

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, 2018

ELECTRONIC FILING

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

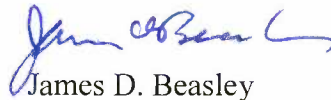
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor; FPSC Docket No. 20180001-EI

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 2018.

Thank you for your assistance in connection with this matter.

Sincerely,



James D. Beasley

JDB/ne

Attachment

cc: All parties of record (w/attachment)

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Schedules, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 25th day of July 2018 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

Rhonda J. Alexander
Regulatory, Forecasting & Pricing Manager
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0780
rjalexad@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

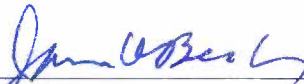
Mr. Mike Cassel
Regulatory and Governmental Affairs
Florida Public Utilities Company
Florida Division of Chesapeake Utilities Corp.
1750 SW 14th Street, Suite 200
Fernandina Beach, FL 32034
mcassel@fpuc.com

Mr. Jeffrey A. Stone
General Counsel
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0100
jastone@southernco.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. Russell A. Badders
Mr. Steven R. Griffin
Beggs & Lane
Post Office Box 12950
Pensacola, FL 32591
rab@beggslane.com
srg@beggslane.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 2018 - DECEMBER 2018

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 18	FEB 18	MAR 18	APR 18	MAY 18	JUN 18	JUL 18	AUG 18	SEP 18	OCT 18	NOV 18	DEC 18	2018
1. EAF (%)	63.7	66.6	80.1	33.5	0.3	92.5							55.3
2. PH	744	672	743	720	744	720							4343
3. SH	503.5	549.5	743.0	271.0	0.0	224.3							2291.3
4. RSH	180.2	36.8	0.0	0.0	2.3	442.7							662.0
5. UH	60.3	85.7	0.0	449.0	741.7	53.0							1389.7
6. POH	0.0	0.0	0.0	449.0	741.7	0.0							1190.7
7. FOH	60.3	85.7	0.0	0.0	0.0	53.0							199.0
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
9. PFOH	327.6	235.1	0.0	0.0	0.0	0.0							562.6
10. LR PF (MW)	44.1	9.6	0.0	0.0	0.0	0.0							29.7
11. PMOH	744.0	672.3	743.5	720.0	0.0	1.0							2880.8
12. LR PM (MW)	91.9	78.1	78.4	15.9	0.0	235.0							66.3
13. NSC (MW)	395	395	395	385	340	340							375
14. OPR BTU(GBTU)	732.3050	1006.8930	1196.0500	500.0300	0.0000	306.2350							3741.5130
15. NET GEN (MWH)	62029	94369	105001	48780	0	26562							336741
16. ANOHR (BTU/KWH)	11806	10670	11391	10251	0	11529							11111
17. NOF (%)	31.2	43.5	35.8	46.8	0.0	34.8							39.2
18. NPC (MW)	395	395	395	385	340	340							375
19. ANOHR EQUATION	ANOHR = NOF (-17.276) + 12,362												

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TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2018 - DECEMBER 2018

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 18	FEB 18	MAR 18	APR 18	MAY 18	JUN 18	JUL 18	AUG 18	SEP 18	OCT 18	NOV 18	DEC 18	2018
1. EAF (%)	57.3	35.3	30.7	66.2	91.3	73.8							59.4
2. PH	744	672	743	720	744	720							4343
3. SH	492.1	390.2	384.5	540.9	679.6	691.9							3179.3
4. RSH	0.0	23.6	0.0	0.0	0.0	28.1							51.7
5. UH	251.9	258.2	358.5	179.1	64.4	0.0							1112.0
6. POH	0.0	0.0	358.5	112.3	0.0	0.0							470.8
7. FOH	251.9	258.2	0.0	0.0	64.4	0.0							574.5
8. MOH	0.0	0.0	0.0	66.8	0.0	0.0							66.8
9. PFOH	787.0	1294.6	1486.0	645.0	1.7	264.4							4478.7
10. LR PF (MW)	33.4	54.6	42.1	38.8	40.0	280.7							57.8
11. PMOH	0.0	0.0	0.0	2.0	0.0	2.4							4.4
12. LR PM (MW)	0.0	0.0	0.0	120.0	0.0	120.0							120.0
13. NSC (MW)	400	400	400	395	395	395							398
14. OPR BTU(GBTU)	1798.7949	987.5843	1084.0753	1965.2639	2635.8096	2359.6073							10831.1354
15. NET GEN (MWH)	163854	85845	90768	181082	247448	219091							988088
16. ANOHR BTU/KWH	10978	11504	11943	10853	10652	10770							10962
17. NOF (%)	83.2	55.0	59.0	84.8	92.2	80.2							78.2
18. NPC (MW)	400	400	400	395	395	395							398
19. ANOHR EQUATION	ANOHR = NOF (-17.826) + 12,060												

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ORIGINAL SHEET NO. 8.401.17A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2018 - DECEMBER 2018

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 18	FEB 18	MAR 18	APR 18	MAY 18	JUN 18	JUL 18	AUG 18	SEP 18	OCT 18	NOV 18	DEC 18	2018
1. EAF (%)	78.7	13.1	8.0	87.7	68.2	60.1							53.1
2. PH	744	672	743	720	744	720							4343
3. SH	744.0	69.0	59.2	720.0	635.9	523.4							2751.6
4. RSH	0.0	147.0	0.0	0.0	0.0	0.0							147.0
5. UH	0.0	456.0	683.8	0.0	108.1	196.6							1444.4
6. POH	0.0	456.0	683.8	0.0	0.0	0.0							1139.8
7. FOH	0.0	0.0	0.0	0.0	108.1	196.6							304.7
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
9. PFOH	1611.4	2670.2	2735.1	762.4	2361.8	1764.0							11904.9
10. LR PF (MW)	43.4	21.2	0.0	49.9	23.3	22.1							21.7
11. PMOH	0.0	0.0	0.0	6.3	5.9	5.0							17.3
12. LR PM (MW)	0.0	0.0	0.0	119.5	171.1	113.8							135.5
13. NSC (MW)	442	442	442	437	437	437							440
14. OPR BTU(GBTU)	2713.8402	129.6618	163.7140	2755.0214	2397.7246	1977.6829							10137.6449
15. NET GEN (MWH)	254243	13470	15848	260531	213939	181524							939555
16. ANOHR BTU/KWH	10674	9626	10330	10575	11208	10895							10790
17. NOF (%)	77.3	44.2	60.5	82.8	77.0	79.4							77.7
18. NPC (MW)	442	442	442	437	437	437							440
19. ANOHR EQUATION	ANOHR = NOF (-12.371) + 11,518												

