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February 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 January 2016.

Thank you for your assistance in connection with this matter.

Sincerely,

/s/ James D. Beasley

James D. Beasley

JDB/ne
Attachment

cc: All parties of record (w/attachment)

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Schedules, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 25th day of February, 2016 to the following:

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/s/ James D. Beasley

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
	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												48.0
2. PH	744												744
3. SH	364.7												364.7
4. RSH	0.0												0.0
5. UH	379.3												379.3
6. POH	0.0												0.0
7. FOH	379.3												379.3
8. MOH	0.0												0.0
9. PFOH	30.9												30.9
10. LR PF (MW)	94.0												94.0
11. PMOH	0.0												0.0
12. LR PM (MW)	0.0												0.0
13. NSC (MW)	395												395
14. OPR BTU(GBTU)	894.2913												894.2913
15. NET GEN (MWH)	82135												82135
16. ANOHR (BTU/KWH)	10888												10888
17. NOF (%)	57.0												57.0
18. NPC (MW)	395												395
19. ANOHR EQUATION	ANOHR = NOF (-16.86) + (12,219)												

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 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 (%)	77.7												77.7
2. PH	744												744
3. SH	595.3												595.3
4. RSH	0.0												0.0
5. UH	148.7												148.7
6. POH	0.0												0.0
7. FOH	148.7												148.7
8. MOH	0.0												0.0
9. PFOH	220.2												220.2
10. LR PF (MW)	31.3												31.3
11. PMOH	144.3												144.3
12. LR PM (MW)	0.0												0.0
13. NSC (MW)	395												395
14. OPR BTU(GBTU)	1571.2504												1571.2504
15. NET GEN (MWH)	138943												138943
16. ANOHR (BTU/KWH)	11309												11309
17. NOF (%)	59.1												59.1
18. NPC (MW)	395												395
19. ANOHR EQUATION	ANOHR = NOF (-21.73) + (12,462)												

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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
BIG BEND 3	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 (%)	37.8												37.8
2. PH	744												744
3. SH	201.7												201.7
4. RSH	176.3												176.3
5. UH	366.0												366.0
6. POH	313.0												313.0
7. FOH	53.0												53.0
8. MOH	0.0												0.0
9. PFOH	145.2												145.2
10. LR PF (MW)	266.6												266.6
11. PMOH	0.0												0.0
12. LR PM (MW)	0.0												0.0
13. NSC (MW)	400												400
14. OPR BTU(GBTU)	405.2481												405.2481
15. NET GEN (MWH)	34135												34135
16. ANOHR BTU/KWH	11872												11872
17. NOF (%)	42.3												42.3
18. NPC (MW)	400												400
19. ANOHR EQUATION	ANOHR = NOF (-17.14) + (12,189)												

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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
BIG BEND 4	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 (%)	92.8												92.8
2. PH	744												744
3. SH	744.0												744.0
4. RSH	0.0												0.0
5. UH	0.0												0.0
6. POH	0.0												0.0
7. FOH	0.0												0.0
8. MOH	0.0												0.0
9. PFOH	379.2												379.2
10. LR PF (MW)	61.5												61.5
11. PMOH	4.5												4.5
12. LR PM (MW)	54.4												54.4
13. NSC (MW)	442												442
14. OPR BTU(GBTU)	2255.8865												2255.8865
15. NET GEN (MWH)	215861												215861
16. ANOHR BTU/KWH	10451												10451
17. NOF (%)	65.6												65.6
18. NPC (MW)	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												100.0
2. PH	744												744
3. SH	744.0												744.0
4. RSH	0.0												0.0
5. UH	0.0												0.0
6. POH	0.0												0.0
7. FOH	0.0												0.0
8. MOH	0.0												0.0
9. PFOH	0.0												0.0
10. LR PF (MW)	0.0												0.0
11. PMOH	0.0												0.0
12. LR PM (MW)	0.0												0.0
13. NSC (MW)	220												220
14. OPR BTU(GBTU)	1618.4199												1618.4199
15. NET GEN (MWH)	169475												169475
16. ANOHR BTU/KWH	9550												9550
17. NOF (%)	103.5												103.5
18. NPC (MW)	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												100.0
2. PH	744												744
3. SH	744.0												744.0
4. RSH	0.0												0.0
5. UH	0.0												0.0
6. POH	0.0												0.0
7. FOH	0.0												0.0
8. MOH	0.0												0.0
9. PFOH	0.2												0.2
10. LR PF (MW)	0.0												0.0
11. PMOH	0.0												0.0
12. LR PM (MW)	0.0												0.0
13. NSC (MW)	792												792
14. OPR BTU(GBTU)	2779.4750												2779.4750
15. NET GEN (MWH)	377266												377266
16. ANOHR (BTU/KWH)	7367												7367
17. NOF (%)	64.0												64.0
18. NPC (MW)	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												98.0
2. PH	744												744
3. SH	744.0												744.0
4. RSH	0.0												0.0
5. UH	0.0												0.0
6. POH	0.0												0.0
7. FOH	0.0												0.0
8. MOH	0.0												0.0
9. PFOH	0.3												0.3
10. LR PF (MW)	261.8												261.8
11. PMOH	58.6												58.6
12. LR PM (MW)	261.8												261.8
13. NSC (MW)	1047												1047
14. OPR BTU(GBTU)	3309.0280												3309.0280
15. NET GEN (MWH)	448880												448880
16. ANOHR (BTU/KWH)	7372												7372
17. NOF (%)	57.6												57.6
18. NPC (MW)	1047												1047
19. ANOHR EQUATION	ANOHR = NOF	(-8.68)	+ (7,949)										

