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June 26, 2017

ELECTRONIC FILING

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

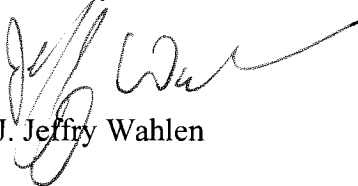
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor; FPSC Docket No. 170001-EI

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 May 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 26th day of June, 2017 to the following:

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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								60.3
2. PH	744	672	743	720	744								3623
3. SH	739.1	672.0	383.1	0.0	397.8								2192.1
4. RSH	0.0	0.0	0.0	0.0	0.0								0.0
5. UH	4.9	0.0	359.9	720.0	346.2								1430.9
6. POH	0.0	0.0	0.0	0.0	0.0								0.0
7. FOH	4.9	0.0	359.9	720.0	346.2								1430.9
8. MOH	0.0	0.0	0.0	0.0	0.0								0.0
9. PFOH	12.2	12.4	0.0	0.0	1.6								26.2
10. LR PF (MW)	47.0	67.5	0.0	0.0	197.2								65.8
11. PMOH	5.4	2.1	0.9	0.0	0.3								8.6
12. LR PM (MW)	47.0	228.5	218.4	0.0	75.1								109.8
13. NSC (MW)	395	395	395	385	385								393
14. OPR BTU(GBTU)	2174.4504	1909.7752	1030.0702	0.0000	1246.9803								6361.2762
15. NET GEN (MWH)	202470	167343	95573	0	115639								581025
16. ANOHR (BTU/KWH)	10740	11412	10778	0	10783								10948
17. NOF (%)	69.4	63.0	63.2	0.0	75.5								67.4
18. NPC (MW)	395	395	395	385	385								391
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								58.3
2. PH	744	672	743	720	744								3623
3. SH	583.1	583.0	23.3	415.3	269.5								1874.3
4. RSH	24.5	0.0	389.7	0.0	0.0								414.2
5. UH	136.4	89.0	330.0	304.7	474.5								1334.5
6. POH	0.0	0.0	0.0	256.7	78.0								334.7
7. FOH	73.4	89.0	330.0	48.0	396.5								936.9
8. MOH	63.0	0.0	0.0	0.0	0.0								63.0
9. PFOH	293.7	572.9	0.0	406.3	88.2								1361.0
10. LR PF (MW)	66.3	44.4	0.0	24.6	144.1								49.6
11. PMOH	0.3	5.7	0.0	1.9	0.0								7.9
12. LR PM (MW)	206.9	200.5	0.0	189.7	0.0								198.2
13. NSC (MW)	395	395	395	385	385								391
14. OPR BTU(GBTU)	1868.6660	1687.6119	39.4345	1309.0914	856.2088								5761.0125
15. NET GEN (MWH)	170150	152752	3410	125802	75289								527403
16. ANOHR (BTU/KWH)	10982	11048	11564	10406	11372								10923
17. NOF (%)	73.9	66.3	37.0	78.7	72.6								71.9
18. NPC (MW)	395	395	395	385	385								391
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
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								65.0
2. PH	744	672	743	720	744								3623
3. SH	496.5	218.0	230.3	386.5	744.0								2075.3
4. RSH	85.4	333.0	160.0	0.0	0.0								578.4
5. UH	162.1	121.0	352.7	333.5	0.0								969.3
6. POH	0.0	121.0	188.5	0.0	0.0								309.5
7. FOH	162.1	0.0	164.2	333.5	0.0								659.8
8. MOH	0.0	0.0	0.0	0.0	0.0								0.0
9. PFOH	222.2	218.0	104.7	276.5	600.2								1421.6
10. LR PF (MW)	38.7	29.4	82.9	145.4	88.3								82.3
11. PMOH	8.3	0.0	0.7	0.0	0.0								8.9
12. LR PM (MW)	211.8	0.0	155.3	0.0	0.0								207.5
13. NSC (MW)	400	400	400	395	395								397
14. OPR BTU(GBTU)	1586.7295	558.3993	654.5651	975.4322	1646.6407								5421.7669
15. NET GEN (MWH)	151724	50703	53355	87729	147110								490621
16. ANOHR BTU/KWH	10458	11013	12268	11119	11193								11051
17. NOF (%)	76.4	58.1	57.9	57.5	50.1								59.5
18. NPC (MW)	400	400	400	395	395								398
19. ANOHR EQUATION	ANOHR = NOF (-6.885) + 11,168												



