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April 25, 2016

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. 160001-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 March 2016.

Thank you for your assistance in connection with this matter.

Sincerely,


Ashley M. Daniels

AMD/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 April, 2016 to the following:

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ATTORNEY

ORIGINAL SHEET NO. 8.401.16A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

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 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	2016
1. EAF (%)	48.0	77.4	91.8										72.3
2. PH	744	696	743										2183
3. SH	364.7	569.8	683.5										1618.0
4. RSH	0.0	0.0	0.0										0.0
5. UH	379.3	126.2	59.5										565.0
6. POH	0.0	0.0	0.0										0.0
7. FOH	379.3	126.2	59.5										565.0
8. MOH	0.0	0.0	0.0										0.0
9. PFOH	30.9	94.0	15.9										140.8
10. LR PF (MW)	94.0	131.7	23.5										111.2
11. PMOH	0.0	0.3	1.0										1.3
12. LR PM (MW)	0.0	206.9	214.4										212.7
13. NSC (MW)	395	395	395										395
14. OPR BTU(GBTU)	894.2913	1684.8736	1958.0597										4537.2246
15. NET GEN (MWH)	82135	157430	181868										421433
16. ANOHR (BTU/KWH)	10888	10702	10766										10766
17. NOF (%)	57.0	69.9	67.4										65.9
18. NPC (MW)	395	395	395										395
19. ANOHR EQUATION	ANOHR = NOF		(-16.86) + (12,219)										

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TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

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 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	
BIG BEND 2													2016
1. EAF (%)	76.7	8.4	68.3										52.1
2. PH	744	696	743										2183
3. SH	595.3	59.5	570.0										1224.8
4. RSH	0.0	0.0	0.0										0.0
5. UH	148.7	636.5	173.0										958.2
6. POH	0.0	0.0	173.0										173.0
7. FOH	148.7	636.5	0.0										785.2
8. MOH	0.0	0.0	0.0										0.0
9. PFOH	220.2	20.0	519.3										759.5
10. LR PF (MW)	31.3	21.9	43.0										39.0
11. PMOH	144.3	0.0	50.7										194.9
12. LR PM (MW)	19.5	0.0	45.9										26.3
13. NSC (MW)	395	395	395										395
14. OPR BTU(GBTU)	1571.2504	211.3306	1598.3878										3380.9688
15. NET GEN (MWH)	138943	18535	144508										301986
16. ANOHR (BTU/KWH)	11309	11402	11061										11196
17. NOF (%)	59.1	78.9	64.2										62.4
18. NPC (MW)	395	395	395										395
19. ANOHR EQUATION	ANOHR = NOF	(-21.73)	+ (12,462)										

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ORIGINAL SHEET NO. 8.401.16A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

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 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	
BIG BEND 3													2016
1. EAF (%)	37.8	11.3	53.5										34.7
2. PH	744	696	743										2183
3. SH	201.7	173.0	660.2										1034.9
4. RSH	176.3	0.0	71.5										247.8
5. UH	366.0	537.5	11.3										914.8
6. POH	313.0	537.5	0.0										850.5
7. FOH	53.0	0.0	0.0										53.0
8. MOH	0.0	0.0	11.3										11.3
9. PFOH	145.2	158.5	660.2										963.8
10. LR PF (MW)	266.6	202.4	202.4										212.0
11. PMOH	0.0	0.0	0.0										0.0
12. LR PM (MW)	0.0	0.0	0.0										0.0
13. NSC (MW)	400	400	400										400
14. OPR BTU(GBTU)	405.2481	234.3710	1060.7180										1700.3371
15. NET GEN (MWH)	34135	21494	100847										156476
16. ANOHR BTU/KWH	11872	10904	10518										10866
17. NOF (%)	42.3	31.1	38.2										37.8
18. NPC (MW)	400	400	400										400
19. ANOHR EQUATION	ANOHR = NOF	(-17.14)	+ (12,189)										

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JANUARY 2016 - DECEMBER 2016