ORIGINAL SHEET NO. 8.401.18A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2018 - DECEMBER 2018

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 18	FEB 18	MAR 18	APR 18	MAY 18	JUN 18	JUL 18	AUG 18	SEP 18	OCT 18	NOV 18	DEC 18	2018
1. EAF (%)	75.1	97.1	49.1	72.8	82.9	89.6							77.4
2. PH	744	672	743	720	744	720							4343
3. SH	567.8	669.2	384.2	454.4	648.7	603.2							3327.4
4. RSH	0.0	0.0	12.6	136.7	47.5	108.8							305.6
5. UH	176.2	2.8	346.2	129.0	47.8	8.0							710.1
6. POH	0.0	0.0	147.2	0.0	0.0	0.0							147.2
7. FOH	176.2	2.8	199.0	95.3	3.3	8.0							484.7
8. MOH	0.0	0.0	0.0	33.6	44.5	0.0							78.1
9. PFOH	236.6	121.2	171.5	720.0	744.0	577.2							2570.5
10. LR PF (MW)	8.2	29.8	30.0	20.5	23.4	25.6							22.4
11. PMOH	0.0	0.0	420.7	0.0	0.0	0.0							420.7
12. LR PM (MW)	0.0	0.0	4.4	0.0	0.0	0.0							4.4
13. NSC (MW)	220	220	220	220	220	220							220
14. OPR BTU(GBTU)	1332.1999	1559.7320	703.7845	552.8960	629.9650	969.9011							5748.4785
15. NET GEN (MWH)	126117	152887	69570	60461	67992	79644							556671
16. ANOHR BTU/KWH	10563	10202	10116	9145	9265	12178							10327
17. NOF (%)	101.0	103.9	82.3	60.5	47.6	60.0							76.0
18. NPC (MW)	220	220	220	220	220	220							220
19. ANOHR EQUATION	ANOHR = NOF (16.584) + 8,334												

ORIGINAL SHEET NO. 8.401.18A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2018 - DECEMBER 2018

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 2 CC	JAN 18	FEB 18	MAR 18	APR 18	MAY 18	JUN 18	JUL 18	AUG 18	SEP 18	OCT 18	NOV 18	DEC 18	2018
1. EAF (%)	89.0	92.9	97.6	98.9	88.6	99.9							94.4
2. PH	744	672	743	720	744	720							4343
3. SH	743.0	672.0	743.0	720.0	656.7	720.0							4254.7
4. RSH	44.6	29.5	6.8	35.7	105.1	15.8							237.4
5. UH	42.5	47.3	10.6	4.4	79.9	0.0							184.7
6. POH	20.6	47.3	5.6	0.0	0.0	0.0							73.5
7. FOH	11.8	0.0	5.1	4.4	6.0	0.0							27.2
8. MOH	10.1	0.0	0.0	0.0	73.9	0.0							84.0
9. PFOH	656.7	0.9	91.8	30.4	6.2	6.1							792.1
10. LR PF (MW)	33.9	125.0	95.2	115.0	108.9	42.9							44.9
11. PMOH	204.7	315.3	37.3	0.0	49.5	5.8							612.5
12. LR PM (MW)	123.0	0.0	0.0	0.0	95.5	115.0							49.9
13. NSC (MW)	1200	1200	1200	1061	1061	1061							1131
14. OPR BTU(GBTU)	4009.5850	3482.8960	4694.5570	4117.4190	3268.5620	4321.0599							23894.0789
15. NET GEN (MWH)	586465	538133	728981	634576	473543	648403							3610101
16. ANOHR BTU/KWH	6837	6472	6440	6488	6902	6664							6619
17. NOF (%)	65.8	66.7	81.8	83.1	68.0	84.9							75.1
18. NPC (MW)	1200	1200	1200	1061	1061	1061							1131
19. ANOHR EQUATION	ANOHR = NOF (-13.653) + 8,424												

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ORIGINAL SHEET NO. 8.401.18A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2018 - DECEMBER 2018

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 18	FEB 18	MAR 18	APR 18	MAY 18	JUN 18	JUL 18	AUG 18	SEP 18	OCT 18	NOV 18	DEC 18	2018
1. EAF (%)	94.4	99.0	96.2	56.5	97.6	100.0							90.6
2. PH	744	672	743	720	744	720							4343
3. SH	670.6	672.0	743.0	422.0	744.0	720.0							3971.6
4. RSH	241.6	66.7	124.7	86.6	151.1	132.9							803.6
5. UH	33.4	4.6	20.3	302.9	11.7	0.0							372.8
6. POH	0.0	0.0	0.0	300.6	0.0	0.0							300.6
7. FOH	9.1	2.3	7.4	2.3	1.7	0.0							22.8
8. MOH	24.2	2.3	12.9	0.0	10.0	0.0							49.4
9. PFOH	39.6	10.0	19.4	10.3	9.2	0.0							88.5
10. LR PF (MW)	82.0	82.0	82.0	79.0	69.3	0.0							80.3
11. PMOH	39.9	9.9	55.6	48.8	45.0	0.0							199.3
12. LR PM (MW)	82.0	82.0	82.0	128.2	79.0	0.0							92.6
13. NSC (MW)	792	792	792	701	701	701							747
14. OPR BTU(GBTU)	1633.0960	2454.5140	2329.2960	1223.2730	2130.9140	2323.0760							12094.1690
15. NET GEN (MWH)	217843	332848	308710	162902	285477	306014							1613794
16. ANOHR (BTU/KWH)	7497	7374	7545	7509	7464	7591							7494
17. NOF (%)	41.0	62.5	52.5	55.1	54.7	60.6							54.4
18. NPC (MW)	792	792	792	701	701	701							747
19. ANOHR EQUATION	ANOHR = NOF (-13.560) + 8,341												

ORIGINAL SHEET NO. 8.401.18A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2018 - DECEMBER 2018