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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 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								78.7
2. PH	744	672	743	720	744								3623
3. SH	443.6	582.3	603.5	617.2	744.0								2990.6
4. RSH	92.4	19.9	30.9	0.0	0.0								143.2
5. UH	207.9	69.8	108.6	102.8	0.0								489.2
6. POH	0.0	0.0	0.0	0.0	0.0								0.0
7. FOH	207.9	69.8	0.0	102.8	0.0								380.5
8. MOH	0.0	0.0	108.6	0.0	0.0								108.6
9. PFOH	409.3	121.9	601.6	374.5	449.6								1956.9
10. LR PF (MW)	99.1	100.7	35.5	46.8	48.5								58.0
11. PMOH	23.7	7.9	1.9	20.8	0.0								54.2
12. LR PM (MW)	190.8	227.0	234.2	205.9	0.0								203.3
13. NSC (MW)	442	442	442	437	437								440
14. OPR BTU(GBTU)	1421.8362	1988.2765	1901.4028	2252.1482	2941.4736								10505.1372
15. NET GEN (MWH)	135022	190073	179206	214373	275387								994061
16. ANOHR BTU/KWH	10530	10461	10610	10506	10681								10568
17. NOF (%)	68.9	73.8	67.2	79.5	84.7								75.6
18. NPC (MW)	442	442	442	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								92.9
2. PH	744	672	743	720	744								3623
3. SH	744.0	667.1	708.0	720.0	527.3								3366.3
4. RSH	0.0	0.0	0.0	0.0	0.0								0.0
5. UH	0.0	4.9	35.0	0.0	216.7								256.7
6. POH	0.0	0.0	0.0	0.0	0.0								0.0
7. FOH	0.0	4.9	35.0	0.0	116.5								156.4
8. MOH	0.0	0.0	0.0	0.0	100.3								100.3
9. PFOH	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
11. PMOH	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
13. NSC (MW)	220	220	220	220	220								220
14. OPR BTU(GBTU)	1565.3848	1450.1380	1538.4069	1710.0220	1277.8395								7541.7912
15. NET GEN (MWH)	155821	143609	165125	176605	119597								760757
16. ANOHR BTU/KWH	10046	10098	9317	9683	10685								9914
17. NOF (%)	95.2	97.9	106.0	111.5	103.1								102.7
18. NPC (MW)	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								67.2
2. PH	744	672	743	720	744								3623
3. SH	744.0	462.9	0.0	507.9	744.0								2458.8
4. RSH	0.0	204.8	0.0	16.3	0.0								221.1
5. UH	0.0	4.3	743.0	195.8	0.0								943.1
6. POH	0.0	1.3	743.0	167.3	0.0								911.6
7. FOH	0.0	0.0	0.0	24.7	0.0								24.7
8. MOH	0.0	3.0	0.0	3.8	0.0								6.9
9. PFOH	37.2	4.1	0.0	40.8	0.0								82.0
10. LR PF (MW)	264.0	264.0	0.0	224.6	0.0								244.4
11. PMOH	7.8	369.1	743.0	782.6	14.9								1917.4
12. LR PM (MW)	264.0	264.0	0.0	79.5	233.7								86.2
13. NSC (MW)	792	792	792	701	701								746
14. OPR BTU(GBTU)	1578.1580	970.4530	0.0000	1237.6590	2189.2750								5975.5450
15. NET GEN (MWH)	197576	119609	-274	161007	288649								766567
16. ANOHR (BTU/KWH)	7988	8114	0	7687	7585								7795
17. NOF (%)	33.5	32.6	0.0	45.2	55.3								41.8
18. NPC (MW)	792	792	792	701	701								756
19. ANOHR EQUATION	ANOHR = NOF (-9.906) + 8,039												

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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
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								79.4
2. PH	744	672	743	720	744								3623
3. SH	527.1	298.7	738.1	720.0	657.9								2941.9
4. RSH	0.0	42.3	0.0	0.0	0.0								42.3
5. UH	216.9	331.0	4.9	0.0	86.1								638.9
6. POH	216.9	312.3	0.0	0.0	0.0								529.2
7. FOH	0.0	18.7	4.9	0.0	62.2								85.8
8. MOH	0.0	0.0	0.0	0.0	23.9								23.9
9. PFOH	14.7	9.4	0.0	71.4	0.0								95.5
10. LR PF (MW)	261.8	261.8	0.0	232.3	0.0								239.7
11. PMOH	150.4	91.2	53.6	14.7	19.2								329.1
12. LR PM (MW)	261.8	261.8	261.8	232.3	232.3								258.7
13. NSC (MW)	1047	1047	1047	929	929								992
14. OPR BTU(GBTU)	1250.4170	1166.1780	2519.0980	2460.5630	2220.7560								9617.0120
15. NET GEN (MWH)	157433	146101	318307	313417	278762								1214020
16. ANOHR (BTU/KWH)	7943	7982	7914	7851	7966								7922
17. NOF (%)	28.5	46.7	41.2	46.9	45.6								41.6
18. NPC (MW)	1047	1047	1047	929	929								1000
19. ANOHR EQUATION	ANOHR = NOF (-7.777) + 7,937												

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**Tampa Electric Company
Outage Listing
(05/01/2017 - 05/31/2017)**

Unit: BIG BEND 1 MDC: 410 Run Date: 6/7/2017

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
23	Full Forced Delayed	04/01/2017	00:01:00	05/14/2017	04:07:00	316.12	0	4289	TURB	Suspected turbine oil contamination.
24	Full Forced Immed	05/14/2017	22:28:00	05/15/2017	03:45:00	5.28	0	4609	GEN	Exciter rectifiers overheated due to A/C malfunction.
25	Partial Maintenance	05/25/2017	01:00:00	05/25/2017	01:15:00	0.25	330	4268	TURB	Main Turbine valve testing (intercept and reheat only)
26	Partial Forced Delayed	05/27/2017	04:25:00	05/27/2017	06:00:00	1.58	200	3110	COND	B Condenser out of service due to suspected salt leak.
27	Full Forced Postponed	05/30/2017	23:15:00	06/01/2017	00:42:00	24.75	0	4293	TURB	Turbine valves EHC system fluid leak (leaks got progr

