	0.0	144.2	248.5	255.9	0.0					228.4
13. NSC (MW)	442	442	442	437	437	437	437	437					439
14. OPR BTU(GBTU)	2912.9682	2749.3877	2353.6322	2425.5531	1361.2335	2890.0595	1674.0733	3148.2388					19515.1462
15. NET GEN (MWH)	281282	265001	220972	227208	132124	279714	162158	307507					1875966
16. ANOHR BTU/KWH	10356	10375	10651	10675	10303	10332	10324	10238					10403
17. NOF (%)	86.3	89.2	72.4	83.2	82.2	88.9	88.6	94.6					85.9
18. NPC (MW)	442	442	442	437	437	437	437	437					439
19. ANOHR EQUATION	ANOHR = NOF (-0.940) + 10,507.72)												

ORIGINAL SHEET NO. 8.401.15A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2015 - DECEMBER 2015

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
POLK 1	JAN 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	99.5	97.4	28.1	0.0	46.4	82.6	84.1	81.4					64.7
2. PH	744	672	743	720	744	720	744	744					5831
3. SH	740.4	654.6	208.6	0.0	345.2	594.5	625.7	422.0					3590.9
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	183.7					183.7
5. UH	3.6	17.4	534.4	720.0	398.8	125.5	118.3	138.3					2056.4
6. POH	0.0	0.0	534.4	644.0	0.0	0.0	0.0	0.0					1178.4
7. FOH	3.6	17.4	0.0	76.0	398.8	8.8	118.3	131.0					753.9
8. MOH	0.0	0.0	0.0	0.0	0.0	116.8	0.0	7.3					124.1
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)	1637.4274	1517.2426	433.2755	0.2600	538.1340	846.0231	1336.2829	1010.8787					7319.5243
15. NET GEN (MWH)	164627	147869	43671	-4977	60354	89147	133922	91110					725723
16. ANOHR BTU/KWH	9946	10261	9921	0	8916	9490	9978	11095					10086
17. NOF (%)	101.1	102.7	95.2	0.0	79.5	68.2	97.3	98.1					91.9
18. NPC (MW)	220	220	220	220	220	220	220	220					220
19. ANOHR EQUATION	ANOHR = NOF (-47.266) + 15,116.96)												

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ORIGINAL SHEET NO. 8.401.15A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2015 - DECEMBER 2015

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BAYSIDE UNIT 1	JAN 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	96.5	91.5	100.0	54.5	98.3	99.7	98.2	98.0					92.2
2. PH	744	672	743	720	744	720	744	744					5831
3. SH	415.9	663.6	743.0	418.7	744.0	720.0	744.0	739.4					5188.7
4. RSH	328.1	0.0	0.0	0.4	0.0	0.0	0.0	0.0					328.5
5. UH	0.0	8.4	0.0	300.9	0.0	0.0	0.0	4.6					313.8
6. POH	0.0	0.0	0.0	300.9	0.0	0.0	0.0	0.0					300.9
7. FOH	0.0	8.4	0.0	0.0	0.0	0.0	0.0	4.6					13.0
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.0
9. PFOH	30.6	146.5	0.0	7.7	31.7	0.7	0.0	23.0					240.2
10. LR PF (MW)	264.0	264.0	0.0	233.7	233.7	233.7	0.0	233.7					256.0
11. PMOH	47.0	0.0	0.0	720.0	6.9	5.3	39.1	9.0					827.3
12. LR PM (MW)	264.0	0.0	0.0	23.4	233.7	233.7	233.7	233.7					52.4
13. NSC (MW)	792	792	792	701	701	701	701	701					733
14. OPR BTU(GBTU)	1180.5760	2396.3580	2947.0150	1419.8050	2689.6150	2837.3740	2923.9470	2834.3390					19229.0290
15. NET GEN (MWH)	157484	320208	401081	189512	363344	387907	396532	387939					2604008
16. ANOHR (BTU/KWH)	7496	7484	7348	7492	7402	7315	7374	7306					7384
17. NOF (%)	47.8	60.9	68.2	64.6	69.7	76.9	76.0	74.8					68.5
18. NPC (MW)	792	792	792	701	701	701	701	701					735
19. ANOHR EQUATION	ANOHR = NOF (-12.819) + 8,084.29)												

ORIGINAL SHEET NO. 8.401.15A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2015 - DECEMBER 2015

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BAYSIDE UNIT 2	JAN 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	97.7	73.7	73.0	99.5	97.1	99.7	98.7	94.7					91.9
2. PH	744	672	743	720	744	720	744	744					5831
3. SH	731.8	304.8	562.9	720.0	744.0	720.0	744.0	744.0					5271.6
4. RSH	12.2	221.9	0.0	0.0	0.0	0.0	0.0	0.0					234.2
5. UH	0.0	145.2	180.1	0.0	0.0	0.0	0.0	0.0					325.3
6. POH	0.0	145.2	180.1	0.0	0.0	0.0	0.0	0.0					325.3
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	0.0	0.0	0.0	0.0	0.0					0.0
9. PFOH	25.8	2.7	18.5	15.0	80.1	7.2	1.9	3.8					155.0
10. LR PF (MW)	261.8	261.8	261.8	232.3	232.3	232.3	232.3	232.3					241.2
11. PMOH	43.9	672.0	553.0	0.0	7.4	0.0	37.4	154.5					1468.3
12. LR PM (MW)	261.8	47.7	30.2	0.0	232.3	0.0	232.3	232.3					72.6
13. NSC (MW)	1047	1047	1047	929	929	929	929	929					965
14. OPR BTU(GBTU)	3120.5920	1392.9090	2668.5240	3603.1780	3527.2140	3730.5400	4141.4530	3920.5380					26104.9480
15. NET GEN (MWH)	416548	184652	358379	475545	475533	507368	562236	537122					3517383
16. ANOHR (BTU/KWH)	7492	7543	7446	7577	7417	7353	7366	7299					7422
17. NOF (%)	54.4	57.9	60.8	71.1	68.8	75.9	81.3	77.7					69.2
18. NPC (MW)	1047	1047	1047	929	929	929	929	929					973
19. ANOHR EQUATION	ANOHR = NOF	(-7.052)	+	7,811.35)						