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 18	FEB 18	MAR 18	APR 18	MAY 18	JUN 18	JUL 18	AUG 18	SEP 18	OCT 18	NOV 18	DEC 18	2018
1. EAF (%)	87.8	0.0	0.0	56.1	93.1	90.7							55.3
2. PH	744	672	743	720	744	720							4343
3. SH	695.6	0.0	0.0	405.0	708.2	720.0							2528.8
4. RSH	243.7	0.0	0.0	114.2	168.1	150.5							676.5
5. UH	72.2	672.0	743.0	310.4	46.7	45.7							1890.1
6. POH	46.4	672.0	743.0	290.4	0.0	0.0							1751.8
7. FOH	15.5	0.0	0.0	19.4	9.0	0.0							43.9
8. MOH	10.3	0.0	0.0	0.6	37.8	45.7							94.4
9. PFOH	9.4	0.0	0.0	65.5	51.0	0.0							125.9
10. LR PF (MW)	79.0	0.0	0.0	74.3	77.0	0.0							75.7
11. PMOH	231.8	0.0	0.0	3.5	8.3	272.0							515.6
12. LR PM (MW)	79.3	0.0	0.0	77.0	77.0	72.7							75.8
13. NSC (MW)	1047	1047	1047	929	929	929							988
14. OPR BTU(GBTU)	1818.3620	0.0000	0.0000	1418.0970	2605.2610	2515.5910							8357.3110
15. NET GEN (MWH)	232588	-3128	-3411	187162	347726	330641							1091578
16. ANOHR (BTU/KWH)	7818	0	0	7577	7492	7608							7656
17. NOF (%)	31.9	0.0	0.0	49.7	52.9	49.4							43.7
18. NPC (MW)	1047	1047	1047	929	929	929							988
19. ANOHR EQUATION	ANOHR = NOF (-11.437) + 8,274												

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**Tampa Electric Company
Outage Listing
(06/01/2018 - 06/30/2018)**

Unit: BIG BEND 2 MDC: 410 Run Date: 7/11/2018

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
22	Reserve Shutdown	05/31/2018	21:40:00	06/19/2018	10:43:00	442.72	0	0000	UNKN	RESERVE SHUTDOWN
23	Full Forced Immed	06/19/2018	10:46:00	06/19/2018	12:54:00	2.13	0	0359	BLR	10S Gas igniter trifecta valve stuck. MFT trip.
24	Full Forced Immed	06/19/2018	13:25:00	06/19/2018	16:11:00	2.77	0	0359	BLR	12N Gas igniter trifecta valve stuck. MFT trip.
25	Full Forced Delayed	06/20/2018	00:15:00	06/22/2018	00:20:00	48.08	0	0830	BLR	Boiler drum door gasket leak.
26	Planned Derating	06/25/2018	14:30:00	06/25/2018	15:00:00	0.5	120	4842	GEN	FERC Testing (VARS, frequency)
27	Partial Maintenance	06/27/2018	01:00:00	06/27/2018	01:30:00	0.5	120	4268	TURB	Main Turbine valve testing

**Tampa Electric Company
Outage Listing
(06/01/2018 - 06/30/2018)**

Unit: BIG BEND 3 MDC: 420 Run Date: 7/11/2018

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
31	Partial Maintenance	06/02/2018	00:47:00	06/02/2018	02:23:00	1.6	300	4268	TURB	Main Turbine valve testing
32	Partial Maintenance	06/16/2018	01:00:00	06/16/2018	01:45:00	0.75	300	4268	TURB	Main Turbine valve testing
33	Partial Forced Delayed	06/19/2018	12:15:00	06/22/2018	15:30:00	49.58	365	0891	BLR	A tank full and B doghouse drain leak. Natural gas only
33	Partial Forced Delayed	06/19/2018	12:15:00	06/22/2018	15:30:00	12.17	365	0891	BLR	A tank full and B doghouse drain leak. Natural gas only
33	Partial Forced Delayed	06/19/2018	12:15:00	06/22/2018	15:30:00	13.5	365	0891	BLR	A tank full and B doghouse drain leak. Natural gas only
34	Partial Forced Delayed	06/21/2018	13:50:00	06/22/2018	02:00:00	12.17	290	1470	BLR	A ID Fan VFD cooling water leak
35	Partial Forced Postponed	06/23/2018	15:00:00	01/01/2019	00:00:00	148.92	365	0891	BLR	A tank full and B doghouse drain leak. Natural gas only
35	Partial Forced Postponed	06/23/2018	15:00:00	01/01/2019	00:00:00	28.08	365	0891	BLR	A tank full and B doghouse drain leak. Natural gas only
36	Reserve Shutdown	06/29/2018	19:55:00	01/01/2019	00:00:00	28.08	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(06/01/2018 - 06/30/2018)**

