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August 25, 2017

ELECTRONIC FILING

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

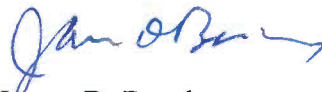
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor; FPSC Docket No. 20170001-EI

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 July 2017.

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 August, 2017 to the following:

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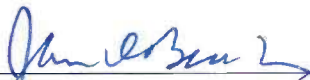
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ATTORNEY

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	2017
1. EAF (%)	99.1	99.5	51.5	0.0	53.4	65.4	72.8						62.9
2. PH	744	672	743	720	744	720	744						5087
3. SH	739.1	672.0	383.1	0.0	397.8	313.2	542.0						3047.3
4. RSH	0.0	0.0	0.0	0.0	0.0	164.8	0.0						164.8
5. UH	4.9	0.0	359.9	720.0	346.2	242.0	202.0						1874.9
6. POH	0.0	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	202.0						1716.7
8. MOH	0.0	0.0	0.0	0.0	0.0	158.2	0.0						158.2
9. PFOH	12.2	12.4	0.0	0.0	1.6	14.0	0.0						40.2
10. LR PF (MW)	47.0	67.5	0.0	0.0	197.2	197.2	0.0						111.6
11. PMOH	5.4	2.1	0.9	0.0	0.3	0.0	0.5						9.1
12. LR PM (MW)	47.0	228.5	218.4	0.0	75.1	0.0	272.3						118.7
13. NSC (MW)	395	395	395	385	385	385	385						389
14. OPR BTU(GBTU)	2174.4504	1909.7752	1030.0702	0.0000	1246.9803	807.2281	759.5130						7928.0173
15. NET GEN (MWH)	202470	167343	95573	0	115639	71182	68839						721046
16. ANOHR (BTU/KWH)	10740	11412	10778	0	10783	11340	11033						10995
17. NOF (%)	69.4	63.0	63.2	0.0	75.5	59.0	33.0						60.8
18. NPC (MW)	395	395	395	385	385	385	385						389
19. ANOHR EQUATION	ANOHR = NOF (-15.843) + 12,087												

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 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	0.0						55.0
2. PH	744	672	743	720	744	720	744						5087
3. SH	583.1	583.0	23.3	415.3	269.5	688.4	0.0						2562.6
4. RSH	24.5	0.0	389.7	0.0	0.0	0.0	0.0						414.2
5. UH	136.4	89.0	330.0	304.7	474.5	31.6	744.0						2110.2
6. POH	0.0	0.0	0.0	256.7	78.0	0.0	0.0						334.7
7. FOH	73.4	89.0	330.0	48.0	396.5	31.6	744.0						1712.5
8. MOH	63.0	0.0	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	0.0						1366.5
10. LR PF (MW)	66.3	44.4	0.0	24.6	144.1	56.3	0.0						49.7
11. PMOH	0.3	5.7	0.0	1.9	0.0	1.1	0.0						9.0
12. LR PM (MW)	206.9	200.5	0.0	189.7	0.0	203.7	0.0						198.9
13. NSC (MW)	395	395	395	385	385	385	385						389
14. OPR BTU(GBTU)	1868.6660	1687.6119	39.4345	1309.0914	856.2088	2329.4673	0.0000						8090.4798
15. NET GEN (MWH)	170150	152752	3410	125802	75289	216749	0						744152
16. ANOHR (BTU/KWH)	10982	11048	11564	10406	11372	10747	0						10872
17. NOF (%)	73.9	66.3	37.0	78.7	72.6	81.8	0.0						74.6
18. NPC (MW)	395	395	395	385	385	385	385						389
19. ANOHR EQUATION	ANOHR = NOF (-5.963) + 11,063												

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 3	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 (%)	74.7	79.6	49.6	39.5	82.0	52.9	88.1						66.7
2. PH	744	672	743	720	744	720	744						5087
3. SH	496.5	218.0	230.3	386.5	744.0	416.6	744.0						3235.9
4. RSH	85.4	333.0	160.0	0.0	0.0	0.0	0.0						578.4
5. UH	162.1	121.0	352.7	333.5	0.0	303.4	0.0						1272.7
6. POH	0.0	121.0	188.5	0.0	0.0	0.0	0.0						309.5
7. FOH	162.1	0.0	164.2	333.5	0.0	303.4	0.0						963.2
8. MOH	0.0	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	744.0						2569.5
10. LR PF (MW)	38.7	29.4	82.9	145.4	88.3	34.5	46.9						64.5
11. PMOH	8.3	0.0	0.7	0.0	0.0	2.4	0.0						11.3
12. LR PM (MW)	211.8	0.0	155.3	0.0	0.0	107.0	0.0						186.5
13. NSC (MW)	400	400	400	395	395	395	395						397
14. OPR BTU(GBTU)	1586.7295	558.3993	654.5651	975.4322	1646.6407	1419.4383	2778.0870						9619.2923
15. NET GEN (MWH)	151724	50703	53355	87729	147110	131629	252389						874639
16. ANOHR BTU/KWH	10458	11013	12268	11119	11193	10784	11007						10998
17. NOF (%)	76.4	58.1	57.9	57.5	50.1	80.0	85.9						68.1
18. NPC (MW)	400	400	400	395	395	395	395						397
19. ANOHR EQUATION	ANOHR = NOF (-6.885) + 11,168												