**Tampa Electric Company
Outage Listing
(05/01/2017 - 05/31/2017)**

Unit: BIG BEND 2 MDC: 410 Run Date: 6/7/2017

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	Planned Outage	04/20/2017	07:19:00	05/04/2017	06:00:00	78	0	8812	NOx	Catalyst replacement
72	Full Forced Immed	05/04/2017	06:00:00	05/20/2017	18:28:00	396.47	0	4281	TURB	Lube oil cooler repairs. Leaks were discovered during 1
74	Partial Forced Immed	05/21/2017	02:00:00	05/23/2017	12:35:00	58.58	270	1470	BLR	B ID Fan tripped (microprocessor card failure)
75	Noncurtailing	05/27/2017	21:12:00	05/27/2017	23:30:00	2.3	350	0340	BLR	Mill peaking
76	Partial Forced Delayed	05/30/2017	09:00:00	05/31/2017	14:35:00	29.58	230	1470	BLR	B ID Fan VFD transformer coolant leak

**Tampa Electric Company
Outage Listing
(05/01/2017 - 05/31/2017)**

Unit: BIG BEND 3 MDC: 420 Run Date: 6/7/2017

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
38	Partial Forced Delayed	04/30/2017	10:30:00	05/01/2017	15:00:00	15	200	0790	BLR	Reheat line snubber / I-beam bent.
39	Partial Forced Immed	05/01/2017	15:00:00	05/02/2017	06:00:00	15	220	0790	BLR	Reheat line snubber / I-beam bent.
40	Partial Forced Immed	05/02/2017	06:00:00	05/02/2017	15:00:00	9	225	0790	BLR	Reheat line snubber / I-beam bent.
41	Partial Forced Immed	05/02/2017	15:00:00	05/03/2017	06:22:00	15.37	230	0790	BLR	Reheat line snubber / I-beam bent.
42	Partial Forced Immed	05/03/2017	06:22:00	05/03/2017	14:45:00	8.38	235	0790	BLR	Reheat line snubber / I-beam bent.
43	Partial Forced Immed	05/03/2017	14:45:00	05/04/2017	15:34:00	24.82	225	3110	COND	South side tube leak
44	Partial Forced Immed	05/04/2017	15:34:00	05/05/2017	15:09:00	23.58	235	0790	BLR	Reheat line snubber / I-beam bent.
45	Partial Forced Immed	05/11/2017	15:00:00	05/14/2017	15:00:00	72	190	0920	BLR	A Slag tank structural failure. Gas only.Steam header r
46	Partial Forced Immed	05/14/2017	15:00:00	05/16/2017	13:45:00	46.75	350	1455	BLR	B ID Fan vibration limits.Gas fire only.
47	Partial Forced Immed	05/16/2017	13:45:00	06/01/2017	22:00:00	370.25	380	1455	BLR	B ID Fan vibration limits.Gas fire only.

**Tampa Electric Company
Outage Listing
(05/01/2017 - 05/31/2017)**

Unit: BIG BEND 4 MDC: 470 Run Date: 6/7/2017

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	Partial Forced Immed	05/02/2017	05:15:00	05/02/2017	09:00:00	3.75	425	1170	BLR	High APH outlet temperature indications.Suspect back
94	Partial Forced Immed	05/13/2017	10:08:00	05/13/2017	12:42:00	2.57	430	1170	BLR	High APH outlet temperature indications.Suspect back
95	Partial Forced Immed	05/13/2017	12:42:00	05/14/2017	17:00:00	28.3	425	1170	BLR	High APH outlet temperature indications.Suspect back
96	Partial Forced Immed	05/14/2017	17:00:00	05/17/2017	09:28:00	64.47	430	1170	BLR	High APH outlet temperature indications.Suspect back
97	Partial Forced Immed	05/17/2017	09:28:00	05/17/2017	15:14:00	5.77	420	1170	BLR	High APH outlet temperature indications.Suspect back
98	Partial Forced Immed	05/17/2017	15:14:00	05/17/2017	17:00:00	1.77	430	1170	BLR	High APH outlet temperature indications.Suspect back
99	Partial Forced Immed	05/17/2017	17:00:00	05/22/2017	12:00:00	115	425	1170	BLR	High APH outlet temperature indications.Suspect back
100	Partial Forced Immed	05/22/2017	12:00:00	05/23/2017	21:45:00	33.75	420	1170	BLR	High APH outlet temperature indications.Suspect back
101	Partial Forced Immed	05/23/2017	21:45:00	05/24/2017	05:00:00	7.25	405	1170	BLR	High APH outlet temperature indications.Suspect back
102	Partial Forced Immed	05/24/2017	05:00:00	05/24/2017	07:00:00	2	415	1170	BLR	High APH outlet temperature indications.Suspect back
103	Partial Forced Immed	05/24/2017	07:00:00	05/24/2017	12:00:00	5	410	1170	BLR	High APH outlet temperature indications.Suspect back
104	Partial Forced Immed	05/24/2017	12:00:00	05/27/2017	00:00:00	60	405	1170	BLR	High APH outlet temperature indications.Suspect back
105	Partial Forced Immed	05/27/2017	00:00:00	05/31/2017	00:01:00	96.02	410	1170	BLR	High APH outlet temperature indications.Suspect back
106	Partial Forced Immed	05/31/2017	00:01:00	06/01/2017	00:30:00	23.98	405	1170	BLR	High APH outlet temperature indications.Suspect back

