

AUSLEY & McMULLEN

ATTORNEYS AND COUNSELORS AT LAW

123 SOUTH CALHOUN STREET
P.O. BOX 391 (ZIP 32302)
TALLAHASSEE, FLORIOA 32301
(850) 224-9115 FAX (850) 222-7560

November 20, 2015

ELECTRONIC FILING

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

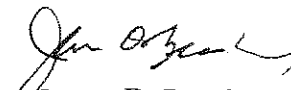
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor; FPSC Docket No. 150001-EI

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 October 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 20th day of November 2015, to the following:

Ms. Suzanne Brownless
Office of the General Counsel
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850
sbrownle@psc.state.fl.us

Mr. John T. Butler
Assistant General Counsel - Regulatory
Florida Power & Light Company
700 Universe Boulevard (LAW/JB)
Juno Beach, FL 33408-0420
john.butler@fpl.com

Ms. Patricia A. Christensen
Associate Public Counsel
Office of Public Counsel
111 West Madison Street -- Room 812
Tallahassee, FL 32399-1400
christensen.patty@leg.state.fl.us

Mr. Kenneth Hoffman
Vice President, Regulatory Relations
Florida Power & Light Company
215 South Monroe Street, Suite 810
Tallahassee, FL 32301-1859
ken.hoffman@fpl.com

Ms. Dianne M. Triplett
Duke Energy Florida, Inc.
299 First Avenue North
St. Petersburg, FL 33701
Dianne.triplett@duke-energy.com

Mike Cassel
Director/Regulatory Affairs
Florida Public Utilities Company
1750 SW 14th Street, Suite 200
Fernandina Beach, FL 32034
mcassel@fpuc.com

Mr. Matthew R. Bernier
Senior Counsel
Duke Energy Florida, Inc.
106 East College Avenue, Suite 800
Tallahassee, FL 32301-7740
Matthew.bernier@duke-energy.com

Mr. Robert L. McGee, Jr.
Regulatory and Pricing Manager
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0780
rlmcgee@southernco.com

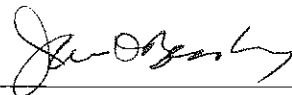
Mr. Jon C Moyle, Jr.
Moyle Law Firm
118 North Gadsden Street
Tallahassee, FL 32301
jmoyle@moylelaw.com

Mr. Jeffrey A. Stone
Mr. Russell A. Badders
Mr. Steven R. Griffin
Beggs & Lane
Post Office Box 12950
Pensacola, FL 32591-2950
jas@beggslane.com
rab@beggslane.com
srg@beggslane.com

Ms. Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 S. Monroe St., Suite 601
Tallahassee, FL 32301
bkeating@gunster.com

Mr. Robert Scheffel Wright
Mr. John T. LaVia, III
Gardner, Bist, Wiener, Wadsworth,
Bowden, Bush, Dee, LaVia & Wright, P.A.
1300 Thomaswood Drive
Tallahassee, FL 32308
Schef@gbwlegal.com
Jlavia@gbwlegal.com

Mr. James W. Brew
Mr. Owen J. Kopon
Ms. Laura A. Wynn
Brickfield, Burchette, Ritts & Stone, P.C.
1025 Thomas Jefferson Street, NW
Eighth Floor, West Tower
Washington, D.C. 20007-5201
jbrew@bbrslaw.com
owen.kopon@bbrslaw.com
laura.wynn@bbrslaw.com



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	0.0			58.5
2. PH	744	672	743	720	744	720	744	744	720	744			7295
3. SH	532.3	672.0	681.9	719.6	642.6	719.7	720.0	270.5	0.0	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			0.0
5. UH	211.8	0.0	61.1	0.4	101.4	0.3	24.0	473.5	720.0	744.0			2336.5
6. POH	211.8	0.0	0.0	0.0	0.0	0.0	0.0	233.0	720.0	744.0			1908.7
7. FOH	0.0	0.0	61.1	0.4	53.2	0.0	24.0	240.5	0.0	0.0			379.1
8. MOH	0.0	0.0	0.0	0.0	48.3	0.3	0.0	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	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	0.0			53.3
11. PMOH	0.3	0.3	6.3	6.3	8.1	51.1	4.6	4.1	0.0	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	0.0			163.7
13. NSC (MW)	395	395	395	385	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	0.0000			16963.7976
15. NET GEN (MWH)	172923	224631	218619	252349	224991	218554	196231	71912	0	0			1580210
16. ANOHR (BTU/KWH)	10636	10509	10749	10560	10556	10896	11606	9949	0	0			10735
17. NOF (%)	82.3	84.6	81.2	91.1	90.9	78.9	70.8	69.0	0.0	0.0			82.0
18. NPC (MW)	395	395	395	385	385	385	385	385	385	385			388
19. ANOHR EQUATION	ANOHR = NOF (2.316) + 10,342.99)												