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	JAN 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	
BIG BEND 4													2016
1. EAF (%)	92.7	73.4	62.3										76.2
2. PH	744	696	743										2183
3. SH	744.0	648.9	469.6										1862.5
4. RSH	0.0	0.0	0.0										0.0
5. UH	0.0	47.1	273.4										320.5
6. POH	0.0	47.1	273.4										320.5
7. FOH	0.0	0.0	0.0										0.0
8. MOH	0.0	0.0	0.0										0.0
9. PFOH	379.2	627.7	83.1										1090.1
10. LR PF (MW)	61.5	93.0	32.6										77.4
11. PMOH	4.5	10.9	1.4										16.8
12. LR PM (MW)	138.8	241.0	228.0										212.5
13. NSC (MW)	442	442	442										442
14. OPR BTU(GBTU)	2255.8865	1823.8952	1126.6380										5206.4198
15. NET GEN (MWH)	215861	178896	102685										497442
16. ANOHR BTU/KWH	10451	10195	10972										10466
17. NOF (%)	65.6	62.4	49.5										60.4
18. NPC (MW)	442	442	442										442
19. ANOHR EQUATION	ANOHR = NOF	(-13.92)	+ (11,725)										

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ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

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 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	2016
1. EAF (%)	100.0	92.3	84.0										92.1
2. PH	744	696	743										2183
3. SH	744.0	599.3	624.2										1967.6
4. RSH	0.0	42.8	0.0										42.8
5. UH	0.0	53.9	118.8										172.6
6. POH	0.0	0.0	0.0										0.0
7. FOH	0.0	38.0	118.8										156.8
8. MOH	0.0	15.9	0.0										15.9
9. PFOH	0.0	0.0	0.0										0.0
10. LR PF (MW)	0.0	0.0	0.0										0.0
11. PMOH	0.0	0.0	0.0										0.0
12. LR PM (MW)	0.0	0.0	0.0										0.0
13. NSC (MW)	220	220	220										220
14. OPR BTU(GBTU)	1618.4199	1269.9630	1403.1867										4291.5696
15. NET GEN (MWH)	169475	129181	137804										436460
16. ANOHR BTU/KWH	9550	9831	10182										9833
17. NOF (%)	103.5	98.0	100.3										100.8
18. NPC (MW)	220	220	220										220
19. ANOHR EQUATION	ANOHR = NOF	(-22.73)	+ (12,327)										

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ORIGINAL SHEET NO. 8.401.16A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

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 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	2016
1. EAF (%)	100.0	61.5	99.7										87.6
2. PH	744	696	743										2183
3. SH	744.0	444.6	743.0										1931.6
4. RSH	0.0	0.0	0.0										0.0
5. UH	0.0	251.4	0.0										251.4
6. POH	0.0	251.4	0.0										251.4
7. FOH	0.0	0.0	0.0										0.0
8. MOH	0.0	0.0	0.0										0.0
9. PFOH	0.2	0.1	7.1										7.4
10. LR PF (MW)	0.0	264.0	264.0										257.5
11. PMOH	0.0	49.3	0.0										49.3
12. LR PM (MW)	0.0	264.0	0.0										264.0
13. NSC (MW)	792	792	792										792
14. OPR BTU(GBTU)	2779.4750	1731.2720	2788.0910										7298.8380
15. NET GEN (MWH)	377266	231967	368785										978018
16. ANOHR (BTU/KWH)	7367	7463	7560										7463
17. NOF (%)	64.0	65.9	62.7										63.9
18. NPC (MW)	792	792	792										792
19. ANOHR EQUATION	ANOHR = NOF	(-12.11)	+ (8,099)										

ORIGINAL SHEET NO. 8.401.16A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