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**Tampa Electric Company
Outage Listing
(08/01/2015 - 08/31/2015)**

Unit: BIG BEND 1 MDC: 410 Run Date: 9/9/2015

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
431	Full Forced Delayed	07/30/2015	23:59:00	08/05/2015	08:02:00	104.03	0	1000	BLR Boiler tube leak	
432	Partial Forced Immed	08/05/2015	14:30:00	08/05/2015	15:52:00	1.37	310	8551	POLL Precipitator TR sets failed/ out of service	
433	Partial Forced Immed	08/05/2015	15:52:00	08/05/2015	16:20:00	0.47	210	8551	POLL Precipitator TR sets failed/ out of service. Extreme high	
434	Partial Forced Immed	08/05/2015	16:20:00	08/05/2015	18:30:00	2.17	200	8551	POLL Precipitator TR sets failed/ out of service. Extreme high	
435	Partial Forced Immed	08/05/2015	18:30:00	08/06/2015	10:15:00	15.75	345	8551	POLL Precipitator TR sets failed/ out of service. Extreme high	
436	Partial Forced Immed	08/06/2015	10:15:00	08/06/2015	11:40:00	1.42	340	8551	POLL Precipitator TR sets failed/ out of service.	
437	Partial Forced Immed	08/06/2015	11:40:00	08/06/2015	13:30:00	1.83	335	8551	POLL Precipitator TR sets failed/ out of service.	
438	Partial Forced Immed	08/06/2015	13:30:00	08/06/2015	14:10:00	0.67	340	8551	POLL Precipitator TR sets failed/ out of service.	
439	Partial Forced Immed	08/06/2015	14:10:00	08/06/2015	15:00:00	0.83	330	8551	POLL Precipitator TR sets failed/ out of service.	
440	Partial Forced Immed	08/06/2015	15:00:00	08/07/2015	00:15:00	9.25	340	8551	POLL Precipitator TR sets failed/ out of service.	
441	Planned Derating	08/07/2015	00:15:00	08/07/2015	04:20:00	4.08	235	0331	BLR A Mill coal leak repairs	
442	Partial Forced Immed	08/07/2015	04:20:00	08/08/2015	13:00:00	32.67	340	8551	POLL Precipitator TR sets failed/ out of service.	
443	Partial Forced Immed	08/08/2015	13:00:00	08/08/2015	13:35:00	0.58	305	8760	CEM High opacity. Suspect wet opacity monitor due to rain.	
444	Partial Forced Immed	08/08/2015	13:35:00	08/09/2015	12:05:00	22.5	340	8551	POLL Precipitator TR sets failed/ out of service	
445	Partial Forced Immed	08/09/2015	12:05:00	08/09/2015	14:20:00	2.25	320	8551	POLL Precipitator TR sets failed/ out of service	
446	Partial Forced Immed	08/09/2015	14:20:00	08/09/2015	16:10:00	1.83	325	8551	POLL Precipitator TR sets failed/ out of service	
447	Partial Forced Immed	08/09/2015	16:10:00	08/09/2015	22:07:00	5.95	320	8551	POLL Precipitator TR sets failed/ out of service	
448	Noncurtailing	08/09/2015	22:07:00	08/10/2015	00:08:00	2.02	300	0340	BLR Mill peaking	
449	Partial Forced Immed	08/10/2015	00:08:00	08/10/2015	18:00:00	17.87	320	8551	POLL Precipitator TR sets failed/ out of service	
450	Partial Forced Delayed	08/10/2015	18:00:00	08/11/2015	19:05:00	25.08	300	1350	BLR Operating at reduced steam header (1560#) due to sus	
451	Partial Forced Immed	08/11/2015	19:05:00	08/11/2015	20:32:00	1.45	240	0335	BLR Tripped C Mill due to outboard pinion bearing oil leak	
452	Partial Forced Immed	08/11/2015	20:32:00	08/14/2015	17:55:00	69.38	300	1350	BLR Operating at reduced steam header (1560#) due to sus	
453	Partial Forced Immed	08/14/2015	17:55:00	08/14/2015	20:32:00	2.62	210	8760	CEM High opacity. Suspect wet opacity monitor due to rain.	
454	Partial Forced Immed	08/14/2015	20:32:00	08/16/2015	14:34:00	42.03	300	1350	BLR Operating at reduced steam header (1560#) due to sus	
455	Full Forced Postponed	08/16/2015	14:34:00	08/22/2015	07:00:00	136.43	0	1050	BLR Boiler tube leak	
456	Planned Outage	08/22/2015	07:01:00	09/01/2015	00:00:00	232.98	0	4535	GEN Generator rewind	