1

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	71.4			36.0
2. PH	744	672	743	720	744	720	744	744	720	744			7295
3. SH	231.3	0.0	345.1	720.0	527.7	2.6	0.0	158.3	602.2	543.9			3131.0
4. RSH	0.0	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	200.1			4164.0
6. POH	235.8	0.0	0.0	0.0	137.0	281.4	0.0	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	65.0			3374.7
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	135.1			135.1
9. PFOH	227.3	0.0	339.4	701.7	506.2	0.0	0.0	139.8	203.1	42.9			2160.5
10. LR PF (MW)	67.3	0.0	83.6	90.4	81.7	0.0	0.0	158.7	63.2	104.2			87.0
11. PMOH	0.5	0.0	0.0	18.3	21.5	0.0	0.0	0.0	15.5	3.7			59.4
12. LR PM (MW)	0.0	0.0	0.0	134.2	160.4	0.0	0.0	0.0	130.3	140.9			141.9
13. NSC (MW)	395	395	395	385	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	1818.0373			9790.1370
15. NET GEN (MWH)	69574	0	102284	203080	152610	4	0	32495	199727	172338			932112
16. ANOHR (BTU/KWH)	10620	0	10554	10751	10717	0	0	9198	10193	10549			10503
17. NOF (%)	76.1	0.0	75.0	73.3	75.1	0.4	0.0	53.3	86.2	82.3			77.0
18. NPC (MW)	395	395	395	385	385	385	385	385	385	385			388
19. ANOHR EQUATION	ANOHR = NOF (-6.562) + 10,987.10)												

2

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	94.1			67.8
2. PH	744	672	743	720	744	720	744	744	720	744			7295
3. SH	311.0	290.1	0.0	530.7	740.2	706.9	738.1	744.0	509.5	744.0			5314.6
4. RSH	0.0	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	0.0			1980.4
6. POH	328.0	0.0	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	0.0			1652.4
8. MOH	0.0	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	727.1			3060.0
10. LR PF (MW)	19.0	117.3	0.0	144.9	184.2	15.5	17.3	12.6	81.7	20.9			34.6
11. PMOH	0.0	26.0	0.0	17.4	34.0	53.7	35.0	41.5	4.8	14.8			227.1
12. LR PM (MW)	0.0	118.4	0.0	146.2	197.4	221.2	215.1	173.7	28.2	155.6			182.2
13. NSC (MW)	400	400	400	395	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	2501.6626			19149.2202
15. NET GEN (MWH)	118033	96603	0	182744	284110	253297	257420	266585	154930	241831			1855553
16. ANOHR BTU/KWH	10424	10093	0	10386	10335	10479	10375	10011	10420	10345			10320
17. NOF (%)	94.9	83.2	0.0	87.2	97.2	90.7	88.3	90.7	77.0	82.3			88.3
18. NPC (MW)	400	400	400	395	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	64.9			77.4
2. PH	744	672	743	720	744	720	744	744	720	744			7295
3. SH	737.2	672.0	690.9	625.1	367.7	720.0	418.9	744.0	720.0	545.3			6241.1
4. RSH	0.0	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	198.7			1053.9
6. POH	0.0	0.0	0.0	0.0	334.1	0.0	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	172.6			659.8
8. MOH	0.0	0.0	0.0	0.0	33.9	0.0	0.0	0.0	0.0	26.1			60.0
9. PFOH	623.5	385.3	574.2	593.8	128.1	573.0	370.7	740.0	713.9	519.2			5221.7
10. LR PF (MW)	49.6	43.8	114.9	62.2	157.5	27.1	27.0	13.9	22.3	43.9			47.0
11. PMOH	5.3	2.0	16.5	0.5	5.3	7.6	1.0	1.3	6.1	18.4			64.0
12. LR PM (MW)	265.2	241.9	255.9	0.0	144.2	248.5	255.9	0.0	143.8	236.3			222.6
13. NSC (MW)	442	442	442	437	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	1947.9441			24349.7858
15. NET GEN (MWH)	281282	265001	220972	227208	132124	279714	162158	307507	277454	184264			2337684
16. ANOHR BTU/KWH	10356	10375	10651	10675	10303	10332	10324	10238	10404	10571			10416
17. NOF (%)	86.3	89.2	72.4	83.2	82.2	88.9	88.6	94.6	88.2	77.3			85.4
18. NPC (MW)	442	442	442	437	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	43.3			65.4
2. PH	744	672	743	720	744	720	744	744	720	744			7295
3. SH	740.4	654.6	208.6	0.0	345.2	594.5	625.7	422.0	652.6	322.2			4565.7
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	183.7	23.8	0.0			207.5
5. UH	3.6	17.4	534.4	720.0	398.8	125.5	118.3	138.3	43.6	421.8			2521.9
6. POH	0.0	0.0	534.4	644.0	0.0	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	421.8			1219.4
8. MOH	0.0	0.0	0.0	0.0	0.0	116.8	0.0	7.3	0.0	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			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			0.0
11. PMOH	0.0	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			0.0
13. NSC (MW)	220	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	721.7292			9486.1095
15. NET GEN (MWH)	164627	147869	43671	-4977	60354	89147	133922	91110	141235	66098			933056
16. ANOHR BTU/KWH	9946	10261	9921	0	8916	9490	9978	11095	10230	10919			10167
17. NOF (%)	101.1	102.7	95.2	0.0	79.5	68.2	97.3	98.1	98.4	93.3			92.9
18. NPC (MW)	220	220	220	220	220	220	220	220	220	220			220
19. ANOHR EQUATION	ANOHR = NOF (-47.266) + 15,116.96)												