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

Unit: BIG BEND 1 MDC: 420 Run Date: 2/11/2016

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
1	Partial Forced Delayed	01/11/2016	17:40:00	01/13/2016	00:33:00	30.88	320	1350	BLR	Operating at reduced steam header (1800#) due to sus
2	Full Forced Delayed	01/13/2016	00:33:00	01/18/2016	17:03:00	136.5	0	1050	BLR	Superheater tube leak
3	Full Forced Delayed	01/19/2016	05:50:00	01/19/2016	16:04:00	10.23	0	4261	TURB	#5 Governor valve has an EHC leak
4	Full Forced Immed	01/20/2016	02:15:00	01/22/2016	04:49:00	50.57	0	4609	GEN	Exciter cooling water leak
5	Full Forced Immed	01/22/2016	06:36:00	01/25/2016	13:37:00	79.02	0	4609	GEN	Exciter cooling water leak
6	Full Forced Immed	01/25/2016	13:48:00	01/29/2016	20:49:00	103.02	0	4609	GEN	Exciter cooling water leak

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

Unit: BIG BEND 2 MDC: 420 Run Date: 2/11/2016

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
1	Partial Maintenance	01/01/2016	00:00:00	01/06/2016	23:45:00	143.75	400	8100	POLL	Gas velocity limit
2	Partial Maintenance	01/06/2016	23:45:00	01/07/2016	00:15:00	0.5	200	4268	TURB	Main Turbine valve testing
3	Partial Forced Immed	01/07/2016	00:15:00	01/12/2016	00:01:00	119.77	400	8100	POLL	Gas velocity limit
4	Partial Forced Immed	01/13/2016	13:45:00	01/15/2016	06:00:00	40.25	375	8825	NOx	SCR inlet temperature limit (800 deg)
5	Partial Forced Immed	01/15/2016	06:00:00	01/15/2016	17:00:00	11	370	8825	NOx	SCR inlet temperature limit (800 deg)
6	Partial Forced Immed	01/15/2016	17:00:00	01/17/2016	04:10:00	35.17	375	8825	NOx	SCR inlet temperature limit (800 deg)
7	Noncurtailing	01/19/2016	06:40:00	01/21/2016	06:00:00	47.33	410	1510	BLR	ID Fans inlet duct high differential pressure
8	Noncurtailing	01/21/2016	06:00:00	01/21/2016	19:00:00	13	390	1510	BLR	ID Fans inlet duct high differential pressure
9	Partial Forced Delayed	01/21/2016	19:00:00	01/22/2016	09:02:00	14.03	350	1350	BLR	Operating at reduced steam header (2000#) due to sus
10	Full Forced Delayed	01/22/2016	09:02:00	01/24/2016	23:33:00	62.52	0	1000	BLR	Tube leak
11	Noncurtailing	01/26/2016	15:00:00	01/28/2016	09:49:00	42.82	390	1510	BLR	ID Fans inlet duct high differential pressure
12	Full Forced Immed	01/28/2016	09:49:00	01/01/2017	00:00:00	86.18	0	4800	GEN	Ground at isophase duct