Unit: BIG BEND 4 MDC: 470 Run Date: 7/11/2018

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
28	Partial Forced Immed	04/15/2018	09:25:00	06/16/2018	19:43:00	47.62	410	8812	NOx	High differential pressure indication across catalyst
28	Partial Forced Immed	04/15/2018	09:25:00	06/16/2018	19:43:00	1.22	410	8812	NOx	High differential pressure indication across catalyst
28	Partial Forced Immed	04/15/2018	09:25:00	06/16/2018	19:43:00	134.33	410	8812	NOx	High differential pressure indication across catalyst
28	Partial Forced Immed	04/15/2018	09:25:00	06/16/2018	19:43:00	196.55	410	8812	NOx	High differential pressure indication across catalyst
33	Partial Forced Immed	05/04/2018	13:41:00	06/16/2018	19:43:00	47.62	390	0870	BLR	High APH inlet temperature indications due to sootblow
33	Partial Forced Immed	05/04/2018	13:41:00	06/16/2018	19:43:00	1.22	390	0870	BLR	High APH inlet temperature indications due to sootblow
33	Partial Forced Immed	05/04/2018	13:41:00	06/16/2018	19:43:00	134.33	390	0870	BLR	High APH inlet temperature indications due to sootblow
33	Partial Forced Immed	05/04/2018	13:41:00	06/16/2018	19:43:00	196.55	390	0870	BLR	High APH inlet temperature indications due to sootblow
38	Partial Forced Immed	05/25/2018	14:00:00	06/16/2018	19:43:00	47.62	385	8299	POLL	FGD Inlet duct pressure limits due to hole in ductwork.
38	Partial Forced Immed	05/25/2018	14:00:00	06/16/2018	19:43:00	1.22	385	8299	POLL	FGD Inlet duct pressure limits due to hole in ductwork.
38	Partial Forced Immed	05/25/2018	14:00:00	06/16/2018	19:43:00	134.33	385	8299	POLL	FGD Inlet duct pressure limits due to hole in ductwork.
38	Partial Forced Immed	05/25/2018	14:00:00	06/16/2018	19:43:00	196.55	385	8299	POLL	FGD Inlet duct pressure limits due to hole in ductwork.
41	Partial Maintenance	06/02/2018	23:37:00	06/03/2018	00:50:00	1.22	335	4268	TURB	Main Turbine valve testing
42	Full Forced Delayed	06/08/2018	15:10:00	06/16/2018	19:43:00	196.55	0	1000	BLR	Boiler tube leak
43	Partial Forced Immed	06/17/2018	13:20:00	01/01/2019	00:00:00	20.5	410	8299	POLL	C Booster fan amp limits
43	Partial Forced Immed	06/17/2018	13:20:00	01/01/2019	00:00:00	18.92	410	8299	POLL	C Booster fan amp limits
43	Partial Forced Immed	06/17/2018	13:20:00	01/01/2019	00:00:00	76.25	410	8299	POLL	C Booster fan amp limits
43	Partial Forced Immed	06/17/2018	13:20:00	01/01/2019	00:00:00	1.5	410	8299	POLL	C Booster fan amp limits
43	Partial Forced Immed	06/17/2018	13:20:00	01/01/2019	00:00:00	2.83	410	8299	POLL	C Booster fan amp limits
43	Partial Forced Immed	06/17/2018	13:20:00	01/01/2019	00:00:00	36.92	410	8299	POLL	C Booster fan amp limits
43	Partial Forced Immed	06/17/2018	13:20:00	01/01/2019	00:00:00	1	410	8299	POLL	C Booster fan amp limits
43	Partial Forced Immed	06/17/2018	13:20:00	01/01/2019	00:00:00	164.75	410	8299	POLL	C Booster fan amp limits
44	Partial Forced Immed	06/18/2018	09:50:00	06/19/2018	04:45:00	18.92	385	1455	BLR	ID Fans reached high amp limits
45	Partial Forced Immed	06/19/2018	04:45:00	06/22/2018	09:00:00	76.25	390	1455	BLR	ID Fans reached high amp limits
46	Partial Forced Immed	06/22/2018	09:00:00	01/01/2019	00:00:00	1.5	400	8299	POLL	C Booster fan amp limits
46	Partial Forced Immed	06/22/2018	09:00:00	01/01/2019	00:00:00	2.83	400	8299	POLL	C Booster fan amp limits
46	Partial Forced Immed	06/22/2018	09:00:00	01/01/2019	00:00:00	36.92	400	8299	POLL	C Booster fan amp limits
46	Partial Forced Immed	06/22/2018	09:00:00	01/01/2019	00:00:00	1	400	8299	POLL	C Booster fan amp limits
46	Partial Forced Immed	06/22/2018	09:00:00	01/01/2019	00:00:00	164.75	400	8299	POLL	C Booster fan amp limits

**Tampa Electric Company
Outage Listing
(06/01/2018 - 06/30/2018)**

Unit: BIG BEND 4 MDC: 470 Run Date: 7/11/2018

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	Planned Derating	06/22/2018	10:30:00	06/22/2018	13:20:00	2.83	260	4842	GEN	FERC Testing (VARs, frequency)
48	Partial Maintenance	06/24/2018	02:15:00	06/24/2018	03:15:00	1	260	4268	TURB	Main turbine valve testing

**Tampa Electric Company
Outage Listing
(06/01/2018 - 06/30/2018)**

Unit: POLK 1 MDC: 290 Run Date: 7/11/2018

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
20	Partial Forced Immed	03/28/2018	09:30:00	06/20/2018	13:34:00	108.82	200	6399	GASF	Gasifier Emergency Shutdown System hardware fire
20	Partial Forced Immed	03/28/2018	09:30:00	06/20/2018	13:34:00	360.75	200	6399	GASF	Gasifier Emergency Shutdown System hardware fire
33	Reserve Shutdown	05/30/2018	00:30:00	06/05/2018	12:49:00	108.82	0	0000	UNKN	RESERVE SHUTDOWN
34	Full Forced Immed	06/22/2018	05:04:00	06/22/2018	13:06:00	8.03	0	9300	EXTL	230KV Relay failure tripped GTG GSU & SS lines
35	Partial Forced Immed	06/21/2018	08:59:00	06/21/2018	16:25:00	7.43	200	6399	GASF	Gasifier Emergency Shutdown System hardware trip te
36	Noncurtailing	06/22/2018	05:04:00	06/22/2018	13:58:00	8.9	0	9300	EXTL	GTG Tripped, Gasifier continued to run
38	Partial Forced Immed	06/26/2018	19:51:00	07/04/2018	13:59:00	100.15	200	6399	GASF	Saturator leak repair, SAP Compressor vibration repair

**Tampa Electric Company
Outage Listing
(06/01/2018 - 06/30/2018)**

Unit: POLK 2ST MDC: 479 Run Date: 7/11/2018

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 Maintenance	06/18/2018	08:12:00	06/18/2018	12:38:00	4.43	359	5041	GAST	GTG2 Reserve Shutdown, Restart required attempted
43	Partial Forced Immed	06/13/2018	08:19:00	06/13/2018	10:12:00	1.88	359	5041	GAST	GTG3 Reserve Shutdown, Restart required attempted
44	Partial Maintenance	06/15/2018	08:57:00	06/15/2018	10:20:00	1.38	359	5041	GAST	GTG3 Reserve Shutdown, Restart required attempted
45	Partial Forced Immed	06/09/2018	17:12:00	06/09/2018	18:57:00	1.75	467	6299	COMB	Ft Greene Gas Regulators issuses, reduce gas pressu
46	Partial Forced Immed	06/10/2018	19:40:00	06/10/2018	22:10:00	2.5	467	6299	COMB	Ft Greene Gas Regulators issuses, reduce gas pressu

