

AUSLEY & McMULLEN

ATTORNEYS AND COUNSELORS AT LAW

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

July 25, 2017

ELECTRONIC FILING

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

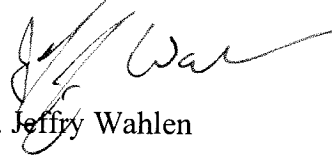
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor; FPSC Docket No. 20170001-EI

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 June 2017.

Thank you for your assistance in connection with this matter.

Sincerely,



J. Jeffrey Wahlen

JJW/ne

Attachment

cc: All parties of record (w/attachment)

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Schedules, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 25th day of July, 2017 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

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

Ms. Dianne M. Triplett
Duke Energy Florida, Inc.
299 First Avenue North
St. Petersburg, FL 33701
Dianne.triplett@duke-energy.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. Jon C Moyle, Jr.
Moyle Law Firm
118 North Gadsden Street
Tallahassee, FL 32301
jmoyle@moylelaw.com

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

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

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

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

Mr. Mike Cassel
Regulatory and Governmental Affairs
Florida Public Utilities Company
Florida Division of Chesapeake Utilities Corp.
1750 SW 14th Street, Suite 200
Fernandina Beach, FL 32034
mcassel@fpuc.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

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
Ms. Laura A. Wynn
Stone Mattheis Xenopoulos & Brew, PC
1025 Thomas Jefferson Street, NW
Eighth Floor, West Tower
Washington, D.C. 20007-5201
jbrew@smxblaw.com
laura.wynn@smxblaw.com



ATTORNEY

ORIGINAL SHEET NO. 8.401.17A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2017 - DECEMBER 2017

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 17	FEB 17	MAR 17	APR 17	MAY 17	JUN 17	JUL 17	AUG 17	SEP 17	OCT 17	NOV 17	DEC 17	2017
1. EAF (%)	99.1	99.5	51.5	0.0	53.4	65.4							61.2
2. PH	744	672	743	720	744	720							4343
3. SH	739.1	672.0	383.1	0.0	397.8	313.2							2505.3
4. RSH	0.0	0.0	0.0	0.0	0.0	164.8							164.8
5. UH	4.9	0.0	359.9	720.0	346.2	242.0							1672.9
6. POH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
7. FOH	4.9	0.0	359.9	720.0	346.2	83.8							1514.7
8. MOH	0.0	0.0	0.0	0.0	0.0	158.2							158.2
9. PFOH	12.2	12.4	0.0	0.0	1.6	14.0							40.2
10. LR PF (MW)	47.0	67.5	0.0	0.0	197.2	197.2							111.6
11. PMOH	5.4	2.1	0.9	0.0	0.3	0.0							8.6
12. LR PM (MW)	47.0	228.5	218.4	0.0	75.1	0.0							109.8
13. NSC (MW)	395	395	395	385	385	385							390
14. OPR BTU(GBTU)	2174.4504	1909.7752	1030.0702	0.0000	1246.9803	807.2281							7168.5043
15. NET GEN (MWH)	202470	167343	95573	0	115639	71182							652207
16. ANOHR (BTU/KWH)	10740	11412	10778	0	10783	11340							10991
17. NOF (%)	69.4	63.0	63.2	0.0	75.5	59.0							66.8
18. NPC (MW)	395	395	395	385	385	385							390
19. ANOHR EQUATION	ANOHR = NOF (-15.843) + 12,087												

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TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2017 - DECEMBER 2017

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 17	FEB 17	MAR 17	APR 17	MAY 17	JUN 17	JUL 17	AUG 17	SEP 17	OCT 17	NOV 17	DEC 17	2017
1. EAF (%)	75.0	76.8	55.6	54.0	31.8	95.4							64.4
2. PH	744	672	743	720	744	720							4343
3. SH	583.1	583.0	23.3	415.3	269.5	688.4							2562.6
4. RSH	24.5	0.0	389.7	0.0	0.0	0.0							414.2
5. UH	136.4	89.0	330.0	304.7	474.5	31.6							1366.2
6. POH	0.0	0.0	0.0	256.7	78.0	0.0							334.7
7. FOH	73.4	89.0	330.0	48.0	396.5	31.6							968.5
8. MOH	63.0	0.0	0.0	0.0	0.0	0.0							63.0
9. PFOH	293.7	572.9	0.0	406.3	88.2	5.5							1366.5
10. LR PF (MW)	66.3	44.4	0.0	24.6	144.1	56.3							49.7
11. PMOH	0.3	5.7	0.0	1.9	0.0	1.1							9.0
12. LR PM (MW)	206.9	200.5	0.0	189.7	0.0	203.7							198.9
13. NSC (MW)	395	395	395	385	385	385							390
14. OPR BTU(GBTU)	1868.6660	1687.6119	39.4345	1309.0914	856.2088	2329.4673							8090.4798
15. NET GEN (MWH)	170150	152752	3410	125802	75289	216749							744152
16. ANOHR (BTU/KWH)	10982	11048	11564	10406	11372	10747							10872
17. NOF (%)	73.9	66.3	37.0	78.7	72.6	81.8							74.5
18. NPC (MW)	395	395	395	385	385	385							390
19. ANOHR EQUATION	ANOHR = NOF (-5.963) + 11,063												

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ORIGINAL SHEET NO. 8.401.17A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2017 - DECEMBER 2017

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 17	FEB 17	MAR 17	APR 17	MAY 17	JUN 17	JUL 17	AUG 17	SEP 17	OCT 17	NOV 17	DEC 17	
BIG BEND 3													2017
1. EAF (%)	74.7	79.6	49.6	39.5	82.0	52.9							63.0
2. PH	744	672	743	720	744	720							4343
3. SH	496.5	218.0	230.3	386.5	744.0	416.6							2491.9
4. RSH	85.4	333.0	160.0	0.0	0.0	0.0							578.4
5. UH	162.1	121.0	352.7	333.5	0.0	303.4							1272.7
6. POH	0.0	121.0	188.5	0.0	0.0	0.0							309.5
7. FOH	162.1	0.0	164.2	333.5	0.0	303.4							963.2
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
9. PFOH	222.2	218.0	104.7	276.5	600.2	404.0							1825.5
10. LR PF (MW)	38.7	29.4	82.9	145.4	88.3	34.5							71.7
11. PMOH	8.3	0.0	0.7	0.0	0.0	2.4							11.3
12. LR PM (MW)	211.8	0.0	155.3	0.0	0.0	107.0							186.5
13. NSC (MW)	400	400	400	395	395	395							398
14. OPR BTU(GBTU)	1586.7295	558.3993	654.5651	975.4322	1646.6407	1419.4383							6841.2052
15. NET GEN (MWH)	151724	50703	53355	87729	147110	131629							622250
16. ANOHR BTU/KWH	10458	11013	12268	11119	11193	10784							10994
17. NOF (%)	76.4	58.1	57.9	57.5	50.1	80.0							62.8
18. NPC (MW)	400	400	400	395	395	395							398
19. ANOHR EQUATION	ANOHR = NOF (-6.885) + 11,168												