**Tampa Electric Company
Outage Listing
(05/01/2017 - 05/31/2017)**

Unit: POLK 1 MDC: 290 Run Date: 6/7/2017

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
10	Partial Forced Delayed	05/06/2017	21:48:00	05/12/2017	16:57:00	88.42	200	6399	GASF	HP Steam Leak to Power Block (interconnecting pipe f
10	Partial Forced Delayed	05/06/2017	21:48:00	05/12/2017	16:57:00	50.73	200	6399	GASF	HP Steam Leak to Power Block (interconnecting pipe f
11	Maintenance Outage	05/06/2017	09:56:00	05/10/2017	14:13:00	100.28	0	5079	GAST	Borescope Inspection to comply w/ GE departure letter
12	Noncurtailing	05/12/2017	14:36:00	05/12/2017	16:57:00	2.35	200	5041	GAST	Diluent Nitrogen Control Valve Servo failed impairing t
13	Partial Forced Immed	05/16/2017	07:40:00	05/21/2017	15:08:00	15.98	200	6299	COMB	STG Lube Oil Pumps failed, gasifier required to be shu
13	Partial Forced Immed	05/16/2017	07:40:00	05/21/2017	15:08:00	109.48	200	6299	COMB	STG Lube Oil Pumps failed, gasifier required to be shu
13	Partial Forced Immed	05/16/2017	07:40:00	05/21/2017	15:08:00	2	200	6299	COMB	STG Lube Oil Pumps failed, gasifier required to be shu
14	Full Forced Immed	05/16/2017	23:39:00	05/21/2017	13:08:00	109.48	0	4280	TURB	Both AC Lube Oil Pumps failed bearings, rebuild requi
15	Startup Failure	05/21/2017	13:08:00	05/21/2017	20:07:00	6.98	0	5048	GAST	GTG failed to ignite multiple occassion, natural gas ap
16	Partial Forced Immed	05/31/2017	18:31:00	06/02/2017	11:48:00	0.7	200	6399	GASF	2F, Burner Tip Coil failure
16	Partial Forced Immed	05/31/2017	18:31:00	06/02/2017	11:48:00	4.78	200	6399	GASF	2F, Burner Tip Coil failure
17	Partial Forced Immed	05/31/2017	17:35:00	05/31/2017	19:13:00	0.93	150	8699	POLL	Diluent Steam Warm-up tripped STG on low vacuum
17	Partial Forced Immed	05/31/2017	17:35:00	05/31/2017	19:13:00	0.7	150	8699	POLL	Diluent Steam Warm-up tripped STG on low vacuum

**Tampa Electric Company
Outage Listing
(05/01/2017 - 05/31/2017)**

Unit: BAYSIDE ST1 MDC: 236 Run Date: 6/7/2017

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

**Tampa Electric Company
Outage Listing
(05/01/2017 - 05/31/2017)**

Unit: BAYSIDE CT1A MDC: 158 Run Date: 6/7/2017

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	05/01/2017	00:01:00	05/01/2017	06:31:00	6.5	0	0000	UNKN	RESERVE SHUTDOWN
53	Reserve Shutdown	05/02/2017	01:13:00	05/02/2017	11:29:00	10.27	0	0000	UNKN	RESERVE SHUTDOWN
54	Reserve Shutdown	05/02/2017	22:14:00	05/03/2017	10:34:00	12.33	0	0000	UNKN	RESERVE SHUTDOWN
55	Reserve Shutdown	05/03/2017	23:24:00	05/04/2017	09:46:00	10.37	0	0000	UNKN	RESERVE SHUTDOWN
56	Reserve Shutdown	05/04/2017	22:02:00	05/08/2017	11:27:00	85.42	0	0000	UNKN	RESERVE SHUTDOWN
57	Reserve Shutdown	05/08/2017	23:03:00	05/09/2017	12:33:00	13.5	0	0000	UNKN	RESERVE SHUTDOWN
58	Reserve Shutdown	05/09/2017	21:46:00	05/10/2017	08:19:00	10.55	0	0000	UNKN	RESERVE SHUTDOWN
59	Reserve Shutdown	05/10/2017	22:12:00	05/11/2017	08:50:00	10.63	0	0000	UNKN	RESERVE SHUTDOWN
60	Reserve Shutdown	05/11/2017	23:27:00	05/12/2017	06:54:00	7.45	0	0000	UNKN	RESERVE SHUTDOWN
61	Reserve Shutdown	05/12/2017	23:54:00	05/13/2017	06:45:00	6.85	0	0000	UNKN	RESERVE SHUTDOWN
62	Reserve Shutdown	05/13/2017	22:49:00	05/14/2017	09:32:00	10.72	0	0000	UNKN	RESERVE SHUTDOWN
63	Reserve Shutdown	05/16/2017	00:44:00	05/16/2017	09:42:00	8.97	0	0000	UNKN	RESERVE SHUTDOWN
64	Reserve Shutdown	05/16/2017	22:08:00	05/17/2017	10:59:00	12.85	0	0000	UNKN	RESERVE SHUTDOWN
65	Reserve Shutdown	05/17/2017	21:10:00	05/18/2017	10:37:00	13.45	0	0000	UNKN	RESERVE SHUTDOWN
66	Reserve Shutdown	05/19/2017	01:08:00	05/19/2017	10:07:00	8.98	0	0000	UNKN	RESERVE SHUTDOWN
67	Reserve Shutdown	05/19/2017	21:47:00	05/20/2017	07:59:00	10.2	0	0000	UNKN	RESERVE SHUTDOWN
68	Reserve Shutdown	05/20/2017	23:26:00	05/21/2017	10:09:00	10.72	0	0000	UNKN	RESERVE SHUTDOWN
69	Reserve Shutdown	05/21/2017	21:17:00	05/22/2017	02:15:00	4.97	0	0000	UNKN	RESERVE SHUTDOWN
70	Maintenance Outage	05/22/2017	02:16:00	05/22/2017	06:48:00	4.53	0	5041	GAST	Changed the 1A CT fuel gas outlet valve to a spool pie
71	Reserve Shutdown	05/22/2017	06:49:00	05/22/2017	11:02:00	4.22	0	0000	UNKN	RESERVE SHUTDOWN
72	Reserve Shutdown	05/22/2017	22:08:00	05/23/2017	11:46:00	13.63	0	0000	UNKN	RESERVE SHUTDOWN
73	Reserve Shutdown	05/23/2017	22:15:00	05/24/2017	09:37:00	11.37	0	0000	UNKN	RESERVE SHUTDOWN
74	Reserve Shutdown	05/24/2017	16:13:00	05/25/2017	10:51:00	18.63	0	0000	UNKN	RESERVE SHUTDOWN
75	Reserve Shutdown	05/26/2017	19:13:00	05/27/2017	12:09:00	16.93	0	0000	UNKN	RESERVE SHUTDOWN
76	Reserve Shutdown	05/27/2017	20:04:00	05/28/2017	11:58:00	15.9	0	0000	UNKN	RESERVE SHUTDOWN
77	Reserve Shutdown	05/28/2017	17:58:00	05/29/2017	11:09:00	17.18	0	0000	UNKN	RESERVE SHUTDOWN
78	Reserve Shutdown	05/29/2017	19:44:00	05/30/2017	12:10:00	16.43	0	0000	UNKN	RESERVE SHUTDOWN
79	Reserve Shutdown	05/31/2017	00:34:00	05/31/2017	11:47:00	11.22	0	0000	UNKN	RESERVE SHUTDOWN
80	Reserve Shutdown	05/31/2017	22:29:00	05/31/2017	23:59:00	1.5	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(05/01/2017 - 05/31/2017)**

