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October 26, 2015

ELECTRONIC FILING

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

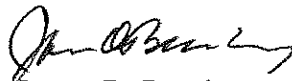
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor; FPSC Docket No. 150001-EI

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 September 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 26th day of October 2015, to the following:

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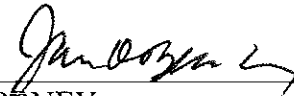
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ATTORNEY

ORIGINAL SHEET NO. 8.401.15A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2015 - DECEMBER 2015

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND 1	JAN 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	64.4	86.8	76.6	93.3	80.0	86.3	72.3	28.0	0.0				65.1
2. PH	744	672	743	720	744	720	744	744	720				6551
3. SH	532.3	672.0	681.9	719.6	642.6	719.7	720.0	270.5	0.0				4958.5
4. RSH	0.0	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	720.0				1592.5
6. POH	211.8	0.0	0.0	0.0	0.0	0.0	0.0	233.0	720.0				1164.7
7. FOH	0.0	0.0	61.1	0.4	53.2	0.0	24.0	240.5	0.0				379.1
8. MOH	0.0	0.0	0.0	0.0	48.3	0.3	0.0	0.0	0.0				48.6
9. PFOH	520.0	677.8	668.6	705.8	605.8	651.7	715.4	258.0	0.0				4803.1
10. LR PF (MW)	40.4	51.7	65.2	25.4	28.2	44.0	96.8	90.7	0.0				53.3
11. PMOH	0.3	0.3	6.3	6.3	8.1	51.1	4.6	4.1	0.0				80.9
12. LR PM (MW)	0.0	0.0	175.5	78.1	144.8	177.2	168.6	164.3	0.0				163.7
13. NSC (MW)	395	395	395	385	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	0.0000				16963.7976
15. NET GEN (MWH)	172923	224631	218619	252349	224991	218554	196231	71912	0				1580210
16. ANOHR (BTU/KWH)	10636	10509	10749	10560	10556	10896	11606	9949	0				10735
17. NOF (%)	82.3	84.6	81.2	91.1	90.9	78.9	70.8	69.0	0.0				82.0
18. NPC (MW)	395	395	395	385	385	385	385	385	385				388
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	78.3				32.0
2. PH	744	672	743	720	744	720	744	744	720				6551
3. SH	231.3	0.0	345.1	720.0	527.7	2.6	0.0	158.3	602.2				2587.2
4. RSH	0.0	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	117.8				3963.8
6. POH	235.8	0.0	0.0	0.0	137.0	281.4	0.0	0.0	0.0				654.1
7. FOH	276.9	672.0	397.9	0.0	79.3	436.0	744.0	585.7	117.8				3309.7
8. MOH	0.0	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	203.1				2117.5
10. LR PF (MW)	67.3	0.0	83.6	90.4	81.7	0.0	0.0	158.7	63.2				86.7
11. PMOH	0.5	0.0	0.0	18.3	21.5	0.0	0.0	0.0	15.5				55.8
12. LR PM (MW)	0.0	0.0	0.0	134.2	160.4	0.0	0.0	0.0	130.3				142.0
13. NSC (MW)	395	395	395	385	385	385	385	385	385				387
14. OPR BTU(GBTU)	738.8508	0.0000	1079.5469	2183.3692	1635.5398	0.0000	0.0000	298.8781	2035.9148				7972.0997
15. NET GEN (MWH)	69574	0	102284	203080	152610	4	0	32495	199727				759774
16. ANOHR (BTU/KWH)	10620	0	10554	10751	10717	0	0	9198	10193				10493
17. NOF (%)	76.1	0.0	75.0	73.3	75.1	0.4	0.0	53.3	86.2				75.8
18. NPC (MW)	395	395	395	385	385	385	385	385	385				388
19. ANOHR EQUATION	ANOHR = NOF (-6.562) + 10,987.10)												

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	57.2				64.8
2. PH	744	672	743	720	744	720	744	744	720				6551
3. SH	311.0	290.1	0.0	530.7	740.2	706.9	738.1	744.0	509.5				4570.6
4. RSH	0.0	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	210.5				1980.4
6. POH	328.0	0.0	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	210.5				1652.4
8. MOH	0.0	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	471.9				2332.9
10. LR PF (MW)	19.0	117.3	0.0	144.9	184.2	15.5	17.3	12.6	81.7				38.9
11. PMOH	0.0	26.0	0.0	17.4	34.0	53.7	35.0	41.5	4.8				212.3
12. LR PM (MW)	0.0	118.4	0.0	146.2	197.4	221.2	215.1	173.7	28.2				184.1
13. NSC (MW)	400	400	400	395	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	1614.3098				16647.5576
15. NET GEN (MWH)	118033	96603	0	182744	284110	253297	257420	266585	154930				1613722
16. ANOHR BTU/KWH	10424	10093	0	10386	10335	10479	10375	10011	10420				10316
17. NOF (%)	94.9	83.2	0.0	87.2	97.2	90.7	88.3	90.7	77.0				89.2
18. NPC (MW)	400	400	400	395	395	395	395	395	395				397
19. ANOHR EQUATION	ANOHR = NOF (-20.119) + 12,356.06)												