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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
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	78.8						79.5
2. PH	744	672	743	720	744	720	744						5087
3. SH	443.6	582.3	603.5	617.2	744.0	715.1	735.8						4441.5
4. RSH	92.4	19.9	30.9	0.0	0.0	0.0	0.0						143.2
5. UH	207.9	69.8	108.6	102.8	0.0	4.9	8.2						502.3
6. POH	0.0	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	8.2						393.7
8. MOH	0.0	0.0	108.6	0.0	0.0	0.0	0.0						108.6
9. PFOH	409.3	121.9	601.6	374.5	449.6	683.9	704.0						3344.8
10. LR PF (MW)	99.1	100.7	35.5	46.8	48.5	68.8	81.3						65.1
11. PMOH	23.7	7.9	1.9	20.8	0.0	5.2	31.7						91.1
12. LR PM (MW)	190.8	227.0	234.2	205.9	0.0	182.7	257.3						220.9
13. NSC (MW)	442	442	442	437	437	437	437						439
14. OPR BTU(GBTU)	1421.8362	1988.2765	1901.4028	2252.1482	2941.4736	2553.8942	2683.3556						15742.3871
15. NET GEN (MWH)	135022	190073	179206	214373	275387	232573	243038						1469672
16. ANOHR BTU/KWH	10530	10461	10610	10506	10681	10981	11041						10711
17. NOF (%)	68.9	73.8	67.2	79.5	84.7	74.4	75.6						75.4
18. NPC (MW)	442	442	442	437	437	437	437						439
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	85.2						92.8
2. PH	744	672	743	720	744	720	744						5087
3. SH	744.0	667.1	708.0	720.0	527.3	718.4	633.6						4718.3
4. RSH	0.0	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	110.4						368.7
6. POH	0.0	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	1.0						159.0
8. MOH	0.0	0.0	0.0	0.0	100.3	0.0	109.4						209.7
9. PFOH	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
11. PMOH	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
13. NSC (MW)	220	220	220	220	220	220	220						220
14. OPR BTU(GBTU)	1565.3848	1450.1380	1538.4069	1710.0220	1277.8395	1474.5747	1416.4060						10432.7719
15. NET GEN (MWH)	155821	143609	165125	176605	119597	147389	135270						1043416
16. ANOHR BTU/KWH	10046	10098	9317	9683	10685	10005	10471						9999
17. NOF (%)	95.2	97.9	106.0	111.5	103.1	93.3	97.0						100.5
18. NPC (MW)	220	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	97.5						75.9
2. PH	744	672	743	720	744	720	744						5087
3. SH	744.0	462.9	0.0	507.9	744.0	718.3	744.0						3921.2
4. RSH	0.0	204.8	0.0	16.3	0.0	0.0	0.0						221.1
5. UH	0.0	4.3	743.0	195.8	0.0	1.7	0.0						944.8
6. POH	0.0	1.3	743.0	167.3	0.0	0.0	0.0						911.6
7. FOH	0.0	0.0	0.0	24.7	0.0	1.7	0.0						26.3
8. MOH	0.0	3.0	0.0	3.8	0.0	0.0	0.0						6.9
9. PFOH	37.2	4.1	0.0	40.8	0.0	9.2	2.5						93.7
10. LR PF (MW)	264.0	264.0	0.0	224.6	0.0	198.1	233.7						239.6
11. PMOH	7.8	369.1	743.0	782.6	14.9	41.3	53.9						2012.6
12. LR PM (MW)	264.0	264.0	0.0	79.5	233.7	233.7	233.7						93.1
13. NSC (MW)	792	792	792	701	701	701	701						740
14. OPR BTU(GBTU)	1578.1580	970.4530	0.0000	1237.6590	2189.2750	1814.4720	2217.4660						10007.4830
15. NET GEN (MWH)	197576	119609	-274	161007	288649	239671	290853						1297091
16. ANOHR (BTU/KWH)	7988	8114	0	7687	7585	7571	7624						7715
17. NOF (%)	33.5	32.6	0.0	45.2	55.3	47.6	55.8						44.7
18. NPC (MW)	792	792	792	701	701	701	701						740
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	90.9						82.6
2. PH	744	672	743	720	744	720	744						5087
3. SH	527.1	298.7	738.1	720.0	657.9	720.0	744.0						4405.9
4. RSH	0.0	42.3	0.0	0.0	0.0	0.0	0.0						42.3
5. UH	216.9	331.0	4.9	0.0	86.1	0.0	0.0						638.9
6. POH	216.9	312.3	0.0	0.0	0.0	0.0	0.0						529.2
7. FOH	0.0	18.7	4.9	0.0	62.2	0.0	0.0						85.8
8. MOH	0.0	0.0	0.0	0.0	23.9	0.0	0.0						23.9
9. PFOH	14.7	9.4	0.0	71.4	0.0	163.7	147.2						406.4
10. LR PF (MW)	261.8	261.8	0.0	232.3	0.0	232.3	232.3						234.0
11. PMOH	150.4	91.2	53.6	14.7	19.2	146.3	124.2						599.6
12. LR PM (MW)	261.8	261.8	261.8	232.3	232.3	232.3	232.3						246.8
13. NSC (MW)	1047	1047	1047	929	929	929	929						980
14. OPR BTU(GBTU)	1250.4170	1166.1780	2519.0980	2460.5630	2220.7560	1970.1780	2564.2890						14151.4790
15. NET GEN (MWH)	157433	146101	318307	313417	278762	253553	320829						1788402
16. ANOHR (BTU/KWH)	7943	7982	7914	7851	7966	7770	7993						7913
17. NOF (%)	28.5	46.7	41.2	46.9	45.6	37.9	46.4						41.4
18. NPC (MW)	1047	1047	1047	929	929	929	929						980
19. ANOHR EQUATION	ANOHR = NOF (-7.777) + 7,937												

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**Tampa Electric Company
Outage Listing
(07/01/2017 - 07/31/2017)**

Unit:		BIG BEND 1		MDC:		410		Run Date:		8/8/2017	
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	
35	Full Forced Delayed	06/27/2017	14:21:00	07/09/2017	09:58:00	201.97	0	1000	BLR	Boiler tube leak	
37	Partial Maintenance	07/27/2017	01:00:00	07/27/2017	01:30:00	0.5	120	4268	TURB	Main Turbine valve testing	

**Tampa Electric Company
Outage Listing
(07/01/2017 - 07/31/2017)**

Unit:		BIG BEND 2		MDC:		410		Run Date:		8/8/2017	
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	
85	Full Forced Immed	06/29/2017	16:21:00	08/01/2017	00:00:00	744	0	0910	BLR	Operator tripped unit due to slag tank tap issues.	