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

Unit: BIG BEND 3 MDC: 425 Run Date: 2/11/2016

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
1	Partial Forced Delayed	01/02/2016	23:55:00	01/03/2016	07:00:00	7.08	150	3113	COND	B Condenser cleaning
2	Partial Forced Immed	01/03/2016	14:00:00	01/04/2016	04:23:00	14.38	150	3113	COND	B Condenser cleaning
3	Partial Forced Immed	01/04/2016	06:00:00	01/05/2016	11:30:00	29.5	150	3210	BLPT	B Circulating water pump bearing failure
4	Partial Forced Immed	01/05/2016	11:30:00	01/06/2016	08:57:00	21.45	140	3210	BLPT	B Circulating water pump bearing failure
5	Partial Forced Immed	01/06/2016	08:57:00	01/06/2016	16:30:00	7.55	135	3210	BLPT	B Circulating water pump bearing failure
6	Partial Forced Immed	01/06/2016	16:30:00	01/07/2016	05:00:00	12.5	130	3210	BLPT	B Circulating water pump bearing failure
7	Partial Forced Immed	01/07/2016	05:00:00	01/08/2016	00:01:00	19.02	135	3210	BLPT	B Circulating water pump bearing failure
8	Partial Forced Immed	01/08/2016	00:01:00	01/09/2016	09:41:00	33.67	140	3210	BLPT	B Circulating water pump bearing failure
9	Full Forced Delayed	01/09/2016	09:41:00	01/11/2016	14:40:00	52.98	0	3210	BLPT	B Circulating water pump bearing failure and A circulat
10	Reserve Shutdown	01/11/2016	14:40:00	01/18/2016	23:00:00	176.33	0	0000	UNKN	RESERVE SHUTDOWN
11	Planned Outage	01/18/2016	23:00:00	01/01/2017	00:00:00	313	0	3620	BLPT	GSU Replacement

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

Unit: BIG BEND 4 MDC: 475 Run Date: 2/11/2016

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
1	Partial Maintenance	01/04/2016	02:15:00	01/04/2016	03:28:00	1.22	280	4268	TURB	Main Turbine valve testing
2	Partial Forced Immed	01/10/2016	20:00:00	01/11/2016	11:00:00	15	440	8825	NOx	SCR inlet temperature limit (800 deg)
3	Partial Forced Immed	01/11/2016	11:00:00	01/12/2016	06:00:00	19	460	8825	NOx	SCR inlet temperature limit (800 deg)
4	Partial Forced Immed	01/12/2016	09:00:00	01/12/2016	11:00:00	2	455	8825	NOx	SCR inlet temperature limit (800 deg)
5	Partial Forced Immed	01/12/2016	11:00:00	01/12/2016	23:39:00	12.65	450	8825	NOx	SCR inlet temperature limit (800 deg)
6	Planned Derating	01/12/2016	23:39:00	01/13/2016	02:10:00	2.52	370	8200	POLL	D Absorber recycle pump discharge header piping repa
7	Partial Forced Immed	01/13/2016	02:10:00	01/13/2016	07:30:00	5.33	450	8825	NOx	SCR inlet temperature limit (800 deg)
8	Partial Forced Immed	01/13/2016	07:30:00	01/15/2016	20:45:00	61.25	440	8825	NOx	SCR inlet temperature limit (800 deg)
9	Partial Maintenance	01/19/2016	00:58:00	01/19/2016	01:45:00	0.78	255	4268	TURB	Main Turbine valve testing
10	Noncurtailing	01/19/2016	08:40:00	01/19/2016	09:25:00	0.75	370	8551	POLL	Precipitator TR sets failed/ out of service
11	Noncurtailing	01/19/2016	09:25:00	01/19/2016	12:00:00	2.58	380	8551	POLL	Precipitator TR sets failed/ out of service
12	Noncurtailing	01/19/2016	12:00:00	01/20/2016	00:00:00	12	375	8551	POLL	Precipitator TR sets failed/ out of service
13	Noncurtailing	01/20/2016	00:00:00	01/20/2016	11:30:00	11.5	420	8551	POLL	Precipitator TR sets failed/ out of service
14	Noncurtailing	01/20/2016	11:30:00	01/21/2016	00:00:00	12.5	415	8551	POLL	Precipitator TR sets failed/ out of service
15	Partial Forced Immed	01/21/2016	00:00:00	01/23/2016	09:00:00	57	410	8825	NOx	SCR inlet temperature limit (800 deg)
16	Partial Forced Immed	01/23/2016	09:00:00	01/25/2016	17:48:00	56.8	375	0740	BLR	Boiler Circulation pump high differential. C pump LOTC
17	Partial Forced Immed	01/25/2016	17:48:00	01/30/2016	17:00:00	119.2	390	8825	NOx	SCR inlet temperature limit (800 deg)
18	Partial Forced Immed	01/30/2016	17:00:00	01/30/2016	23:25:00	6.42	470	0250	BLR	A Mill coal feeder belt broke
19	Partial Forced Immed	01/30/2016	23:25:00	01/01/2017	00:00:00	24.58	390	8825	NOx	SCR inlet temperature limit (800 deg)