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 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	2016
1. EAF (%)	98.0	84.6	49.8										77.3
2. PH	744	696	743										2183
3. SH	744.0	647.6	487.8										1879.5
4. RSH	0.0	0.0	0.0										0.0
5. UH	0.0	48.4	255.2										303.5
6. POH	0.0	48.4	255.2										303.5
7. FOH	0.0	0.0	0.0										0.0
8. MOH	0.0	0.0	0.0										0.0
9. PFOH	0.3	10.3	52.3										62.8
10. LR PF (MW)	261.8	261.8	261.8										261.8
11. PMOH	58.6	224.5	478.0										761.1
12. LR PM (MW)	261.8	261.8	229.5										241.5
13. NSC (MW)	1047	1047	1047										1047
14. OPR BTU(GBTU)	3309.0280	3268.1750	1691.5940										8268.7970
15. NET GEN (MWH)	448880	437523	218662										1105065
16. ANOHR (BTU/KWH)	7372	7470	7736										7483
17. NOF (%)	57.6	64.5	42.8										56.2
18. NPC (MW)	1047	1047	1047										1047
19. ANOHR EQUATION	ANOHR = NOF	(-8.68) + (7,949)											

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**Tampa Electric Company
Outage Listing
(03/01/2016 - 03/31/2016)**

Unit: BIG BEND 1 MDC: 420 Run Date: 4/8/2016

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
14	Partial Forced Immed	03/01/2016	08:10:00	03/02/2016	00:01:00	15.85	395	8100	POLL	FGD Tower gas velocity limit
15	Partial Maintenance	03/02/2016	00:50:00	03/02/2016	01:09:00	0.32	200	4268	TURB	Main Turbine valve testing
16	Full Forced Immed	03/04/2016	16:10:00	03/07/2016	03:43:00	59.55	0	4283	TURB	Turbine oil piping separated in front standard
17	Noncurtailing	03/10/2016	17:00:00	03/11/2016	00:01:00	7.02	400	9620	RS&E	Stack particulate matter limit
18	Noncurtailing	03/11/2016	00:01:00	03/15/2016	18:00:00	112.98	410	9620	RS&E	Stack particulate matter limit
19	Partial Maintenance	03/16/2016	00:36:00	03/16/2016	00:52:00	0.27	200	4268	TURB	Main Turbine valve testing
20	Noncurtailing	03/21/2016	00:30:00	03/21/2016	02:30:00	2	275	0340	BLR	Mill peaking
21	Partial Maintenance	03/31/2016	00:13:00	03/31/2016	00:36:00	0.38	180	4268	TURB	Main Turbine valve testing
22	Noncurtailing	03/31/2016	14:25:00	04/06/2016	23:45:00	9.58	400	9620	RS&E	Stack particulate matter limit



**Tampa Electric Company
Outage Listing
(03/01/2016 - 03/31/2016)**

Unit: BIG BEND 2 MDC: 420 Run Date: 4/8/2016

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
14	Partial Forced Immed	02/29/2016	05:00:00	03/01/2016	08:10:00	8.17	400	1510	BLR	ID Fan suction pressure limit
15	Partial Forced Immed	03/01/2016	08:10:00	03/01/2016	13:30:00	5.33	390	8100	POLL	FGD Tower gas velocity limit
16	Partial Forced Immed	03/01/2016	13:30:00	03/02/2016	01:41:00	12.18	400	8100	POLL	FGD Tower gas velocity limit
17	Partial Maintenance	03/02/2016	01:41:00	03/02/2016	02:09:00	0.47	200	4268	TURB	Main Turbine valve testing
18	Partial Forced Immed	03/02/2016	02:09:00	03/06/2016	12:10:00	106.02	400	8299	POLL	FGD Inlet duct high pressure
19	Partial Forced Immed	03/06/2016	12:10:00	03/06/2016	14:15:00	2.08	280	1455	BLR	B ID Fan tripped on low suction pressure
20	Partial Forced Immed	03/06/2016	14:15:00	03/09/2016	13:48:00	71.55	390	8299	POLL	FGD Inlet duct high pressure
21	Partial Forced Immed	03/09/2016	13:48:00	03/10/2016	13:05:00	23.28	370	1455	BLR	B ID Fan bearings high vibration
22	Partial Forced Immed	03/10/2016	13:05:00	03/17/2016	01:34:00	155.48	360	1455	BLR	B ID Fan bearings high vibration
23	Partial Maintenance	03/17/2016	01:34:00	03/17/2016	02:27:00	0.88	200	4268	TURB	Main Turbine valve testing
24	Partial Forced Immed	03/17/2016	02:27:00	03/22/2016	17:40:00	135.22	360	1455	BLR	B ID Fan bearings high vibration
25	Planned Derating	03/22/2016	17:40:00	03/22/2016	21:55:00	4.25	405	0110	BLR	Emptied B1 bunker for upcoming Planned outage and
26	Planned Derating	03/22/2016	21:55:00	03/23/2016	18:12:00	20.28	385	0110	BLR	Emptied B2 bunker for upcoming Planned outage and
27	Planned Derating	03/23/2016	18:12:00	03/23/2016	21:25:00	3.22	320	0110	BLR	C mill bunkers emptied for upcoming outage and A mil
28	Planned Derating	03/23/2016	21:25:00	03/24/2016	19:00:00	21.58	370	0110	BLR	B and C mills out of service. Coal bunkers empty. Gas
29	Planned Outage	03/24/2016	19:00:00	01/01/2017	00:00:00	173	0	3975	BLPT	DCS upgrade