**Tampa Electric Company
Outage Listing
(07/01/2017 - 07/31/2017)**

Unit: BIG BEND 3 MDC: 420 Run Date: 8/8/2017

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
58	Partial Forced Immed	06/25/2017	03:59:00	07/01/2017	21:40:00	21.67	380	1455	BLR	B ID Fan vibration limits.
59	Partial Forced Immed	07/01/2017	21:40:00	07/02/2017	12:55:00	15.25	270	1470	BLR	A ID fan transformer cooling water leak
60	Partial Forced Immed	07/02/2017	12:55:00	07/08/2017	08:00:00	139.08	380	1455	BLR	B ID Fan vibration limits.
61	Partial Forced Immed	07/08/2017	08:00:00	07/10/2017	06:50:00	46.83	375	1455	BLR	B ID Fan vibration limits.
62	Partial Forced Immed	07/10/2017	06:50:00	07/11/2017	00:00:00	17.17	380	1455	BLR	B ID Fan vibration limits.
63	Partial Forced Immed	07/11/2017	00:00:00	07/13/2017	06:00:00	54	375	1455	BLR	B ID Fan vibration limits.
64	Partial Forced Immed	07/13/2017	06:00:00	07/15/2017	18:10:00	60.17	380	1455	BLR	B ID Fan vibration limits.
65	Partial Forced Immed	07/15/2017	18:10:00	07/29/2017	05:23:00	323.22	370	1455	BLR	B ID Fan vibration limits.
66	Partial Forced Immed	07/29/2017	05:23:00	07/29/2017	12:20:00	6.95	200	3270	BLPT	B Debris filter gearbox failure
67	Partial Forced Immed	07/29/2017	12:20:00	07/31/2017	18:05:00	53.75	370	1455	BLR	B ID Fan vibration limits.
68	Partial Forced Immed	07/31/2017	18:05:00	08/02/2017	11:00:00	5.92	350	9270	EXTL	Wet coal

**Tampa Electric Company
Outage Listing
(07/01/2017 - 07/31/2017)**

Unit: BIG BEND 4 MDC: 470 Run Date: 8/8/2017

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
136	Partial Forced Immed	06/30/2017	17:00:00	07/01/2017	00:45:00	0.75	380	1170	BLR	High APH outlet temperature indications.Suspect backp
137	Planned Derating	07/01/2017	00:45:00	07/01/2017	19:15:00	18.5	180	3113	COND	A & C Condenser cleaning
138	Partial Forced Immed	07/01/2017	19:15:00	07/04/2017	00:15:00	53	380	1170	BLR	High APH outlet temperature indications.Suspect backp
139	Planned Derating	07/04/2017	00:15:00	07/04/2017	10:57:00	10.7	200	3113	COND	B & D Condenser cleaning
140	Partial Forced Immed	07/04/2017	10:57:00	07/05/2017	18:00:00	31.05	380	1170	BLR	High APH outlet temperature indications.Suspect backp
141	Partial Forced Immed	07/05/2017	18:00:00	07/06/2017	08:00:00	14	385	1170	BLR	High APH outlet temperature indications.Suspect backp
142	Partial Forced Immed	07/06/2017	08:00:00	07/07/2017	00:01:00	16.02	400	1170	BLR	High APH outlet temperature indications.Suspect backp
143	Partial Forced Immed	07/07/2017	00:01:00	07/07/2017	09:25:00	9.4	395	1170	BLR	High APH outlet temperature indications.Suspect backp
144	Partial Forced Immed	07/07/2017	09:25:00	07/11/2017	08:30:00	95.08	390	1170	BLR	High APH outlet temperature indications.Suspect backp
145	Partial Forced Immed	07/11/2017	08:30:00	07/12/2017	01:00:00	16.5	400	1170	BLR	High APH outlet temperature indications.Suspect backp
146	Partial Forced Immed	07/12/2017	01:00:00	07/13/2017	17:00:00	40	395	1170	BLR	High APH outlet temperature indications.Suspect backp
147	Partial Forced Immed	07/13/2017	17:00:00	07/16/2017	00:10:00	55.17	390	1170	BLR	High APH outlet temperature indications.Suspect backp
148	Partial Maintenance	07/16/2017	00:10:00	07/16/2017	01:57:00	1.78	280	4268	TURB	Main Turbine valve testing
149	Partial Forced Immed	07/16/2017	01:57:00	07/16/2017	04:00:00	2.05	390	1170	BLR	High APH outlet temperature indications.Suspect backp
150	Partial Forced Immed	07/16/2017	04:00:00	07/16/2017	17:30:00	13.5	260	0380	BLR	Loss of ignitor fan.Awaiting engineering support.
151	Partial Forced Immed	07/16/2017	17:30:00	07/17/2017	06:25:00	12.92	375	0380	BLR	Ignitor fan unavailable. 3 mill operations.
152	Partial Forced Immed	07/17/2017	06:25:00	07/18/2017	05:00:00	22.58	390	1170	BLR	High APH outlet temperature indications.Suspect backp
153	Partial Forced Immed	07/18/2017	05:00:00	07/19/2017	06:25:00	25.42	390	8825	NOx	SCR inlet temperature limit (800 deg) Suspected backp:
154	Partial Forced Immed	07/19/2017	06:25:00	07/20/2017	07:30:00	25.08	385	8825	NOx	SCR inlet temperature limit (800 deg) Suspected backp:
155	Partial Forced Immed	07/20/2017	07:30:00	07/24/2017	11:51:00	100.35	380	8825	NOx	SCR inlet temperature limit (800 deg) Suspected backp:
156	Full Forced Immed	07/24/2017	11:51:00	07/24/2017	20:05:00	8.23	0	9910	PERS	Unit tripped while electricians were replacing D mill meg
157	Partial Forced Immed	07/24/2017	20:05:00	07/31/2017	01:25:00	149.33	380	8825	NOx	SCR inlet temperature limit (800 deg) Suspected backp:
158	Partial Maintenance	07/31/2017	01:25:00	07/31/2017	02:10:00	0.75	220	4268	TURB	Main Turbine valve testing
159	Partial Forced Immed	07/31/2017	02:10:00	07/31/2017	17:30:00	15.33	380	8825	NOx	SCR inlet temperature limit (800 deg) Suspected backp:
160	Partial Forced Immed	07/31/2017	17:30:00	07/31/2017	20:55:00	3.42	360	8825	NOx	SCR inlet temperature limit (800 deg). Sootblowing syst
161	Partial Forced Immed	07/31/2017	20:55:00	08/01/2017	21:33:00	3.08	380	8825	NOx	SCR inlet temperature limit (800 deg) Suspected backp:

