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March 27, 2017

ELECTRONIC FILING

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

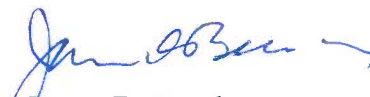
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor; FPSC Docket No. 170001-EI

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 February 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 27th day of March 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											99.3
2. PH	744	672											1416
3. SH	739.1	672.0											1411.1
4. RSH	0.0	0.0											0.0
5. UH	4.9	0.0											4.9
6. POH	0.0	0.0											0.0
7. FOH	4.9	0.0											4.9
8. MOH	0.0	0.0											0.0
9. PFOH	12.2	12.4											24.6
10. LR PF (MW)	47.0	67.5											57.3
11. PMOH	5.4	2.1											7.5
12. LR PM (MW)	47.0	228.5											97.7
13. NSC (MW)	395	395											395
14. OPR BTU(GBTU)	2174.4504	1909.7752											4084.2256
15. NET GEN (MWH)	202470	167343											369813
16. ANOHR (BTU/KWH)	10740	11412											11044
17. NOF (%)	69.4	63.0											66.3
18. NPC (MW)	395	395											395
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											75.8
2. PH	744	672											1416
3. SH	583.1	583.0											1166.1
4. RSH	24.5	0.0											24.5
5. UH	136.4	89.0											225.4
6. POH	0.0	0.0											0.0
7. FOH	73.4	89.0											162.4
8. MOH	63.0	0.0											63.0
9. PFOH	293.7	572.9											866.6
10. LR PF (MW)	66.3	44.4											51.8
11. PMOH	0.3	5.7											6.0
12. LR PM (MW)	206.9	200.5											200.9
13. NSC (MW)	395	395											395
14. OPR BTU(GBTU)	1868.6660	1687.6119											3556.2779
15. NET GEN (MWH)	170150	152752											322902
16. ANOHR (BTU/KWH)	10982	11048											11013
17. NOF (%)	73.9	66.3											70.1
18. NPC (MW)	395	395											395
19. ANOHR EQUATION	ANOHR = NOF (-5.963) + 11,063												

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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											77.0
2. PH	744	672											1416
3. SH	496.5	218.0											714.5
4. RSH	85.4	333.0											418.4
5. UH	162.1	121.0											283.1
6. POH	0.0	121.0											121.0
7. FOH	162.1	0.0											162.1
8. MOH	0.0	0.0											0.0
9. PFOH	222.2	218.0											440.2
10. LR PF (MW)	38.7	29.4											34.1
11. PMOH	8.3	0.0											8.3
12. LR PM (MW)	211.8	0.0											211.8
13. NSC (MW)	400	400											400
14. OPR BTU(GBTU)	1586.7295	485.7866											2072.5161
15. NET GEN (MWH)	151724	50703											202427
16. ANOHR BTU/KWH	10458	9581											10238
17. NOF (%)	76.4	58.1											70.8
18. NPC (MW)	400	400											400
19. ANOHR EQUATION	ANOHR = NOF (-6.885) + 11,168												

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ACTUAL UNIT PERFORMANCE DATA

JANUARY 2017 - DECEMBER 2017

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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											70.9
2. PH	744	672											1416
3. SH	443.6	582.3											1025.9
4. RSH	92.5	19.9											112.4
5. UH	207.9	69.8											277.7
6. POH	0.0	0.0											0.0
7. FOH	207.9	69.8											277.7
8. MOH	0.0	0.0											0.0
9. PFOH	409.3	121.9											531.2
10. LR PF (MW)	99.1	100.7											99.5
11. PMOH	23.7	7.9											31.5
12. LR PM (MW)	190.8	227.0											199.8
13. NSC (MW)	442	442											442
14. OPR BTU(GBTU)	1421.8362	1988.2765											3410.1126
15. NET GEN (MWH)	135022	190073											325095
16. ANOHR BTU/KWH	10530	10461											10490
17. NOF (%)	68.9	73.9											71.7
18. NPC (MW)	442	442											442
19. ANOHR EQUATION	ANOHR = NOF (-4.982) + 10,856												