**Tampa Electric Company
Outage Listing
(06/01/2018 - 06/30/2018)**

Unit: POLK 2 MDC: 151 Run Date: 7/11/2018

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	Reserve Shutdown	05/31/2018	23:05:00	06/01/2018	06:11:00	6.18	0	0000	UNKN	RESERVE SHUTDOWN
43	Reserve Shutdown	06/12/2018	00:08:00	06/12/2018	08:12:00	8.07	0	0000	UNKN	Reserve Shutdown, Restart required attempted on Liq
45	Reserve Shutdown	06/12/2018	09:52:00	06/12/2018	12:38:00	2.77	0	0000	UNKN	RESERVE SHUTDOWN
46	Reserve Shutdown	06/24/2018	00:44:00	06/24/2018	12:37:00	11.88	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(06/01/2018 - 06/30/2018)**

Unit: POLK 3 MDC: 151 Run Date: 7/11/2018

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
34	Reserve Shutdown	06/13/2018	00:01:00	06/13/2018	08:19:00	8.3	0	0000	UNKN	RESERVE SHUTDOWN
35	Reserve Shutdown	06/13/2018	09:16:00	06/13/2018	10:12:00	0.93	0	0000	UNKN	Reserve Shutdown, Restart required attempted on Liq
36	Reserve Shutdown	06/13/2018	23:59:00	06/14/2018	09:07:00	9.13	0	0000	UNKN	RESERVE SHUTDOWN
37	Reserve Shutdown	06/15/2018	00:24:00	06/15/2018	08:57:00	8.55	0	0000	UNKN	RESERVE SHUTDOWN
38	Reserve Shutdown	06/15/2018	09:18:00	06/15/2018	10:20:00	1.03	0	0000	UNKN	Reserve Shutdown, Restart required attempted on Liq
39	Reserve Shutdown	06/16/2018	23:52:00	06/17/2018	09:31:00	9.65	0	0000	UNKN	RESERVE SHUTDOWN
40	Reserve Shutdown	06/23/2018	02:16:00	06/23/2018	09:33:00	7.28	0	0000	UNKN	RESERVE SHUTDOWN
41	Reserve Shutdown	06/25/2018	00:13:00	06/25/2018	10:14:00	10.02	0	0000	UNKN	RESERVE SHUTDOWN
42	Reserve Shutdown	06/25/2018	23:54:00	06/26/2018	09:19:00	9.42	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(06/01/2018 - 06/30/2018)**

Unit: POLK 4 MDC: 151 Run Date: 7/11/2018

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
41	Reserve Shutdown	06/07/2018	00:23:00	06/07/2018	09:11:00	8.8	0	0000	UNKN	RESERVE SHUTDOWN
42	Reserve Shutdown	06/07/2018	23:53:00	06/08/2018	09:52:00	9.98	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(06/01/2018 - 06/30/2018)**

Unit: POLK 5 MDC: 151 Run Date: 7/11/2018

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
(06/01/2018 - 06/30/2018)**

Unit: BAYSIDE ST1 MDC: 236 Run Date: 7/11/2018

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
(06/01/2018 - 06/30/2018)**

Unit: BAYSIDE CT1A MDC: 158 Run Date: 7/11/2018

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
70	Reserve Shutdown	06/01/2018	00:00:00	06/01/2018	10:40:00	10.67	0	0000	UNKN	RESERVE SHUTDOWN
71	Reserve Shutdown	06/01/2018	19:14:00	06/02/2018	10:52:00	15.63	0	0000	UNKN	RESERVE SHUTDOWN
72	Reserve Shutdown	06/05/2018	02:38:00	06/05/2018	11:23:00	8.75	0	0000	UNKN	RESERVE SHUTDOWN
73	Reserve Shutdown	06/05/2018	21:01:00	06/06/2018	10:13:00	13.2	0	0000	UNKN	RESERVE SHUTDOWN
74	Reserve Shutdown	06/06/2018	23:06:00	06/07/2018	11:54:00	12.8	0	0000	UNKN	RESERVE SHUTDOWN
75	Reserve Shutdown	06/07/2018	20:16:00	06/08/2018	10:52:00	14.6	0	0000	UNKN	RESERVE SHUTDOWN
76	Reserve Shutdown	06/08/2018	19:11:00	06/09/2018	09:27:00	14.27	0	0000	UNKN	RESERVE SHUTDOWN
77	Reserve Shutdown	06/18/2018	19:43:00	06/19/2018	08:42:00	12.98	0	0000	UNKN	RESERVE SHUTDOWN
78	Reserve Shutdown	06/19/2018	23:26:00	06/20/2018	11:04:00	11.63	0	0000	UNKN	RESERVE SHUTDOWN
79	Reserve Shutdown	06/21/2018	01:23:00	06/21/2018	10:25:00	9.03	0	0000	UNKN	RESERVE SHUTDOWN
80	Reserve Shutdown	06/21/2018	20:13:00	06/22/2018	06:09:00	9.93	0	0000	UNKN	RESERVE SHUTDOWN
81	Reserve Shutdown	06/22/2018	19:58:00	06/23/2018	08:56:00	12.97	0	0000	UNKN	RESERVE SHUTDOWN
82	Reserve Shutdown	06/25/2018	20:31:00	06/26/2018	06:00:00	9.48	0	0000	UNKN	RESERVE SHUTDOWN
83	Reserve Shutdown	06/26/2018	22:50:00	06/27/2018	06:47:00	7.95	0	0000	UNKN	RESERVE SHUTDOWN
84	Reserve Shutdown	06/27/2018	22:02:00	06/28/2018	09:13:00	11.18	0	0000	UNKN	RESERVE SHUTDOWN
85	Reserve Shutdown	06/28/2018	23:07:00	06/29/2018	15:36:00	16.48	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(06/01/2018 - 06/30/2018)**