**Tampa Electric Company
Outage Listing
(03/01/2016 - 03/31/2016)**

Unit: BIG BEND 3 MDC: 425 Run Date: 4/8/2016

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
12	Partial Forced Immed	02/23/2016	09:31:00	03/19/2016	19:40:00	450.67	210	3210	BLPT	B Circulating water pump rebuild
13	Maintenance Outage	03/19/2016	19:40:00	03/20/2016	01:30:00	5.83	0	3412	BLPT	High pressure stop valve repair
14	Reserve Shutdown	03/20/2016	01:30:00	03/20/2016	09:30:00	8	0	0000	UNKN	RESERVE SHUTDOWN
15	Maintenance Outage	03/20/2016	09:30:00	03/20/2016	15:00:00	5.5	0	1488	BLR	APH air drive repair
16	Reserve Shutdown	03/20/2016	15:00:00	03/23/2016	06:29:00	63.48	0	0000	UNKN	RESERVE SHUTDOWN
17	Partial Forced Immed	03/23/2016	06:29:00	01/01/2017	00:00:00	209.52	210	3210	BLPT	B Circulating water pump rebuild

**Tampa Electric Company
Outage Listing
(03/01/2016 - 03/31/2016)**

Unit: BIG BEND 4 MDC: 475 Run Date: 4/8/2016

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
36	Planned Outage	02/28/2016	00:55:00	03/12/2016	09:22:00	273.37	0	8812	NOx	SCR catalyst changeout
38	Noncurtailing	03/12/2016	09:22:00	03/16/2016	06:00:00	91.63	170	1990	BLR	Boiler natural gas testing
39	Noncurtailing	03/16/2016	06:00:00	03/17/2016	14:00:00	32	180	1990	BLR	Boiler natural gas testing
40	Noncurtailing	03/17/2016	14:00:00	03/21/2016	20:10:00	102.17	190	1990	BLR	Boiler natural gas testing
41	Noncurtailing	03/21/2016	20:10:00	03/23/2016	17:00:00	44.83	300	1990	BLR	Performance testing
42	Partial Maintenance	03/27/2016	01:10:00	03/27/2016	02:33:00	1.38	230	4268	TURB	Main Turbine valve testing
43	Partial Forced Immed	03/28/2016	12:55:00	01/01/2017	00:00:00	83.08	440	3454	BLPT	Booster pump high vibration indication