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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											99.7
2. PH	744	672											1416
3. SH	744.0	667.1											1411.1
4. RSH	0.0	0.0											0.0
5. UH	0.0	4.9											4.9
6. POH	0.0	0.0											0.0
7. FOH	0.0	4.9											4.9
8. MOH	0.0	0.0											0.0
9. PFOH	0.0	0.0											0.0
10. LR PF (MW)	0.0	0.0											0.0
11. PMOH	0.0	0.0											0.0
12. LR PM (MW)	0.0	0.0											0.0
13. NSC (MW)	220	220											220
14. OPR BTU(GBTU)	1565.3848	1450.1380											3015.5228
15. NET GEN (MWH)	155821	143609											299430
16. ANOHR BTU/KWH	10046	10098											10071
17. NOF (%)	95.2	97.9											96.5
18. NPC (MW)	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											89.9
2. PH	744	672											1416
3. SH	744.0	462.9											1206.9
4. RSH	0.0	204.8											204.8
5. UH	0.0	4.3											4.3
6. POH	0.0	1.3											1.3
7. FOH	0.0	0.0											0.0
8. MOH	0.0	3.0											3.0
9. PFOH	37.2	4.1											41.2
10. LR PF (MW)	264.0	264.0											264.0
11. PMOH	7.8	369.1											376.9
12. LR PM (MW)	264.0	264.0											264.0
13. NSC (MW)	792	792											792
14. OPR BTU(GBTU)	1578.1580	970.4530											2548.6110
15. NET GEN (MWH)	197576	119609											317185
16. ANOHR (BTU/KWH)	7988	8114											8035
17. NOF (%)	33.5	32.6											33.2
18. NPC (MW)	792	792											792
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	46.3											56.3
2. PH	744	672											1416
3. SH	527.1	298.7											825.8
4. RSH	0.0	42.3											42.3
5. UH	216.9	331.0											547.9
6. POH	216.9	312.3											529.2
7. FOH	0.0	18.7											18.7
8. MOH	0.0	0.0											0.0
9. PFOH	14.7	67.9											82.6
10. LR PF (MW)	261.8	104.5											132.5
11. PMOH	150.4	91.2											241.6
12. LR PM (MW)	261.8	261.8											261.8
13. NSC (MW)	1047	1047											1047
14. OPR BTU(GBTU)	1250.4170	1166.1780											2416.5950
15. NET GEN (MWH)	157433	146101											303534
16. ANOHR (BTU/KWH)	7943	7982											7962
17. NOF (%)	28.5	46.7											35.1
18. NPC (MW)	1047	1047											1047
19. ANOHR EQUATION	ANOHR = NOF (-7.777) + 7,937												

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**Tampa Electric Company
Outage Listing
(02/01/2017 - 02/28/2017)**

Unit:		BIG BEND 1		MDC:		420		Run Date:		3/10/2017	
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	
11	Noncurtailing	01/25/2017	10:00:00	02/01/2017	04:40:00	4.67	300	0310	BLR	C Pulverizer trunnion crack. Natural gas available.	
12	Partial Forced Delayed	02/01/2017	04:40:00	02/01/2017	14:05:00	9.42	370	0313	BLR	C Pulverizer trunnion crack & A Pulverizer trunnion seal	
13	Partial Maintenance	02/03/2017	00:35:00	02/03/2017	01:00:00	0.42	185	4268	TURB	Main Turbine valve testing	
14	Partial Maintenance	02/09/2017	00:10:00	02/09/2017	01:00:00	0.83	180	4268	TURB	Main Turbine valve testing	
15	Partial Forced Immed	02/09/2017	17:20:00	02/09/2017	20:20:00	3	280	8551	POLL	Particulate matter limit.	
16	Noncurtailing	02/17/2017	07:35:00	02/17/2017	12:00:00	4.42	300	8499	POLL	FGD Removal efficiency limits. Natural gas available bu	
17	Partial Maintenance	02/22/2017	02:17:00	02/22/2017	03:07:00	0.83	170	4268	TURB	Main Turbine valve testing	
18	Noncurtailing	02/26/2017	18:45:00	02/26/2017	20:15:00	1.5	210	0340	BLR	Mill peaking	