Unit: BAYSIDE CT1B MDC: 158 Run Date: 6/7/2017

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
37	Reserve Shutdown	05/04/2017	00:23:00	05/04/2017	11:31:00	11.13	0	0000	UNKN	RESERVE SHUTDOWN
38	Reserve Shutdown	05/09/2017	22:47:00	05/10/2017	10:37:00	11.83	0	0000	UNKN	RESERVE SHUTDOWN
39	Reserve Shutdown	05/11/2017	21:27:00	05/12/2017	09:42:00	12.25	0	0000	UNKN	RESERVE SHUTDOWN
40	Reserve Shutdown	05/13/2017	00:54:00	05/13/2017	08:31:00	7.62	0	0000	UNKN	RESERVE SHUTDOWN
41	Reserve Shutdown	05/14/2017	00:09:00	05/14/2017	10:49:00	10.67	0	0000	UNKN	RESERVE SHUTDOWN
42	Reserve Shutdown	05/16/2017	23:29:00	05/17/2017	09:55:00	10.43	0	0000	UNKN	RESERVE SHUTDOWN
43	Reserve Shutdown	05/17/2017	22:01:00	05/18/2017	11:17:00	13.27	0	0000	UNKN	RESERVE SHUTDOWN
44	Reserve Shutdown	05/18/2017	21:21:00	05/19/2017	07:36:00	10.25	0	0000	UNKN	RESERVE SHUTDOWN
45	Reserve Shutdown	05/19/2017	23:07:00	05/20/2017	10:33:00	11.43	0	0000	UNKN	RESERVE SHUTDOWN
46	Reserve Shutdown	05/21/2017	00:29:00	05/21/2017	11:32:00	11.05	0	0000	UNKN	RESERVE SHUTDOWN
47	Reserve Shutdown	05/21/2017	22:35:00	05/22/2017	11:48:00	13.22	0	0000	UNKN	RESERVE SHUTDOWN
48	Reserve Shutdown	05/24/2017	21:06:00	05/25/2017	13:21:00	16.25	0	0000	UNKN	RESERVE SHUTDOWN
49	Reserve Shutdown	05/25/2017	21:03:00	05/26/2017	11:42:00	14.65	0	0000	UNKN	RESERVE SHUTDOWN
50	Reserve Shutdown	05/26/2017	19:55:00	05/27/2017	15:20:00	19.42	0	0000	UNKN	RESERVE SHUTDOWN
51	Reserve Shutdown	05/27/2017	21:11:00	05/28/2017	11:28:00	14.28	0	0000	UNKN	RESERVE SHUTDOWN
52	Reserve Shutdown	05/28/2017	21:11:00	05/29/2017	13:13:00	16.03	0	0000	UNKN	RESERVE SHUTDOWN
53	Reserve Shutdown	05/29/2017	23:11:00	05/30/2017	10:56:00	11.75	0	0000	UNKN	RESERVE SHUTDOWN
54	Reserve Shutdown	05/31/2017	23:11:00	05/31/2017	23:59:00	0.8	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(05/01/2017 - 05/31/2017)**