**Tampa Electric Company
Outage Listing
(03/01/2016 - 03/31/2016)**

Unit: POLK 1 MDC: 290 Run Date: 4/8/2016

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	Partial Forced Immed	03/19/2016	15:00:00	03/25/2016	14:30:00	0.25	200	5049	GAST	Gasifier shutdown for HRSG Leak repair, COS Superh
9	Partial Forced Immed	03/19/2016	15:00:00	03/25/2016	14:30:00	118.78	200	5049	GAST	Gasifier shutdown for HRSG Leak repair, COS Superh
9	Partial Forced Immed	03/19/2016	15:00:00	03/25/2016	14:30:00	24.47	200	5049	GAST	Gasifier shutdown for HRSG Leak repair, COS Superh
10	Full Forced Delayed	03/19/2016	15:15:00	03/24/2016	14:02:00	118.78	0	6133	COMB	LP Economizer Piping Bellows repair

**Tampa Electric Company
Outage Listing
(03/01/2016 - 03/31/2016)**

Unit: BAYSIDE ST1 **MDC:** 246 **Run Date:** 4/8/2016

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
(03/01/2016 - 03/31/2016)**

Unit: BAYSIDE CT1A MDC: 185 Run Date: 4/8/2016

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
16	Reserve Shutdown	03/01/2016	00:00:00	03/01/2016	05:55:00	5.92	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
17	Reserve Shutdown	03/08/2016	22:23:00	03/09/2016	05:59:00	7.6	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
18	Reserve Shutdown	03/09/2016	22:38:00	03/10/2016	05:38:00	7	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
19	Reserve Shutdown	03/10/2016	22:52:00	03/11/2016	05:56:00	7.07	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
20	Reserve Shutdown	03/11/2016	19:47:00	03/12/2016	07:35:00	11.8	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
21	Reserve Shutdown	03/12/2016	21:19:00	03/13/2016	09:12:00	10.88	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
22	Reserve Shutdown	03/13/2016	22:12:00	03/14/2016	08:30:00	10.3	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
23	Reserve Shutdown	03/14/2016	22:50:00	03/15/2016	07:06:00	8.27	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
24	Reserve Shutdown	03/19/2016	05:13:00	03/20/2016	06:33:00	25.33	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
25	Reserve Shutdown	03/22/2016	21:33:00	03/23/2016	04:33:00	7	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
26	Reserve Shutdown	03/23/2016	22:15:00	03/24/2016	05:32:00	7.28	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
27	Reserve Shutdown	03/25/2016	01:04:00	03/26/2016	12:12:00	35.13	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
28	Reserve Shutdown	03/26/2016	22:32:00	03/27/2016	10:02:00	11.5	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
29	Reserve Shutdown	03/27/2016	23:59:00	03/28/2016	06:56:00	6.95	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
30	Reserve Shutdown	03/29/2016	00:04:00	03/29/2016	09:53:00	9.82	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
31	Reserve Shutdown	03/29/2016	22:11:00	03/30/2016	05:25:00	7.23	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
32	Reserve Shutdown	03/31/2016	00:09:00	03/31/2016	09:35:00	9.43	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(03/01/2016 - 03/31/2016)**

Unit: BAYSIDE CT1B MDC: 185 Run Date: 4/8/2016

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	03/12/2016	00:09:00	03/12/2016	08:51:00	8.7	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
19	Reserve Shutdown	03/12/2016	23:02:00	03/13/2016	10:37:00	10.58	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
20	Reserve Shutdown	03/14/2016	00:08:00	03/14/2016	10:16:00	10.13	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
21	Reserve Shutdown	03/14/2016	23:43:00	03/15/2016	09:16:00	9.55	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
22	Reserve Shutdown	03/15/2016	21:41:00	03/16/2016	04:58:00	7.28	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
23	Reserve Shutdown	03/16/2016	23:00:00	03/17/2016	08:50:00	9.83	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
24	Reserve Shutdown	03/17/2016	21:07:00	03/18/2016	06:36:00	9.48	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
25	Reserve Shutdown	03/18/2016	19:43:00	03/20/2016	09:05:00	37.37	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
26	Reserve Shutdown	03/21/2016	01:23:00	03/21/2016	09:37:00	8.23	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
27	Reserve Shutdown	03/24/2016	22:25:00	03/25/2016	08:04:00	9.65	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
28	Reserve Shutdown	03/25/2016	22:12:00	03/26/2016	09:10:00	10.97	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
29	Reserve Shutdown	03/28/2016	01:15:00	03/28/2016	10:00:00	8.75	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
30	Reserve Shutdown	03/29/2016	23:12:00	03/30/2016	11:49:00	12.62	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
31	Reserve Shutdown	03/31/2016	22:30:00	03/31/2016	23:59:00	1.48	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(03/01/2016 - 03/31/2016)**