**Tampa Electric Company
Outage Listing
(02/01/2017 - 02/28/2017)**

Unit:		BIG BEND 2		MDC:		420		Run Date:		3/10/2017	
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	
31	Partial Forced Immed	01/31/2017	06:00:00	02/01/2017	01:20:00	1.33	385	8812	NOx	High differential pressure indication across catalyst	
32	Partial Maintenance	02/01/2017	01:20:00	02/01/2017	01:40:00	0.33	200	4268	TURB	Main Turbine valve testing	
33	Partial Forced Immed	02/01/2017	01:40:00	02/01/2017	23:50:00	22.17	385	8812	NOx	High differential pressure indication across catalyst	
34	Planned Derating	02/01/2017	23:50:00	02/02/2017	04:00:00	4.17	210	3270	BLPT	A Debris filter discharge valve replacement	
35	Partial Forced Immed	02/02/2017	04:00:00	02/08/2017	00:35:00	140.58	385	8812	NOx	High differential pressure indication across catalyst	
36	Partial Maintenance	02/08/2017	00:35:00	02/08/2017	01:05:00	0.5	180	4268	TURB	Main Turbine valve testing	
37	Partial Forced Immed	02/08/2017	01:05:00	02/08/2017	11:30:00	10.42	385	8812	NOx	High differential pressure indication across catalyst	
38	Partial Forced Immed	02/08/2017	11:30:00	02/08/2017	13:50:00	2.33	360	8812	NOx	High differential pressure indication across catalyst	
39	Partial Forced Immed	02/08/2017	13:50:00	02/08/2017	19:00:00	5.17	365	8812	NOx	High differential pressure indication across catalyst	
40	Partial Forced Immed	02/08/2017	19:00:00	02/09/2017	07:30:00	12.5	375	8812	NOx	High differential pressure indication across catalyst	
41	Partial Forced Immed	02/09/2017	07:30:00	02/10/2017	00:01:00	16.52	370	8812	NOx	High differential pressure indication across catalyst	
42	Partial Forced Immed	02/10/2017	00:01:00	02/13/2017	20:00:00	91.98	375	8812	NOx	High differential pressure indication across catalyst	
43	Partial Forced Immed	02/13/2017	20:00:00	02/14/2017	18:15:00	22.25	370	8812	NOx	High differential pressure indication across catalyst	
44	Partial Forced Immed	02/14/2017	18:15:00	02/15/2017	00:20:00	6.08	375	8812	NOx	High differential pressure indication across catalyst	
45	Partial Maintenance	02/15/2017	00:20:00	02/15/2017	01:00:00	0.67	210	4268	TURB	Main Turbine valve testing	
46	Partial Forced Immed	02/15/2017	01:00:00	02/17/2017	07:35:00	54.58	375	8812	NOx	High differential pressure indication across catalyst	
47	Noncurtailing	02/17/2017	07:35:00	02/17/2017	08:00:00	0.42	300	8499	POLL	FGD Removal efficiency limits. Natural gas available bu	
48	Noncurtailing	02/17/2017	08:00:00	02/17/2017	12:00:00	4	330	8499	POLL	FGD Removal efficiency limits. Natural gas available bu	
49	Partial Forced Immed	02/17/2017	12:00:00	02/18/2017	21:15:00	33.25	375	8812	NOx	High differential pressure indication across catalyst	
50	Partial Forced Immed	02/18/2017	21:15:00	02/23/2017	21:23:00	120.13	360	8812	NOx	High differential pressure across catalyst. C Mill locked	
51	Partial Forced Immed	02/23/2017	21:23:00	02/24/2017	15:00:00	17.62	355	8812	NOx	High differential pressure across catalyst. C Mill locked	
52	Partial Forced Immed	02/24/2017	15:00:00	02/25/2017	07:00:00	16	340	8812	NOx	High differential pressure across catalyst. C Mill locked	
53	Full Forced Delayed	02/25/2017	07:00:00	03/02/2017	03:00:00	89	0	1050	BLR	Boiler tube leak	