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	94.7				78.9
2. PH	744	672	743	720	744	720	744	744	720				6551
3. SH	737.2	672.0	690.9	625.1	367.7	720.0	418.9	744.0	720.0				5695.8
4. RSH	0.0	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	0.0				855.2
6. POH	0.0	0.0	0.0	0.0	334.1	0.0	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	0.0				487.1
8. MOH	0.0	0.0	0.0	0.0	33.9	0.0	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	713.9				4702.5
10. LR PF (MW)	49.6	43.8	114.9	62.2	157.5	27.1	27.0	13.9	22.3				47.3
11. PMOH	5.3	2.0	16.5	0.5	5.3	7.6	1.0	1.3	6.1				45.7
12. LR PM (MW)	265.2	241.9	255.9	0.0	144.2	248.5	255.9	0.0	143.8				217.0
13. NSC (MW)	442	442	442	437	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	2886.6955				22401.8416
15. NET GEN (MWH)	281282	265001	220972	227208	132124	279714	162158	307507	277454				2153420
16. ANOHR BTU/KWH	10356	10375	10651	10675	10303	10332	10324	10238	10404				10403
17. NOF (%)	86.3	89.2	72.4	83.2	82.2	88.9	88.6	94.6	88.2				86.2
18. NPC (MW)	442	442	442	437	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	93.9				67.9
2. PH	744	672	743	720	744	720	744	744	720				6551
3. SH	740.4	654.6	208.6	0.0	345.2	594.5	625.7	422.0	652.6				4243.5
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	183.7	23.8				207.5
5. UH	3.6	17.4	534.4	720.0	398.8	125.5	118.3	138.3	43.6				2100.0
6. POH	0.0	0.0	534.4	644.0	0.0	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	43.6				797.6
8. MOH	0.0	0.0	0.0	0.0	0.0	116.8	0.0	7.3	0.0				124.1
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)	1637.4274	1517.2426	433.2755	0.2600	538.1340	846.0231	1336.2829	1010.8787	1444.8560				8764.3803
15. NET GEN (MWH)	164627	147869	43671	-4977	60354	89147	133922	91110	141235				866958
16. ANOHR BTU/KWH	9946	10261	9921	0	8916	9490	9978	11095	10230				10109
17. NOF (%)	101.1	102.7	95.2	0.0	79.5	68.2	97.3	98.1	98.4				92.9
18. NPC (MW)	220	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	98.9				92.9	
2. PH	744	672	743	720	744	720	744	744	720				6551	
3. SH	415.9	663.6	743.0	418.7	744.0	720.0	744.0	739.4	720.0				5908.7	
4. RSH	328.1	0.0	0.0	0.4	0.0	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	0.0				313.8	
6. POH	0.0	0.0	0.0	300.9	0.0	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	0.0				13.0	
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0	
9. PFOH	30.6	146.5	0.0	7.7	31.7	0.7	0.0	23.0	13.5				253.7	
10. LR PF (MW)	264.0	264.0	0.0	233.7	233.7	233.7	0.0	233.7	233.7				254.8	
11. PMOH	47.0	0.0	0.0	720.0	6.9	5.3	39.1	9.0	11.2				838.5	
12. LR PM (MW)	264.0	0.0	0.0	23.4	233.7	233.7	233.7	233.7	233.7				54.8	
13. NSC (MW)	792	792	792	701	701	701	701	701	701				729	
14. OPR BTU(GBTU)	1180.5760	2396.3580	2947.0150	1419.8050	2689.6150	2837.3740	2923.9470	2834.3390	2787.2340				22016.2630	
15. NET GEN (MWH)	157484	320208	401081	189512	363344	387907	396532	387939	383082				2987090	
16. ANOHR (BTU/KWH)	7496	7484	7348	7492	7402	7315	7374	7306	7276				7370	
17. NOF (%)	47.8	60.9	68.2	64.6	69.7	76.9	76.0	74.8	75.9				69.3	
18. NPC (MW)	792	792	792	701	701	701	701	701	701				731	
19. ANOHR EQUATION	ANOHR = NOF (-12.819) + 8,084.29)													
EUOF	3.5	8.5	0.0	45.1	1.7	0.3							#	7.1
EUOF	2.3	26.1	26.8	0.5	2.9	0.3								9.7
	2.9	17.3	13.4	22.8	2.3	0.3							#	8.4