**Tampa Electric Company
Outage Listing
(07/01/2017 - 07/31/2017)**

Unit:		POLK 1		MDC:		290		Run Date:		8/8/2017	
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	744	0	5079	GAST	Flame instability between 100 - 145MW's on gas	
25	Full Forced Immed	07/08/2017	00:17:00	07/08/2017	01:17:00	1	0	5048	GAST	Tripped during transfer. High Exhaust temperature trip	
26	Maintenance Outage	07/08/2017	01:17:00	07/12/2017	14:42:00	109.42	0	5079	GAST	Replacement of Cracked Cross Fire Tubes	
27	Partial Forced Immed	07/08/2017	00:17:00	07/10/2017	18:00:00	1	200	5079	GAST	Replacement of Cracked Cross Fire Tubes, CSCs Cle:	
27	Partial Forced Immed	07/08/2017	00:17:00	07/10/2017	18:00:00	64.72	200	5079	GAST	Replacement of Cracked Cross Fire Tubes, CSCs Cle:	
28	Partial Forced Immed	07/10/2017	18:00:00	07/18/2017	13:42:00	44.7	200	6399	GASF	2B, Missing sections of RSC Sump Upper Cone	
28	Partial Forced Immed	07/10/2017	18:00:00	07/18/2017	13:42:00	143	200	6399	GASF	2B, Missing sections of RSC Sump Upper Cone	

**Tampa Electric Company
Outage Listing
(07/01/2017 - 07/31/2017)**

Unit:	BAYSIDE ST1	MDC:	236							Run Date:	8/8/2017
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
(07/01/2017 - 07/31/2017)**

Unit: BAYSIDE CT1A MDC: 158 Run Date: 8/8/2017

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
101	Reserve Shutdown	07/01/2017	22:08:00	07/02/2017	09:06:00	10.97	0	0000	UNKN RESERVE SHUTDOWN	
102	Reserve Shutdown	07/03/2017	23:20:00	07/04/2017	09:15:00	9.92	0	0000	UNKN RESERVE SHUTDOWN	
103	Reserve Shutdown	07/04/2017	23:40:00	07/05/2017	09:06:00	9.43	0	0000	UNKN RESERVE SHUTDOWN	
104	Reserve Shutdown	07/05/2017	22:26:00	07/06/2017	10:14:00	11.8	0	0000	UNKN RESERVE SHUTDOWN	
105	Reserve Shutdown	07/06/2017	23:57:00	07/07/2017	09:08:00	9.18	0	0000	UNKN RESERVE SHUTDOWN	
106	Reserve Shutdown	07/07/2017	21:54:00	07/08/2017	09:08:00	11.23	0	0000	UNKN RESERVE SHUTDOWN	
107	Reserve Shutdown	07/09/2017	19:25:00	07/10/2017	08:50:00	13.42	0	0000	UNKN RESERVE SHUTDOWN	
108	Reserve Shutdown	07/10/2017	19:34:00	07/11/2017	09:28:00	13.9	0	0000	UNKN RESERVE SHUTDOWN	
109	Reserve Shutdown	07/11/2017	20:19:00	07/12/2017	10:59:00	14.67	0	0000	UNKN RESERVE SHUTDOWN	
110	Reserve Shutdown	07/12/2017	23:45:00	07/13/2017	09:04:00	9.32	0	0000	UNKN RESERVE SHUTDOWN	
111	Reserve Shutdown	07/17/2017	21:32:00	07/18/2017	08:42:00	11.17	0	0000	UNKN RESERVE SHUTDOWN	
112	Reserve Shutdown	07/18/2017	22:02:00	07/19/2017	09:52:00	11.83	0	0000	UNKN RESERVE SHUTDOWN	
113	Reserve Shutdown	07/19/2017	20:29:00	07/20/2017	08:55:00	12.43	0	0000	UNKN RESERVE SHUTDOWN	
114	Reserve Shutdown	07/20/2017	23:27:00	07/21/2017	07:45:00	8.3	0	0000	UNKN RESERVE SHUTDOWN	
116	Reserve Shutdown	07/21/2017	16:28:00	07/21/2017	17:56:00	1.47	0	0000	UNKN RESERVE SHUTDOWN	
117	Maintenance Outage	07/21/2017	17:57:00	07/23/2017	06:43:00	36.77	0	5272	GAST 1A CT enhanced borescope inspection (EBI)	
118	Reserve Shutdown	07/23/2017	06:44:00	07/23/2017	09:05:00	2.35	0	0000	UNKN RESERVE SHUTDOWN	
119	Reserve Shutdown	07/23/2017	23:22:00	07/24/2017	09:42:00	10.33	0	0000	UNKN RESERVE SHUTDOWN	
120	Reserve Shutdown	07/24/2017	22:42:00	07/25/2017	08:53:00	10.18	0	0000	UNKN RESERVE SHUTDOWN	
121	Reserve Shutdown	07/27/2017	01:29:00	07/27/2017	10:44:00	9.25	0	0000	UNKN RESERVE SHUTDOWN	
122	Reserve Shutdown	07/31/2017	22:14:00	08/01/2017	06:43:00	1.77	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company
Outage Listing
(07/01/2017 - 07/31/2017)**