**Tampa Electric Company
Outage Listing
(02/01/2017 - 02/28/2017)**

Unit:		BIG BEND 3		MDC:		425		Run Date:		3/10/2017	
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	
13	Partial Forced Immed	01/31/2017	07:52:00	02/01/2017	09:00:00	9	380	4260	TURB	Turbine main steam stop valve strainer high differential	
14	Partial Forced Immed	02/01/2017	09:00:00	02/01/2017	13:00:00	4	365	4260	TURB	Turbine main steam stop valve strainer high differential	
15	Partial Forced Immed	02/01/2017	13:00:00	02/08/2017	15:00:00	170	400	4260	TURB	Turbine main steam stop valve strainer high differential	
16	Partial Forced Immed	02/08/2017	15:00:00	02/10/2017	02:02:00	35.03	370	1470	BLR	ID Fan high vibration	
17	Reserve Shutdown	02/10/2017	02:02:00	02/23/2017	23:00:00	332.97	0	0000	UNKN	RESERVE SHUTDOWN	
18	Planned Outage	02/23/2017	23:00:00	03/08/2017	20:30:00	121	0	8812	NOx	Catalyst replacement	

**Tampa Electric Company
Outage Listing
(02/01/2017 - 02/28/2017)**

Unit:		BIG BEND 4		MDC:		475		Run Date:		3/10/2017	
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	Partial Forced Immed	01/28/2017	23:40:00	02/02/2017	23:12:00	47.2	225	0260	BLR	B Primary Air fan unavailable due to high vibration trout	
18	Full Forced Delayed	02/02/2017	23:12:00	02/05/2017	21:00:00	69.8	0	1000	BLR	Waterwall tube leak	
19	Reserve Shutdown	02/05/2017	21:00:00	02/06/2017	16:54:00	19.9	0	0000	UNKN	Reserve shutdown	
21	Partial Forced Immed	02/08/2017	13:30:00	02/08/2017	17:00:00	3.5	460	1470	BLR	ID Fans have high vibration indications	
22	Partial Maintenance	02/12/2017	01:15:00	02/12/2017	02:00:00	0.75	225	4268	TURB	Main Turbine valve testing	
23	Partial Forced Immed	02/14/2017	01:10:00	02/14/2017	11:38:00	10.47	460	3410	BLPT	BFP Thrust position limit	
24	Partial Forced Immed	02/14/2017	11:38:00	02/14/2017	14:15:00	2.62	450	3410	BLPT	BFP Thrust position limit	
25	Partial Forced Immed	02/14/2017	14:15:00	02/14/2017	16:20:00	2.08	460	3410	BLPT	BFP Thrust position limit	
26	Noncurtailing	02/18/2017	01:18:00	02/18/2017	12:30:00	11.2	400	0340	BLR	C Mill locked out (inspection) & A Mill discharge valves	
27	Partial Maintenance	02/19/2017	00:35:00	02/19/2017	01:25:00	0.83	225	4268	TURB	Main Turbine valve testing	
28	Partial Forced Immed	02/21/2017	14:30:00	02/22/2017	03:15:00	12.75	460	1455	BLR	A and B ID Fans have high vibration	
29	Partial Forced Immed	02/22/2017	03:15:00	02/22/2017	05:00:00	1.75	455	1455	BLR	A and B ID Fans have high vibration	
30	Partial Forced Immed	02/22/2017	05:00:00	02/22/2017	09:30:00	4.5	450	1455	BLR	A and B ID Fans have high vibration	
31	Noncurtailing	02/23/2017	09:00:00	02/23/2017	12:45:00	3.75	455	4279	TURB	Main Turbine N2 packing testing	
32	Planned Derating	02/24/2017	23:55:00	02/25/2017	04:50:00	4.92	225	3230	BLPT	D Condenser outlet waterbox vacuum breaker repair	
33	Partial Maintenance	02/26/2017	00:13:00	02/26/2017	01:35:00	1.37	260	4268	TURB	Main Turbine valve testing	
34	Partial Forced Immed	02/27/2017	11:00:00	03/01/2017	08:00:00	37	455	1170	BLR	High APH outlet temperature indications.Suspect backp	

**Tampa Electric Company
Outage Listing
(02/01/2017 - 02/28/2017)**

Unit:		POLK 1		MDC:		290		Run Date:		3/10/2017	
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	
2	Noncurtailing	01/01/2017	12:32:00	01/01/2018	00:00:00	672	0	5079	GAST	Flame instability between 100 - 145MW's on gas	
5	Partial Forced Immed	02/15/2017	17:14:00	02/16/2017	19:55:00	26.68	200	5049	GAST	AA DCS Card in IO 6 failed, gasifier tripped	
6	Full Forced Immed	02/28/2017	18:38:00	02/28/2017	23:35:00	4.95	0	5190	GAST	Compartment Fire protection damper shut, caused IGV	