Unit: BAYSIDE CT1C MDC: 158 Run Date: 6/7/2017

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
17	Reserve Shutdown	05/01/2017	00:01:00	05/01/2017	10:43:00	10.7	0	0000	UNKN	RESERVE SHUTDOWN
18	Reserve Shutdown	05/02/2017	00:01:00	05/02/2017	09:36:00	9.58	0	0000	UNKN	RESERVE SHUTDOWN
19	Reserve Shutdown	05/02/2017	21:23:00	05/03/2017	11:40:00	14.28	0	0000	UNKN	RESERVE SHUTDOWN
20	Reserve Shutdown	05/04/2017	20:07:00	05/05/2017	12:19:00	16.2	0	0000	UNKN	RESERVE SHUTDOWN
21	Reserve Shutdown	05/06/2017	00:05:00	05/07/2017	12:25:00	36.33	0	0000	UNKN	RESERVE SHUTDOWN
22	Reserve Shutdown	05/07/2017	22:39:00	05/08/2017	08:27:00	9.8	0	0000	UNKN	RESERVE SHUTDOWN
23	Reserve Shutdown	05/08/2017	22:04:00	05/09/2017	10:44:00	12.67	0	0000	UNKN	RESERVE SHUTDOWN
24	Reserve Shutdown	05/10/2017	21:26:00	05/11/2017	11:22:00	13.93	0	0000	UNKN	RESERVE SHUTDOWN
25	Reserve Shutdown	05/22/2017	20:10:00	05/22/2017	21:50:00	1.67	0	0000	UNKN	RESERVE SHUTDOWN
26	Maintenance Outage	05/22/2017	21:51:00	05/23/2017	08:12:00	10.35	0	5041	GAST	Repair leak on 1C CT fuel gas Y-strainer.
27	Reserve Shutdown	05/23/2017	08:13:00	05/23/2017	10:40:00	2.45	0	0000	UNKN	RESERVE SHUTDOWN
28	Reserve Shutdown	05/25/2017	21:39:00	05/26/2017	14:33:00	16.9	0	0000	UNKN	RESERVE SHUTDOWN
29	Reserve Shutdown	05/30/2017	22:53:00	05/31/2017	10:31:00	11.63	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(05/01/2017 - 05/31/2017)**

Unit: BAYSIDE ST2 MDC: 308 Run Date: 6/7/2017

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
12	Maintenance Outage	05/12/2017	23:07:00	05/13/2017	23:00:00	23.88	0	4611	GEN	Maint outage for H2 cooler repair.
13	Full Forced Immed	05/13/2017	23:01:00	05/16/2017	13:12:00	62.18	0	4410	TURB	Broken chain on ST-2 Turning Gear Gearbox Repairs.

**Tampa Electric Company
Outage Listing
(05/01/2017 - 05/31/2017)**

Unit: BAYSIDE CT2A MDC: 158 Run Date: 6/7/2017

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
73	Reserve Shutdown	05/01/2017	22:48:00	05/02/2017	10:35:00	11.78	0	0000	UNKN RESERVE SHUTDOWN	
74	Reserve Shutdown	05/03/2017	22:42:00	05/04/2017	10:42:00	12	0	0000	UNKN RESERVE SHUTDOWN	
75	Reserve Shutdown	05/04/2017	18:48:00	05/05/2017	01:24:00	6.6	0	0000	UNKN RESERVE SHUTDOWN	
76	Maintenance Outage	05/05/2017	01:25:00	05/05/2017	13:21:00	11.93	0	3832	BLPT LP (FWS-V202) and IP (FWS-V221) feedwater control	
77	Reserve Shutdown	05/05/2017	13:22:00	05/08/2017	14:03:00	72.68	0	0000	UNKN RESERVE SHUTDOWN	
78	Reserve Shutdown	05/08/2017	21:49:00	05/09/2017	10:08:00	12.32	0	0000	UNKN RESERVE SHUTDOWN	
79	Reserve Shutdown	05/10/2017	23:36:00	05/11/2017	10:52:00	11.27	0	0000	UNKN RESERVE SHUTDOWN	
80	Reserve Shutdown	05/12/2017	00:21:00	05/12/2017	10:45:00	10.4	0	0000	UNKN RESERVE SHUTDOWN	
81	Reserve Shutdown	05/12/2017	22:04:00	05/15/2017	06:20:00	56.27	0	0000	UNKN RESERVE SHUTDOWN	
82	Maintenance Outage	05/15/2017	06:21:00	05/15/2017	21:00:00	14.65	0	6299	COMB Unit 2 steam turbine turning gear repair. Simple cycle i	
83	Reserve Shutdown	05/15/2017	21:01:00	05/16/2017	18:26:00	21.42	0	0000	UNKN RESERVE SHUTDOWN	
84	Reserve Shutdown	05/17/2017	00:22:00	05/17/2017	08:47:00	8.42	0	0000	UNKN RESERVE SHUTDOWN	
85	Reserve Shutdown	05/18/2017	21:46:00	05/19/2017	05:35:00	7.82	0	0000	UNKN RESERVE SHUTDOWN	
86	Reserve Shutdown	05/19/2017	20:17:00	05/20/2017	06:06:00	9.82	0	0000	UNKN RESERVE SHUTDOWN	
87	Reserve Shutdown	05/20/2017	20:59:00	05/21/2017	09:30:00	12.52	0	0000	UNKN RESERVE SHUTDOWN	
88	Reserve Shutdown	05/21/2017	23:25:00	05/22/2017	13:00:00	13.58	0	0000	UNKN RESERVE SHUTDOWN	
89	Reserve Shutdown	05/22/2017	22:54:00	05/23/2017	13:37:00	14.72	0	0000	UNKN RESERVE SHUTDOWN	
90	Reserve Shutdown	05/23/2017	23:15:00	05/24/2017	11:54:00	12.65	0	0000	UNKN RESERVE SHUTDOWN	
91	Reserve Shutdown	05/24/2017	22:02:00	05/28/2017	13:27:00	87.42	0	0000	UNKN RESERVE SHUTDOWN	
92	Reserve Shutdown	05/28/2017	21:56:00	05/29/2017	11:52:00	13.93	0	0000	UNKN RESERVE SHUTDOWN	
93	Reserve Shutdown	05/30/2017	00:00:00	05/30/2017	11:36:00	11.6	0	0000	UNKN RESERVE SHUTDOWN	
94	Reserve Shutdown	05/30/2017	23:47:00	05/31/2017	09:47:00	10	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company
Outage Listing
(05/01/2017 - 05/31/2017)**