Unit: BAYSIDE CT1B MDC: 158 Run Date: 8/8/2017

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
76	Reserve Shutdown	07/01/2017	00:01:00	07/01/2017	09:03:00	9.03	0	0000	UNKN	RESERVE SHUTDOWN
77	Reserve Shutdown	07/02/2017	00:34:00	07/02/2017	10:24:00	9.83	0	0000	UNKN	RESERVE SHUTDOWN
78	Reserve Shutdown	07/02/2017	23:56:00	07/03/2017	08:47:00	8.85	0	0000	UNKN	RESERVE SHUTDOWN
79	Reserve Shutdown	07/04/2017	21:10:00	07/05/2017	05:57:00	8.78	0	0000	UNKN	RESERVE SHUTDOWN
80	Reserve Shutdown	07/05/2017	21:37:00	07/06/2017	08:35:00	10.97	0	0000	UNKN	RESERVE SHUTDOWN
81	Reserve Shutdown	07/07/2017	00:37:00	07/07/2017	10:49:00	10.2	0	0000	UNKN	RESERVE SHUTDOWN
82	Reserve Shutdown	07/07/2017	22:29:00	07/08/2017	07:56:00	9.45	0	0000	UNKN	RESERVE SHUTDOWN
83	Reserve Shutdown	07/09/2017	02:24:00	07/09/2017	09:51:00	7.45	0	0000	UNKN	RESERVE SHUTDOWN
84	Reserve Shutdown	07/11/2017	00:35:00	07/11/2017	10:51:00	10.27	0	0000	UNKN	RESERVE SHUTDOWN
85	Reserve Shutdown	07/11/2017	22:58:00	07/12/2017	11:52:00	12.9	0	0000	UNKN	RESERVE SHUTDOWN
86	Reserve Shutdown	07/13/2017	00:16:00	07/13/2017	10:32:00	10.27	0	0000	UNKN	RESERVE SHUTDOWN
87	Reserve Shutdown	07/13/2017	23:57:00	07/14/2017	10:40:00	10.72	0	0000	UNKN	RESERVE SHUTDOWN
88	Reserve Shutdown	07/14/2017	16:27:00	07/15/2017	08:40:00	16.22	0	0000	UNKN	RESERVE SHUTDOWN
89	Reserve Shutdown	07/16/2017	02:06:00	07/16/2017	10:06:00	8	0	0000	UNKN	RESERVE SHUTDOWN
90	Reserve Shutdown	07/16/2017	23:13:00	07/17/2017	10:38:00	11.42	0	0000	UNKN	RESERVE SHUTDOWN
91	Reserve Shutdown	07/18/2017	00:45:00	07/18/2017	10:29:00	9.73	0	0000	UNKN	RESERVE SHUTDOWN
92	Reserve Shutdown	07/19/2017	00:09:00	07/19/2017	14:35:00	14.43	0	0000	UNKN	RESERVE SHUTDOWN
93	Reserve Shutdown	07/19/2017	21:34:00	07/20/2017	15:51:00	18.28	0	0000	UNKN	RESERVE SHUTDOWN
94	Reserve Shutdown	07/20/2017	18:04:00	07/20/2017	23:36:00	5.53	0	0000	UNKN	RESERVE SHUTDOWN
95	Maintenance Outage	07/20/2017	23:37:00	07/21/2017	07:18:00	7.68	0	3832	BLPT	1B HRSG valve repair (1B-SDS-V291).
96	Reserve Shutdown	07/21/2017	07:19:00	07/21/2017	09:40:00	2.35	0	0000	UNKN	RESERVE SHUTDOWN
97	Reserve Shutdown	07/21/2017	22:43:00	07/22/2017	09:01:00	10.3	0	0000	UNKN	RESERVE SHUTDOWN
98	Reserve Shutdown	07/22/2017	23:26:00	07/24/2017	11:07:00	35.68	0	0000	UNKN	RESERVE SHUTDOWN
99	Reserve Shutdown	07/25/2017	21:51:00	07/26/2017	09:18:00	11.45	0	0000	UNKN	RESERVE SHUTDOWN
100	Reserve Shutdown	07/28/2017	02:24:00	07/28/2017	10:32:00	8.13	0	0000	UNKN	RESERVE SHUTDOWN
101	Reserve Shutdown	07/28/2017	21:22:00	07/29/2017	07:25:00	10.05	0	0000	UNKN	RESERVE SHUTDOWN
102	Reserve Shutdown	07/30/2017	00:31:00	07/30/2017	10:23:00	9.87	0	0000	UNKN	RESERVE SHUTDOWN
103	Reserve Shutdown	07/30/2017	23:41:00	07/31/2017	11:13:00	11.53	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(07/01/2017 - 07/31/2017)**