57

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	68.8			90.5	
2. PH	744	672	743	720	744	720	744	744	720	744			7295	
3. SH	415.9	663.6	743.0	418.7	744.0	720.0	744.0	739.4	720.0	540.6			6449.3	
4. RSH	328.1	0.0	0.0	0.4	0.0	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	203.4			517.2	
6. POH	0.0	0.0	0.0	300.9	0.0	0.0	0.0	0.0	0.0	203.4			504.3	
7. FOH	0.0	8.4	0.0	0.0	0.0	0.0	0.0	4.6	0.0	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			0.0	
9. PFOH	30.6	146.5	0.0	7.7	31.7	0.7	0.0	23.0	13.5	32.5			286.2	
10. LR PF (MW)	264.0	264.0	0.0	233.7	233.7	233.7	0.0	233.7	233.7	233.7			252.4	
11. PMOH	47.0	0.0	0.0	720.0	6.9	5.3	39.1	9.0	11.2	53.2			891.6	
12. LR PM (MW)	264.0	0.0	0.0	23.4	233.7	233.7	233.7	233.7	233.7	233.7			65.5	
13. NSC (MW)	792	792	792	701	701	701	701	701	701	701			727	
14. OPR BTU(GBTU)	1180.5760	2396.3580	2947.0150	1419.8050	2689.6150	2837.3740	2923.9470	2834.3390	2787.2340	1971.3550			23987.6180	
15. NET GEN (MWH)	157484	320208	401081	189512	363344	387907	396532	387939	383082	269481			3256571	
16. ANOHR (BTU/KWH)	7496	7484	7348	7492	7402	7315	7374	7306	7276	7315			7366	
17. NOF (%)	47.8	60.9	68.2	64.6	69.7	76.9	76.0	74.8	75.9	71.1			69.5	
18. NPC (MW)	792	792	792	701	701	701	701	701	701	701			728	
19. ANOHR EQUATION	ANOHR = NOF (-12.819) + 8,084.29)													
EUOF	3.5	8.5	0.0	45.1	1.7	0.3							#	9.5
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							#	9.6

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	100.0			93.1
2. PH	744	672	743	720	744	720	744	744	720	744			7295
3. SH	731.8	304.8	562.9	720.0	744.0	720.0	744.0	744.0	720.0	744.0			6735.6
4. RSH	12.2	221.9	0.0	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	0.0			325.3
6. POH	0.0	145.2	180.1	0.0	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			0.0
8. MOH	0.0	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	0.0			155.2
10. LR PF (MW)	261.8	261.8	261.8	232.3	232.3	232.3	232.3	232.3	232.3	0.0			241.2
11. PMOH	43.9	672.0	553.0	0.0	7.4	0.0	37.4	154.5	108.9	0.0			1577.2
12. LR PM (MW)	261.8	47.7	30.2	0.0	232.3	0.0	232.3	232.3	232.3	0.0			83.6
13. NSC (MW)	1047	1047	1047	929	929	929	929	929	929	929			957
14. OPR BTU(GBTU)	3120.5920	1392.9090	2668.5240	3603.1780	3527.2140	3730.5400	4141.4530	3920.5380	3692.9140	4103.0370			33900.8990
15. NET GEN (MWH)	416548	184652	358379	475545	475533	507368	562236	537122	507647	558978			4584009
16. ANOHR (BTU/KWH)	7492	7543	7446	7577	7417	7353	7366	7299	7275	7340			7395
17. NOF (%)	54.4	57.9	60.8	71.1	68.8	75.9	81.3	77.7	75.9	80.9			71.1
18. NPC (MW)	1047	1047	1047	929	929	929	929	929	929	929			964
19. ANOHR EQUATION	ANOHR = NOF	(-7.052)	+	7,811.35)						
EUOF	2.3	26.1	26.8	0.5	2.9	0.3							6.8

7

**Tampa Electric Company
Outage Listing
(10/01/2015 - 10/31/2015)**

Unit:		BIG BEND 1		MDC:		410		Run Date:		11/9/2015	
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	01/01/2016	00:00:00	744	0	4535	GEN	Generator rewind	