ORIGINAL SHEET NO. 8.401.17A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2017 - DECEMBER 2017

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 17	FEB 17	MAR 17	APR 17	MAY 17	JUN 17	JUL 17	AUG 17	SEP 17	OCT 17	NOV 17	DEC 17	2017
1. EAF (%)	58.3	84.9	78.7	78.8	93.3	84.1							79.6
2. PH	744	672	743	720	744	720							4343
3. SH	443.6	582.3	603.5	617.2	744.0	715.1							3705.7
4. RSH	92.4	19.9	30.9	0.0	0.0	0.0							143.2
5. UH	207.9	69.8	108.6	102.8	0.0	4.9							494.1
6. POH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
7. FOH	207.9	69.8	0.0	102.8	0.0	4.9							385.5
8. MOH	0.0	0.0	108.6	0.0	0.0	0.0							108.6
9. PFOH	409.3	121.9	601.6	374.5	449.6	683.9							2640.8
10. LR PF (MW)	99.1	100.7	35.5	46.8	48.5	68.8							60.8
11. PMOH	23.7	7.9	1.9	20.8	0.0	5.2							59.4
12. LR PM (MW)	190.8	227.0	234.2	205.9	0.0	182.7							201.5
13. NSC (MW)	442	442	442	437	437	437							440
14. OPR BTU(GBTU)	1421.8362	1988.2765	1901.4028	2252.1482	2941.4736	2553.8942							13059.0315
15. NET GEN (MWH)	135022	190073	179206	214373	275387	232573							1226634
16. ANOHR BTU/KWH	10530	10461	10610	10506	10681	10981							10646
17. NOF (%)	68.9	73.8	67.2	79.5	84.7	74.4							75.3
18. NPC (MW)	442	442	442	437	437	437							440
19. ANOHR EQUATION	ANOHR = NOF (-4.982) + 10,856												

ORIGINAL SHEET NO. 8.401.17A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2017 - DECEMBER 2017

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 17	FEB 17	MAR 17	APR 17	MAY 17	JUN 17	JUL 17	AUG 17	SEP 17	OCT 17	NOV 17	DEC 17	2017
1. EAF (%)	100.0	99.3	95.3	100.0	70.9	99.8							94.1
2. PH	744	672	743	720	744	720							4343
3. SH	744.0	667.1	708.0	720.0	527.3	718.4							4084.7
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
5. UH	0.0	4.9	35.0	0.0	216.7	1.6							258.3
6. POH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
7. FOH	0.0	4.9	35.0	0.0	116.5	1.6							158.0
8. MOH	0.0	0.0	0.0	0.0	100.3	0.0							100.3
9. PFOH	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
11. PMOH	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
13. NSC (MW)	220	220	220	220	220	220							220
14. OPR BTU(GBTU)	1565.3848	1450.1380	1538.4069	1710.0220	1277.8395	1474.5747							9016.3659
15. NET GEN (MWH)	155821	143609	165125	176605	119597	147389							908146
16. ANOHR BTU/KWH	10046	10098	9317	9683	10685	10005							9928
17. NOF (%)	95.2	97.9	106.0	111.5	103.1	93.3							101.1
18. NPC (MW)	220	220	220	220	220	220							220
19. ANOHR EQUATION	ANOHR = NOF (9.523) + 9,121												

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ORIGINAL SHEET NO. 8.401.17A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2017 - DECEMBER 2017

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 17	FEB 17	MAR 17	APR 17	MAY 17	JUN 17	JUL 17	AUG 17	SEP 17	OCT 17	NOV 17	DEC 17	2017
1. EAF (%)	98.0	80.9	0.0	58.7	99.3	97.5							72.2
2. PH	744	672	743	720	744	720							4343
3. SH	744.0	462.9	0.0	507.9	744.0	718.3							3177.2
4. RSH	0.0	204.8	0.0	16.3	0.0	0.0							221.1
5. UH	0.0	4.3	743.0	195.8	0.0	1.7							944.8
6. POH	0.0	1.3	743.0	167.3	0.0	0.0							911.6
7. FOH	0.0	0.0	0.0	24.7	0.0	1.7							26.3
8. MOH	0.0	3.0	0.0	3.8	0.0	0.0							6.9
9. PFOH	37.2	4.1	0.0	40.8	0.0	9.2							91.2
10. LR PF (MW)	264.0	264.0	0.0	224.6	0.0	198.1							239.7
11. PMOH	7.8	369.1	743.0	782.6	14.9	41.3							1958.7
12. LR PM (MW)	264.0	264.0	0.0	79.5	233.7	233.7							89.3
13. NSC (MW)	792	792	792	701	701	701							747
14. OPR BTU(GBTU)	1578.1580	970.4530	0.0000	1237.6590	2189.2750	1814.4720							7790.0170
15. NET GEN (MWH)	197576	119609	-274	161007	288649	239671							1006238
16. ANOHR (BTU/KWH)	7988	8114	0	7687	7585	7571							7742
17. NOF (%)	33.5	32.6	0.0	45.2	55.3	47.6							42.4
18. NPC (MW)	792	792	792	701	701	701							747
19. ANOHR EQUATION	ANOHR = NOF (-9.906) + 8,039												

ORIGINAL SHEET NO. 8.401.17A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2017 - DECEMBER 2017