Unit: BAYSIDE CT1C MDC: 158 Run Date: 8/8/2017

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
52	Reserve Shutdown	07/01/2017	00:01:00	07/01/2017	10:32:00	10.52	0	0000	UNKN	RESERVE SHUTDOWN
53	Full Forced Immed	07/04/2017	07:52:00	07/04/2017	10:21:00	2.48	0	5048	GAST	1C CT tripped from a hi hi mech separator level on the
54	Reserve Shutdown	07/09/2017	00:57:00	07/09/2017	11:29:00	10.53	0	0000	UNKN	RESERVE SHUTDOWN
55	Reserve Shutdown	07/10/2017	00:16:00	07/10/2017	10:37:00	10.35	0	0000	UNKN	RESERVE SHUTDOWN
56	Reserve Shutdown	07/13/2017	22:00:00	07/14/2017	08:42:00	10.7	0	0000	UNKN	RESERVE SHUTDOWN
57	Reserve Shutdown	07/14/2017	18:35:00	07/15/2017	10:22:00	15.78	0	0000	UNKN	RESERVE SHUTDOWN
58	Reserve Shutdown	07/16/2017	00:38:00	07/16/2017	09:16:00	8.63	0	0000	UNKN	RESERVE SHUTDOWN
59	Reserve Shutdown	07/16/2017	21:10:00	07/17/2017	08:27:00	11.28	0	0000	UNKN	RESERVE SHUTDOWN
60	Reserve Shutdown	07/24/2017	23:35:00	07/25/2017	10:42:00	11.12	0	0000	UNKN	RESERVE SHUTDOWN
61	Reserve Shutdown	07/26/2017	02:14:00	07/26/2017	10:39:00	8.42	0	0000	UNKN	RESERVE SHUTDOWN
62	Reserve Shutdown	07/26/2017	23:27:00	07/27/2017	09:58:00	10.52	0	0000	UNKN	RESERVE SHUTDOWN
63	Reserve Shutdown	07/28/2017	00:54:00	07/28/2017	09:54:00	9	0	0000	UNKN	RESERVE SHUTDOWN
64	Reserve Shutdown	07/28/2017	22:35:00	07/29/2017	01:14:00	2.65	0	0000	UNKN	RESERVE SHUTDOWN
65	Maintenance Outage	07/29/2017	01:15:00	07/29/2017	10:43:00	9.47	0	3831	BLPT	1C HRSG steam drain pot probe replacement.
66	Reserve Shutdown	07/29/2017	10:44:00	07/29/2017	11:13:00	0.48	0	0000	UNKN	RESERVE SHUTDOWN
67	Reserve Shutdown	07/29/2017	23:03:00	07/30/2017	07:44:00	8.68	0	0000	UNKN	RESERVE SHUTDOWN
68	Reserve Shutdown	07/30/2017	22:05:00	07/31/2017	18:43:00	20.63	0	0000	UNKN	RESERVE SHUTDOWN
69	Reserve Shutdown	07/31/2017	23:17:00	08/01/2017	08:52:00	0.72	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(07/01/2017 - 07/31/2017)**

Unit:	BAYSIDE ST2	MDC:	308							Run Date:	8/8/2017
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
(07/01/2017 - 07/31/2017)**

Unit: BAYSIDE CT2A MDC: 158 Run Date: 8/8/2017

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
114	Full Forced Immed	07/01/2017	00:01:00	07/06/2017	13:46:00	133.75	0	4619	GEN	2A CT generator hydrogen leak repairs.
115	Reserve Shutdown	07/06/2017	13:47:00	07/06/2017	14:16:00	0.48	0	0000	UNKN	RESERVE SHUTDOWN
116	Reserve Shutdown	07/06/2017	21:31:00	07/07/2017	08:25:00	10.9	0	0000	UNKN	RESERVE SHUTDOWN
117	Reserve Shutdown	07/11/2017	21:59:00	07/12/2017	08:49:00	10.83	0	0000	UNKN	RESERVE SHUTDOWN
118	Reserve Shutdown	07/12/2017	20:42:00	07/13/2017	09:46:00	13.07	0	0000	UNKN	RESERVE SHUTDOWN
119	Reserve Shutdown	07/14/2017	01:03:00	07/14/2017	12:44:00	11.68	0	0000	UNKN	RESERVE SHUTDOWN
120	Reserve Shutdown	07/15/2017	23:17:00	07/16/2017	11:16:00	11.98	0	0000	UNKN	RESERVE SHUTDOWN
121	Reserve Shutdown	07/17/2017	17:49:00	07/18/2017	09:46:00	15.95	0	0000	UNKN	RESERVE SHUTDOWN
122	Reserve Shutdown	07/18/2017	22:47:00	07/19/2017	11:29:00	12.7	0	0000	UNKN	RESERVE SHUTDOWN
123	Reserve Shutdown	07/20/2017	00:58:00	07/20/2017	11:44:00	10.77	0	0000	UNKN	RESERVE SHUTDOWN
124	Reserve Shutdown	07/20/2017	22:22:00	07/21/2017	08:57:00	10.58	0	0000	UNKN	RESERVE SHUTDOWN
125	Reserve Shutdown	07/21/2017	19:17:00	07/22/2017	10:29:00	15.2	0	0000	UNKN	RESERVE SHUTDOWN
126	Reserve Shutdown	07/22/2017	18:15:00	07/23/2017	08:28:00	14.22	0	0000	UNKN	RESERVE SHUTDOWN
127	Reserve Shutdown	07/23/2017	21:30:00	07/24/2017	12:39:00	15.15	0	0000	UNKN	RESERVE SHUTDOWN
128	Reserve Shutdown	07/24/2017	21:41:00	07/25/2017	06:03:00	8.37	0	0000	UNKN	RESERVE SHUTDOWN
129	Reserve Shutdown	07/27/2017	00:26:00	07/27/2017	08:05:00	7.65	0	0000	UNKN	RESERVE SHUTDOWN
130	Reserve Shutdown	07/27/2017	23:55:00	07/28/2017	08:09:00	8.23	0	0000	UNKN	RESERVE SHUTDOWN
131	Reserve Shutdown	07/29/2017	21:44:00	07/29/2017	22:31:00	0.78	0	0000	UNKN	RESERVE SHUTDOWN
132	Maintenance Outage	07/29/2017	22:32:00	07/31/2017	08:37:00	34.08	0	5272	GAST	2A CT enhanced borescope inspection (EBI).
133	Reserve Shutdown	07/31/2017	08:38:00	08/01/2017	11:22:00	15.37	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(07/01/2017 - 07/31/2017)**