Unit: BAYSIDE CT2B MDC: 158 Run Date: 6/7/2017

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
63	Reserve Shutdown	05/01/2017	01:35:00	05/01/2017	11:05:00	9.5	0	0000	UNKN	RESERVE SHUTDOWN
64	Reserve Shutdown	05/02/2017	21:00:00	05/03/2017	08:53:00	11.88	0	0000	UNKN	RESERVE SHUTDOWN
65	Reserve Shutdown	05/09/2017	21:18:00	05/10/2017	10:11:00	12.88	0	0000	UNKN	RESERVE SHUTDOWN
66	Reserve Shutdown	05/12/2017	23:04:00	05/15/2017	06:20:00	55.27	0	0000	UNKN	RESERVE SHUTDOWN
67	Maintenance Outage	05/15/2017	06:21:00	05/15/2017	21:00:00	14.65	0	6299	COMB	Unit 2 steam turbine turning gear repair. Simple cycle
68	Reserve Shutdown	05/15/2017	21:01:00	05/16/2017	17:57:00	20.93	0	0000	UNKN	RESERVE SHUTDOWN
69	Reserve Shutdown	05/17/2017	00:14:00	05/17/2017	10:41:00	10.45	0	0000	UNKN	RESERVE SHUTDOWN
70	Reserve Shutdown	05/18/2017	22:40:00	05/19/2017	09:01:00	10.35	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(05/01/2017 - 05/31/2017)**

Unit: BAYSIDE CT2C MDC: 158 Run Date: 6/7/2017

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
41	Reserve Shutdown	05/01/2017	00:25:00	05/01/2017	09:32:00	9.12	0	0000	UNKN RESERVE SHUTDOWN	
42	Reserve Shutdown	05/01/2017	22:10:00	05/02/2017	05:36:00	7.43	0	0000	UNKN RESERVE SHUTDOWN	
43	Reserve Shutdown	05/02/2017	23:39:00	05/03/2017	11:01:00	11.37	0	0000	UNKN RESERVE SHUTDOWN	
44	Reserve Shutdown	05/03/2017	21:05:00	05/04/2017	08:28:00	11.38	0	0000	UNKN RESERVE SHUTDOWN	
45	Reserve Shutdown	05/04/2017	22:50:00	05/07/2017	14:25:00	63.58	0	0000	UNKN RESERVE SHUTDOWN	
46	Reserve Shutdown	05/08/2017	00:31:00	05/08/2017	10:15:00	9.73	0	0000	UNKN RESERVE SHUTDOWN	
47	Reserve Shutdown	05/08/2017	21:06:00	05/09/2017	11:32:00	14.43	0	0000	UNKN RESERVE SHUTDOWN	
48	Reserve Shutdown	05/09/2017	23:42:00	05/10/2017	11:58:00	12.27	0	0000	UNKN RESERVE SHUTDOWN	
49	Reserve Shutdown	05/10/2017	22:46:00	05/11/2017	11:57:00	13.18	0	0000	UNKN RESERVE SHUTDOWN	
50	Reserve Shutdown	05/11/2017	22:25:00	05/12/2017	11:45:00	13.33	0	0000	UNKN RESERVE SHUTDOWN	
51	Reserve Shutdown	05/12/2017	21:08:00	05/15/2017	06:20:00	57.2	0	0000	UNKN RESERVE SHUTDOWN	
52	Maintenance Outage	05/15/2017	06:21:00	05/15/2017	21:00:00	14.65	0	6299	COMB Unit 2 steam turbine turning gear repair. Simple cycle	
53	Reserve Shutdown	05/15/2017	21:01:00	05/16/2017	09:23:00	12.37	0	0000	UNKN RESERVE SHUTDOWN	
54	Reserve Shutdown	05/17/2017	23:05:00	05/18/2017	10:01:00	10.93	0	0000	UNKN RESERVE SHUTDOWN	
55	Reserve Shutdown	05/19/2017	20:49:00	05/20/2017	08:41:00	11.87	0	0000	UNKN RESERVE SHUTDOWN	
56	Reserve Shutdown	05/20/2017	22:19:00	05/21/2017	12:34:00	14.25	0	0000	UNKN RESERVE SHUTDOWN	
57	Reserve Shutdown	05/21/2017	21:54:00	05/22/2017	09:40:00	11.77	0	0000	UNKN RESERVE SHUTDOWN	
58	Reserve Shutdown	05/22/2017	21:27:00	05/23/2017	11:35:00	14.13	0	0000	UNKN RESERVE SHUTDOWN	
59	Reserve Shutdown	05/23/2017	21:15:00	05/24/2017	09:06:00	11.85	0	0000	UNKN RESERVE SHUTDOWN	
60	Reserve Shutdown	05/24/2017	17:09:00	05/25/2017	15:00:00	21.85	0	0000	UNKN RESERVE SHUTDOWN	
61	Reserve Shutdown	05/25/2017	19:36:00	05/26/2017	13:03:00	17.45	0	0000	UNKN RESERVE SHUTDOWN	
62	Reserve Shutdown	05/26/2017	21:00:00	05/27/2017	13:50:00	16.83	0	0000	UNKN RESERVE SHUTDOWN	
63	Reserve Shutdown	05/27/2017	18:41:00	05/28/2017	10:40:00	15.98	0	0000	UNKN RESERVE SHUTDOWN	
64	Reserve Shutdown	05/28/2017	20:05:00	05/29/2017	09:54:00	13.82	0	0000	UNKN RESERVE SHUTDOWN	
65	Reserve Shutdown	05/29/2017	20:20:00	05/30/2017	10:11:00	13.85	0	0000	UNKN RESERVE SHUTDOWN	
66	Reserve Shutdown	05/30/2017	22:08:00	05/31/2017	08:10:00	10.03	0	0000	UNKN RESERVE SHUTDOWN	
67	Reserve Shutdown	05/31/2017	20:54:00	05/31/2017	23:59:00	3.08	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company
Outage Listing
(05/01/2017 - 05/31/2017)**