**Tampa Electric Company
Outage Listing
(08/01/2015 - 08/31/2015)**

Unit:		BIG BEND 2		MDC:		410		Run Date:		9/9/2015	
Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description	
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC	
84	Full Forced Immed	06/12/2015	20:00:00	08/18/2015	10:24:00	418.4	0	4240	TURB #6 Bearing Vibration		
85	Partial Forced Immed	08/18/2015	18:15:00	08/18/2015	19:55:00	1.67	210	4499	TURB Rotor position reached upper limit		
86	Partial Forced Immed	08/18/2015	19:55:00	08/19/2015	01:20:00	5.42	210	4611	GEN Hydrogen cooler leak		
87	Full Forced Delayed	08/19/2015	01:20:00	08/25/2015	04:00:00	146.67	0	4611	GEN Hydrogen cooler leak		
88	Full Forced Delayed	08/25/2015	07:00:00	08/26/2015	03:40:00	20.67	0	4140	TURB #3 Bearing vibration		
89	Partial Forced Immed	08/26/2015	08:00:00	08/26/2015	13:30:00	5.5	250	0127	BLR C Crusher dryer pluggage		
90	Partial Forced Immed	08/26/2015	13:30:00	08/26/2015	20:10:00	6.67	250	0127	BLR B Crusher dryer pluggage		
91	Partial Forced Immed	08/26/2015	20:10:00	08/26/2015	22:39:00	2.48	310	0129	BLR Fuel flow problems		
92	Partial Forced Delayed	08/26/2015	22:39:00	08/27/2015	08:45:00	10.1	250	0313	BLR C Mill seal replacement		
93	Partial Forced Immed	08/27/2015	08:45:00	08/27/2015	10:20:00	1.58	220	0250	BLR B1 Coal feeder tripped		
94	Partial Forced Immed	08/27/2015	10:20:00	08/29/2015	19:03:00	56.72	250	0313	BLR C Mill seal replacement		
95	Partial Forced Immed	08/29/2015	19:03:00	08/30/2015	02:10:00	7.12	150	0344	BLR B and C Mills out of service. Pluggage suspected.		
96	Partial Forced Immed	08/30/2015	02:10:00	08/30/2015	13:20:00	11.17	240	0344	BLR B Mill pluggage		
97	Partial Forced Immed	08/30/2015	13:20:00	08/30/2015	15:25:00	2.08	150	0344	BLR B Mill inspection and C Mill possible pluggage		
98	Partial Forced Immed	08/30/2015	15:25:00	08/30/2015	17:15:00	1.83	240	0344	BLR B Mill inspection		
99	Partial Forced Immed	08/30/2015	17:15:00	08/30/2015	17:35:00	0.33	150	0344	BLR B Mill inspection and C Mill possible pluggage		
100	Partial Forced Immed	08/30/2015	17:35:00	08/31/2015	12:18:00	18.72	265	0344	BLR C Mill inspection		
101	Partial Forced Immed	08/31/2015	12:18:00	08/31/2015	17:20:00	5.03	185	0250	BLR B Coal feeder belt repair and C Mill inspection		
102	Partial Forced Immed	08/31/2015	17:20:00	08/31/2015	19:15:00	1.92	265	0344	BLR C Mill inspection		
103	Partial Forced Immed	08/31/2015	19:15:00	08/31/2015	20:40:00	1.42	270	0344	BLR C Mill inspection		