Unit: BAYSIDE CT1B MDC: 158 Run Date: 7/11/2018

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	06/01/2018	00:01:00	06/01/2018	12:20:00	12.32	0	0000	UNKN	RESERVE SHUTDOWN
72	Reserve Shutdown	06/03/2018	00:50:00	06/03/2018	12:16:00	11.43	0	0000	UNKN	RESERVE SHUTDOWN
73	Reserve Shutdown	06/09/2018	00:46:00	06/09/2018	11:00:00	10.23	0	0000	UNKN	RESERVE SHUTDOWN
74	Reserve Shutdown	06/09/2018	23:32:00	06/10/2018	10:49:00	11.28	0	0000	UNKN	RESERVE SHUTDOWN
75	Reserve Shutdown	06/11/2018	00:09:00	06/11/2018	10:37:00	10.47	0	0000	UNKN	RESERVE SHUTDOWN
76	Reserve Shutdown	06/15/2018	23:47:00	06/16/2018	10:25:00	10.63	0	0000	UNKN	RESERVE SHUTDOWN
77	Reserve Shutdown	06/17/2018	01:26:00	06/17/2018	12:19:00	10.88	0	0000	UNKN	RESERVE SHUTDOWN
78	Reserve Shutdown	06/17/2018	23:29:00	06/18/2018	10:52:00	11.38	0	0000	UNKN	RESERVE SHUTDOWN
79	Reserve Shutdown	06/19/2018	22:20:00	06/20/2018	09:11:00	10.85	0	0000	UNKN	RESERVE SHUTDOWN
80	Reserve Shutdown	06/21/2018	22:21:00	06/22/2018	10:48:00	12.45	0	0000	UNKN	RESERVE SHUTDOWN
81	Reserve Shutdown	06/22/2018	20:20:00	06/23/2018	11:06:00	14.77	0	0000	UNKN	RESERVE SHUTDOWN
82	Reserve Shutdown	06/24/2018	22:11:00	06/25/2018	09:30:00	11.32	0	0000	UNKN	RESERVE SHUTDOWN
83	Reserve Shutdown	06/27/2018	23:30:00	06/28/2018	11:44:00	12.23	0	0000	UNKN	RESERVE SHUTDOWN
84	Reserve Shutdown	06/29/2018	23:44:00	06/30/2018	10:35:00	10.85	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(06/01/2018 - 06/30/2018)**

Unit: BAYSIDE CT1C MDC: 158 Run Date: 7/11/2018

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	Reserve Shutdown	06/02/2018	20:52:00	06/03/2018	10:28:00	13.6	0	0000	UNKN	RESERVE SHUTDOWN
78	Reserve Shutdown	06/03/2018	18:21:00	06/04/2018	09:53:00	15.53	0	0000	UNKN	RESERVE SHUTDOWN
79	Reserve Shutdown	06/04/2018	22:29:00	06/05/2018	09:45:00	11.27	0	0000	UNKN	RESERVE SHUTDOWN
80	Reserve Shutdown	06/06/2018	00:18:00	06/07/2018	10:46:00	34.47	0	0000	UNKN	RESERVE SHUTDOWN
81	Reserve Shutdown	06/08/2018	01:16:00	06/08/2018	11:58:00	10.7	0	0000	UNKN	RESERVE SHUTDOWN
82	Reserve Shutdown	06/09/2018	20:17:00	06/10/2018	09:36:00	13.32	0	0000	UNKN	RESERVE SHUTDOWN
83	Reserve Shutdown	06/10/2018	20:21:00	06/11/2018	08:52:00	12.52	0	0000	UNKN	RESERVE SHUTDOWN
84	Reserve Shutdown	06/15/2018	22:14:00	06/16/2018	09:35:00	11.35	0	0000	UNKN	RESERVE SHUTDOWN
85	Reserve Shutdown	06/17/2018	00:44:00	06/17/2018	10:51:00	10.12	0	0000	UNKN	RESERVE SHUTDOWN
86	Reserve Shutdown	06/17/2018	22:24:00	06/18/2018	08:46:00	10.37	0	0000	UNKN	RESERVE SHUTDOWN
87	Reserve Shutdown	06/18/2018	21:43:00	06/19/2018	10:00:00	12.28	0	0000	UNKN	RESERVE SHUTDOWN
88	Reserve Shutdown	06/21/2018	00:22:00	06/21/2018	09:00:00	8.63	0	0000	UNKN	RESERVE SHUTDOWN
89	Reserve Shutdown	06/23/2018	22:25:00	06/24/2018	10:40:00	12.25	0	0000	UNKN	RESERVE SHUTDOWN
90	Reserve Shutdown	06/24/2018	19:51:00	06/25/2018	08:07:00	12.27	0	0000	UNKN	RESERVE SHUTDOWN
91	Reserve Shutdown	06/25/2018	23:06:00	06/26/2018	10:33:00	11.45	0	0000	UNKN	RESERVE SHUTDOWN
92	Reserve Shutdown	06/27/2018	00:59:00	06/27/2018	10:00:00	9.02	0	0000	UNKN	RESERVE SHUTDOWN
93	Reserve Shutdown	06/28/2018	15:24:00	06/29/2018	08:12:00	16.8	0	0000	UNKN	RESERVE SHUTDOWN
94	Reserve Shutdown	06/29/2018	19:47:00	06/30/2018	09:43:00	13.93	0	0000	UNKN	RESERVE SHUTDOWN
95	Reserve Shutdown	06/30/2018	19:17:00	06/30/2018	23:59:00	4.7	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(06/01/2018 - 06/30/2018)**

Unit: BAYSIDE ST2 MDC: 308 Run Date: 7/11/2018

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
29	Partial Maintenance	06/26/2018	18:49:00	06/27/2018	09:54:00	15.08	231	4860	GEN	ST 2 Derate - 2B Replace 89ND Switch in GTE
30	Partial Maintenance	06/29/2018	16:01:00	06/30/2018	16:45:00	24.73	231	3899	BLPT	ST 2 Derate - 2B Boiler Feed Pump Motor Vibration. R
31	Partial Maintenance	06/15/2018	16:00:00	06/21/2018	11:53:00	139.88	231	3834	BLPT	ST 2 Derate - 2C HRSG LEAK HP SECTION
34	Partial Maintenance	06/23/2018	19:32:00	06/27/2018	15:53:00	71.28	231	3834	BLPT	ST 2 Derate - 2D HRSG Tube Leak Repairs
34	Partial Maintenance	06/23/2018	19:32:00	06/27/2018	15:53:00	15.08	231	3834	BLPT	ST 2 Derate - 2D HRSG Tube Leak Repairs
34	Partial Maintenance	06/23/2018	19:32:00	06/27/2018	15:53:00	5.98	231	3834	BLPT	ST 2 Derate - 2D HRSG Tube Leak Repairs