Unit: BAYSIDE CT2D MDC: 158 Run Date: 6/7/2017

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
62	Reserve Shutdown	05/01/2017	00:01:00	05/01/2017	11:40:00	11.65	0	0000	UNKN	RESERVE SHUTDOWN
63	Reserve Shutdown	05/01/2017	21:39:00	05/02/2017	13:47:00	16.13	0	0000	UNKN	RESERVE SHUTDOWN
64	Reserve Shutdown	05/02/2017	22:51:00	05/03/2017	12:36:00	13.75	0	0000	UNKN	RESERVE SHUTDOWN
65	Reserve Shutdown	05/03/2017	19:43:00	05/04/2017	12:00:00	16.28	0	0000	UNKN	RESERVE SHUTDOWN
66	Reserve Shutdown	05/04/2017	21:13:00	05/05/2017	06:28:00	9.25	0	0000	UNKN	RESERVE SHUTDOWN
67	Reserve Shutdown	05/05/2017	22:27:00	05/07/2017	11:30:00	37.05	0	0000	UNKN	RESERVE SHUTDOWN
68	Reserve Shutdown	05/07/2017	23:18:00	05/08/2017	12:58:00	13.67	0	0000	UNKN	RESERVE SHUTDOWN
69	Reserve Shutdown	05/08/2017	19:45:00	05/09/2017	13:19:00	17.57	0	0000	UNKN	RESERVE SHUTDOWN
70	Reserve Shutdown	05/09/2017	22:03:00	05/10/2017	12:36:00	14.55	0	0000	UNKN	RESERVE SHUTDOWN
71	Reserve Shutdown	05/10/2017	21:03:00	05/11/2017	12:47:00	15.73	0	0000	UNKN	RESERVE SHUTDOWN
72	Reserve Shutdown	05/11/2017	21:13:00	05/12/2017	12:14:00	15.02	0	0000	UNKN	RESERVE SHUTDOWN
73	Reserve Shutdown	05/12/2017	19:17:00	05/15/2017	06:20:00	59.05	0	0000	UNKN	RESERVE SHUTDOWN
74	Maintenance Outage	05/15/2017	06:21:00	05/15/2017	21:00:00	14.65	0	6299	COMB	Unit 2 steam turbine turning gear repair. Simple cycle
75	Reserve Shutdown	05/15/2017	21:01:00	05/16/2017	19:05:00	22.07	0	0000	UNKN	RESERVE SHUTDOWN
76	Reserve Shutdown	05/17/2017	22:30:00	05/18/2017	08:45:00	10.25	0	0000	UNKN	RESERVE SHUTDOWN
77	Reserve Shutdown	05/18/2017	23:15:00	05/19/2017	10:42:00	11.45	0	0000	UNKN	RESERVE SHUTDOWN
78	Reserve Shutdown	05/20/2017	00:12:00	05/20/2017	10:59:00	10.78	0	0000	UNKN	RESERVE SHUTDOWN
79	Reserve Shutdown	05/20/2017	21:27:00	05/21/2017	10:43:00	13.27	0	0000	UNKN	RESERVE SHUTDOWN
80	Reserve Shutdown	05/21/2017	18:52:00	05/22/2017	06:33:00	11.68	0	0000	UNKN	RESERVE SHUTDOWN
81	Reserve Shutdown	05/22/2017	20:49:00	05/27/2017	02:49:00	102	0	0000	UNKN	RESERVE SHUTDOWN
82	Maintenance Outage	05/27/2017	02:50:00	05/27/2017	10:07:00	7.28	0	5041	GAST	2D CT Fuel gas piping gaskets R/R.
83	Reserve Shutdown	05/27/2017	10:08:00	05/28/2017	14:00:00	27.87	0	0000	UNKN	RESERVE SHUTDOWN
84	Reserve Shutdown	05/28/2017	19:11:00	05/29/2017	13:37:00	18.43	0	0000	UNKN	RESERVE SHUTDOWN
85	Reserve Shutdown	05/29/2017	21:07:00	05/30/2017	12:38:00	15.52	0	0000	UNKN	RESERVE SHUTDOWN
86	Reserve Shutdown	05/30/2017	21:04:00	05/31/2017	11:19:00	14.25	0	0000	UNKN	RESERVE SHUTDOWN
87	Reserve Shutdown	05/31/2017	21:46:00	05/31/2017	23:59:00	2.22	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 Communtated 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
HRSG	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		