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	96.2				92.4
2. PH	744	672	743	720	744	720	744	744	720				6551
3. SH	731.8	304.8	562.9	720.0	744.0	720.0	744.0	744.0	720.0				5991.6
4. RSH	12.2	221.9	0.0	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	0.0				325.3
6. POH	0.0	145.2	180.1	0.0	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				0.0
8. MOH	0.0	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	0.2				155.2
10. LR PF (MW)	261.8	261.8	261.8	232.3	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	108.9				1577.2
12. LR PM (MW)	261.8	47.7	30.2	0.0	232.3	0.0	232.3	232.3	232.3				83.6
13. NSC (MW)	1047	1047	1047	929	929	929	929	929	929				961
14. OPR BTU(GBTU)	3120.5920	1392.9090	2668.5240	3603.1780	3527.2140	3730.5400	4141.4530	3920.5380	3692.9140				29797.8620
15. NET GEN (MWH)	416548	184652	358379	475545	475533	507368	562236	537122	507647				4025030
16. ANOHR (BTU/KWH)	7492	7543	7446	7577	7417	7353	7366	7299	7275				7403
17. NOF (%)	54.4	57.9	60.8	71.1	68.8	75.9	81.3	77.7	75.9				69.9
18. NPC (MW)	1047	1047	1047	929	929	929	929	929	929				968
19. ANOHR EQUATION	ANOHR = NOF	(-7.052)	+	7,811.35)						
EUOF	2.3	26.1	26.8	0.5	2.9	0.3							7.6

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**Tampa Electric Company
Outage Listing
(09/01/2015 - 09/30/2015)**

Unit:		BIG BEND 1		MDC:		410		Run Date:		10/9/2015	
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	
456	Planned Outage	08/22/2015	07:01:00	10/01/2015	00:00:00	720	0	4535	GEN	Generator rewind	

**Tampa Electric Company
Outage Listing
(09/01/2015 - 09/30/2015)**

Unit: BIG BEND 2 MDC: 410 Run Date: 10/9/2015

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
104	Partial Forced Immed	09/01/2015	06:00:00	09/01/2015	08:10:00	2.17	310	9290	EXTL	Partially burned fuel in hanging hoppers
105	Partial Forced Immed	09/01/2015	08:10:00	09/01/2015	11:35:00	3.42	300	9290	EXTL	Partially burned fuel in hanging hoppers
106	Partial Forced Immed	09/01/2015	11:35:00	09/01/2015	12:25:00	0.83	265	0340	BLR	C Pulverizer plugged with coal
107	Partial Forced Immed	09/01/2015	12:25:00	09/02/2015	09:25:00	21	270	0340	BLR	C Pulverizer plugged with coal
108	Partial Forced Immed	09/02/2015	09:25:00	09/03/2015	04:25:00	19	310	0340	BLR	C Pulverizer plugged with coal
109	Partial Forced Immed	09/03/2015	04:25:00	09/03/2015	08:10:00	3.75	340	0340	BLR	C Pulverizer plugged with coal
110	Partial Forced Delayed	09/03/2015	08:10:00	09/03/2015	19:55:00	11.75	230	0313	BLR	B Pulverizer seal replacement
111	Partial Forced Immed	09/03/2015	19:55:00	09/03/2015	23:10:00	3.25	340	0340	BLR	C Pulverizer plugged with coal
112	Full Forced Delayed	09/04/2015	16:14:00	09/09/2015	12:05:00	115.85	0	1350	BLR	Boiler tube leak
113	Partial Forced Immed	09/10/2015	17:00:00	09/10/2015	23:55:00	6.92	400	3412	BLPT	High rotor position limit
114	Planned Derating	09/10/2015	23:55:00	09/11/2015	06:30:00	6.58	300	3415	BLPT	Active thrust bearing high oil temperature troubleshooti
115	Partial Forced Immed	09/11/2015	06:30:00	09/12/2015	22:00:00	39.5	350	3412	BLPT	High rotor position limit
116	Partial Forced Immed	09/12/2015	22:00:00	09/13/2015	13:25:00	15.42	360	3412	BLPT	High rotor position limit
117	Partial Forced Immed	09/13/2015	13:25:00	09/13/2015	15:50:00	2.42	350	3412	BLPT	High rotor position limit
118	Partial Forced Immed	09/13/2015	15:50:00	09/14/2015	17:00:00	25.17	360	3412	BLPT	High rotor position limit
119	Partial Forced Immed	09/14/2015	17:00:00	09/16/2015	11:10:00	42.17	400	3415	BLPT	Active thrust bearing high oil temperature
120	Full Forced Immed	09/23/2015	12:45:00	09/23/2015	14:45:00	2	0	4283	TURB	Oil cooler temperature backpressure regulator closed c
121	Partial Forced Immed	09/25/2015	06:00:00	09/25/2015	10:40:00	4.67	330	8127	POLL	1C booster pump motor power supply failed
122	Partial Forced Immed	09/25/2015	10:40:00	09/25/2015	12:20:00	1.67	350	8127	POLL	1C booster pump motor power supply failed
123	Planned Derating	09/28/2015	22:30:00	09/29/2015	07:25:00	8.92	250	0313	BLR	C Pulverizer seal replacement