Unit: BAYSIDE CT2B MDC: 158 Run Date: 8/8/2017

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
93	Reserve Shutdown	07/01/2017	00:01:00	07/01/2017	08:33:00	8.53	0	0000	UNKN RESERVE SHUTDOWN	
94	Reserve Shutdown	07/08/2017	02:11:00	07/08/2017	09:54:00	7.72	0	0000	UNKN RESERVE SHUTDOWN	
95	Reserve Shutdown	07/08/2017	22:35:00	07/10/2017	10:09:00	35.57	0	0000	UNKN RESERVE SHUTDOWN	
96	Reserve Shutdown	07/10/2017	18:09:00	07/11/2017	06:53:00	12.73	0	0000	UNKN RESERVE SHUTDOWN	
97	Reserve Shutdown	07/11/2017	17:45:00	07/12/2017	07:12:00	13.45	0	0000	UNKN RESERVE SHUTDOWN	
98	Reserve Shutdown	07/12/2017	18:17:00	07/13/2017	06:36:00	12.32	0	0000	UNKN RESERVE SHUTDOWN	
99	Reserve Shutdown	07/13/2017	18:44:00	07/14/2017	07:17:00	12.55	0	0000	UNKN RESERVE SHUTDOWN	
100	Reserve Shutdown	07/14/2017	17:12:00	07/15/2017	09:30:00	16.3	0	0000	UNKN RESERVE SHUTDOWN	
101	Reserve Shutdown	07/15/2017	17:57:00	07/16/2017	08:07:00	14.17	0	0000	UNKN RESERVE SHUTDOWN	
102	Reserve Shutdown	07/16/2017	18:54:00	07/17/2017	07:05:00	12.18	0	0000	UNKN RESERVE SHUTDOWN	
103	Reserve Shutdown	07/17/2017	16:17:00	07/18/2017	05:59:00	13.7	0	0000	UNKN RESERVE SHUTDOWN	
104	Reserve Shutdown	07/20/2017	22:02:00	07/21/2017	11:35:00	13.55	0	0000	UNKN RESERVE SHUTDOWN	
105	Reserve Shutdown	07/25/2017	20:29:00	07/26/2017	05:41:00	9.2	0	0000	UNKN RESERVE SHUTDOWN	
106	Reserve Shutdown	07/28/2017	23:24:00	07/28/2017	23:53:00	0.48	0	0000	UNKN RESERVE SHUTDOWN	
107	Maintenance Outage	07/28/2017	23:54:00	07/29/2017	22:30:00	22.6	0	5272	GAST 2B CT enhanced borescope inspection (EBI).	
108	Reserve Shutdown	07/29/2017	22:32:00	07/30/2017	09:49:00	11.28	0	0000	UNKN RESERVE SHUTDOWN	
109	Full Forced Immed	07/30/2017	09:50:00	07/30/2017	23:18:00	13.47	0	4720	GEN 2B CT bad terminal block in the CCVT line voltage sigr	
110	Reserve Shutdown	07/30/2017	23:19:00	08/01/2017	09:02:00	24.68	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company
Outage Listing
(07/01/2017 - 07/31/2017)**

Unit: BAYSIDE CT2C MDC: 158 Run Date: 8/8/2017

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	07/01/2017	23:24:00	07/02/2017	09:47:00	10.38	0	0000	UNKN	RESERVE SHUTDOWN
82	Reserve Shutdown	07/04/2017	00:30:00	07/04/2017	08:20:00	7.83	0	0000	UNKN	RESERVE SHUTDOWN
83	Reserve Shutdown	07/04/2017	23:10:00	07/05/2017	07:36:00	8.43	0	0000	UNKN	RESERVE SHUTDOWN
84	Reserve Shutdown	07/06/2017	00:41:00	07/06/2017	09:24:00	8.72	0	0000	UNKN	RESERVE SHUTDOWN
85	Reserve Shutdown	07/06/2017	23:09:00	07/07/2017	11:37:00	12.47	0	0000	UNKN	RESERVE SHUTDOWN
86	Reserve Shutdown	07/08/2017	23:35:00	07/09/2017	07:56:00	8.35	0	0000	UNKN	RESERVE SHUTDOWN
87	Reserve Shutdown	07/09/2017	22:58:00	07/10/2017	11:10:00	12.2	0	0000	UNKN	RESERVE SHUTDOWN
88	Reserve Shutdown	07/10/2017	23:27:00	07/11/2017	10:04:00	10.62	0	0000	UNKN	RESERVE SHUTDOWN
89	Reserve Shutdown	07/13/2017	23:03:00	07/14/2017	22:13:00	23.17	0	0000	UNKN	RESERVE SHUTDOWN
90	Reserve Shutdown	07/14/2017	23:08:00	07/15/2017	13:31:00	14.38	0	0000	UNKN	RESERVE SHUTDOWN
91	Reserve Shutdown	07/16/2017	23:59:00	07/17/2017	11:08:00	11.15	0	0000	UNKN	RESERVE SHUTDOWN
92	Reserve Shutdown	07/18/2017	14:18:00	07/19/2017	08:34:00	18.27	0	0000	UNKN	RESERVE SHUTDOWN
93	Reserve Shutdown	07/19/2017	23:43:00	07/20/2017	09:55:00	10.2	0	0000	UNKN	RESERVE SHUTDOWN
94	Reserve Shutdown	07/20/2017	20:45:00	07/21/2017	06:30:00	9.75	0	0000	UNKN	RESERVE SHUTDOWN
95	Maintenance Outage	07/21/2017	06:31:00	07/21/2017	11:43:00	5.2	0	3832	BLPT	2C HRSG IP SprHtr outlet safety valve socket weld leak
96	Reserve Shutdown	07/21/2017	11:44:00	07/21/2017	12:36:00	0.87	0	0000	UNKN	RESERVE SHUTDOWN
97	Reserve Shutdown	07/21/2017	18:01:00	07/24/2017	06:03:00	60.03	0	0000	UNKN	RESERVE SHUTDOWN
98	Reserve Shutdown	07/25/2017	01:15:00	07/25/2017	11:50:00	10.58	0	0000	UNKN	RESERVE SHUTDOWN
99	Reserve Shutdown	07/25/2017	23:03:00	07/26/2017	11:27:00	12.4	0	0000	UNKN	RESERVE SHUTDOWN
100	Reserve Shutdown	07/26/2017	22:48:00	07/27/2017	07:36:00	8.8	0	0000	UNKN	RESERVE SHUTDOWN
101	Maintenance Outage	07/27/2017	07:37:00	07/27/2017	14:35:00	6.97	0	5009	GAST	2C CT Inlet bleed heat piping weld failure.
102	Reserve Shutdown	07/27/2017	14:36:00	07/27/2017	15:03:00	0.45	0	0000	UNKN	RESERVE SHUTDOWN
103	Reserve Shutdown	07/27/2017	23:06:00	07/28/2017	05:27:00	6.35	0	0000	UNKN	RESERVE SHUTDOWN
104	Reserve Shutdown	07/29/2017	00:30:00	07/29/2017	09:31:00	9.02	0	0000	UNKN	RESERVE SHUTDOWN
105	Reserve Shutdown	07/30/2017	18:05:00	07/30/2017	18:46:00	0.68	0	0000	UNKN	RESERVE SHUTDOWN
106	Maintenance Outage	07/30/2017	18:47:00	07/31/2017	23:59:00	29.2	0	5272	GAST	2C CT enhanced borescope inspection (EBI).