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 17	FEB 17	MAR 17	APR 17	MAY 17	JUN 17	JUL 17	AUG 17	SEP 17	OCT 17	NOV 17	DEC 17	2017
1. EAF (%)	65.3	47.0	97.5	97.0	87.8	89.2							81.1
2. PH	744	672	743	720	744	720							4343
3. SH	527.1	298.7	738.1	720.0	657.9	720.0							3661.9
4. RSH	0.0	42.3	0.0	0.0	0.0	0.0							42.3
5. UH	216.9	331.0	4.9	0.0	86.1	0.0							638.9
6. POH	216.9	312.3	0.0	0.0	0.0	0.0							529.2
7. FOH	0.0	18.7	4.9	0.0	62.2	0.0							85.8
8. MOH	0.0	0.0	0.0	0.0	23.9	0.0							23.9
9. PFOH	14.7	9.4	0.0	71.4	0.0	163.7							259.2
10. LR PF (MW)	261.8	261.8	0.0	232.3	0.0	232.3							235.0
11. PMOH	150.4	91.2	53.6	14.7	19.2	146.3							475.4
12. LR PM (MW)	261.8	261.8	261.8	232.3	232.3	232.3							250.6
13. NSC (MW)	1047	1047	1047	929	929	929							988
14. OPR BTU(GBTU)	1250.4170	1166.1780	2519.0980	2460.5630	2220.7560	1970.1780							11587.1900
15. NET GEN (MWH)	157433	146101	318307	313417	278762	253553							1467573
16. ANOHR (BTU/KWH)	7943	7982	7914	7851	7966	7770							7895
17. NOF (%)	28.5	46.7	41.2	46.9	45.6	37.9							40.6
18. NPC (MW)	1047	1047	1047	929	929	929							988
19. ANOHR EQUATION	ANOHR = NOF (-7.777) + 7,937												

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**Tampa Electric Company
Outage Listing
(06/01/2017 - 06/30/2017)**

Unit:		BIG BEND 1		MDC:		410		Run Date:		7/14/2017	
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	
27	Full Forced Postponed	05/30/2017	23:15:00	06/01/2017	00:42:00	0.7	0	4293	TURB	Turbine valves EHC system fluid leak (leaks got progr	
28	Partial Forced Immed	06/01/2017	03:00:00	06/01/2017	17:00:00	14	200	3110	COND	B Condenser out of service due to suspected salt leak	
29	Full Forced Immed	06/04/2017	22:20:00	06/04/2017	23:48:00	1.47	0	0380	BLR	Unit tripped on abnormal drum level due to erratic ignit	
31	Reserve Shutdown	06/10/2017	02:10:00	06/16/2017	23:00:00	164.83	0	0000	UNKN	RESERVE SHUTDOWN	
32	Maintenance Outage	06/16/2017	23:00:00	06/23/2017	13:10:00	158.17	0	0910	BLR	Boiler slag taps inspection/repair.	
33	Noncurtailing	06/24/2017	04:25:00	06/26/2017	06:50:00	50.42	215	8100	POLL	FGD Efficiency limitation.1D Absorber pump maintena	
34	Noncurtailing	06/26/2017	06:50:00	06/27/2017	14:21:00	31.52	230	8100	POLL	FGD Efficiency limitation.1D Absorber pump maintena	
35	Full Forced Delayed	06/27/2017	14:21:00	07/09/2017	09:58:00	81.65	0	1000	BLR	Boiler tube leak	

**Tampa Electric Company
Outage Listing
(06/01/2017 - 06/30/2017)**

Unit:		BIG BEND 2		MDC:		410		Run Date:		7/14/2017	
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	
77	Partial Maintenance	06/07/2017	01:15:00	06/07/2017	01:35:00	0.33	200	4268	TURB	Main Turbine valve testing	
78	Partial Forced Immed	06/09/2017	09:00:00	06/09/2017	14:30:00	5.5	350	8551	POLL	Particulate matter limit.	
79	Partial Maintenance	06/22/2017	03:00:00	06/22/2017	03:20:00	0.33	190	4268	TURB	Main Turbine valve testing	
80	Noncurtailing	06/24/2017	04:25:00	06/25/2017	06:50:00	26.42	215	8100	POLL	FGD Efficiency limitation.1D Absorber pump maintena	
81	Noncurtailing	06/26/2017	06:50:00	06/26/2017	10:00:00	3.17	235	8100	POLL	FGD Efficiency limitation.1D Absorber pump maintena	
82	Noncurtailing	06/26/2017	10:00:00	06/26/2017	16:15:00	6.25	230	8100	POLL	FGD Efficiency limitation.1D Absorber pump maintena	
83	Noncurtailing	06/26/2017	16:15:00	06/27/2017	14:21:00	22.1	225	8100	POLL	FGD Efficiency limitation.1D Absorber pump maintena	
84	Partial Maintenance	06/29/2017	01:15:00	06/29/2017	01:40:00	0.42	190	4268	TURB	Main Turbine valve testing	
85	Full Forced Immed	06/29/2017	16:21:00	01/01/2018	00:00:00	31.65	0	0910	BLR	Operator tripped unit due to slag tank tap issues.	

**Tampa Electric Company
Outage Listing
(06/01/2017 - 06/30/2017)**

Unit:		BIG BEND 3		MDC:		420		Run Date:		7/14/2017	
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	
47	Partial Forced Immed	05/16/2017	13:45:00	06/01/2017	22:00:00	22	380	1455	BLR	B ID Fan vibration limits.Gas fire only.	
48	Full Forced Postponed	06/01/2017	22:00:00	06/14/2017	12:03:00	302.05	0	0900	BLR	A Slag tank tap structural repair.	
49	Partial Forced Immed	06/14/2017	22:15:00	06/15/2017	13:30:00	15.25	380	1455	BLR	B ID Fan vibration limits.	
50	Partial Forced Immed	06/15/2017	13:30:00	06/17/2017	00:01:00	34.52	395	1455	BLR	B ID Fan vibration limits.	
51	Partial Maintenance	06/17/2017	00:01:00	06/17/2017	00:55:00	0.9	300	4268	TURB	Main Turbine valve testing	
52	Partial Forced Immed	06/17/2017	00:55:00	06/19/2017	07:00:00	54.08	395	1455	BLR	B ID Fan vibration limits.	
53	Partial Forced Immed	06/19/2017	07:00:00	06/19/2017	13:15:00	6.25	385	1455	BLR	B ID Fan vibration limits.	
54	Partial Forced Immed	06/19/2017	13:15:00	06/21/2017	22:00:00	56.75	380	1455	BLR	B ID Fan vibration limits.	
55	Planned Derating	06/21/2017	22:00:00	06/21/2017	23:28:00	1.47	310	8700	CEM	RATA testing	
56	Partial Forced Immed	06/21/2017	23:28:00	06/25/2017	02:35:00	75.12	380	1455	BLR	B ID Fan vibration limits.	
57	Full Forced Immed	06/25/2017	02:35:00	06/25/2017	03:59:00	1.4	0	3410	BLPT	BFP tripped while performing governor valve testing	
58	Partial Forced Immed	06/25/2017	03:59:00	07/01/2017	21:40:00	140.02	380	1455	BLR	B ID Fan vibration limits.	