**Tampa Electric Company
Outage Listing
(09/01/2015 - 09/30/2015)**

Unit: BIG BEND 3 MDC: 420 Run Date: 10/9/2015

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
188	Partial Forced Immed	08/31/2015	02:20:00	09/04/2015	05:00:00	77	410	1510	BLR	ID Fans inlet duct high differential pressure
189	Partial Forced Immed	09/04/2015	05:00:00	09/04/2015	18:00:00	13	400	1510	BLR	ID Fans inlet duct high differential pressure
190	Partial Forced Immed	09/04/2015	18:00:00	09/06/2015	00:25:00	30.42	405	1510	BLR	ID Fans inlet duct high differential pressure
191	Partial Forced Immed	09/06/2015	00:25:00	09/06/2015	04:00:00	3.58	400	1510	BLR	ID Fans inlet duct high differential pressure
192	Partial Forced Immed	09/06/2015	04:00:00	09/06/2015	21:10:00	17.17	405	1510	BLR	ID Fans inlet duct high differential pressure
193	Partial Forced Immed	09/06/2015	21:10:00	09/07/2015	14:50:00	17.67	200	3119	COND	B Condenser debris filter failed
194	Partial Forced Immed	09/07/2015	14:50:00	09/08/2015	17:00:00	26.17	400	1510	BLR	ID Fans inlet duct high differential pressure
195	Partial Forced Immed	09/08/2015	17:00:00	09/09/2015	23:50:00	30.83	405	1510	BLR	ID Fans inlet duct high differential pressure
196	Planned Derating	09/09/2015	23:50:00	09/10/2015	04:35:00	4.75	390	0331	BLR	Coal leak repairs
197	Partial Forced Immed	09/10/2015	04:35:00	09/10/2015	09:45:00	5.17	400	1510	BLR	ID Fans inlet duct high differential pressure
198	Partial Forced Immed	09/10/2015	09:45:00	09/11/2015	06:00:00	20.25	405	1510	BLR	ID Fans inlet duct high differential pressure
199	Partial Forced Immed	09/11/2015	06:00:00	09/11/2015	21:15:00	15.25	400	1510	BLR	ID Fans inlet duct high differential pressure
200	Partial Forced Delayed	09/11/2015	21:15:00	09/12/2015	07:50:00	10.58	345	1350	BLR	Operating at reduced steam header (2000#) due to sus
201	Full Forced Postponed	09/12/2015	07:50:00	09/21/2015	02:22:00	210.53	0	1050	BLR	Boiler tube leak
202	Partial Forced Immed	09/21/2015	08:20:00	09/28/2015	12:00:00	171.67	230	3211	BLPT	A Circulating water pump motor ground
203	Partial Forced Immed	09/28/2015	12:00:00	09/29/2015	13:30:00	25.5	415	1510	BLR	ID Fans inlet duct high differential pressure
204	Partial Forced Immed	09/30/2015	16:20:00	10/03/2015	18:00:00	7.67	415	1510	BLR	ID Fans inlet duct high differential pressure

**Tampa Electric Company
Outage Listing
(09/01/2015 - 09/30/2015)**

Unit: BIG BEND 4 MDC: 470 Run Date: 10/9/2015

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
204	Partial Forced Immed	08/31/2015	15:30:00	09/01/2015	06:25:00	6.42	460	0570	BLR	Low Reheat steam temps
205	Partial Forced Immed	09/01/2015	06:25:00	09/05/2015	13:55:00	103.5	460	4260	TURB	Main steam stop valve strainer indicates high differenti
206	Partial Forced Immed	09/05/2015	13:55:00	09/08/2015	23:40:00	81.75	400	1470	BLR	B ID Fan channel 2 tripped
207	Planned Derating	09/08/2015	23:40:00	09/09/2015	05:05:00	5.42	300	8120	POLL	D Tower Absorber pump locked out for maintenance
208	Partial Forced Immed	09/09/2015	05:05:00	09/09/2015	17:00:00	11.92	460	4260	TURB	Main steam stop valve strainer indicates high differenti
209	Partial Forced Immed	09/09/2015	17:00:00	09/14/2015	07:00:00	110	455	4260	TURB	Main steam stop valve strainer indicates high differenti
210	Partial Forced Immed	09/14/2015	07:00:00	09/15/2015	00:01:00	17.02	450	4260	TURB	Main steam stop valve strainer indicates high differenti
211	Partial Forced Immed	09/15/2015	00:01:00	09/15/2015	16:00:00	15.98	455	4260	TURB	Main steam stop valve strainer indicates high differenti
212	Partial Forced Immed	09/15/2015	16:00:00	09/19/2015	14:00:00	94	460	4260	TURB	Main steam stop valve strainer indicates high differenti
213	Partial Forced Immed	09/19/2015	14:00:00	09/19/2015	18:00:00	4	450	4260	TURB	Main steam stop valve strainer indicates high differenti
214	Partial Forced Immed	09/19/2015	18:00:00	09/24/2015	16:00:00	118	460	4260	TURB	Main steam stop valve strainer indicates high differenti
215	Partial Forced Immed	09/24/2015	16:00:00	09/25/2015	17:00:00	25	450	1530	BLR	Primary air outlet temperature exceeding limits
216	Partial Forced Immed	09/25/2015	17:00:00	09/27/2015	03:11:00	34.18	460	4260	TURB	Main steam stop valve strainer indicates high differenti
217	Partial Maintenance	09/27/2015	03:11:00	09/27/2015	03:54:00	0.72	260	4268	TURB	Turbine valve testing
218	Partial Forced Immed	09/27/2015	03:54:00	09/28/2015	10:00:00	30.1	460	4260	TURB	Main steam stop valve strainer indicates high differenti
219	Partial Forced Immed	09/28/2015	10:00:00	09/30/2015	12:05:00	50.08	455	4260	TURB	Main steam stop valve strainer indicates high differenti
220	Partial Forced Immed	09/30/2015	12:05:00	10/02/2015	22:50:00	11.92	450	4260	TURB	Main steam stop valve strainer indicates high differenti