**Tampa Electric Company
Outage Listing
(08/01/2015 - 08/31/2015)**

Unit: BIG BEND 3 MDC: 420 Run Date: 9/9/2015

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
149	Partial Forced Immed	07/31/2015	07:52:00	08/04/2015	10:00:00	82	410	1510	BLR ID Fans inlet duct high differential pressure	
151	Partial Forced Immed	08/04/2015	10:00:00	08/06/2015	22:20:00	60.33	400	1510	BLR ID Fans inlet duct high differential pressure	
152	Partial Forced Immed	08/06/2015	22:20:00	08/08/2015	00:55:00	26.58	410	1510	BLR ID Fans inlet duct high differential pressure	
153	Planned Derating	08/08/2015	00:55:00	08/08/2015	06:00:00	5.08	270	0331	BLR A Pulverizer system coal leak repairs	
154	Partial Forced Immed	08/08/2015	06:00:00	08/08/2015	17:45:00	11.75	410	1510	BLR ID Fans inlet duct high differential pressure	
155	Partial Maintenance	08/08/2015	17:45:00	08/08/2015	18:35:00	0.83	310	4268	TURB Main Turbine valve testing	
156	Partial Forced Immed	08/08/2015	18:35:00	08/09/2015	01:30:00	6.92	410	1510	BLR ID Fans inlet duct high differential pressure	
157	Noncurtailing	08/09/2015	01:30:00	08/09/2015	04:00:00	2.5	310	0340	BLR Mill peaking	
158	Partial Forced Immed	08/09/2015	04:00:00	08/13/2015	02:15:00	94.25	410	1510	BLR ID Fans inlet duct high differential pressure	
159	Planned Derating	08/13/2015	02:15:00	08/13/2015	04:10:00	1.92	200	3210	BLPT B Circulating water pump repack	
160	Partial Forced Immed	08/13/2015	04:10:00	08/14/2015	00:05:00	19.92	410	1510	BLR ID Fans inlet duct high differential pressure	
161	Planned Derating	08/14/2015	00:05:00	08/14/2015	04:16:00	4.18	270	0127	BLR A mill crusher dryer repairs	
162	Partial Forced Immed	08/14/2015	04:16:00	08/14/2015	22:20:00	18.07	410	1510	BLR ID Fans inlet duct high differential pressure	
163	Planned Derating	08/14/2015	22:20:00	08/14/2015	23:50:00	1.5	290	0313	BLR Air seal repair	
164	Planned Derating	08/14/2015	23:50:00	08/15/2015	12:35:00	12.75	200	3199	COND ZBL system repairs	
165	Partial Forced Immed	08/15/2015	12:35:00	08/15/2015	14:35:00	2	410	1510	BLR ID Fans inlet duct high differential pressure	
166	Partial Forced Immed	08/15/2015	15:00:00	08/15/2015	15:35:00	0.58	415	1510	BLR ID Fans inlet duct high differential pressure	
167	Planned Derating	08/15/2015	21:15:00	08/15/2015	21:35:00	0.33	290	0331	BLR Coal leak repairs	
168	Planned Derating	08/15/2015	21:35:00	08/16/2015	04:00:00	6.42	190	1407	BLR A FD fan oil change	
169	Planned Derating	08/16/2015	04:00:00	08/16/2015	07:40:00	3.67	280	0331	BLR Coal leak repairs	
170	Partial Forced Immed	08/20/2015	06:00:00	08/20/2015	18:00:00	12	410	1510	BLR ID Fans inlet duct high differential pressure	
171	Partial Forced Immed	08/20/2015	18:00:00	08/21/2015	08:15:00	14.25	400	1510	BLR ID Fans inlet duct high differential pressure	
172	Partial Forced Immed	08/21/2015	08:15:00	08/21/2015	09:10:00	0.92	380	0250	BLR C2 Coal feeder tripped	
173	Partial Forced Immed	08/21/2015	09:10:00	08/21/2015	12:54:00	3.73	400	1510	BLR ID Fans inlet duct high differential pressure	
174	Partial Forced Immed	08/21/2015	12:54:00	08/21/2015	13:10:00	0.27	382	3240	BLPT B Cooling tower fan tripped	
175	Partial Forced Immed	08/21/2015	13:10:00	08/21/2015	16:00:00	2.83	250	8125	POLL B1 Absorber recycle pump tripped	
176	Partial Forced Immed	08/21/2015	16:00:00	08/22/2015	00:45:00	8.75	400	1510	BLR ID Fans inlet duct high differential pressure	
177	Planned Derating	08/22/2015	00:45:00	08/22/2015	05:35:00	4.83	250	0262	BLR A Primary air fan oil change	
178	Partial Forced Immed	08/22/2015	05:35:00	08/23/2015	00:35:00	19	400	1510	BLR ID Fans inlet duct high differential pressure	

**Tampa Electric Company
Outage Listing
(08/01/2015 - 08/31/2015)**

Unit: BIG BEND 3		MDC: 420		Run Date: 9/9/2015						
Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
179	Noncurtailing	08/23/2015	00:35:00	08/23/2015	03:30:00	2.92	385	0340	BLR Mill peaking	
180	Partial Forced Immed	08/23/2015	03:30:00	08/23/2015	07:36:00	4.1	405	1510	BLR ID Fans inlet duct high differential pressure	
181	Partial Forced Immed	08/23/2015	07:36:00	08/24/2015	00:01:00	16.42	410	1510	BLR ID Fans inlet duct high differential pressure	
182	Partial Forced Immed	08/24/2015	00:01:00	08/24/2015	05:45:00	5.73	400	1510	BLR ID Fans inlet duct high differential pressure	
183	Partial Forced Immed	08/24/2015	05:45:00	08/25/2015	12:00:00	30.25	405	1510	BLR ID Fans inlet duct high differential pressure	
184	Partial Forced Immed	08/25/2015	12:00:00	08/26/2015	06:00:00	18	410	1510	BLR ID Fans inlet duct high differential pressure	
185	Partial Forced Immed	08/26/2015	06:00:00	08/27/2015	00:01:00	18.02	405	1510	BLR ID Fans inlet duct high differential pressure	
186	Partial Forced Immed	08/27/2015	00:01:00	08/29/2015	17:00:00	64.98	410	1510	BLR ID Fans inlet duct high differential pressure	
187	Partial Forced Immed	08/29/2015	17:00:00	08/31/2015	02:20:00	33.33	405	1510	BLR ID Fans inlet duct high differential pressure	
188	Partial Forced Immed	08/31/2015	02:20:00	09/04/2015	05:00:00	21.67	410	1510	BLR ID Fans inlet duct high differential pressure	