**Tampa Electric Company
Outage Listing
(06/01/2017 - 06/30/2017)**

Unit: BIG BEND 4 MDC: 470 Run Date: 7/14/2017

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
106	Partial Forced Immed	05/31/2017	00:01:00	06/01/2017	00:30:00	0.5	405	1170	BLR	High APH outlet temperature indications.Suspect back
109	Partial Forced Immed	06/01/2017	02:40:00	06/02/2017	06:10:00	27.5	405	1170	BLR	High APH outlet temperature indications.Suspect back
110	Partial Forced Immed	06/02/2017	06:10:00	06/05/2017	03:15:00	69.08	410	1170	BLR	High APH outlet temperature indications.Suspect back
111	Partial Forced Immed	06/05/2017	03:15:00	06/09/2017	11:00:00	103.75	400	1170	BLR	High APH outlet temperature indications.Suspect back
113	Planned Derating	06/01/2017	00:30:00	06/01/2017	02:40:00	2.17	310	8700	CEM	Mid load RATA testing
116	Partial Forced Immed	06/09/2017	11:00:00	06/10/2017	14:15:00	27.25	395	1170	BLR	High APH outlet temperature indications.Suspect back
117	Partial Forced Immed	06/10/2017	14:15:00	06/11/2017	02:08:00	11.88	390	1170	BLR	High APH outlet temperature indications.Suspect back
118	Partial Maintenance	06/11/2017	02:08:00	06/11/2017	03:05:00	0.95	220	4268	TURB	Main Turbine valve testing
119	Partial Forced Immed	06/11/2017	03:05:00	06/11/2017	14:44:00	11.65	390	1170	BLR	High APH outlet temperature indications.Suspect back
120	Partial Forced Immed	06/11/2017	14:44:00	06/12/2017	05:25:00	14.68	385	1170	BLR	High APH outlet temperature indications.Suspect back
121	Partial Forced Immed	06/12/2017	05:25:00	06/18/2017	01:30:00	140.08	390	1170	BLR	High APH outlet temperature indications.Suspect back
122	Partial Maintenance	06/18/2017	01:30:00	06/18/2017	03:35:00	2.08	260	4268	TURB	Main Turbine valve testing
123	Partial Forced Immed	06/18/2017	03:35:00	06/19/2017	05:00:00	25.42	400	1170	BLR	High APH outlet temperature indications.Suspect back
124	Partial Forced Immed	06/19/2017	05:00:00	06/22/2017	11:24:00	78.4	380	1170	BLR	High APH outlet temperature indications.Suspect back
125	Partial Forced Immed	06/22/2017	11:24:00	06/22/2017	16:55:00	5.52	375	1170	BLR	High APH outlet temperature indications.Suspect back
126	Full Forced Immed	06/22/2017	16:55:00	06/22/2017	20:05:00	3.17	0	0740	BLR	D Circ pump tripped. Differential indication dropped ou
127	Partial Forced Immed	06/22/2017	20:05:00	06/23/2017	11:00:00	14.92	375	1170	BLR	High APH outlet temperature indications.Suspect back
128	Partial Forced Immed	06/24/2017	13:00:00	06/24/2017	15:30:00	2.5	405	1170	BLR	High APH outlet temperature indications.Suspect back
129	Partial Forced Immed	06/24/2017	15:30:00	06/24/2017	16:20:00	0.83	400	1170	BLR	High APH outlet temperature indications.Suspect back
130	Full Forced Immed	06/24/2017	16:20:00	06/24/2017	17:18:00	0.97	0	0740	BLR	D Circ pump tripped. Differential indication dropped ou
131	Partial Forced Immed	06/24/2017	17:18:00	06/25/2017	17:03:00	23.75	400	1170	BLR	High APH outlet temperature indications.Suspect back
132	Full Forced Immed	06/25/2017	17:03:00	06/25/2017	17:50:00	0.78	0	0740	BLR	D Circ pump tripped. Differential indication dropped ou
133	Partial Forced Immed	06/25/2017	17:50:00	06/29/2017	00:01:00	78.18	410	1170	BLR	High APH outlet temperature indications.Suspect back
134	Partial Forced Immed	06/29/2017	00:01:00	06/30/2017	06:00:00	29.98	400	1170	BLR	High APH outlet temperature indications.Suspect back
135	Partial Forced Immed	06/30/2017	06:00:00	06/30/2017	17:00:00	11	390	1170	BLR	High APH outlet temperature indications.Suspect back
136	Partial Forced Immed	06/30/2017	17:00:00	07/01/2017	00:45:00	7	380	1170	BLR	High APH outlet temperature indications.Suspect back

**Tampa Electric Company
Outage Listing
(06/01/2017 - 06/30/2017)**

Unit:		POLK 1		MDC:		290		Run Date:		7/14/2017	
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	
2	Noncurtailing	01/01/2017	12:32:00	01/01/2018	00:00:00	720	0	5079	GAST	Flame instability between 100 - 145MW's on gas	
16	Partial Forced Immed	05/31/2017	18:31:00	06/02/2017	11:48:00	35.8	200	6399	GASF	2F, Burner Tip Coil failure	
18	Partial Forced Immed	06/03/2017	00:08:00	06/05/2017	11:32:00	59.4	200	6399	GASF	2D, B Scrubber Circ Pump Seal Failure, Gasifier shuttr	
19	Full Forced Immed	06/07/2017	11:04:00	06/07/2017	12:01:00	0.95	0	3659	BLPT	Ground on DC Control Circuit issued open to B Station	
20	Partial Forced Immed	06/07/2017	11:04:00	06/08/2017	12:23:00	0.95	200	3653	BLPT	Ground on DC Control Circuit issued open to B Station	
20	Partial Forced Immed	06/07/2017	11:04:00	06/08/2017	12:23:00	24.37	200	3653	BLPT	Ground on DC Control Circuit issued open to B Station	
21	Partial Forced Immed	06/11/2017	22:50:00	06/14/2017	12:16:00	61.43	200	6399	GASF	2J, Flare stack pilot pipe propane leak.	
22	Partial Forced Immed	06/19/2017	08:20:00	06/22/2017	17:01:00	80.68	200	6399	GASF	6C, Saturator coumn nozzle to Circ Pump leak	
23	Full Forced Immed	06/25/2017	07:25:00	06/25/2017	08:04:00	0.65	0	6399	GASF	Gasifier "B" Raw Gas Flare failed open, GTG on Loss	
24	Partial Forced Immed	06/25/2017	07:25:00	06/25/2017	08:53:00	0.65	200	6399	GASF	B Scrubber Raw Gas Flare valve solenoid failed, valve	
24	Partial Forced Immed	06/25/2017	07:25:00	06/25/2017	08:53:00	0.82	200	6399	GASF	B Scrubber Raw Gas Flare valve solenoid failed, valve	