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

Unit:		POLK 1		MDC:		290		Run Date:		2/11/2016	
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	
1	Noncurtailing	01/23/2016	10:30:00	01/01/2017	00:00:00	205.5	290	5041	GAST	Co-fire not operating properly, VGC-1A appears to be p	

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

Unit:	BAYSIDE ST1	MDC:	246							Run Date:	2/11/2016
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
(01/01/2016 - 01/31/2016)**

Unit: BAYSIDE CT1A MDC: 185 Run Date: 2/11/2016

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
1	Reserve Shutdown	01/29/2016	21:35:00	01/30/2016	06:15:00	8.67	0	0000	UNKN RESERVE SHUTDOWN	
2	Reserve Shutdown	01/31/2016	22:17:00	01/31/2016	23:59:00	1.7	0	0000	UNKN RESERVE SHUTDOWN	

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

Unit: BAYSIDE CT1B MDC: 185 Run Date: 2/11/2016

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
1	Reserve Shutdown	01/01/2016	00:46:00	01/01/2016	11:31:00	10.75	0	0000	UNKN	RESERVE SHUTDOWN
2	Reserve Shutdown	01/02/2016	00:47:00	01/03/2016	08:08:00	31.35	0	0000	UNKN	RESERVE SHUTDOWN
3	Reserve Shutdown	01/03/2016	08:34:00	01/04/2016	04:42:00	20.13	0	0000	UNKN	RESERVE SHUTDOWN
4	Reserve Shutdown	01/05/2016	22:02:00	01/06/2016	05:51:00	7.82	0	0000	UNKN	RESERVE SHUTDOWN
5	Reserve Shutdown	01/06/2016	23:59:00	01/07/2016	16:33:00	16.57	0	0000	UNKN	RESERVE SHUTDOWN
6	Reserve Shutdown	01/07/2016	23:46:00	01/09/2016	08:05:00	32.32	0	0000	UNKN	RESERVE SHUTDOWN
7	Reserve Shutdown	01/10/2016	01:48:00	01/10/2016	09:31:00	7.72	0	0000	UNKN	RESERVE SHUTDOWN
8	Reserve Shutdown	01/10/2016	23:57:00	01/11/2016	08:46:00	8.82	0	0000	UNKN	RESERVE SHUTDOWN
9	Partial Forced Immed	01/11/2016	23:24:00	01/11/2016	23:35:00	0.18	185	8845	CO	Reduced load to 120 mw's due to high CO numbers. E
10	Reserve Shutdown	01/17/2016	01:25:00	01/17/2016	08:37:00	7.2	0	0000	UNKN	RESERVE SHUTDOWN
11	Reserve Shutdown	01/20/2016	12:18:00	01/21/2016	04:33:00	16.25	0	0000	UNKN	RESERVE SHUTDOWN
12	Reserve Shutdown	01/21/2016	10:32:00	01/22/2016	07:42:00	21.17	0	0000	UNKN	RESERVE SHUTDOWN
13	Reserve Shutdown	01/22/2016	21:51:00	01/23/2016	04:54:00	7.05	0	0000	UNKN	RESERVE SHUTDOWN
14	Reserve Shutdown	01/25/2016	22:23:00	01/27/2016	06:36:00	32.22	0	0000	UNKN	RESERVE SHUTDOWN