**Tampa Electric Company
Outage Listing
(06/01/2018 - 06/30/2018)**

Unit: BAYSIDE CT2A MDC: 158 Run Date: 7/11/2018

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
43	Reserve Shutdown	06/01/2018	00:59:00	06/01/2018	11:39:00	10.67	0	0000	UNKN	RESERVE SHUTDOWN
44	Reserve Shutdown	06/01/2018	23:28:00	06/02/2018	13:09:00	13.68	0	0000	UNKN	RESERVE SHUTDOWN
45	Reserve Shutdown	06/02/2018	19:53:00	06/03/2018	10:57:00	15.07	0	0000	UNKN	RESERVE SHUTDOWN
46	Reserve Shutdown	06/05/2018	00:29:00	06/05/2018	11:57:00	11.47	0	0000	UNKN	RESERVE SHUTDOWN
47	Reserve Shutdown	06/06/2018	20:43:00	06/07/2018	09:33:00	12.83	0	0000	UNKN	RESERVE SHUTDOWN
48	Reserve Shutdown	06/08/2018	23:22:00	06/09/2018	11:45:00	12.38	0	0000	UNKN	RESERVE SHUTDOWN
49	Reserve Shutdown	06/10/2018	00:29:00	06/10/2018	12:13:00	11.73	0	0000	UNKN	RESERVE SHUTDOWN
50	Reserve Shutdown	06/12/2018	19:52:00	06/13/2018	09:38:00	13.77	0	0000	UNKN	RESERVE SHUTDOWN
51	Reserve Shutdown	06/13/2018	23:00:00	06/14/2018	11:32:00	12.53	0	0000	UNKN	RESERVE SHUTDOWN
52	Reserve Shutdown	06/14/2018	21:33:00	06/15/2018	08:50:00	11.28	0	0000	UNKN	RESERVE SHUTDOWN
53	Reserve Shutdown	06/16/2018	21:48:00	06/17/2018	09:49:00	12.02	0	0000	UNKN	RESERVE SHUTDOWN
54	Reserve Shutdown	06/19/2018	01:13:00	06/19/2018	10:59:00	9.77	0	0000	UNKN	RESERVE SHUTDOWN
55	Reserve Shutdown	06/20/2018	20:44:00	06/21/2018	05:39:00	8.92	0	0000	UNKN	RESERVE SHUTDOWN
56	Reserve Shutdown	06/22/2018	00:41:00	06/22/2018	11:36:00	10.92	0	0000	UNKN	RESERVE SHUTDOWN
57	Reserve Shutdown	06/23/2018	00:56:00	06/23/2018	13:08:00	12.2	0	0000	UNKN	RESERVE SHUTDOWN
58	Reserve Shutdown	06/23/2018	20:18:00	06/24/2018	09:38:00	13.33	0	0000	UNKN	RESERVE SHUTDOWN
59	Reserve Shutdown	06/24/2018	18:42:00	06/25/2018	12:15:00	17.55	0	0000	UNKN	RESERVE SHUTDOWN
60	Reserve Shutdown	06/25/2018	21:58:00	06/26/2018	09:12:00	11.23	0	0000	UNKN	RESERVE SHUTDOWN
61	Reserve Shutdown	06/28/2018	00:28:00	06/28/2018	11:08:00	10.67	0	0000	UNKN	RESERVE SHUTDOWN
62	Reserve Shutdown	06/29/2018	00:32:00	06/30/2018	08:35:00	32.05	0	0000	UNKN	RESERVE SHUTDOWN

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**Tampa Electric Company
Outage Listing
(06/01/2018 - 06/30/2018)**

Unit: BAYSIDE CT2B MDC: 158 Run Date: 7/11/2018

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	Reserve Shutdown	06/01/2018	21:40:00	06/02/2018	11:57:00	14.28	0	0000	UNKN	RESERVE SHUTDOWN
48	Reserve Shutdown	06/02/2018	22:20:00	06/03/2018	11:53:00	13.55	0	0000	UNKN	RESERVE SHUTDOWN
49	Reserve Shutdown	06/04/2018	00:25:00	06/04/2018	11:02:00	10.62	0	0000	UNKN	RESERVE SHUTDOWN
50	Reserve Shutdown	06/04/2018	20:27:00	06/05/2018	10:17:00	13.83	0	0000	UNKN	RESERVE SHUTDOWN
51	Reserve Shutdown	06/07/2018	03:58:00	06/07/2018	12:24:00	8.43	0	0000	UNKN	RESERVE SHUTDOWN
52	Reserve Shutdown	06/07/2018	21:13:00	06/08/2018	05:46:00	8.55	0	0000	UNKN	RESERVE SHUTDOWN
53	Reserve Shutdown	06/08/2018	17:55:00	06/09/2018	08:34:00	14.65	0	0000	UNKN	RESERVE SHUTDOWN
54	Reserve Shutdown	06/10/2018	23:21:00	06/11/2018	09:40:00	10.32	0	0000	UNKN	RESERVE SHUTDOWN
55	Reserve Shutdown	06/11/2018	19:16:00	06/12/2018	09:32:00	14.27	0	0000	UNKN	RESERVE SHUTDOWN
56	Reserve Shutdown	06/14/2018	22:35:00	06/15/2018	09:45:00	11.17	0	0000	UNKN	RESERVE SHUTDOWN
57	Reserve Shutdown	06/16/2018	23:02:00	06/17/2018	11:21:00	12.32	0	0000	UNKN	RESERVE SHUTDOWN
58	Reserve Shutdown	06/18/2018	00:29:00	06/18/2018	12:14:00	11.75	0	0000	UNKN	RESERVE SHUTDOWN
59	Reserve Shutdown	06/21/2018	00:08:00	06/21/2018	09:38:00	9.5	0	0000	UNKN	RESERVE SHUTDOWN
60	Reserve Shutdown	06/22/2018	21:36:00	06/23/2018	10:35:00	12.98	0	0000	UNKN	RESERVE SHUTDOWN
61	Maintenance Outage	06/26/2018	18:49:00	06/27/2018	09:54:00	15.08	0	4860	GEN	Replace 89ND Switch in GTE
62	Reserve Shutdown	06/27/2018	09:55:00	06/27/2018	10:47:00	0.87	0	0000	UNKN	RESERVE SHUTDOWN
63	Reserve Shutdown	06/28/2018	19:46:00	06/29/2018	10:13:00	14.45	0	0000	UNKN	RESERVE SHUTDOWN
64	Maintenance Outage	06/29/2018	16:01:00	06/30/2018	16:45:00	24.73	0	3899	BLPT	2B Boiler Feed Pump Motor Vibration. Repositioning c
65	Reserve Shutdown	06/30/2018	16:46:00	06/30/2018	23:59:00	7.22	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(06/01/2018 - 06/30/2018)**