**Tampa Electric Company
Outage Listing
(06/01/2017 - 06/30/2017)**

Unit: BAYSIDE ST1 **MDC:** 236 **Run Date:** 7/14/2017

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
14	Full Forced Immed	06/26/2017	08:41:00	06/26/2017	10:21:00	1.67	0	4460	TURB	ST1 oil-assisted overspeed trip test

**Tampa Electric Company
Outage Listing
(06/01/2017 - 06/30/2017)**

Unit: BAYSIDE CT1A MDC: 158 Run Date: 7/14/2017

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
81	Reserve Shutdown	06/01/2017	00:01:00	06/01/2017	07:33:00	7.53	0	0000	UNKN	RESERVE SHUTDOWN
82	Reserve Shutdown	06/01/2017	19:36:00	06/02/2017	13:33:00	17.95	0	0000	UNKN	RESERVE SHUTDOWN
83	Reserve Shutdown	06/02/2017	16:17:00	06/03/2017	11:39:00	19.37	0	0000	UNKN	RESERVE SHUTDOWN
84	Reserve Shutdown	06/04/2017	22:56:00	06/05/2017	16:21:00	17.42	0	0000	UNKN	RESERVE SHUTDOWN
85	Reserve Shutdown	06/09/2017	23:24:00	06/10/2017	10:07:00	10.72	0	0000	UNKN	RESERVE SHUTDOWN
86	Reserve Shutdown	06/10/2017	14:51:00	06/11/2017	11:20:00	20.48	0	0000	UNKN	RESERVE SHUTDOWN
87	Reserve Shutdown	06/11/2017	21:30:00	06/12/2017	11:19:00	13.82	0	0000	UNKN	RESERVE SHUTDOWN
88	Reserve Shutdown	06/14/2017	19:54:00	06/15/2017	12:31:00	16.62	0	0000	UNKN	RESERVE SHUTDOWN
89	Reserve Shutdown	06/15/2017	18:17:00	06/16/2017	11:36:00	17.32	0	0000	UNKN	RESERVE SHUTDOWN
90	Reserve Shutdown	06/16/2017	20:56:00	06/17/2017	13:40:00	16.73	0	0000	UNKN	RESERVE SHUTDOWN
91	Reserve Shutdown	06/17/2017	22:07:00	06/18/2017	11:29:00	13.37	0	0000	UNKN	RESERVE SHUTDOWN
92	Reserve Shutdown	06/18/2017	21:17:00	06/19/2017	13:05:00	15.8	0	0000	UNKN	RESERVE SHUTDOWN
93	Reserve Shutdown	06/19/2017	21:11:00	06/20/2017	08:24:00	11.22	0	0000	UNKN	RESERVE SHUTDOWN
94	Reserve Shutdown	06/22/2017	21:41:00	06/23/2017	13:26:00	15.75	0	0000	UNKN	RESERVE SHUTDOWN
95	Maintenance Outage	06/23/2017	21:11:00	06/24/2017	11:21:00	14.17	0	5110	GAST	1A CT load compartment oil sight glass replacement
96	Reserve Shutdown	06/24/2017	11:22:00	06/24/2017	14:43:00	3.35	0	0000	UNKN	RESERVE SHUTDOWN
97	Reserve Shutdown	06/24/2017	23:54:00	06/25/2017	08:17:00	8.38	0	0000	UNKN	RESERVE SHUTDOWN
98	Reserve Shutdown	06/25/2017	22:06:00	06/27/2017	11:27:00	37.35	0	0000	UNKN	RESERVE SHUTDOWN
99	Reserve Shutdown	06/27/2017	21:22:00	06/28/2017	11:00:00	13.63	0	0000	UNKN	RESERVE SHUTDOWN
100	Reserve Shutdown	06/29/2017	23:21:00	06/30/2017	09:02:00	9.68	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(06/01/2017 - 06/30/2017)**

Unit: BAYSIDE CT1B MDC: 158 Run Date: 7/14/2017

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
55	Reserve Shutdown	06/01/2017	00:01:00	06/01/2017	10:31:00	10.5	0	0000	UNKN	RESERVE SHUTDOWN
56	Reserve Shutdown	06/02/2017	21:41:00	06/03/2017	09:22:00	11.68	0	0000	UNKN	RESERVE SHUTDOWN
57	Reserve Shutdown	06/03/2017	22:17:00	06/04/2017	17:17:00	19	0	0000	UNKN	RESERVE SHUTDOWN
58	Reserve Shutdown	06/05/2017	16:56:00	06/05/2017	18:34:00	1.63	0	0000	UNKN	RESERVE SHUTDOWN
59	Maintenance Outage	06/05/2017	18:35:00	06/06/2017	21:42:00	27.12	0	3831	BLPT	1B HRSG drain pipe weld repairs and CRS pipe suppo
60	Reserve Shutdown	06/06/2017	21:43:00	06/07/2017	08:45:00	11.03	0	0000	UNKN	RESERVE SHUTDOWN
61	Reserve Shutdown	06/07/2017	22:59:00	06/08/2017	11:19:00	12.33	0	0000	UNKN	RESERVE SHUTDOWN
62	Reserve Shutdown	06/08/2017	23:49:00	06/09/2017	12:22:00	12.55	0	0000	UNKN	RESERVE SHUTDOWN
63	Reserve Shutdown	06/13/2017	00:34:00	06/13/2017	10:27:00	9.88	0	0000	UNKN	RESERVE SHUTDOWN
64	Reserve Shutdown	06/13/2017	22:54:00	06/14/2017	13:31:00	14.62	0	0000	UNKN	RESERVE SHUTDOWN
65	Reserve Shutdown	06/20/2017	23:11:00	06/21/2017	11:41:00	12.5	0	0000	UNKN	RESERVE SHUTDOWN
66	Reserve Shutdown	06/21/2017	18:41:00	06/22/2017	11:38:00	16.95	0	0000	UNKN	RESERVE SHUTDOWN
67	Reserve Shutdown	06/22/2017	23:04:00	06/23/2017	10:52:00	11.8	0	0000	UNKN	RESERVE SHUTDOWN
68	Full Forced Immed	06/26/2017	08:57:00	06/26/2017	10:55:00	1.97	0	5079	GAST	High exhaust spread differential trip. Combustion probl
69	Full Forced Immed	06/26/2017	10:56:00	06/26/2017	13:00:00	2.07	0	5079	GAST	1B CT tripped at start-up due to high exhuaust temp spr
70	Reserve Shutdown	06/26/2017	21:12:00	06/27/2017	10:32:00	13.33	0	0000	UNKN	RESERVE SHUTDOWN
71	Reserve Shutdown	06/27/2017	18:48:00	06/28/2017	09:56:00	15.13	0	0000	UNKN	RESERVE SHUTDOWN
72	Reserve Shutdown	06/28/2017	23:09:00	06/29/2017	09:55:00	10.77	0	0000	UNKN	RESERVE SHUTDOWN
73	Reserve Shutdown	06/30/2017	00:23:00	06/30/2017	10:14:00	9.85	0	0000	UNKN	RESERVE SHUTDOWN
74	Full Forced Immed	06/30/2017	19:30:00	06/30/2017	22:05:00	2.58	0	3611	BLPT	230KV Switchyard Trip due to lightning strike on 1B C1
75	Reserve Shutdown	06/30/2017	22:06:00	06/30/2017	23:59:00	1.88	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(06/01/2017 - 06/30/2017)**