**Tampa Electric Company
Outage Listing
(07/01/2017 - 07/31/2017)**

Unit: BAYSIDE CT2D MDC: 158 Run Date: 8/8/2017

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
108	Reserve Shutdown	07/01/2017	00:59:00	07/01/2017	09:38:00	8.65	0	0000	UNKN	RESERVE SHUTDOWN
109	Reserve Shutdown	07/01/2017	21:25:00	07/02/2017	08:45:00	11.33	0	0000	UNKN	RESERVE SHUTDOWN
110	Reserve Shutdown	07/02/2017	23:08:00	07/03/2017	09:29:00	10.35	0	0000	UNKN	RESERVE SHUTDOWN
111	Reserve Shutdown	07/03/2017	18:50:00	07/04/2017	10:03:00	15.22	0	0000	UNKN	RESERVE SHUTDOWN
112	Reserve Shutdown	07/05/2017	01:37:00	07/05/2017	09:53:00	8.27	0	0000	UNKN	RESERVE SHUTDOWN
113	Reserve Shutdown	07/05/2017	23:34:00	07/06/2017	13:04:00	13.5	0	0000	UNKN	RESERVE SHUTDOWN
114	Reserve Shutdown	07/06/2017	22:39:00	07/07/2017	10:00:00	11.35	0	0000	UNKN	RESERVE SHUTDOWN
115	Reserve Shutdown	07/07/2017	23:31:00	07/08/2017	08:23:00	8.87	0	0000	UNKN	RESERVE SHUTDOWN
116	Reserve Shutdown	07/08/2017	20:16:00	07/09/2017	10:34:00	14.3	0	0000	UNKN	RESERVE SHUTDOWN
117	Reserve Shutdown	07/09/2017	22:07:00	07/10/2017	06:31:00	8.4	0	0000	UNKN	RESERVE SHUTDOWN
118	Reserve Shutdown	07/10/2017	21:30:00	07/11/2017	08:51:00	11.35	0	0000	UNKN	RESERVE SHUTDOWN
119	Reserve Shutdown	07/12/2017	00:00:00	07/12/2017	09:45:00	9.75	0	0000	UNKN	RESERVE SHUTDOWN
120	Reserve Shutdown	07/12/2017	22:34:00	07/13/2017	12:03:00	13.48	0	0000	UNKN	RESERVE SHUTDOWN
121	Reserve Shutdown	07/14/2017	21:34:00	07/15/2017	10:49:00	13.25	0	0000	UNKN	RESERVE SHUTDOWN
122	Reserve Shutdown	07/15/2017	22:04:00	07/16/2017	09:46:00	11.7	0	0000	UNKN	RESERVE SHUTDOWN
123	Reserve Shutdown	07/16/2017	22:07:00	07/17/2017	09:27:00	11.33	0	0000	UNKN	RESERVE SHUTDOWN
124	Reserve Shutdown	07/17/2017	23:41:00	07/18/2017	11:20:00	11.65	0	0000	UNKN	RESERVE SHUTDOWN
125	Reserve Shutdown	07/18/2017	20:34:00	07/19/2017	10:35:00	14.02	0	0000	UNKN	RESERVE SHUTDOWN
126	Reserve Shutdown	07/19/2017	23:04:00	07/20/2017	10:54:00	11.83	0	0000	UNKN	RESERVE SHUTDOWN
127	Reserve Shutdown	07/21/2017	17:13:00	07/24/2017	10:20:00	65.12	0	0000	UNKN	RESERVE SHUTDOWN
128	Reserve Shutdown	07/24/2017	23:01:00	07/25/2017	09:45:00	10.73	0	0000	UNKN	RESERVE SHUTDOWN
129	Reserve Shutdown	07/25/2017	22:35:00	07/26/2017	09:56:00	11.35	0	0000	UNKN	RESERVE SHUTDOWN
130	Reserve Shutdown	07/26/2017	22:04:00	07/27/2017	06:36:00	8.53	0	0000	UNKN	RESERVE SHUTDOWN
131	Reserve Shutdown	07/27/2017	17:11:00	07/27/2017	18:14:00	1.05	0	0000	UNKN	RESERVE SHUTDOWN
132	Maintenance Outage	07/27/2017	18:15:00	07/28/2017	20:25:00	26.17	0	5272	GAST	2D CT enhanced borescope inspection (EBI).
133	Reserve Shutdown	07/28/2017	20:26:00	07/29/2017	08:46:00	12.33	0	0000	UNKN	RESERVE SHUTDOWN
134	Reserve Shutdown	07/29/2017	16:06:00	07/30/2017	07:43:00	15.62	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		