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

Unit: BAYSIDE CT1C MDC: 185 Run Date: 2/11/2016

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
1	Reserve Shutdown	01/01/2016	00:00:00	01/01/2016	09:55:00	9.92	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
2	Reserve Shutdown	01/01/2016	23:32:00	01/02/2016	12:06:00	12.57	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
3	Reserve Shutdown	01/03/2016	00:02:00	01/03/2016	14:10:00	14.13	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
4	Reserve Shutdown	01/03/2016	23:56:00	01/04/2016	04:17:00	4.35	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
5	Reserve Shutdown	01/05/2016	22:44:00	01/07/2016	05:44:00	31	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
6	Reserve Shutdown	01/07/2016	14:19:00	01/08/2016	05:34:00	15.25	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
7	Reserve Shutdown	01/08/2016	23:45:00	01/10/2016	04:27:00	28.7	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
8	Reserve Shutdown	01/14/2016	20:20:00	01/15/2016	05:16:00	8.93	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
9	Reserve Shutdown	01/15/2016	21:43:00	01/16/2016	08:29:00	10.77	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
10	Reserve Shutdown	01/16/2016	21:08:00	01/17/2016	11:10:00	14.03	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
11	Reserve Shutdown	01/23/2016	00:19:00	01/23/2016	07:21:00	7.03	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
12	Reserve Shutdown	01/26/2016	21:22:00	01/27/2016	05:10:00	7.8	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
13	Reserve Shutdown	01/28/2016	00:06:00	01/28/2016	06:29:00	6.38	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
14	Reserve Shutdown	01/28/2016	22:48:00	01/29/2016	17:33:00	18.75	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
15	Reserve Shutdown	01/29/2016	23:04:00	01/30/2016	08:57:00	9.88	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
16	Reserve Shutdown	01/31/2016	11:02:00	01/31/2016	23:59:00	12.95	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN

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

Unit:	BAYSIDE ST2	MDC:	318							Run Date:	2/11/2016
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
(01/01/2016 - 01/31/2016)**

Unit: BAYSIDE CT2A MDC: 185 Run Date: 2/11/2016

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
1	Reserve Shutdown	01/03/2016	22:18:00	01/04/2016	05:30:00	7.2	0	0000	UNKN	RESERVE SHUTDOWN
2	Reserve Shutdown	01/04/2016	21:43:00	01/05/2016	05:03:00	7.33	0	0000	UNKN	RESERVE SHUTDOWN
3	Reserve Shutdown	01/06/2016	00:14:00	01/07/2016	04:37:00	28.38	0	0000	UNKN	RESERVE SHUTDOWN
4	Reserve Shutdown	01/08/2016	21:11:00	01/09/2016	09:34:00	12.38	0	0000	UNKN	RESERVE SHUTDOWN
5	Reserve Shutdown	01/09/2016	22:00:00	01/10/2016	05:35:00	7.58	0	0000	UNKN	RESERVE SHUTDOWN
6	Reserve Shutdown	01/13/2016	22:25:00	01/14/2016	05:14:00	6.82	0	0000	UNKN	RESERVE SHUTDOWN
7	Reserve Shutdown	01/14/2016	22:02:00	01/16/2016	06:44:00	32.7	0	0000	UNKN	RESERVE SHUTDOWN
8	Reserve Shutdown	01/16/2016	22:53:00	01/17/2016	06:05:00	7.2	0	0000	UNKN	RESERVE SHUTDOWN
9	Reserve Shutdown	01/17/2016	22:22:00	01/18/2016	06:17:00	7.92	0	0000	UNKN	RESERVE SHUTDOWN
10	Reserve Shutdown	01/22/2016	23:14:00	01/23/2016	06:12:00	6.97	0	0000	UNKN	RESERVE SHUTDOWN
11	Reserve Shutdown	01/27/2016	21:46:00	01/28/2016	05:56:00	8.17	0	0000	UNKN	RESERVE SHUTDOWN
12	Reserve Shutdown	01/30/2016	21:15:00	01/31/2016	08:04:00	10.82	0	0000	UNKN	RESERVE SHUTDOWN