Unit: BAYSIDE CT1C MDC: 158 Run Date: 7/14/2017

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
30	Reserve Shutdown	06/01/2017	22:54:00	06/02/2017	10:44:00	11.83	0	0000	UNKN	RESERVE SHUTDOWN
31	Reserve Shutdown	06/03/2017	18:06:00	06/09/2017	10:25:00	136.32	0	0000	UNKN	RESERVE SHUTDOWN
32	Reserve Shutdown	06/09/2017	22:39:00	06/10/2017	11:31:00	12.87	0	0000	UNKN	RESERVE SHUTDOWN
34	Reserve Shutdown	06/10/2017	23:32:00	06/11/2017	13:58:00	14.43	0	0000	UNKN	RESERVE SHUTDOWN
35	Reserve Shutdown	06/11/2017	21:09:00	06/12/2017	08:27:00	11.3	0	0000	UNKN	RESERVE SHUTDOWN
36	Reserve Shutdown	06/12/2017	22:19:00	06/13/2017	05:30:00	7.18	0	0000	UNKN	RESERVE SHUTDOWN
37	Reserve Shutdown	06/13/2017	19:16:00	06/14/2017	10:16:00	15	0	0000	UNKN	RESERVE SHUTDOWN
38	Reserve Shutdown	06/14/2017	16:37:00	06/15/2017	11:25:00	18.8	0	0000	UNKN	RESERVE SHUTDOWN
39	Reserve Shutdown	06/15/2017	17:43:00	06/16/2017	10:29:00	16.77	0	0000	UNKN	RESERVE SHUTDOWN
40	Reserve Shutdown	06/16/2017	19:52:00	06/17/2017	11:39:00	15.78	0	0000	UNKN	RESERVE SHUTDOWN
41	Reserve Shutdown	06/17/2017	19:55:00	06/18/2017	09:58:00	14.05	0	0000	UNKN	RESERVE SHUTDOWN
42	Reserve Shutdown	06/18/2017	17:43:00	06/19/2017	10:35:00	16.87	0	0000	UNKN	RESERVE SHUTDOWN
43	Reserve Shutdown	06/19/2017	15:07:00	06/20/2017	12:10:00	21.05	0	0000	UNKN	RESERVE SHUTDOWN
44	Reserve Shutdown	06/20/2017	21:32:00	06/21/2017	08:08:00	10.6	0	0000	UNKN	RESERVE SHUTDOWN
45	Reserve Shutdown	06/21/2017	22:15:00	06/22/2017	10:24:00	12.15	0	0000	UNKN	RESERVE SHUTDOWN
46	Reserve Shutdown	06/24/2017	00:25:00	06/24/2017	09:17:00	8.87	0	0000	UNKN	RESERVE SHUTDOWN
47	Reserve Shutdown	06/24/2017	22:56:00	06/25/2017	13:48:00	14.87	0	0000	UNKN	RESERVE SHUTDOWN
48	Reserve Shutdown	06/25/2017	19:18:00	06/26/2017	09:35:00	14.28	0	0000	UNKN	RESERVE SHUTDOWN
49	Reserve Shutdown	06/28/2017	22:04:00	06/29/2017	11:56:00	13.87	0	0000	UNKN	RESERVE SHUTDOWN
50	Full Forced Immed	06/30/2017	19:30:00	06/30/2017	22:05:00	2.58	0	3611	BLPT	230KV Switchyard Trip due to lightning strike on 1C C
51	Reserve Shutdown	06/30/2017	22:06:00	06/30/2017	23:59:00	1.88	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(06/01/2017 - 06/30/2017)**

Unit:	BAYSIDE ST2	MDC:	308							Run Date:	7/14/2017
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
(06/01/2017 - 06/30/2017)**