**Tampa Electric Company
Outage Listing
(08/01/2015 - 08/31/2015)**

Unit: BIG BEND 4 MDC: 470 Run Date: 9/9/2015

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
186	Partial Forced Immed	07/29/2015	07:00:00	08/03/2015	06:00:00	54	455	0570	BLR	Low Reheat steam temps
188	Partial Forced Immed	08/03/2015	06:00:00	08/03/2015	19:00:00	13	460	0570	BLR	Low Reheat steam temps
189	Partial Forced Immed	08/03/2015	19:00:00	08/09/2015	02:15:00	127.25	465	0570	BLR	Low Reheat steam temps
190	Partial Maintenance	08/09/2015	02:15:00	08/09/2015	03:30:00	1.25	220	4268	TURB	Turbine valve testing
191	Partial Forced Immed	08/09/2015	03:30:00	08/09/2015	08:55:00	5.42	465	0570	BLR	Low Reheat steam temps
192	Partial Forced Immed	08/09/2015	08:55:00	08/12/2015	14:00:00	77.08	460	0570	BLR	Low Reheat steam temps
193	Partial Forced Immed	08/12/2015	14:00:00	08/12/2015	17:15:00	3.25	450	8262	POLL	D Booster fan high vibration
194	Partial Forced Immed	08/12/2015	17:15:00	08/17/2015	09:00:00	111.75	460	0570	BLR	Low Reheat steam temps
195	Partial Forced Immed	08/17/2015	09:00:00	08/18/2015	07:24:00	22.4	450	0570	BLR	Low Reheat steam temps
196	Partial Forced Immed	08/18/2015	07:24:00	08/18/2015	11:15:00	3.85	460	0570	BLR	Low Reheat steam temps
197	Partial Forced Immed	08/18/2015	14:00:00	08/18/2015	22:45:00	8.75	460	0570	BLR	Low Reheat steam temps
198	Partial Forced Immed	08/18/2015	22:45:00	08/20/2015	04:00:00	29.25	465	0570	BLR	Low Reheat steam temps
199	Partial Forced Immed	08/20/2015	04:00:00	08/20/2015	06:25:00	2.42	455	1493	BLR	Air Preheater high differential pressure
200	Partial Forced Immed	08/20/2015	06:25:00	08/31/2015	12:40:00	270.25	460	0570	BLR	Low Reheat steam temps
201	Partial Forced Delayed	08/31/2015	12:40:00	08/31/2015	13:18:00	0.63	225	3261	BLPT	A Traveling screen pluggage
202	Partial Forced Immed	08/31/2015	13:18:00	08/31/2015	13:30:00	0.2	460	0570	BLR	Low Reheat steam temps
203	Partial Forced Immed	08/31/2015	13:30:00	08/31/2015	15:30:00	2	425	1470	BLR	B ID Fan channel 1 tripped
204	Partial Forced Immed	08/31/2015	15:30:00	09/01/2015	06:25:00	8.5	460	0570	BLR	Low Reheat steam temps

**Tampa Electric Company
Outage Listing
(08/01/2015 - 08/31/2015)**

Unit:		POLK 1		MDC:		290		Run Date:		9/9/2015	
Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description	
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC	
37	Partial Forced Immed	08/01/2015	06:59:00	08/08/2015	04:19:00	5.03	200	5049	GAST	8I Caustic additon to the slurry system plugged CSC's,	
37	Partial Forced Immed	08/01/2015	06:59:00	08/08/2015	04:19:00	67.65	200	5049	GAST	8I Caustic additon to the slurry system plugged CSC's,	
37	Partial Forced Immed	08/01/2015	06:59:00	08/08/2015	04:19:00	7.3	200	5049	GAST	8I Caustic additon to the slurry system plugged CSC's,	
37	Partial Forced Immed	08/01/2015	06:59:00	08/08/2015	04:19:00	77.08	200	5049	GAST	8I Caustic additon to the slurry system plugged CSC's,	
37	Partial Forced Immed	08/01/2015	06:59:00	08/08/2015	04:19:00	8.27	200	5049	GAST	8I Caustic additon to the slurry system plugged CSC's,	
38	Reserve Shutdown	08/01/2015	12:01:00	08/04/2015	07:40:00	67.65	0	0000	UNKN	RESERVE SHUTDOWN	
39	Maintenance Outage	08/04/2015	07:40:00	08/04/2015	14:58:00	7.3	0	4430	TURB	Repaired Seal Steam Dump valve/pressure valve	
40	Reserve Shutdown	08/04/2015	14:58:00	08/07/2015	20:03:00	77.08	0	0000	UNKN	RESERVE SHUTDOWN	
41	Full Forced Immed	08/18/2015	14:34:00	08/18/2015	16:33:00	1.98	0	8699	POLL	1F DGAN tripped, tripping GTG. DGAN unkown reasor	
42	Partial Forced Immed	08/24/2015	08:30:00	09/01/2015	08:00:00	0.77	200	5049	GAST	7I, IPAT/F Cooler failed	
42	Partial Forced Immed	08/24/2015	08:30:00	09/01/2015	08:00:00	14.77	200	5049	GAST	7I, IPAT/F Cooler failed	
42	Partial Forced Immed	08/24/2015	08:30:00	09/01/2015	08:00:00	38.97	200	5049	GAST	7I, IPAT/F Cooler failed	
42	Partial Forced Immed	08/24/2015	08:30:00	09/01/2015	08:00:00	129	200	5049	GAST	7I, IPAT/F Cooler failed	
43	Partial Forced Immed	08/24/2015	08:30:00	08/24/2015	09:16:00	0.77	150	4499	TURB	STG tripped on High Condenser Vacuum, associated v	
44	Reserve Shutdown	08/25/2015	00:02:00	08/26/2015	15:00:00	38.97	0	0000	UNKN	RESERVE SHUTDOWN	
45	Full Forced Immed	08/26/2015	15:00:00	01/01/2016	00:00:00	129	0	5109	GAST	Hole discovered in Exhaust Duct, interior and exterior c	