**Tampa Electric Company
Outage Listing
(10/01/2015 - 10/31/2015)**

Unit:		BIG BEND 2		MDC:		410		Run Date:		11/9/2015	
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	Noncurtailing	10/01/2015	06:30:00	10/01/2015	16:45:00	10.25	390	9656	RS&E	CO compliance testing (Regulatory)	
125	Partial Forced Immed	10/02/2015	23:50:00	10/03/2015	01:40:00	1.83	360	8551	POLL	Precipitator TR sets failed/ out of service	
126	Partial Forced Immed	10/03/2015	01:40:00	10/03/2015	14:10:00	12.5	350	8551	POLL	Precipitator TR sets failed/ out of service	
127	Noncurtailing	10/03/2015	23:10:00	10/04/2015	01:10:00	2	310	0340	BLR	Mill peaking	
128	Planned Derating	10/04/2015	21:50:00	10/05/2015	01:30:00	3.67	260	0270	BLR	B Pulverizer bypass damper repair	
129	Maintenance Outage	10/07/2015	01:03:00	10/12/2015	16:08:00	135.08	0	4611	GEN	H2 Cooler water leak repair	
130	Partial Forced Immed	10/13/2015	22:30:00	10/14/2015	01:42:00	3.2	180	1470	BLR	A ID Fan was manually tripped due to loss of cooling	
131	Partial Forced Delayed	10/18/2015	23:50:00	10/19/2015	06:30:00	6.67	275	0127	BLR	B2 Crusher Dryer coupling repair	
132	Partial Forced Immed	10/23/2015	02:00:00	10/23/2015	06:00:00	4	280	1470	BLR	B ID Fan drive cooling water leak	
133	Partial Forced Immed	10/23/2015	06:00:00	10/23/2015	20:45:00	14.75	290	1470	BLR	B ID Fan drive cooling water leak	
134	Full Forced Immed	10/25/2015	06:47:00	10/27/2015	07:12:00	48.42	0	4302	TURB	Auto oil pressure decayed below trip point	
135	Full Forced Immed	10/27/2015	08:57:00	10/28/2015	00:39:00	15.7	0	3631	BLPT	Loss of 2401C and 2405C breakers	
136	Full Forced Immed	10/28/2015	01:59:00	10/28/2015	02:54:00	0.92	0	1700	BLR	High drum level trip	