**Tampa Electric Company
Outage Listing
(09/01/2015 - 09/30/2015)**

Unit: POLK 1 MDC: 290 Run Date: 10/9/2015

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
42	Partial Forced Immed	08/24/2015	08:30:00	09/01/2015	08:00:00	8	200	5049	GAST 7I, IPAT/F Cooler failed	
45	Full Forced Immed	08/26/2015	15:00:00	09/02/2015	09:30:00	33.5	0	5109	GAST	Hole discovered in Exhaust Duct, interior and exterior c
46	Startup Failure	09/02/2015	09:30:00	09/02/2015	18:39:00	9.15	0	5109	GAST	Exhaust thermocouple wiring damaged during repair of
47	Partial Forced Immed	09/27/2015	05:44:00	09/27/2015	08:47:00	3.05	200	5049	GAST	1F, DGAN Motor underexcited tripped, GTG transfer tc
48	Partial Forced Immed	09/27/2015	09:40:00	09/27/2015	15:11:00	5.52	200	5049	GAST	GOX tripped under excitatation, gasifier tripped, GTG t
49	Full Forced Immed	09/27/2015	16:30:00	09/27/2015	17:30:00	1	0	5248	GAST	Gasifer tripped, GTG tripped during transfer, high exha
50	Partial Forced Immed	09/27/2015	16:30:00	09/28/2015	17:15:00	1	200	5049	GAST	1G, GOX Compressor underexcitation trip, gasifier trip
50	Partial Forced Immed	09/27/2015	16:30:00	09/28/2015	17:15:00	23.75	200	5049	GAST	1G, GOX Compressor underexcitation trip, gasifier trip
51	Reserve Shutdown	09/27/2015	17:30:00	09/28/2015	17:15:00	23.75	0	0000	UNKN	RESERVE SHUTDOWN
52	Partial Forced Immed	09/29/2015	14:00:00	10/01/2015	00:00:00	34	200	5049	GAST	2D, B Bcrubber Circ Pump Seal failed

**Tampa Electric Company
Outage Listing
(09/01/2015 - 09/30/2015)**

Unit:	BAYSIDE ST1	MDC:	236							Run Date:	10/9/2015
Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description	
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EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC	

**Tampa Electric Company
Outage Listing
(09/01/2015 - 09/30/2015)**

Unit: BAYSIDE CT1A MDC: 158 Run Date: 10/9/2015

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
113	Reserve Shutdown	09/01/2015	00:00:00	09/01/2015	06:00:00	6	0	0000	UNKN RESERVE SHUTDOWN	
114	Reserve Shutdown	09/04/2015	01:56:00	09/04/2015	08:52:00	6.93	0	0000	UNKN RESERVE SHUTDOWN	
115	Reserve Shutdown	09/09/2015	21:00:00	09/10/2015	06:30:00	9.5	0	0000	UNKN RESERVE SHUTDOWN	
116	Reserve Shutdown	09/13/2015	22:50:00	09/14/2015	05:47:00	6.95	0	0000	UNKN RESERVE SHUTDOWN	
117	Reserve Shutdown	09/15/2015	00:00:00	09/15/2015	06:53:00	6.88	0	0000	UNKN RESERVE SHUTDOWN	
118	Reserve Shutdown	09/15/2015	23:26:00	09/16/2015	07:56:00	8.5	0	0000	UNKN RESERVE SHUTDOWN	
119	Reserve Shutdown	09/16/2015	22:29:00	09/17/2015	08:22:00	9.88	0	0000	UNKN RESERVE SHUTDOWN	
120	Reserve Shutdown	09/20/2015	23:13:00	09/21/2015	06:34:00	7.35	0	0000	UNKN RESERVE SHUTDOWN	
121	Reserve Shutdown	09/24/2015	22:16:00	09/24/2015	22:46:00	0.5	0	0000	UNKN RESERVE SHUTDOWN	
122	Maintenance Outage	09/24/2015	22:47:00	09/25/2015	10:00:00	11.22	0	5250	GAST Replacement of hazardous gas detectors.	
123	Reserve Shutdown	09/25/2015	10:01:00	09/25/2015	11:08:00	1.12	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company
Outage Listing
(09/01/2015 - 09/30/2015)**