Unit: BAYSIDE CT2C MDC: 158 Run Date: 7/11/2018

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	Reserve Shutdown	06/01/2018	00:00:00	06/01/2018	12:44:00	12.73	0	0000	UNKN	RESERVE SHUTDOWN
48	Reserve Shutdown	06/01/2018	20:21:00	06/02/2018	09:35:00	13.23	0	0000	UNKN	RESERVE SHUTDOWN
49	Reserve Shutdown	06/03/2018	17:56:00	06/04/2018	06:43:00	12.78	0	0000	UNKN	RESERVE SHUTDOWN
50	Reserve Shutdown	06/05/2018	21:47:00	06/07/2018	11:08:00	37.35	0	0000	UNKN	RESERVE SHUTDOWN
51	Reserve Shutdown	06/08/2018	00:32:00	06/08/2018	11:43:00	11.18	0	0000	UNKN	RESERVE SHUTDOWN
52	Reserve Shutdown	06/08/2018	21:15:00	06/09/2018	10:09:00	12.9	0	0000	UNKN	RESERVE SHUTDOWN
53	Reserve Shutdown	06/09/2018	22:16:00	06/10/2018	10:12:00	11.93	0	0000	UNKN	RESERVE SHUTDOWN
54	Reserve Shutdown	06/11/2018	01:18:00	06/11/2018	11:51:00	10.55	0	0000	UNKN	RESERVE SHUTDOWN
55	Reserve Shutdown	06/11/2018	20:48:00	06/12/2018	11:40:00	14.87	0	0000	UNKN	RESERVE SHUTDOWN
56	Reserve Shutdown	06/12/2018	18:20:00	06/13/2018	08:29:00	14.15	0	0000	UNKN	RESERVE SHUTDOWN
57	Reserve Shutdown	06/13/2018	21:04:00	06/14/2018	09:52:00	12.8	0	0000	UNKN	RESERVE SHUTDOWN
58	Reserve Shutdown	06/14/2018	19:49:00	06/15/2018	10:31:00	14.7	0	0000	UNKN	RESERVE SHUTDOWN
59	Maintenance Outage	06/15/2018	16:00:00	06/21/2018	11:53:00	139.88	0	3834	BLPT	HRSG LEAK HP SECTION
60	Reserve Shutdown	06/21/2018	11:54:00	06/22/2018	09:25:00	21.52	0	0000	UNKN	RESERVE SHUTDOWN
61	Reserve Shutdown	06/22/2018	22:48:00	06/23/2018	11:51:00	13.05	0	0000	UNKN	RESERVE SHUTDOWN
62	Reserve Shutdown	06/24/2018	17:29:00	06/25/2018	10:49:00	17.33	0	0000	UNKN	RESERVE SHUTDOWN
63	Reserve Shutdown	06/26/2018	01:07:00	06/26/2018	11:42:00	10.58	0	0000	UNKN	RESERVE SHUTDOWN
64	Reserve Shutdown	06/26/2018	23:51:00	06/27/2018	09:25:00	9.57	0	0000	UNKN	RESERVE SHUTDOWN
65	Reserve Shutdown	06/27/2018	20:00:00	06/28/2018	09:45:00	13.75	0	0000	UNKN	RESERVE SHUTDOWN
66	Reserve Shutdown	06/30/2018	01:10:00	07/01/2018	09:18:00	22.83	0	0000	UNKN	RESERVE SHUTDOWN

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**Tampa Electric Company
Outage Listing
(06/01/2018 - 06/30/2018)**

Unit: BAYSIDE CT2D MDC: 158 Run Date: 7/11/2018

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	Reserve Shutdown	06/01/2018	00:00:00	06/01/2018	09:48:00	9.8	0	0000	UNKN	RESERVE SHUTDOWN
53	Reserve Shutdown	06/03/2018	21:09:00	06/04/2018	10:30:00	13.35	0	0000	UNKN	RESERVE SHUTDOWN
54	Reserve Shutdown	06/05/2018	19:05:00	06/06/2018	03:19:00	8.23	0	0000	UNKN	RESERVE SHUTDOWN
55	Reserve Shutdown	06/07/2018	23:11:00	06/08/2018	13:07:00	13.93	0	0000	UNKN	RESERVE SHUTDOWN
56	Reserve Shutdown	06/11/2018	21:44:00	06/12/2018	10:20:00	12.6	0	0000	UNKN	RESERVE SHUTDOWN
57	Reserve Shutdown	06/12/2018	22:20:00	06/13/2018	10:41:00	12.35	0	0000	UNKN	RESERVE SHUTDOWN
58	Reserve Shutdown	06/13/2018	21:58:00	06/14/2018	10:52:00	12.9	0	0000	UNKN	RESERVE SHUTDOWN
59	Reserve Shutdown	06/16/2018	01:28:00	06/16/2018	11:34:00	10.1	0	0000	UNKN	RESERVE SHUTDOWN
60	Reserve Shutdown	06/17/2018	20:24:00	06/18/2018	09:09:00	12.75	0	0000	UNKN	RESERVE SHUTDOWN
61	Reserve Shutdown	06/19/2018	00:02:00	06/19/2018	09:02:00	9	0	0000	UNKN	RESERVE SHUTDOWN
62	Reserve Shutdown	06/19/2018	23:59:00	06/20/2018	10:28:00	10.48	0	0000	UNKN	RESERVE SHUTDOWN
63	Reserve Shutdown	06/22/2018	01:32:00	06/22/2018	12:57:00	11.42	0	0000	UNKN	RESERVE SHUTDOWN
64	Maintenance Outage	06/23/2018	19:32:00	06/27/2018	15:53:00	92.35	0	3834	BLPT	2D HRSG Tube Leak Repairs
65	Reserve Shutdown	06/28/2018	14:50:00	06/29/2018	08:54:00	18.07	0	0000	UNKN	RESERVE SHUTDOWN
66	Reserve Shutdown	06/30/2018	23:31:00	06/30/2018	23:59:00	0.47	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		