Unit: BAYSIDE CT1C MDC: 185 Run Date: 4/8/2016

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	Reserve Shutdown	03/01/2016	00:00:00	03/01/2016	04:59:00	4.98	0	0000	UNKN RESERVE SHUTDOWN	
32	Reserve Shutdown	03/01/2016	21:57:00	03/02/2016	05:33:00	7.6	0	0000	UNKN RESERVE SHUTDOWN	
33	Reserve Shutdown	03/02/2016	22:35:00	03/03/2016	05:50:00	7.25	0	0000	UNKN RESERVE SHUTDOWN	
34	Reserve Shutdown	03/03/2016	22:03:00	03/04/2016	05:55:00	7.87	0	0000	UNKN RESERVE SHUTDOWN	
35	Reserve Shutdown	03/07/2016	00:08:00	03/07/2016	07:05:00	6.95	0	0000	UNKN RESERVE SHUTDOWN	
36	Reserve Shutdown	03/07/2016	22:28:00	03/08/2016	05:31:00	7.05	0	0000	UNKN RESERVE SHUTDOWN	
37	Reserve Shutdown	03/16/2016	00:51:00	03/16/2016	07:40:00	6.82	0	0000	UNKN RESERVE SHUTDOWN	
38	Reserve Shutdown	03/17/2016	01:36:00	03/17/2016	10:19:00	8.72	0	0000	UNKN RESERVE SHUTDOWN	
39	Reserve Shutdown	03/18/2016	01:06:00	03/18/2016	10:23:00	9.28	0	0000	UNKN RESERVE SHUTDOWN	
40	Reserve Shutdown	03/20/2016	23:10:00	03/21/2016	06:39:00	7.48	0	0000	UNKN RESERVE SHUTDOWN	
41	Full Forced Immed	03/21/2016	06:40:00	03/21/2016	13:48:00	7.13	0	5050	GAST	Failed ignitor. Replaced ignitor and cable.
42	Reserve Shutdown	03/21/2016	13:49:00	03/22/2016	05:33:00	15.73	0	0000	UNKN RESERVE SHUTDOWN	
43	Reserve Shutdown	03/22/2016	12:30:00	03/24/2016	10:21:00	45.85	0	0000	UNKN RESERVE SHUTDOWN	
44	Reserve Shutdown	03/31/2016	23:22:00	03/31/2016	23:59:00	0.62	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company
Outage Listing
(03/01/2016 - 03/31/2016)**

Unit: BAYSIDE ST2 **MDC:** 318 **Run Date:** 4/8/2016

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
3	Planned Outage	03/01/2016	00:00:00	03/01/2016	23:30:00	23.5	0	3111	COND	Planned 2016 Spring Outage. Condenser Blow and W
4	Planned Outage	03/01/2016	23:31:00	03/11/2016	15:13:00	231.7	0	4401	TURB	Planned 2016 Spring Outage. General Turbine Inspec