**Tampa Electric Company
Outage Listing
(10/01/2015 - 10/31/2015)**

Unit: BIG BEND 3 MDC: 420 Run Date: 11/9/2015

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	09/30/2015	16:20:00	10/03/2015	18:00:00	66	415	1510	BLR	ID Fans inlet duct high differential pressure
205	Noncurtailing	10/03/2015	18:00:00	10/03/2015	20:10:00	2.17	330	0340	BLR	Mill peaking
206	Partial Forced Immed	10/03/2015	20:10:00	10/03/2015	22:00:00	1.83	415	1510	BLR	ID Fans inlet duct high differential pressure
207	Planned Derating	10/03/2015	22:00:00	10/04/2015	04:15:00	6.25	200	3210	BLPT	B Circulating water pump repack
208	Partial Forced Immed	10/04/2015	04:15:00	10/05/2015	23:35:00	43.33	415	1510	BLR	ID Fans inlet duct high differential pressure
209	Planned Derating	10/05/2015	23:35:00	10/06/2015	00:05:00	0.5	250	8120	POLL	A3 Absorber pump belt tightening
210	Partial Forced Immed	10/06/2015	00:05:00	10/07/2015	21:42:00	45.62	415	1510	BLR	ID Fans inlet duct high differential pressure
211	Partial Forced Immed	10/07/2015	21:42:00	10/08/2015	17:00:00	19.3	405	1510	BLR	ID Fans inlet duct high differential pressure
212	Partial Forced Immed	10/08/2015	17:00:00	10/09/2015	09:30:00	16.5	410	1510	BLR	ID Fans inlet duct high differential pressure
213	Partial Forced Immed	10/09/2015	09:30:00	10/09/2015	11:00:00	1.5	415	1510	BLR	ID Fans inlet duct high differential pressure
214	Partial Forced Immed	10/09/2015	11:00:00	10/11/2015	00:32:00	37.53	400	1530	BLR	APH Air Inlet temperature high indication
215	Partial Forced Immed	10/11/2015	00:32:00	10/11/2015	02:12:00	1.67	365	0250	BLR	A2 Coal feeder tripped due to plugged chute
216	Partial Forced Immed	10/11/2015	02:12:00	10/12/2015	22:00:00	43.8	400	1530	BLR	APH Air Inlet temperature high indication
217	Planned Derating	10/12/2015	22:00:00	10/13/2015	05:00:00	7	280	0250	BLR	A2 Coal feeder belt replacement
218	Partial Forced Immed	10/13/2015	05:00:00	10/17/2015	01:00:00	92	400	1530	BLR	APH Air Inlet temperature high indication
219	Partial Maintenance	10/17/2015	01:00:00	10/17/2015	02:00:00	1	260	4268	TURB	Main Turbine valve testing
220	Partial Forced Immed	10/17/2015	02:00:00	10/17/2015	20:55:00	18.92	400	1530	BLR	APH Air Inlet temperature high indication
221	Partial Forced Delayed	10/17/2015	20:55:00	10/18/2015	07:35:00	10.67	220	3199	COND	A Condenser ball cleaning system failure
222	Partial Forced Immed	10/18/2015	07:35:00	10/27/2015	14:20:00	222.75	400	1530	BLR	APH Air Inlet temperature high indication
223	Partial Forced Immed	10/27/2015	14:20:00	10/28/2015	00:00:00	9.67	395	1530	BLR	APH Air Inlet temperature high indication
224	Partial Forced Immed	10/28/2015	00:00:00	10/28/2015	18:00:00	18	400	1530	BLR	APH Air Inlet temperature high indication
225	Partial Forced Immed	10/28/2015	18:00:00	10/29/2015	10:08:00	16.13	395	1530	BLR	APH Air Inlet temperature high indication
226	Partial Forced Immed	10/29/2015	10:08:00	10/29/2015	14:58:00	4.83	285	0127	BLR	B2 Crusher dryer bearing failure
227	Partial Forced Immed	10/29/2015	14:58:00	10/29/2015	15:50:00	0.87	395	1530	BLR	APH Air Inlet temperature high indication
228	Partial Forced Immed	10/29/2015	15:50:00	10/29/2015	22:00:00	6.17	375	0127	BLR	B2 Crusher dryer bearing inspection
229	Partial Forced Immed	10/29/2015	22:00:00	10/30/2015	07:54:00	9.9	380	0127	BLR	B2 Crusher dryer bearing inspection
230	Partial Forced Immed	10/30/2015	07:54:00	10/31/2015	10:21:00	26.45	400	1350	BLR	Operating at reduced steam header (2220#) due to sus
231	Partial Forced Immed	10/31/2015	10:21:00	10/31/2015	12:14:00	1.88	327	1350	BLR	Operating at reduced steam header (1800#) due to sus
232	Partial Forced Immed	10/31/2015	12:14:00	01/01/2016	00:00:00	11.77	310	1350	BLR	Operating at reduced steam header (1700#) due to sus

**Tampa Electric Company
Outage Listing
(10/01/2015 - 10/31/2015)**

Unit:		BIG BEND 4		MDC:		470		Run Date:		11/9/2015	
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	
220	Partial Forced Immed	09/30/2015	12:05:00	10/02/2015	22:50:00	46.83	450	4260	TURB	Main steam stop valve strainer indicates high differenti	
221	Planned Derating	10/02/2015	22:50:00	10/03/2015	03:30:00	4.67	250	0590	BLR	Reheat attemperator weld repair	
222	Partial Forced Immed	10/03/2015	03:30:00	10/04/2015	10:50:00	31.33	450	4260	TURB	Main steam stop valve strainer indicates high differenti	
223	Partial Forced Immed	10/04/2015	10:55:00	10/04/2015	13:15:00	2.33	370	0340	BLR	B Mill locked out for pyrites fire and E Mill has a stuck c	
224	Partial Forced Immed	10/04/2015	13:15:00	10/07/2015	21:44:00	80.48	450	4260	TURB	Main steam stop valve strainer indicates high differenti	
225	Partial Forced Immed	10/07/2015	21:44:00	10/08/2015	00:01:00	2.28	430	1530	BLR	Primary air outlet temperature exceeding limits	
226	Partial Forced Immed	10/08/2015	00:01:00	10/09/2015	12:55:00	36.9	440	1530	BLR	Primary air outlet temperature exceeding limits	
227	Partial Forced Immed	10/09/2015	12:55:00	10/10/2015	01:15:00	12.33	435	1530	BLR	Primary air outlet temperature exceeding limits	
228	Planned Derating	10/10/2015	01:15:00	10/10/2015	07:19:00	6.07	200	3113	COND	A & C Condenser cleaning	
229	Partial Forced Immed	10/10/2015	07:19:00	10/11/2015	00:01:00	16.7	435	1530	BLR	Primary air outlet temperature exceeding limits	
230	Planned Derating	10/11/2015	00:01:00	10/11/2015	07:40:00	7.65	220	3113	COND	B & D Condenser cleaning	
231	Partial Forced Immed	10/11/2015	07:40:00	10/13/2015	21:00:00	61.33	435	1530	BLR	Primary air outlet temperature exceeding limits	
232	Maintenance Outage	10/13/2015	21:00:00	10/14/2015	23:05:00	26.08	0	3441	BLPT	Ist point heater relief valve repair	
233	Partial Forced Immed	10/14/2015	23:05:00	10/15/2015	12:45:00	13.67	435	1530	BLR	Primary air outlet temperature exceeding limits	
234	Partial Forced Immed	10/15/2015	12:45:00	10/15/2015	14:45:00	2	330	8260	POLL	C Booster fan inlet vane linkage fell apart	
235	Partial Forced Immed	10/15/2015	14:45:00	10/15/2015	15:09:00	0.4	435	1530	BLR	Primary air outlet temperature exceeding limits	
236	Partial Forced Immed	10/15/2015	15:09:00	10/15/2015	17:40:00	2.52	445	1530	BLR	Primary air outlet temperature exceeding limits	
237	Partial Forced Immed	10/15/2015	17:40:00	10/20/2015	22:15:00	124.58	450	4260	TURB	Main steam stop valve strainer indicates high differenti	
238	Full Forced Delayed	10/20/2015	22:15:00	10/25/2015	03:31:00	101.27	0	1488	BLR	APH experienced high vibration	
239	Partial Forced Immed	10/25/2015	07:00:00	10/25/2015	18:00:00	11	450	0530	BLR	Low Main steam temps due to boiler deslagging at low	
240	Partial Forced Immed	10/25/2015	18:00:00	10/26/2015	07:30:00	13.5	455	0530	BLR	Low Main steam temps due to boiler deslagging at low	
241	Partial Forced Delayed	10/26/2015	11:40:00	10/29/2015	00:38:00	60.97	300	1488	BLR	APH indicating high amps	
242	Full Forced Postponed	10/29/2015	00:38:00	11/04/2015	07:15:00	71.37	0	1488	BLR	APH high amps. Outage to inspect and repair.	