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

Unit: BAYSIDE CT2B MDC: 185 Run Date: 2/11/2016

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
1	Reserve Shutdown	01/01/2016	00:00:00	01/01/2016	13:22:00	13.37	0	0000	UNKN RESERVE SHUTDOWN	
2	Reserve Shutdown	01/01/2016	19:59:00	01/04/2016	16:49:00	68.83	0	0000	UNKN RESERVE SHUTDOWN	
3	Reserve Shutdown	01/07/2016	22:11:00	01/08/2016	06:35:00	8.4	0	0000	UNKN RESERVE SHUTDOWN	
4	Reserve Shutdown	01/09/2016	23:31:00	01/10/2016	08:12:00	8.68	0	0000	UNKN RESERVE SHUTDOWN	
5	Reserve Shutdown	01/10/2016	22:22:00	01/11/2016	05:44:00	7.37	0	0000	UNKN RESERVE SHUTDOWN	
6	Reserve Shutdown	01/21/2016	10:28:00	01/21/2016	22:09:00	11.68	0	0000	UNKN RESERVE SHUTDOWN	
7	Maintenance Outage	01/21/2016	22:10:00	01/22/2016	00:53:00	2.72	0	3832	BLPT 2B out of service for replacement of the IP Safety Valve	
8	Reserve Shutdown	01/22/2016	00:54:00	01/22/2016	06:00:00	5.1	0	0000	UNKN RESERVE SHUTDOWN	
9	Reserve Shutdown	01/26/2016	23:58:00	01/27/2016	17:00:00	17.03	0	0000	UNKN RESERVE SHUTDOWN	
10	Reserve Shutdown	01/27/2016	22:50:00	01/28/2016	10:17:00	11.45	0	0000	UNKN RESERVE SHUTDOWN	
11	Reserve Shutdown	01/28/2016	21:28:00	01/29/2016	05:36:00	8.13	0	0000	UNKN RESERVE SHUTDOWN	
12	Reserve Shutdown	01/30/2016	11:21:00	01/31/2016	04:55:00	17.57	0	0000	UNKN RESERVE SHUTDOWN	
13	Reserve Shutdown	01/31/2016	23:52:00	01/31/2016	23:59:00	0.12	0	0000	UNKN RESERVE SHUTDOWN	

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

Unit: BAYSIDE CT2C MDC: 185 Run Date: 2/11/2016

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
1	Reserve Shutdown	01/01/2016	00:00:00	01/01/2016	10:45:00	10.75	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
2	Reserve Shutdown	01/01/2016	19:12:00	01/09/2016	06:45:00	179.55	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
3	Reserve Shutdown	01/12/2016	22:40:00	01/13/2016	06:13:00	7.55	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
4	Reserve Shutdown	01/13/2016	23:21:00	01/14/2016	06:08:00	6.78	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
5	Reserve Shutdown	01/30/2016	00:06:00	01/31/2016	23:59:00	47.88	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN

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

Unit: BAYSIDE CT2D MDC: 185 Run Date: 2/11/2016

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
1	Reserve Shutdown	01/01/2016	00:00:00	01/01/2016	08:40:00	8.67	0	0000	UNKN RESERVE SHUTDOWN	
2	Reserve Shutdown	01/01/2016	21:59:00	01/02/2016	08:39:00	10.67	0	0000	UNKN RESERVE SHUTDOWN	
3	Reserve Shutdown	01/02/2016	21:15:00	01/03/2016	08:56:00	11.68	0	0000	UNKN RESERVE SHUTDOWN	
4	Reserve Shutdown	01/04/2016	23:38:00	01/05/2016	04:28:00	4.83	0	0000	UNKN RESERVE SHUTDOWN	
5	Reserve Shutdown	01/06/2016	21:54:00	01/11/2016	17:09:00	115.25	0	0000	UNKN RESERVE SHUTDOWN	
6	Reserve Shutdown	01/12/2016	11:07:00	01/13/2016	04:10:00	17.05	0	0000	UNKN RESERVE SHUTDOWN	
7	Maintenance Outage	01/13/2016	12:24:00	01/15/2016	06:50:00	42.43	0	5079	GAST Turbine shut down due to poor combustion harmonics.	
8	Full Forced Immed	01/15/2016	07:00:00	01/15/2016	07:15:00	0.25	0	5285	GAST Turbine tripped due to high vibration.	
9	Maintenance Outage	01/15/2016	23:21:00	01/16/2016	12:50:00	13.48	0	5250	GAST Replacement of Seismic Vibration Cable.	
10	Reserve Shutdown	01/16/2016	12:51:00	01/18/2016	03:45:00	38.9	0	0000	UNKN RESERVE SHUTDOWN	
11	Reserve Shutdown	01/20/2016	23:14:00	01/21/2016	06:12:00	6.97	0	0000	UNKN RESERVE SHUTDOWN	
12	Reserve Shutdown	01/25/2016	12:07:00	01/26/2016	05:11:00	17.07	0	0000	UNKN RESERVE SHUTDOWN	
13	Reserve Shutdown	01/26/2016	22:39:00	01/28/2016	11:12:00	36.55	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	MkVle	Mark 5e 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		