**Tampa Electric Company
Outage Listing
(03/01/2016 - 03/31/2016)**

Unit: BAYSIDE CT2A MDC: 185 Run Date: 4/8/2016

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	Planned Outage	03/01/2016	00:00:00	03/16/2016	18:10:00	377.17	0	5274	GAST	Planned 2016 Spring Outage. General Inspection and
24	Reserve Shutdown	03/16/2016	18:11:00	03/17/2016	05:45:00	11.57	0	0000	UNKN	RESERVE SHUTDOWN
25	Full Forced Immed	03/17/2016	09:15:00	03/18/2016	01:00:00	15.75	0	5272	GAST	Missing Borescope plug after outage caused unit to be
26	Reserve Shutdown	03/18/2016	01:01:00	03/18/2016	11:32:00	10.52	0	0000	UNKN	RESERVE SHUTDOWN
27	Full Forced Immed	03/18/2016	20:50:00	03/19/2016	03:03:00	6.22	0	3620	BLPT	2A CT GSU had oil pouring out of the top. Substation c
28	Reserve Shutdown	03/19/2016	03:04:00	03/19/2016	09:34:00	6.5	0	0000	UNKN	RESERVE SHUTDOWN
29	Reserve Shutdown	03/20/2016	00:56:00	03/20/2016	11:30:00	10.57	0	0000	UNKN	RESERVE SHUTDOWN
30	Reserve Shutdown	03/20/2016	22:01:00	03/21/2016	05:04:00	7.05	0	0000	UNKN	RESERVE SHUTDOWN
31	Reserve Shutdown	03/23/2016	00:40:00	03/23/2016	14:39:00	13.98	0	0000	UNKN	RESERVE SHUTDOWN
32	Reserve Shutdown	03/23/2016	23:02:00	03/24/2016	11:53:00	12.85	0	0000	UNKN	RESERVE SHUTDOWN
33	Reserve Shutdown	03/24/2016	21:06:00	03/25/2016	09:49:00	12.72	0	0000	UNKN	RESERVE SHUTDOWN
34	Reserve Shutdown	03/25/2016	19:14:00	03/26/2016	07:03:00	11.82	0	0000	UNKN	RESERVE SHUTDOWN
35	Reserve Shutdown	03/26/2016	23:30:00	03/27/2016	10:41:00	11.18	0	0000	UNKN	RESERVE SHUTDOWN
36	Reserve Shutdown	03/31/2016	21:46:00	03/31/2016	23:59:00	2.22	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(03/01/2016 - 03/31/2016)**

Unit: BAYSIDE CT2B MDC: 185 Run Date: 4/8/2016

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
34	Planned Outage	03/01/2016	00:00:00	03/20/2016	09:12:00	464.2	0	5274	GAST	Planned 2016 Spring Outage. General Inspection and
35	Reserve Shutdown	03/20/2016	09:13:00	03/21/2016	18:36:00	33.38	0	0000	UNKN	RESERVE SHUTDOWN
36	Full Forced Immed	03/21/2016	19:14:00	03/22/2016	10:00:00	14.77	0	3832	BLPT	Failure of HP Main Feedwater Control Valve seperating
37	Reserve Shutdown	03/22/2016	10:01:00	03/23/2016	05:35:00	19.57	0	0000	UNKN	RESERVE SHUTDOWN
38	Reserve Shutdown	03/24/2016	00:05:00	03/24/2016	09:35:00	9.5	0	0000	UNKN	RESERVE SHUTDOWN
39	Full Forced Immed	03/24/2016	09:53:00	03/24/2016	23:36:00	13.72	0	4520	GEN	2B tripped to due burnt wire in the GTE X2 lug connect
40	Reserve Shutdown	03/24/2016	23:37:00	03/25/2016	05:15:00	5.63	0	0000	UNKN	RESERVE SHUTDOWN
41	Reserve Shutdown	03/25/2016	23:40:00	03/26/2016	10:02:00	10.37	0	0000	UNKN	RESERVE SHUTDOWN
42	Reserve Shutdown	03/27/2016	01:03:00	03/27/2016	12:06:00	11.05	0	0000	UNKN	RESERVE SHUTDOWN
43	Reserve Shutdown	03/30/2016	00:25:00	03/30/2016	13:42:00	13.28	0	0000	UNKN	RESERVE SHUTDOWN
44	Reserve Shutdown	03/30/2016	21:27:00	03/31/2016	05:30:00	8.05	0	0000	UNKN	RESERVE SHUTDOWN
45	Maintenance Outage	03/31/2016	05:31:00	03/31/2016	08:00:00	2.48	0	5073	GAST	Repair to 2B #4 flame scanner.
46	Maintenance Outage	03/31/2016	08:01:00	03/31/2016	11:23:00	3.37	0	3832	BLPT	Repairs to Actuator on 2B-SDS-V361 HRH Skyvent V2
47	Reserve Shutdown	03/31/2016	11:24:00	03/31/2016	11:55:00	0.52	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(03/01/2016 - 03/31/2016)**