**Tampa Electric Company
Outage Listing
(10/01/2015 - 10/31/2015)**

Unit: POLK 1 MDC: 290 Run Date: 11/9/2015

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
52	Partial Forced Immed	09/29/2015	14:00:00	10/01/2015	11:08:00	11.13	200	5049	GAST 2D, B Bcrubber Circ Pump Seal failed	
53	Full Forced Immed	10/02/2015	15:07:00	10/19/2015	20:13:00	413.1	0	5109	GAST Shutdown due to failure of repaired hole in GTG Exhau	
54	Partial Forced Immed	10/22/2015	10:53:00	10/22/2015	13:05:00	0.37	200	5049	GAST 1D, DGAN Compressor trip on motor underexcitation	
54	Partial Forced Immed	10/22/2015	10:53:00	10/22/2015	13:05:00	0.68	200	5049	GAST 1D, DGAN Compressor trip on motor underexcitation	
54	Partial Forced Immed	10/22/2015	10:53:00	10/22/2015	13:05:00	1.15	200	5049	GAST 1D, DGAN Compressor trip on motor underexcitation	
55	Partial Forced Immed	10/22/2015	11:15:00	10/22/2015	11:56:00	0.68	150	4499	TURB Vacuum Trip when attempting to establish Diluent Stee	
56	Noncurtailing	10/27/2015	06:30:00	10/30/2015	14:13:00	79.72	250	5041	GAST Stop Ratio not functioning properly. Servo and/or starir	
57	Full Forced Immed	10/30/2015	05:30:00	10/30/2015	14:13:00	8.72	0	5041	GAST Syngas Transfer Valve failed, tripped GTG, servo repla	
58	Partial Forced Immed	10/30/2015	16:33:00	10/31/2015	02:40:00	10.12	250	5049	GAST Diluent Nitrogen Valve Hydraulic Servo failed, prevente	

**Tampa Electric Company
Outage Listing
(10/01/2015 - 10/31/2015)**

Unit:		BAYSIDE ST1		MDC:		236		Run Date:		11/9/2015	
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	
7	Planned Outage	10/23/2015	12:34:00	10/31/2015	23:59:00	203.42	0	4261	TURB	Scheduled Fall 2015 Steam Turbine Valve Overhaul/R	

**Tampa Electric Company
Outage Listing
(10/01/2015 - 10/31/2015)**

Unit: BAYSIDE CT1A **MDC:** 158 **Run Date:** 11/9/2015

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	10/06/2015	21:35:00	10/07/2015	06:11:00	8.6	0	0000	UNKN	RESERVE SHUTDOWN
125	Reserve Shutdown	10/16/2015	20:56:00	10/17/2015	11:53:00	14.95	0	0000	UNKN	RESERVE SHUTDOWN
126	Planned Outage	10/21/2015	21:26:00	10/31/2015	23:59:00	242.55	0	5274	GAST	Scheduled Fall 2015 Cleanup/Inspection Outage