Unit: BAYSIDE CT1B MDC: 158 Run Date: 10/9/2015

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
79	Reserve Shutdown	09/02/2015	00:56:00	09/02/2015	09:33:00	8.62	0	0000	UNKN RESERVE SHUTDOWN	
80	Reserve Shutdown	09/05/2015	01:11:00	09/05/2015	09:32:00	8.35	0	0000	UNKN RESERVE SHUTDOWN	
81	Reserve Shutdown	09/07/2015	23:29:00	09/08/2015	06:18:00	6.82	0	0000	UNKN RESERVE SHUTDOWN	
82	Full Forced Immed	09/08/2015	06:19:00	09/08/2015	10:33:00	4.23	0	5130	GAST Failed LCI Multilin module.	
83	Reserve Shutdown	09/09/2015	01:01:00	09/09/2015	08:57:00	7.93	0	0000	UNKN RESERVE SHUTDOWN	
84	Reserve Shutdown	09/11/2015	23:05:00	09/12/2015	06:09:00	7.07	0	0000	UNKN RESERVE SHUTDOWN	
85	Full Forced Immed	09/15/2015	20:19:00	09/16/2015	05:36:00	9.28	0	3899	BLPT Mechanical separator hi level switch shorted and caus	
86	Reserve Shutdown	09/17/2015	23:01:00	09/18/2015	08:56:00	9.92	0	0000	UNKN RESERVE SHUTDOWN	
87	Reserve Shutdown	09/19/2015	00:22:00	09/19/2015	10:10:00	9.8	0	0000	UNKN RESERVE SHUTDOWN	
88	Reserve Shutdown	09/21/2015	23:02:00	09/22/2015	06:07:00	7.08	0	0000	UNKN RESERVE SHUTDOWN	
89	Reserve Shutdown	09/22/2015	23:18:00	09/23/2015	06:16:00	6.97	0	0000	UNKN RESERVE SHUTDOWN	
90	Reserve Shutdown	09/23/2015	23:04:00	09/24/2015	10:06:00	11.03	0	0000	UNKN RESERVE SHUTDOWN	
91	Reserve Shutdown	09/25/2015	21:33:00	09/26/2015	08:17:00	10.73	0	0000	UNKN RESERVE SHUTDOWN	
92	Reserve Shutdown	09/29/2015	01:42:00	09/29/2015	11:12:00	9.5	0	0000	UNKN RESERVE SHUTDOWN	
93	Reserve Shutdown	09/29/2015	23:27:00	09/30/2015	08:56:00	9.48	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company
Outage Listing
(09/01/2015 - 09/30/2015)**

Unit: BAYSIDE CT1C MDC: 158 Run Date: 10/9/2015

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
107	Reserve Shutdown	09/01/2015	23:52:00	09/02/2015	06:44:00	6.87	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
108	Reserve Shutdown	09/03/2015	01:17:00	09/03/2015	09:43:00	8.43	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
109	Reserve Shutdown	09/03/2015	23:24:00	09/04/2015	06:18:00	6.9	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
110	Reserve Shutdown	09/04/2015	23:54:00	09/05/2015	07:55:00	8.02	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
111	Reserve Shutdown	09/09/2015	21:57:00	09/10/2015	10:39:00	12.7	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
112	Reserve Shutdown	09/10/2015	23:23:00	09/11/2015	06:19:00	6.93	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
113	Reserve Shutdown	09/12/2015	00:43:00	09/12/2015	08:09:00	7.43	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
114	Reserve Shutdown	09/17/2015	22:02:00	09/18/2015	06:17:00	8.25	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
115	Reserve Shutdown	09/18/2015	23:14:00	09/19/2015	08:37:00	9.38	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
116	Reserve Shutdown	09/21/2015	00:29:00	09/21/2015	09:47:00	9.3	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
117	Reserve Shutdown	09/22/2015	01:20:00	09/22/2015	10:09:00	8.82	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
118	Reserve Shutdown	09/23/2015	22:19:00	09/24/2015	06:07:00	7.8	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
119	Reserve Shutdown	09/26/2015	00:15:00	09/26/2015	10:07:00	9.87	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
120	Reserve Shutdown	09/27/2015	23:57:00	09/28/2015	07:13:00	7.27	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
121	Reserve Shutdown	09/28/2015	22:55:00	09/29/2015	06:03:00	7.13	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
122	Reserve Shutdown	09/29/2015	21:13:00	09/30/2015	05:33:00	8.33	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(09/01/2015 - 09/30/2015)**

Unit:	BAYSIDE ST2	MDC:	308							Run Date:	10/9/2015
Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description	
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EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC	