**Tampa Electric Company
Outage Listing
(02/01/2017 - 02/28/2017)**

Unit:		BAYSIDE ST1		MDC:		246		Run Date:		3/10/2017	
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	
1	Reserve Shutdown	02/16/2017	22:55:00	02/25/2017	11:44:00	204.82	0	0000	UNKN	RESERVE SHUTDOWN	
2	Maintenance Outage	02/25/2017	11:45:00	02/25/2017	14:46:00	3.02	0	4302	TURB	Pre-outage trip test	
3	Planned Outage	02/28/2017	22:43:00	02/28/2017	23:59:00	1.27	0	5260	GAST	Unit 1 spring 2017 outage - major CT overhaul	

**Tampa Electric Company
Outage Listing
(02/01/2017 - 02/28/2017)**

Unit: BAYSIDE CT1A MDC: 185 Run Date: 3/10/2017

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
11	Reserve Shutdown	02/02/2017	08:26:00	02/02/2017	15:44:00	7.3	0	0000	UNKN RESERVE SHUTDOWN	
12	Reserve Shutdown	02/03/2017	22:44:00	02/04/2017	04:37:00	5.88	0	0000	UNKN RESERVE SHUTDOWN	
13	Full Forced Immed	02/04/2017	04:38:00	02/04/2017	08:42:00	4.07	0	3832	BLPT	Failure of 1A-FWS-V231 HP Feedwater Valve. Gear H
14	Reserve Shutdown	02/04/2017	08:43:00	02/04/2017	09:44:00	1.02	0	0000	UNKN RESERVE SHUTDOWN	
15	Reserve Shutdown	02/04/2017	22:31:00	02/05/2017	11:06:00	12.58	0	0000	UNKN RESERVE SHUTDOWN	
16	Reserve Shutdown	02/05/2017	23:25:00	02/06/2017	07:44:00	8.32	0	0000	UNKN RESERVE SHUTDOWN	
17	Reserve Shutdown	02/06/2017	20:54:00	02/07/2017	05:15:00	8.35	0	0000	UNKN RESERVE SHUTDOWN	
18	Reserve Shutdown	02/07/2017	21:56:00	02/08/2017	05:35:00	7.65	0	0000	UNKN RESERVE SHUTDOWN	
19	Reserve Shutdown	02/08/2017	22:21:00	02/10/2017	22:59:00	48.63	0	0000	UNKN RESERVE SHUTDOWN	
20	Maintenance Outage	02/10/2017	23:00:00	02/11/2017	03:54:00	4.9	0	3832	BLPT	LSL repairs to 1A-FWS-V202 HP Main Feedwater Cont
21	Reserve Shutdown	02/11/2017	03:55:00	02/12/2017	13:35:00	33.67	0	0000	UNKN RESERVE SHUTDOWN	
22	Reserve Shutdown	02/13/2017	23:22:00	02/14/2017	07:36:00	8.23	0	0000	UNKN RESERVE SHUTDOWN	
23	Reserve Shutdown	02/14/2017	23:16:00	02/26/2017	08:36:00	273.33	0	0000	UNKN RESERVE SHUTDOWN	
24	Planned Outage	02/28/2017	23:56:00	02/28/2017	23:59:00	0.05	0	5260	GAST	Unit 1 spring 2017 outage - major CT overhaul