**Tampa Electric Company
Outage Listing
(10/01/2015 - 10/31/2015)**

Unit: BAYSIDE CT1B MDC: 158 Run Date: 11/9/2015

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
94	Reserve Shutdown	10/01/2015	21:35:00	10/02/2015	10:23:00	12.8	0	0000	UNKN RESERVE SHUTDOWN	
95	Reserve Shutdown	10/03/2015	23:12:00	10/04/2015	08:39:00	9.45	0	0000	UNKN RESERVE SHUTDOWN	
96	Reserve Shutdown	10/05/2015	22:26:00	10/06/2015	12:07:00	13.68	0	0000	UNKN RESERVE SHUTDOWN	
97	Reserve Shutdown	10/08/2015	23:41:00	10/09/2015	06:36:00	6.92	0	0000	UNKN RESERVE SHUTDOWN	
98	Reserve Shutdown	10/11/2015	00:31:00	10/11/2015	09:10:00	8.65	0	0000	UNKN RESERVE SHUTDOWN	
99	Reserve Shutdown	10/12/2015	23:20:00	10/13/2015	10:50:00	11.5	0	0000	UNKN RESERVE SHUTDOWN	
100	Reserve Shutdown	10/13/2015	22:02:00	10/14/2015	06:36:00	8.57	0	0000	UNKN RESERVE SHUTDOWN	
101	Reserve Shutdown	10/15/2015	00:11:00	10/15/2015	07:49:00	7.63	0	0000	UNKN RESERVE SHUTDOWN	
102	Reserve Shutdown	10/15/2015	22:31:00	10/16/2015	06:14:00	7.72	0	0000	UNKN RESERVE SHUTDOWN	
103	Reserve Shutdown	10/18/2015	21:03:00	10/19/2015	05:43:00	8.67	0	0000	UNKN RESERVE SHUTDOWN	
104	Reserve Shutdown	10/19/2015	22:44:00	10/20/2015	09:19:00	10.58	0	0000	UNKN RESERVE SHUTDOWN	
105	Planned Outage	10/22/2015	22:34:00	10/31/2015	23:59:00	217.42	0	5274	GAST Scheduled Fall 2015 Cleanup/Inspection Outage.	

**Tampa Electric Company
Outage Listing
(10/01/2015 - 10/31/2015)**

Unit: BAYSIDE CT1C MDC: 158 Run Date: 11/9/2015

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
123	Reserve Shutdown	10/01/2015	00:07:00	10/01/2015	09:34:00	9.45	0	0000	UNKN	RESERVE SHUTDOWN
124	Reserve Shutdown	10/02/2015	22:01:00	10/03/2015	09:25:00	11.4	0	0000	UNKN	RESERVE SHUTDOWN
125	Reserve Shutdown	10/03/2015	21:37:00	10/04/2015	10:55:00	13.3	0	0000	UNKN	RESERVE SHUTDOWN
126	Full Forced Immed	10/04/2015	10:56:00	10/05/2015	19:25:00	32.48	0	5246	GAST	"R" AND "S" CORE card issues
127	Reserve Shutdown	10/05/2015	19:26:00	10/06/2015	06:21:00	10.92	0	0000	UNKN	RESERVE SHUTDOWN
128	Reserve Shutdown	10/06/2015	23:30:00	10/07/2015	09:08:00	9.63	0	0000	UNKN	RESERVE SHUTDOWN
129	Reserve Shutdown	10/10/2015	23:29:00	10/11/2015	06:56:00	7.45	0	0000	UNKN	RESERVE SHUTDOWN
130	Reserve Shutdown	10/12/2015	21:50:00	10/13/2015	06:32:00	8.7	0	0000	UNKN	RESERVE SHUTDOWN
131	Reserve Shutdown	10/16/2015	00:18:00	10/16/2015	10:23:00	10.08	0	0000	UNKN	RESERVE SHUTDOWN
132	Reserve Shutdown	10/16/2015	22:09:00	10/17/2015	09:56:00	11.78	0	0000	UNKN	RESERVE SHUTDOWN
133	Reserve Shutdown	10/17/2015	22:41:00	10/18/2015	11:25:00	12.73	0	0000	UNKN	RESERVE SHUTDOWN
134	Reserve Shutdown	10/18/2015	23:02:00	10/19/2015	10:17:00	11.25	0	0000	UNKN	RESERVE SHUTDOWN
135	Reserve Shutdown	10/19/2015	23:44:00	10/20/2015	12:15:00	12.52	0	0000	UNKN	RESERVE SHUTDOWN
136	Reserve Shutdown	10/20/2015	23:19:00	10/21/2015	09:19:00	10	0	0000	UNKN	RESERVE SHUTDOWN
137	Reserve Shutdown	10/22/2015	01:48:00	10/22/2015	08:45:00	6.95	0	0000	UNKN	RESERVE SHUTDOWN
138	Planned Outage	10/23/2015	12:31:00	10/31/2015	23:59:00	203.47	0	5274	GAST	Scheduled Fall 2015 Cleanup/Inspection Outage