**Tampa Electric Company
Outage Listing
(09/01/2015 - 09/30/2015)**

Unit: BAYSIDE CT2A MDC: 158 Run Date: 10/9/2015

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
136	Reserve Shutdown	09/01/2015	00:00:00	09/01/2015	02:29:00	2.48	0	0000	UNKN	RESERVE SHUTDOWN
137	Maintenance Outage	09/01/2015	02:30:00	09/01/2015	07:16:00	4.77	0	3831	BLPT	Weld repairs to 2A HP Drum Chemical Feed Line.
138	Reserve Shutdown	09/01/2015	07:17:00	09/01/2015	07:39:00	0.37	0	0000	UNKN	RESERVE SHUTDOWN
139	Reserve Shutdown	09/02/2015	23:45:00	09/03/2015	06:53:00	7.13	0	0000	UNKN	RESERVE SHUTDOWN
140	Reserve Shutdown	09/06/2015	01:36:00	09/06/2015	09:40:00	8.07	0	0000	UNKN	RESERVE SHUTDOWN
141	Reserve Shutdown	09/06/2015	23:50:00	09/07/2015	10:29:00	10.65	0	0000	UNKN	RESERVE SHUTDOWN
142	Reserve Shutdown	09/08/2015	00:58:00	09/08/2015	07:48:00	6.83	0	0000	UNKN	RESERVE SHUTDOWN
143	Reserve Shutdown	09/10/2015	00:13:00	09/10/2015	09:18:00	9.08	0	0000	UNKN	RESERVE SHUTDOWN
144	Reserve Shutdown	09/13/2015	01:11:00	09/13/2015	08:01:00	6.83	0	0000	UNKN	RESERVE SHUTDOWN
145	Reserve Shutdown	09/16/2015	21:18:00	09/17/2015	05:37:00	8.32	0	0000	UNKN	RESERVE SHUTDOWN
146	Reserve Shutdown	09/19/2015	00:27:00	09/20/2015	10:02:00	33.58	0	0000	UNKN	RESERVE SHUTDOWN
147	Reserve Shutdown	09/21/2015	22:13:00	09/22/2015	07:11:00	8.97	0	0000	UNKN	RESERVE SHUTDOWN
148	Reserve Shutdown	09/23/2015	00:57:00	09/23/2015	10:51:00	9.9	0	0000	UNKN	RESERVE SHUTDOWN
149	Reserve Shutdown	09/25/2015	00:04:00	09/25/2015	09:09:00	9.08	0	0000	UNKN	RESERVE SHUTDOWN
150	Full Forced Immed	09/25/2015	09:10:00	09/25/2015	09:19:00	0.15	0	4720	GEN	Failure to sync to grid
151	Reserve Shutdown	09/28/2015	23:51:00	09/29/2015	10:05:00	10.23	0	0000	UNKN	RESERVE SHUTDOWN
152	Reserve Shutdown	09/29/2015	22:24:00	09/30/2015	06:56:00	8.53	0	0000	UNKN	RESERVE SHUTDOWN
153	Reserve Shutdown	09/30/2015	21:41:00	09/30/2015	23:59:00	2.3	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(09/01/2015 - 09/30/2015)**

Unit: BAYSIDE CT2B MDC: 158 Run Date: 10/9/2015

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
99	Reserve Shutdown	09/03/2015	22:41:00	09/04/2015	04:30:00	5.82	0	0000	UNKN RESERVE SHUTDOWN	
100	Maintenance Outage	09/04/2015	04:31:00	09/04/2015	11:02:00	6.52	0	3832	BLPT MS stop valve MOV control circuit board R/R	
101	Reserve Shutdown	09/04/2015	11:03:00	09/04/2015	11:27:00	0.4	0	0000	UNKN RESERVE SHUTDOWN	
102	Reserve Shutdown	09/08/2015	23:57:00	09/09/2015	06:48:00	6.85	0	0000	UNKN RESERVE SHUTDOWN	
103	Reserve Shutdown	09/10/2015	22:43:00	09/11/2015	08:52:00	10.15	0	0000	UNKN RESERVE SHUTDOWN	
104	Reserve Shutdown	09/11/2015	23:54:00	09/11/2015	23:59:00	0.08	0	0000	UNKN RESERVE SHUTDOWN	
105	Maintenance Outage	09/12/2015	00:00:00	09/15/2015	15:00:00	87	0	3899	BLPT Removed and replaced BFP and CT waterwash	
106	Reserve Shutdown	09/15/2015	15:01:00	09/15/2015	15:31:00	0.5	0	0000	UNKN RESERVE SHUTDOWN	
107	Reserve Shutdown	09/17/2015	00:43:00	09/18/2015	10:53:00	34.17	0	0000	UNKN RESERVE SHUTDOWN	
108	Reserve Shutdown	09/26/2015	22:08:00	09/27/2015	06:52:00	8.73	0	0000	UNKN RESERVE SHUTDOWN	
109	Reserve Shutdown	09/27/2015	22:48:00	09/28/2015	05:44:00	6.93	0	0000	UNKN RESERVE SHUTDOWN	
110	Reserve Shutdown	09/30/2015	01:07:00	09/30/2015	09:57:00	8.83	0	0000	UNKN RESERVE SHUTDOWN	
111	Reserve Shutdown	09/30/2015	22:57:00	09/30/2015	23:59:00	1.03	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company
Outage Listing
(09/01/2015 - 09/30/2015)**

Unit: BAYSIDE CT2C MDC: 158 Run Date: 10/9/2015

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
118	Reserve Shutdown	09/01/2015	22:44:00	09/02/2015	05:40:00	6.93	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
119	Reserve Shutdown	09/02/2015	22:58:00	09/03/2015	10:33:00	11.58	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
120	Reserve Shutdown	09/04/2015	00:25:00	09/04/2015	07:25:00	7	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
121	Reserve Shutdown	09/05/2015	23:59:00	09/06/2015	09:06:00	9.12	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
122	Reserve Shutdown	09/26/2015	23:14:00	09/27/2015	08:59:00	9.75	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(09/01/2015 - 09/30/2015)**