**Tampa Electric Company
Outage Listing
(08/01/2015 - 08/31/2015)**

Unit: BAYSIDE ST1		MDC: 236		Run Date: 9/9/2015						
Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
6	Full Forced Immed	08/14/2015	10:39:00	08/14/2015	15:14:00	4.58	0	4302	TURB	False hi vibration spike on #2 bearing

**Tampa Electric Company
Outage Listing
(08/01/2015 - 08/31/2015)**

Unit: BAYSIDE CT1A MDC: 158 Run Date: 9/9/2015

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
89	Maintenance Outage	08/01/2015	00:00:00	08/01/2015	08:59:00	8.98	0	5041	GAST	Fuel gas valve replacement
90	Full Forced Immed	08/01/2015	09:00:00	08/02/2015	00:26:00	15.43	0	5111	GAST	Emergency seal oil pump failure
91	Reserve Shutdown	08/02/2015	00:27:00	08/02/2015	07:26:00	6.98	0	0000	UNKN	RESERVE SHUTDOWN
92	Reserve Shutdown	08/03/2015	11:39:00	08/03/2015	19:32:00	7.88	0	0000	UNKN	RESERVE SHUTDOWN
93	Reserve Shutdown	08/05/2015	22:48:00	08/06/2015	05:44:00	6.93	0	0000	UNKN	RESERVE SHUTDOWN
94	Reserve Shutdown	08/07/2015	01:16:00	08/07/2015	08:38:00	7.37	0	0000	UNKN	RESERVE SHUTDOWN
95	Reserve Shutdown	08/07/2015	23:02:00	08/08/2015	09:15:00	10.22	0	0000	UNKN	RESERVE SHUTDOWN
96	Reserve Shutdown	08/09/2015	21:17:00	08/10/2015	07:00:00	9.72	0	0000	UNKN	RESERVE SHUTDOWN
97	Reserve Shutdown	08/10/2015	21:47:00	08/11/2015	07:22:00	9.58	0	0000	UNKN	RESERVE SHUTDOWN
98	Reserve Shutdown	08/11/2015	22:30:00	08/12/2015	06:42:00	8.2	0	0000	UNKN	RESERVE SHUTDOWN
99	Reserve Shutdown	08/13/2015	00:23:00	08/13/2015	08:34:00	8.18	0	0000	UNKN	RESERVE SHUTDOWN
100	Reserve Shutdown	08/13/2015	22:46:00	08/14/2015	07:17:00	8.52	0	0000	UNKN	RESERVE SHUTDOWN
101	Reserve Shutdown	08/14/2015	23:22:00	08/15/2015	11:07:00	11.75	0	0000	UNKN	RESERVE SHUTDOWN
102	Reserve Shutdown	08/16/2015	20:59:00	08/17/2015	06:16:00	9.28	0	0000	UNKN	RESERVE SHUTDOWN
103	Reserve Shutdown	08/18/2015	00:16:00	08/18/2015	08:21:00	8.08	0	0000	UNKN	RESERVE SHUTDOWN
104	Reserve Shutdown	08/19/2015	00:32:00	08/19/2015	09:00:00	8.47	0	0000	UNKN	RESERVE SHUTDOWN
105	Reserve Shutdown	08/22/2015	00:42:00	08/22/2015	07:39:00	6.95	0	0000	UNKN	RESERVE SHUTDOWN
106	Reserve Shutdown	08/25/2015	00:51:00	08/25/2015	07:46:00	6.92	0	0000	UNKN	RESERVE SHUTDOWN
107	Reserve Shutdown	08/26/2015	23:11:00	08/27/2015	06:11:00	7	0	0000	UNKN	RESERVE SHUTDOWN
108	Reserve Shutdown	08/27/2015	23:29:00	08/28/2015	07:01:00	7.53	0	0000	UNKN	RESERVE SHUTDOWN
109	Reserve Shutdown	08/28/2015	11:06:00	08/29/2015	06:47:00	19.68	0	0000	UNKN	RESERVE SHUTDOWN
110	Reserve Shutdown	08/29/2015	23:28:00	08/30/2015	08:48:00	9.33	0	0000	UNKN	RESERVE SHUTDOWN
111	Reserve Shutdown	08/30/2015	23:42:00	08/31/2015	06:36:00	6.9	0	0000	UNKN	RESERVE SHUTDOWN
112	Reserve Shutdown	08/31/2015	22:19:00	08/31/2015	23:59:00	1.67	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(08/01/2015 - 08/31/2015)**

Unit: BAYSIDE CT1B MDC: 158 Run Date: 9/9/2015

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
73	Reserve Shutdown	08/11/2015	23:14:00	08/12/2015	09:19:00	10.08	0	0000	UNKN	RESERVE SHUTDOWN
74	Reserve Shutdown	08/14/2015	01:52:00	08/14/2015	09:02:00	7.17	0	0000	UNKN	RESERVE SHUTDOWN
75	Reserve Shutdown	08/14/2015	22:04:00	08/15/2015	09:04:00	11	0	0000	UNKN	RESERVE SHUTDOWN
76	Reserve Shutdown	08/17/2015	00:13:00	08/17/2015	08:44:00	8.52	0	0000	UNKN	RESERVE SHUTDOWN
77	Reserve Shutdown	08/19/2015	23:46:00	08/20/2015	07:04:00	7.3	0	0000	UNKN	RESERVE SHUTDOWN
78	Reserve Shutdown	08/29/2015	01:19:00	08/29/2015	09:34:00	8.25	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(08/01/2015 - 08/31/2015)**