Unit: BAYSIDE CT2A MDC: 158 Run Date: 7/14/2017

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	06/01/2017	00:04:00	06/01/2017	08:45:00	8.68	0	0000	UNKN	RESERVE SHUTDOWN
96	Reserve Shutdown	06/02/2017	15:58:00	06/03/2017	09:47:00	17.82	0	0000	UNKN	RESERVE SHUTDOWN
97	Reserve Shutdown	06/03/2017	16:42:00	06/05/2017	09:41:00	40.98	0	0000	UNKN	RESERVE SHUTDOWN
98	Reserve Shutdown	06/07/2017	21:59:00	06/08/2017	09:47:00	11.8	0	0000	UNKN	RESERVE SHUTDOWN
99	Reserve Shutdown	06/08/2017	22:51:00	06/09/2017	10:05:00	11.23	0	0000	UNKN	RESERVE SHUTDOWN
100	Reserve Shutdown	06/09/2017	21:37:00	06/10/2017	09:25:00	11.8	0	0000	UNKN	RESERVE SHUTDOWN
101	Reserve Shutdown	06/10/2017	21:13:00	06/11/2017	09:28:00	12.25	0	0000	UNKN	RESERVE SHUTDOWN
102	Reserve Shutdown	06/11/2017	18:09:00	06/12/2017	12:21:00	18.2	0	0000	UNKN	RESERVE SHUTDOWN
103	Reserve Shutdown	06/13/2017	21:43:00	06/14/2017	11:21:00	13.63	0	0000	UNKN	RESERVE SHUTDOWN
104	Reserve Shutdown	06/17/2017	18:44:00	06/18/2017	00:26:00	5.7	0	0000	UNKN	RESERVE SHUTDOWN
105	Maintenance Outage	06/18/2017	00:27:00	06/21/2017	18:03:00	89.6	0	5272	GAST	2A CT enhanced borescope inspection (EBI)
106	Reserve Shutdown	06/21/2017	18:04:00	06/22/2017	07:15:00	13.18	0	0000	UNKN	RESERVE SHUTDOWN
107	Reserve Shutdown	06/23/2017	00:09:00	06/23/2017	12:35:00	12.43	0	0000	UNKN	RESERVE SHUTDOWN
108	Reserve Shutdown	06/23/2017	23:34:00	06/24/2017	09:44:00	10.17	0	0000	UNKN	RESERVE SHUTDOWN
109	Reserve Shutdown	06/24/2017	22:07:00	06/25/2017	10:39:00	12.53	0	0000	UNKN	RESERVE SHUTDOWN
110	Reserve Shutdown	06/25/2017	21:12:00	06/26/2017	09:06:00	11.9	0	0000	UNKN	RESERVE SHUTDOWN
111	Reserve Shutdown	06/26/2017	22:57:00	06/27/2017	11:39:00	12.7	0	0000	UNKN	RESERVE SHUTDOWN
112	Reserve Shutdown	06/27/2017	23:00:00	06/28/2017	09:39:00	10.65	0	0000	UNKN	RESERVE SHUTDOWN
113	Full Forced Immed	06/28/2017	09:40:00	06/30/2017	23:59:00	62.32	0	4619	GEN	2A CT generator hydrogen leak repairs.

**Tampa Electric Company
Outage Listing
(06/01/2017 - 06/30/2017)**

Unit: BAYSIDE CT2B MDC: 158 Run Date: 7/14/2017

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
71	Reserve Shutdown	06/01/2017	20:15:00	06/02/2017	09:03:00	12.8	0	0000	UNKN	RESERVE SHUTDOWN
72	Reserve Shutdown	06/02/2017	18:57:00	06/03/2017	10:19:00	15.37	0	0000	UNKN	RESERVE SHUTDOWN
73	Reserve Shutdown	06/05/2017	17:14:00	06/06/2017	10:49:00	17.58	0	0000	UNKN	RESERVE SHUTDOWN
74	Reserve Shutdown	06/06/2017	22:43:00	06/09/2017	11:20:00	60.62	0	0000	UNKN	RESERVE SHUTDOWN
75	Reserve Shutdown	06/09/2017	20:38:00	06/10/2017	10:50:00	14.2	0	0000	UNKN	RESERVE SHUTDOWN
76	Reserve Shutdown	06/10/2017	18:05:00	06/11/2017	12:14:00	18.15	0	0000	UNKN	RESERVE SHUTDOWN
77	Reserve Shutdown	06/11/2017	17:09:00	06/12/2017	10:10:00	17.02	0	0000	UNKN	RESERVE SHUTDOWN
78	Reserve Shutdown	06/12/2017	23:21:00	06/13/2017	11:07:00	11.77	0	0000	UNKN	RESERVE SHUTDOWN
79	Reserve Shutdown	06/13/2017	18:17:00	06/14/2017	06:02:00	11.75	0	0000	UNKN	RESERVE SHUTDOWN
80	Reserve Shutdown	06/14/2017	16:11:00	06/15/2017	23:59:00	31.8	0	0000	UNKN	RESERVE SHUTDOWN
81	Maintenance Outage	06/16/2017	00:00:00	06/16/2017	23:45:00	23.75	0	5272	GAST	2B CT enhanced borescope inspection (EBI)
82	Reserve Shutdown	06/16/2017	23:46:00	06/17/2017	11:53:00	12.12	0	0000	UNKN	RESERVE SHUTDOWN
83	Reserve Shutdown	06/17/2017	21:11:00	06/18/2017	10:48:00	13.62	0	0000	UNKN	RESERVE SHUTDOWN
84	Reserve Shutdown	06/18/2017	17:02:00	06/19/2017	11:32:00	18.5	0	0000	UNKN	RESERVE SHUTDOWN
85	Reserve Shutdown	06/20/2017	20:33:00	06/21/2017	10:24:00	13.85	0	0000	UNKN	RESERVE SHUTDOWN
86	Reserve Shutdown	06/22/2017	21:15:00	06/23/2017	08:34:00	11.32	0	0000	UNKN	RESERVE SHUTDOWN
87	Reserve Shutdown	06/23/2017	21:43:00	06/24/2017	11:06:00	13.38	0	0000	UNKN	RESERVE SHUTDOWN
88	Reserve Shutdown	06/24/2017	21:06:00	06/25/2017	12:21:00	15.25	0	0000	UNKN	RESERVE SHUTDOWN
89	Reserve Shutdown	06/25/2017	18:43:00	06/26/2017	06:48:00	12.08	0	0000	UNKN	RESERVE SHUTDOWN
90	Reserve Shutdown	06/26/2017	20:25:00	06/27/2017	09:13:00	12.8	0	0000	UNKN	RESERVE SHUTDOWN
91	Reserve Shutdown	06/28/2017	21:41:00	06/29/2017	09:08:00	11.45	0	0000	UNKN	RESERVE SHUTDOWN
92	Reserve Shutdown	06/30/2017	23:53:00	06/30/2017	23:59:00	0.1	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(06/01/2017 - 06/30/2017)**