**Tampa Electric Company
Outage Listing
(02/01/2017 - 02/28/2017)**

Unit: BAYSIDE CT1B MDC: 185 Run Date: 3/10/2017

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
18	Reserve Shutdown	02/01/2017	00:00:00	02/01/2017	04:33:00	4.55	0	0000	UNKN RESERVE SHUTDOWN	
19	Reserve Shutdown	02/01/2017	23:01:00	02/02/2017	05:59:00	6.97	0	0000	UNKN RESERVE SHUTDOWN	
20	Reserve Shutdown	02/02/2017	22:39:00	02/03/2017	12:09:00	13.5	0	0000	UNKN RESERVE SHUTDOWN	
21	Reserve Shutdown	02/12/2017	21:43:00	02/13/2017	07:53:00	10.17	0	0000	UNKN RESERVE SHUTDOWN	
22	Reserve Shutdown	02/16/2017	22:55:00	02/25/2017	05:59:00	199.07	0	0000	UNKN RESERVE SHUTDOWN	
23	Reserve Shutdown	02/26/2017	21:36:00	02/26/2017	22:03:00	0.45	0	0000	UNKN RESERVE SHUTDOWN	
24	Planned Outage	02/26/2017	22:04:00	02/28/2017	23:59:00	49.92	0	5260	GAST Unit 1 spring 2017 outage - major CT overhaul	

**Tampa Electric Company
Outage Listing
(02/01/2017 - 02/28/2017)**

Unit: BAYSIDE CT1C MDC: 185 Run Date: 3/10/2017

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
1	Reserve Shutdown	01/01/2017	00:00:00	02/15/2017	19:09:00	355.15	0	0000	UNKN	RESERVE SHUTDOWN
3	Planned Outage	02/15/2017	19:09:00	03/01/2017	00:00:00	316.85	0	5260	GAST	Unit 1 spring 2017 outage - major CT overhaul

**Tampa Electric Company
Outage Listing
(02/01/2017 - 02/28/2017)**

Unit: BAYSIDE ST2 MDC: 318 Run Date: 3/10/2017

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
4	Planned Outage	02/01/2017	00:00:00	02/14/2017	00:15:00	312.25	0	3803	BLPT	Planned 2017 Spring Outage. Cooling tower maintenar
5	Startup Failure	02/15/2017	14:29:00	02/16/2017	09:13:00	18.73	0	4609	GEN	Trouble on the ST2 exciter. AVR would not allow unit to
6	Reserve Shutdown	02/16/2017	09:14:00	02/16/2017	13:16:00	4.03	0	0000	UNKN	RESERVE SHUTDOWN
10	Reserve Shutdown	02/14/2017	00:15:00	02/15/2017	14:29:00	38.23	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(02/01/2017 - 02/28/2017)**

Unit: BAYSIDE CT2A MDC: 185 Run Date: 3/10/2017

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
11	Planned Outage	02/01/2017	00:00:00	02/14/2017	21:55:00	333.92	0	5272	GAST	Planned 2017 Spring Outage. Borescope inspection an
12	Reserve Shutdown	02/14/2017	21:56:00	02/15/2017	14:28:00	16.53	0	0000	UNKN	RESERVE SHUTDOWN
13	Full Forced Immed	02/15/2017	14:29:00	02/16/2017	09:13:00	18.73	0	4609	GEN	Trouble on the ST2 exciter.
14	Reserve Shutdown	02/16/2017	09:14:00	02/17/2017	15:15:00	30.02	0	0000	UNKN	RESERVE SHUTDOWN
15	Full Forced Immed	02/17/2017	15:24:00	02/17/2017	15:28:00	0.07	0	4750	GEN	Megawatt transducer failure caused a Full Speed No Lo
16	Full Forced Immed	02/20/2017	18:28:00	02/20/2017	18:30:00	0.03	0	5016	GAST	Full Speed No Load event due to failure of #3 Compres:
17	Reserve Shutdown	02/20/2017	19:43:00	02/22/2017	05:39:00	33.93	0	0000	UNKN	RESERVE SHUTDOWN
18	Reserve Shutdown	02/26/2017	23:26:00	02/27/2017	06:57:00	7.52	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(02/01/2017 - 02/28/2017)**

Unit: BAYSIDE CT2B MDC: 185 Run Date: 3/10/2017

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
13	Planned Outage	02/01/2017	00:00:00	02/14/2017	20:30:00	332.5	0	5272	GAST	Planned 2017 Spring Outage. Borescope inspection an
14	Reserve Shutdown	02/14/2017	20:31:00	02/15/2017	12:00:00	15.48	0	0000	UNKN	RESERVE SHUTDOWN
15	Full Forced Immed	02/15/2017	12:01:00	02/16/2017	15:15:00	27.23	0	5016	GAST	2B CT inlet bleed heat valve cracked
16	Reserve Shutdown	02/16/2017	15:16:00	02/20/2017	19:35:00	100.32	0	0000	UNKN	RESERVE SHUTDOWN
17	Reserve Shutdown	02/21/2017	22:46:00	02/24/2017	09:05:00	58.32	0	0000	UNKN	RESERVE SHUTDOWN
18	Full Forced Immed	02/24/2017	09:14:00	02/24/2017	09:28:00	0.23	0	3899	BLPT	lp drum fw reg. did not respond to low drum level