Unit: BAYSIDE CT1C MDC: 158 Run Date: 9/9/2015

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
95	Reserve Shutdown	08/01/2015	00:00:00	08/01/2015	07:11:00	7.18	0	0000	UNKN	RESERVE SHUTDOWN
96	Reserve Shutdown	08/03/2015	23:59:00	08/04/2015	01:29:00	1.5	0	0000	UNKN	RESERVE SHUTDOWN
97	Full Forced Immed	08/04/2015	01:30:00	08/04/2015	09:03:00	7.55	0	5248	GAST	Processor took unit off turning gear/ processor issue c
98	Reserve Shutdown	08/04/2015	09:04:00	08/04/2015	09:28:00	0.4	0	0000	UNKN	RESERVE SHUTDOWN
99	Reserve Shutdown	08/07/2015	11:55:00	08/08/2015	10:16:00	22.35	0	0000	UNKN	RESERVE SHUTDOWN
100	Reserve Shutdown	08/09/2015	22:39:00	08/10/2015	08:48:00	10.15	0	0000	UNKN	RESERVE SHUTDOWN
101	Reserve Shutdown	08/10/2015	22:24:00	08/11/2015	08:54:00	10.5	0	0000	UNKN	RESERVE SHUTDOWN
102	Reserve Shutdown	08/15/2015	19:43:00	08/16/2015	09:32:00	13.82	0	0000	UNKN	RESERVE SHUTDOWN
103	Reserve Shutdown	08/20/2015	00:34:00	08/20/2015	08:55:00	8.35	0	0000	UNKN	RESERVE SHUTDOWN
104	Reserve Shutdown	08/21/2015	00:29:00	08/21/2015	07:29:00	7	0	0000	UNKN	RESERVE SHUTDOWN
105	Reserve Shutdown	08/27/2015	00:01:00	08/27/2015	06:58:00	6.95	0	0000	UNKN	RESERVE SHUTDOWN
106	Reserve Shutdown	08/30/2015	00:38:00	08/30/2015	10:30:00	9.87	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(08/01/2015 - 08/31/2015)**

Unit:		MDC:						Run Date:		
BAYSIDE ST2		308						9/9/2015		
Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC

**Tampa Electric Company
Outage Listing
(08/01/2015 - 08/31/2015)**

Unit: BAYSIDE CT2A		MDC: 158		Run Date: 9/9/2015						
Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
124	Reserve Shutdown	08/02/2015	00:53:00	08/02/2015	10:39:00	9.77	0	0000	UNKN	RESERVE SHUTDOWN
125	Reserve Shutdown	08/02/2015	23:54:00	08/03/2015	08:33:00	8.65	0	0000	UNKN	RESERVE SHUTDOWN
126	Reserve Shutdown	08/06/2015	00:01:00	08/06/2015	08:58:00	8.95	0	0000	UNKN	RESERVE SHUTDOWN
127	Reserve Shutdown	08/08/2015	23:31:00	08/09/2015	08:38:00	9.12	0	0000	UNKN	RESERVE SHUTDOWN
128	Reserve Shutdown	08/13/2015	23:45:00	08/14/2015	10:13:00	10.47	0	0000	UNKN	RESERVE SHUTDOWN
129	Reserve Shutdown	08/16/2015	01:37:00	08/16/2015	09:59:00	8.37	0	0000	UNKN	RESERVE SHUTDOWN
130	Reserve Shutdown	08/26/2015	22:10:00	08/27/2015	06:17:00	8.12	0	0000	UNKN	RESERVE SHUTDOWN
131	Full Forced Immed	08/27/2015	06:18:00	08/27/2015	10:06:00	3.8	0	5246	GAST	Failure to sync to grid.
132	Reserve Shutdown	08/27/2015	10:07:00	08/27/2015	13:34:00	3.45	0	0000	UNKN	RESERVE SHUTDOWN
133	Reserve Shutdown	08/28/2015	23:43:00	08/29/2015	08:47:00	9.07	0	0000	UNKN	RESERVE SHUTDOWN
134	Reserve Shutdown	08/30/2015	22:47:00	08/31/2015	05:54:00	7.12	0	0000	UNKN	RESERVE SHUTDOWN
135	Reserve Shutdown	08/31/2015	23:39:00	08/31/2015	23:59:00	0.33	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(08/01/2015 - 08/31/2015)**

Unit: BAYSIDE CT2B		MDC: 158		Run Date: 9/9/2015						
Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
96	Maintenance Outage	08/01/2015	00:00:00	08/02/2015	14:43:00	38.72	0	5035	GAST	Scheduled outage Compressor Water Wash and Bore:
97	Reserve Shutdown	08/18/2015	22:59:00	08/19/2015	07:02:00	8.05	0	0000	UNKN	RESERVE SHUTDOWN
98	Reserve Shutdown	08/31/2015	00:51:00	08/31/2015	09:30:00	8.65	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(08/01/2015 - 08/31/2015)**