**Tampa Electric Company
Outage Listing
(10/01/2015 - 10/31/2015)**

Unit:	BAYSIDE ST2	MDC:	308							Run Date:	11/9/2015
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
(10/01/2015 - 10/31/2015)**

Unit: BAYSIDE CT2A MDC: 158 Run Date: 11/9/2015

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
154	Reserve Shutdown	10/01/2015	00:01:00	10/01/2015	05:51:00	5.83	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
155	Reserve Shutdown	10/01/2015	23:52:00	10/02/2015	08:08:00	8.27	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
156	Reserve Shutdown	10/04/2015	00:35:00	10/04/2015	10:40:00	10.08	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
157	Reserve Shutdown	10/04/2015	21:14:00	10/05/2015	05:41:00	8.45	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
158	Reserve Shutdown	10/06/2015	00:34:00	10/07/2015	12:51:00	36.28	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
159	Reserve Shutdown	10/08/2015	09:36:00	10/08/2015	12:07:00	2.52	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
160	Reserve Shutdown	10/11/2015	23:49:00	10/12/2015	10:01:00	10.2	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
161	Reserve Shutdown	10/17/2015	21:30:00	10/18/2015	07:37:00	10.12	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
162	Reserve Shutdown	10/19/2015	20:50:00	10/20/2015	05:51:00	9.02	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(10/01/2015 - 10/31/2015)**

Unit: BAYSIDE CT2B MDC: 158 Run Date: 11/9/2015

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
112	Reserve Shutdown	10/01/2015	00:01:00	10/01/2015	06:39:00	6.63	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
113	Reserve Shutdown	10/04/2015	22:42:00	10/05/2015	06:42:00	8	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
114	Reserve Shutdown	10/05/2015	21:44:00	10/06/2015	09:56:00	12.2	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
115	Reserve Shutdown	10/15/2015	21:36:00	10/16/2015	08:33:00	10.95	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
116	Reserve Shutdown	10/17/2015	23:41:00	10/18/2015	09:16:00	9.58	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
117	Reserve Shutdown	10/18/2015	22:10:00	10/19/2015	06:54:00	8.73	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
118	Reserve Shutdown	10/21/2015	00:18:00	10/21/2015	10:36:00	10.3	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
119	Reserve Shutdown	10/21/2015	22:12:00	10/22/2015	05:14:00	7.03	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
120	Reserve Shutdown	10/22/2015	21:39:00	10/23/2015	04:52:00	7.22	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
121	Reserve Shutdown	10/24/2015	23:57:00	10/25/2015	07:14:00	7.28	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(10/01/2015 - 10/31/2015)**

Unit: BAYSIDE CT2C MDC: 158 Run Date: 11/9/2015

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
123	Reserve Shutdown	10/11/2015	21:30:00	10/12/2015	06:00:00	8.5	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
124	Reserve Shutdown	10/12/2015	22:33:00	10/13/2015	09:19:00	10.77	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
125	Reserve Shutdown	10/14/2015	22:12:00	10/15/2015	05:59:00	7.78	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
126	Reserve Shutdown	10/15/2015	23:19:00	10/16/2015	12:33:00	13.23	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
127	Reserve Shutdown	10/17/2015	01:58:00	10/17/2015	12:54:00	10.93	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
128	Reserve Shutdown	10/18/2015	01:24:00	10/18/2015	10:04:00	8.67	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
129	Reserve Shutdown	10/19/2015	21:49:00	10/20/2015	10:36:00	12.78	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
130	Reserve Shutdown	10/20/2015	22:08:00	10/21/2015	06:08:00	8	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
131	Reserve Shutdown	10/22/2015	00:16:00	10/22/2015	07:28:00	7.2	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
132	Reserve Shutdown	10/23/2015	00:20:00	10/23/2015	07:27:00	7.12	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
133	Reserve Shutdown	10/23/2015	22:51:00	10/24/2015	07:40:00	8.82	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(10/01/2015 - 10/31/2015)**

Unit: BAYSIDE CT2D MDC: 158 Run Date: 11/9/2015

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
75	Reserve Shutdown	10/03/2015	00:43:00	10/03/2015	08:38:00	7.92	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
76	Reserve Shutdown	10/05/2015	00:00:00	10/05/2015	07:12:00	7.2	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
77	Reserve Shutdown	10/11/2015	22:36:00	10/12/2015	08:39:00	10.05	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
78	Reserve Shutdown	10/14/2015	23:05:00	10/15/2015	10:04:00	10.98	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
79	Reserve Shutdown	10/16/2015	23:32:00	10/17/2015	08:33:00	9.02	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
80	Reserve Shutdown	10/18/2015	23:52:00	10/19/2015	12:35:00	12.72	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
81	Reserve Shutdown	10/20/2015	01:37:00	10/20/2015	11:23:00	9.77	0	0000	UNKN RESERVE SHUTDOWN	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
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