**Tampa Electric Company
Outage Listing
(02/01/2017 - 02/28/2017)**

Unit: BAYSIDE CT2C MDC: 185 Run Date: 3/10/2017

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
9	Planned Outage	02/01/2017	00:00:00	02/14/2017	19:40:00	331.67	0	5272	GAST	Planned 2017 Spring Outage. Borescope inspection an
10	Reserve Shutdown	02/14/2017	19:41:00	02/15/2017	14:28:00	18.78	0	0000	UNKN	RESERVE SHUTDOWN
11	Full Forced Immed	02/15/2017	14:29:00	02/16/2017	09:13:00	18.73	0	4609	GEN	Trouble on the ST2 exciter.
12	Reserve Shutdown	02/16/2017	09:14:00	02/19/2017	15:18:00	78.07	0	0000	UNKN	RESERVE SHUTDOWN
13	Full Forced Immed	02/19/2017	18:07:00	02/19/2017	18:37:00	0.5	0	3832	BLPT	Controls problem with the IP Feedwater Startup Valve.
14	Reserve Shutdown	02/19/2017	18:38:00	02/20/2017	12:41:00	18.05	0	0000	UNKN	RESERVE SHUTDOWN
15	Reserve Shutdown	02/20/2017	20:52:00	02/21/2017	14:55:00	18.05	0	0000	UNKN	RESERVE SHUTDOWN
16	Reserve Shutdown	02/25/2017	22:12:00	02/26/2017	01:29:00	3.28	0	0000	UNKN	RESERVE SHUTDOWN
17	Maintenance Outage	02/26/2017	01:30:00	02/26/2017	11:59:00	10.48	0	3899	BLPT	IBH piping weld repair
18	Reserve Shutdown	02/26/2017	12:00:00	02/26/2017	13:24:00	1.4	0	0000	UNKN	RESERVE SHUTDOWN
19	Reserve Shutdown	02/26/2017	22:31:00	02/27/2017	05:36:00	7.08	0	0000	UNKN	RESERVE SHUTDOWN
20	Reserve Shutdown	02/28/2017	23:50:00	02/28/2017	23:59:00	0.15	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(02/01/2017 - 02/28/2017)**

Unit:		BAYSIDE CT2D		MDC:		185		Run Date:		3/10/2017	
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	
10	Planned Outage	02/01/2017	00:00:00	02/14/2017	19:40:00	331.67	0	5272	GAST	Planned 2017 Spring Outage. Borescope inspection an	
11	Reserve Shutdown	02/14/2017	19:41:00	02/15/2017	00:37:00	4.93	0	0000	UNKN	RESERVE SHUTDOWN	
12	Full Forced Immed	02/15/2017	01:32:00	02/15/2017	01:35:00	0.05	0	3984	BLPT	2D HRSG LP drum level went triple high due to level co	
13	Full Forced Immed	02/15/2017	03:14:00	02/15/2017	03:15:00	0.02	0	3984	BLPT	2D HRSG IP drum level went triple high due to controlle	
14	Full Forced Immed	02/15/2017	14:29:00	02/16/2017	09:13:00	18.73	0	4609	GEN	Trouble on the ST2 exciter. Ran out of non-compliance	
15	Reserve Shutdown	02/17/2017	23:22:00	02/21/2017	15:52:00	88.5	0	0000	UNKN	RESERVE SHUTDOWN	
16	Reserve Shutdown	02/24/2017	23:54:00	02/25/2017	08:30:00	8.6	0	0000	UNKN	RESERVE SHUTDOWN	
17	Reserve Shutdown	02/27/2017	22:25:00	02/28/2017	05:38:00	7.22	0	0000	UNKN	RESERVE SHUTDOWN	
18	Reserve Shutdown	02/28/2017	21:34:00	02/28/2017	23:59:00	2.42	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		