Unit: BAYSIDE CT2C MDC: 158 Run Date: 7/14/2017

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
68	Reserve Shutdown	06/01/2017	00:01:00	06/01/2017	06:02:00	6.02	0	0000	UNKN	RESERVE SHUTDOWN
69	Reserve Shutdown	06/01/2017	23:27:00	06/02/2017	12:07:00	12.67	0	0000	UNKN	RESERVE SHUTDOWN
70	Reserve Shutdown	06/03/2017	19:29:00	06/07/2017	11:35:00	88.1	0	0000	UNKN	RESERVE SHUTDOWN
71	Reserve Shutdown	06/10/2017	13:52:00	06/12/2017	12:27:00	46.58	0	0000	UNKN	RESERVE SHUTDOWN
72	Full Forced Immed	06/12/2017	12:28:00	06/16/2017	17:50:00	101.37	0	3834	BLPT	2C HRSG tube leak in the HP evaporator
73	Reserve Shutdown	06/16/2017	17:51:00	06/17/2017	10:10:00	16.32	0	0000	UNKN	RESERVE SHUTDOWN
74	Reserve Shutdown	06/19/2017	17:15:00	06/20/2017	09:53:00	16.63	0	0000	UNKN	RESERVE SHUTDOWN
75	Reserve Shutdown	06/21/2017	21:25:00	06/22/2017	11:31:00	14.1	0	0000	UNKN	RESERVE SHUTDOWN
76	Reserve Shutdown	06/24/2017	19:55:00	06/25/2017	15:40:00	19.75	0	0000	UNKN	RESERVE SHUTDOWN
77	Reserve Shutdown	06/25/2017	23:07:00	06/26/2017	10:25:00	11.3	0	0000	UNKN	RESERVE SHUTDOWN
78	Reserve Shutdown	06/26/2017	22:07:00	06/27/2017	10:58:00	12.85	0	0000	UNKN	RESERVE SHUTDOWN
79	Reserve Shutdown	06/27/2017	22:08:00	06/28/2017	10:29:00	12.35	0	0000	UNKN	RESERVE SHUTDOWN
80	Reserve Shutdown	06/29/2017	22:43:00	06/30/2017	09:40:00	10.95	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(06/01/2017 - 06/30/2017)**

Unit: BAYSIDE CT2D MDC: 158 Run Date: 7/14/2017

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
88	Reserve Shutdown	06/01/2017	00:01:00	06/01/2017	11:00:00	10.98	0	0000	UNKN	RESERVE SHUTDOWN
89	Reserve Shutdown	06/01/2017	21:50:00	06/07/2017	15:13:00	137.38	0	0000	UNKN	RESERVE SHUTDOWN
90	Reserve Shutdown	06/07/2017	23:59:00	06/08/2017	06:59:00	7	0	0000	UNKN	RESERVE SHUTDOWN
91	Maintenance Outage	06/08/2017	07:00:00	06/08/2017	19:07:00	12.12	0	3832	BLPT	2D CRS-V205 DIAPHRAGM REPAIR
92	Reserve Shutdown	06/08/2017	19:08:00	06/09/2017	14:12:00	19.07	0	0000	UNKN	RESERVE SHUTDOWN
93	Reserve Shutdown	06/09/2017	19:17:00	06/10/2017	12:18:00	17.02	0	0000	UNKN	RESERVE SHUTDOWN
94	Reserve Shutdown	06/12/2017	21:10:00	06/13/2017	07:45:00	10.58	0	0000	UNKN	RESERVE SHUTDOWN
95	Reserve Shutdown	06/14/2017	17:52:00	06/15/2017	13:12:00	19.33	0	0000	UNKN	RESERVE SHUTDOWN
96	Reserve Shutdown	06/15/2017	20:08:00	06/16/2017	11:10:00	15.03	0	0000	UNKN	RESERVE SHUTDOWN
97	Reserve Shutdown	06/16/2017	18:02:00	06/17/2017	01:15:00	7.22	0	0000	UNKN	RESERVE SHUTDOWN
98	Maintenance Outage	06/17/2017	01:16:00	06/17/2017	22:09:00	20.88	0	5272	GAST	2D CT enhanced borescope inspection (EBI)
99	Reserve Shutdown	06/17/2017	22:10:00	06/18/2017	12:22:00	14.2	0	0000	UNKN	RESERVE SHUTDOWN
100	Reserve Shutdown	06/18/2017	18:39:00	06/20/2017	12:15:00	41.6	0	0000	UNKN	RESERVE SHUTDOWN
101	Reserve Shutdown	06/20/2017	22:11:00	06/21/2017	12:45:00	14.57	0	0000	UNKN	RESERVE SHUTDOWN
102	Reserve Shutdown	06/21/2017	23:45:00	06/22/2017	12:26:00	12.68	0	0000	UNKN	RESERVE SHUTDOWN
103	Reserve Shutdown	06/22/2017	22:13:00	06/23/2017	11:59:00	13.77	0	0000	UNKN	RESERVE SHUTDOWN
104	Reserve Shutdown	06/23/2017	19:53:00	06/24/2017	08:52:00	12.98	0	0000	UNKN	RESERVE SHUTDOWN
105	Reserve Shutdown	06/27/2017	20:19:00	06/28/2017	09:28:00	13.15	0	0000	UNKN	RESERVE SHUTDOWN
106	Reserve Shutdown	06/28/2017	22:55:00	06/29/2017	11:16:00	12.35	0	0000	UNKN	RESERVE SHUTDOWN
107	Reserve Shutdown	06/29/2017	21:23:00	06/30/2017	08:06:00	10.72	0	0000	UNKN	RESERVE SHUTDOWN

Tampa Electric Company
Actual Unit Performance
Outage Listing Abbreviations and Descriptions

AGA	Acid Gas Absorber	IP	Intermediate Pressure
APH	Air Preheater	KO	Knock Out
ASU	Air Separation Unit	LCI	Load Commutated Inverter
BFP	Boiler Feed Pump	LOTO	Lock Out Tag Out
BFPT	Boiler Feed Pump Turbine	LOX	Low Oxygen
CO	Carbon Monoxide	LP	Low Pressure
CO ₂	Carbon Dioxide	LVDT	Linear Variable Differential Transducer
COS	Carbonyl Sulfide	MAC	Main Air Compressor
CRH	Cold Reheat	MkVIe	Mark 6e GE Logic Controller
CSC	Convective Syngas Coolers	MOC	Motor Operated Control
CT	Combustion Turbine	MOV	Motor Operated Valve
DA	Deaerator	N ₂	Nitrogen
DCS	Digital Control System	PLC	Programmable Logic Controller
EGT	Exit Gas Temperature	Pp	Pump
EH	Electro Hydraulic	R/R	Remove and replace
FAT	Final Absorber Tower	RATA	Relative Accuracy Test Audit
FD	Forced Draft	RSV	Reheat Stop Valve
Fdwtr	Feed water	RTD	Resistance Temperature Device
FGD	Flue Gas Desulfurization	SAP	Sulfuric Acid Plant
GEHO	Manufacturer of Slurry Pump	ST	Steam Turbine
GTG	Gas Turbine Generator	STARSS	Strategic Anti-Rotating Stall Schedule
HP	High Pressure	T/R	Transformer Rectifier
HRSR	Heat Recovery Steam Generator	TC	Thermocouple
HX	Heat Exchanger	WWTL	Water wall tube leak
IAS	Instrument Air Supply	ZBL	Zero Ball Loss condenser cleaning system
ID	Induced Draft		