Unit: BAYSIDE CT2D MDC: 158 Run Date: 10/9/2015

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
54	Reserve Shutdown	09/04/2015	22:30:00	09/05/2015	08:48:00	10.3	0	0000	UNKN	RESERVE SHUTDOWN
55	Reserve Shutdown	09/05/2015	23:10:00	09/06/2015	08:33:00	9.38	0	0000	UNKN	RESERVE SHUTDOWN
56	Reserve Shutdown	09/06/2015	22:03:00	09/07/2015	08:24:00	10.35	0	0000	UNKN	RESERVE SHUTDOWN
57	Reserve Shutdown	09/07/2015	21:43:00	09/08/2015	05:17:00	7.57	0	0000	UNKN	RESERVE SHUTDOWN
58	Reserve Shutdown	09/11/2015	00:51:00	09/11/2015	09:52:00	9.02	0	0000	UNKN	RESERVE SHUTDOWN
59	Reserve Shutdown	09/12/2015	23:19:00	09/13/2015	07:20:00	8.02	0	0000	UNKN	RESERVE SHUTDOWN
60	Reserve Shutdown	09/14/2015	00:07:00	09/14/2015	07:13:00	7.1	0	0000	UNKN	RESERVE SHUTDOWN
61	Reserve Shutdown	09/15/2015	00:53:00	09/15/2015	08:23:00	7.5	0	0000	UNKN	RESERVE SHUTDOWN
62	Reserve Shutdown	09/16/2015	00:13:00	09/16/2015	09:47:00	9.57	0	0000	UNKN	RESERVE SHUTDOWN
64	Reserve Shutdown	09/16/2015	21:57:00	09/17/2015	03:00:00	5.05	0	0000	UNKN	RESERVE SHUTDOWN
65	Maintenance Outage	09/17/2015	03:01:00	09/17/2015	13:35:00	10.57	0	3831	BLPT	Drain line weld repair
66	Reserve Shutdown	09/17/2015	13:36:00	09/17/2015	14:02:00	0.43	0	0000	UNKN	RESERVE SHUTDOWN
67	Reserve Shutdown	09/19/2015	23:37:00	09/20/2015	09:26:00	9.82	0	0000	UNKN	RESERVE SHUTDOWN
68	Reserve Shutdown	09/22/2015	00:08:00	09/22/2015	09:12:00	9.07	0	0000	UNKN	RESERVE SHUTDOWN
69	Reserve Shutdown	09/23/2015	00:02:00	09/23/2015	07:35:00	7.55	0	0000	UNKN	RESERVE SHUTDOWN
70	Reserve Shutdown	09/24/2015	00:24:00	09/24/2015	08:03:00	7.65	0	0000	UNKN	RESERVE SHUTDOWN
71	Reserve Shutdown	09/24/2015	23:12:00	09/25/2015	06:06:00	6.9	0	0000	UNKN	RESERVE SHUTDOWN
72	Reserve Shutdown	09/25/2015	22:41:00	09/26/2015	09:10:00	10.48	0	0000	UNKN	RESERVE SHUTDOWN
73	Reserve Shutdown	09/27/2015	00:04:00	09/27/2015	10:11:00	10.12	0	0000	UNKN	RESERVE SHUTDOWN
74	Reserve Shutdown	09/28/2015	22:06:00	09/29/2015	05:24:00	7.3	0	0000	UNKN	RESERVE SHUTDOWN

Tampa Electric Company
Actual Unit Performance
Outage Listing Abbreviations and Descriptions

AGA	Acid Gas Absorber	IP	Intermediate Pressure
APH	Air Preheater	KO	Knock Out
ASU	Air Separation Unit	LCI	Load Commutated Inverter
BFP	Boiler Feed Pump	LOTO	Lock Out Tag Out
BFPT	Boiler Feed Pump Turbine	LOX	Low Oxygen
CO	Carbon Monoxide	LP	Low Pressure
CO ₂	Carbon Dioxide	LVDT	Linear Variable Differential Transducer
COS	Carbonyl Sulfide	MAC	Main Air Compressor
CRH	Cold Reheat	MkVle	Mark 5e GE Logic Controller
CSC	Convective Syngas Coolers	MOC	Motor Operated Control
CT	Combustion Turbine	MOV	Motor Operated Valve
DCS	Digital Control System	N ₂	Nitrogen
EGT	Exit Gas Temperature	PLC	Programmable Logic Controller
EH	Electro Hydraulic	Pp	Pump
FAT	Final Absorber Tower	R/R	Remove and replace
FD	Forced Draft	RATA	Relative Accuracy Test Audit
Fdwtr	Feed water	RSV	Reheat Stop Valve
FGD	Flue Gas Desulfurization	RTD	Resistance Temperature Device
GEHO	Manufacturer of Slurry Pump	SAP	Sulfuric Acid Plant
GTG	Gas Turbine Generator	ST	Steam Turbine
HP	High Pressure	STARSS	Strategic Anti-Rotating Stall Schedule
HRSR	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