Unit: BAYSIDE CT2C MDC: 158 Run Date: 9/9/2015

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
105	Reserve Shutdown	08/03/2015	23:07:00	08/04/2015	06:02:00	6.92	0	0000	UNKN	RESERVE SHUTDOWN
106	Reserve Shutdown	08/04/2015	23:20:00	08/05/2015	07:41:00	8.35	0	0000	UNKN	RESERVE SHUTDOWN
107	Reserve Shutdown	08/05/2015	23:22:00	08/06/2015	07:33:00	8.18	0	0000	UNKN	RESERVE SHUTDOWN
108	Reserve Shutdown	08/06/2015	23:17:00	08/07/2015	06:27:00	7.17	0	0000	UNKN	RESERVE SHUTDOWN
109	Reserve Shutdown	08/08/2015	21:51:00	08/09/2015	06:48:00	8.95	0	0000	UNKN	RESERVE SHUTDOWN
110	Reserve Shutdown	08/12/2015	23:19:00	08/13/2015	06:28:00	7.15	0	0000	UNKN	RESERVE SHUTDOWN
111	Reserve Shutdown	08/13/2015	21:13:00	08/14/2015	11:03:00	13.83	0	0000	UNKN	RESERVE SHUTDOWN
112	Reserve Shutdown	08/15/2015	23:33:00	08/16/2015	08:20:00	8.78	0	0000	UNKN	RESERVE SHUTDOWN
113	Reserve Shutdown	08/23/2015	01:13:00	08/23/2015	09:09:00	7.93	0	0000	UNKN	RESERVE SHUTDOWN
114	Reserve Shutdown	08/23/2015	22:49:00	08/24/2015	08:13:00	9.4	0	0000	UNKN	RESERVE SHUTDOWN
115	Reserve Shutdown	08/28/2015	00:07:00	08/28/2015	09:34:00	9.45	0	0000	UNKN	RESERVE SHUTDOWN
116	Reserve Shutdown	08/28/2015	21:25:00	08/29/2015	00:42:00	3.28	0	0000	UNKN	RESERVE SHUTDOWN
117	Maintenance Outage	08/29/2015	00:43:00	08/29/2015	10:19:00	9.6	0	3832	BLPT	Replace IP Safety Vlv 377, Weld repair IP Drn Vlv 292

**Tampa Electric Company
Outage Listing
(08/01/2015 - 08/31/2015)**

Unit: BAYSIDE CT2D		MDC: 158		Run Date: 9/9/2015						
Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
43	Reserve Shutdown	08/01/2015	23:51:00	08/02/2015	08:22:00	8.52	0	0000	UNKN	RESERVE SHUTDOWN
44	Reserve Shutdown	08/02/2015	22:33:00	08/03/2015	06:23:00	7.83	0	0000	UNKN	RESERVE SHUTDOWN
45	Reserve Shutdown	08/08/2015	19:05:00	08/08/2015	22:12:00	3.12	0	0000	UNKN	RESERVE SHUTDOWN
46	Maintenance Outage	08/08/2015	22:13:00	08/13/2015	08:25:00	106.2	0	5035	GAST	Scheduled outage Compressor Water Wash and Bore:
47	Reserve Shutdown	08/13/2015	08:26:00	08/13/2015	09:07:00	0.68	0	0000	UNKN	RESERVE SHUTDOWN
48	Reserve Shutdown	08/15/2015	00:27:00	08/15/2015	09:55:00	9.47	0	0000	UNKN	RESERVE SHUTDOWN
49	Reserve Shutdown	08/15/2015	22:32:00	08/16/2015	10:31:00	11.98	0	0000	UNKN	RESERVE SHUTDOWN
50	Reserve Shutdown	08/22/2015	11:50:00	08/23/2015	08:28:00	20.63	0	0000	UNKN	RESERVE SHUTDOWN
51	Reserve Shutdown	08/23/2015	23:33:00	08/24/2015	06:18:00	6.75	0	0000	UNKN	RESERVE SHUTDOWN
52	Reserve Shutdown	08/27/2015	22:57:00	08/28/2015	06:16:00	7.32	0	0000	UNKN	RESERVE SHUTDOWN
53	Reserve Shutdown	08/29/2015	22:05:00	08/30/2015	09:56:00	11.85	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 5e GE Logic Controller
CSC	Convective Syngas Coolers	MOC	Motor Operated Control
CT	Combustion Turbine	MOV	Motor Operated Valve
DCS	Digital Control System	N ₂	Nitrogen
EGT	Exit Gas Temperature	PLC	Programmable Logic Controller
EH	Electro Hydraulic	Pp	Pump
FAT	Final Absorber Tower	R/R	Remove and replace
FD	Forced Draft	RATA	Relative Accuracy Test Audit
Fdwtr	Feed water	RSV	Reheat Stop Valve
FGD	Flue Gas Desulfurization	RTD	Resistance Temperature Device
GEHO	Manufacturer of Slurry Pump	SAP	Sulfuric Acid Plant
GTG	Gas Turbine Generator	ST	Steam Turbine
HP	High Pressure	STARSS	Strategic Anti-Rotating Stall Schedule
HRSG	Heat Recovery Steam Generator	T/R	Transformer Rectifier
HX	Heat Exchanger	TC	Thermocouple
IAS	Instrument Air Supply	WWTL	Water wall tube leak
ID	Induced Draft	ZBL	Zero Ball Loss condenser cleaning system