Unit: BAYSIDE CT2C MDC: 185 Run Date: 4/8/2016

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
14	Planned Outage	03/01/2016	00:00:00	03/11/2016	02:24:00	242.4	0	5274	GAST	Planned 2016 Spring Outage. General Inspection and
15	Full Forced Immed	03/11/2016	06:04:00	03/11/2016	07:54:00	1.83	0	5109	GAST	Failure of exhaust thermocouples 15, 17 and 20.
16	Maintenance Outage	03/16/2016	22:06:00	03/17/2016	06:00:00	7.9	0	3831	BLPT	Weld repair to attemperator line.
17	Reserve Shutdown	03/17/2016	06:01:00	03/17/2016	09:46:00	3.75	0	0000	UNKN	RESERVE SHUTDOWN
18	Reserve Shutdown	03/17/2016	22:32:00	03/18/2016	08:34:00	10.03	0	0000	UNKN	RESERVE SHUTDOWN
19	Reserve Shutdown	03/21/2016	21:39:00	03/22/2016	04:48:00	7.15	0	0000	UNKN	RESERVE SHUTDOWN
20	Reserve Shutdown	03/22/2016	22:51:00	03/24/2016	05:18:00	30.45	0	0000	UNKN	RESERVE SHUTDOWN
21	Reserve Shutdown	03/24/2016	23:30:00	03/26/2016	13:32:00	38.03	0	0000	UNKN	RESERVE SHUTDOWN
22	Reserve Shutdown	03/26/2016	20:59:00	03/27/2016	07:37:00	10.63	0	0000	UNKN	RESERVE SHUTDOWN
23	Reserve Shutdown	03/29/2016	21:15:00	03/30/2016	06:29:00	9.23	0	0000	UNKN	RESERVE SHUTDOWN
24	Reserve Shutdown	03/30/2016	22:43:00	03/31/2016	06:42:00	7.98	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company
Outage Listing
(03/01/2016 - 03/31/2016)**

Unit: BAYSIDE CT2D MDC: 185 Run Date: 4/8/2016

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
19	Planned Outage	03/01/2016	00:00:00	03/14/2016	18:29:00	329.48	0	5274	GAST	Planned 2016 Spring Outage. General Inspection and
20	Reserve Shutdown	03/14/2016	18:30:00	03/15/2016	05:18:00	10.8	0	0000	UNKN	RESERVE SHUTDOWN
21	Reserve Shutdown	03/15/2016	22:33:00	03/16/2016	10:27:00	11.9	0	0000	UNKN	RESERVE SHUTDOWN
22	Reserve Shutdown	03/18/2016	23:43:00	03/19/2016	06:59:00	7.27	0	0000	UNKN	RESERVE SHUTDOWN
23	Reserve Shutdown	03/19/2016	22:39:00	03/20/2016	08:21:00	9.7	0	0000	UNKN	RESERVE SHUTDOWN
24	Reserve Shutdown	03/20/2016	19:04:00	03/21/2016	07:02:00	11.97	0	0000	UNKN	RESERVE SHUTDOWN
25	Reserve Shutdown	03/21/2016	23:07:00	03/22/2016	16:20:00	17.22	0	0000	UNKN	RESERVE SHUTDOWN
26	Reserve Shutdown	03/27/2016	19:55:00	03/28/2016	05:28:00	9.55	0	0000	UNKN	RESERVE SHUTDOWN
27	Reserve Shutdown	03/28/2016	22:44:00	03/29/2016	07:17:00	8.55	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		