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May 28, 2013

HAND DELIVERED

RECEIVED - FPSC  
13 MAY 28 PM 2:29  
COMMISSION  
CLERK

Ms. Ann Cole, 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. 130001-EI


Dear Ms. Cole:

Enclosed for filing in the above docket are the original and ten (10) copies of Tampa Electric Company's GPIF Actual Unit Performance Data Schedules for the month of April 2013.

Please acknowledge receipt and filing of the above by stamping the duplicate copy of this letter and returning same to this writer.

Thank you for your assistance in connection with this matter.

Sincerely,



James D. Beasley

JDB/pp  
Enclosure

cc: All parties of record (w/enc.)  
Mr. Tom Ballinger (w/enc.)

COM	_____
AFD	<u>7</u>
APA	_____
ECO	<u>1</u>
ENG	<u>1</u>
GCL	<u>1</u>
IDM	_____
TEL	_____
CLK	_____

DOCUMENT NUMBER-DATE

02924 MAY 28 2013

FPSC-COMMISSION CLERK

## CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Schedules has been furnished by hand delivery (\*) or U.S. Mail on this 28<sup>th</sup> day of May 2013, to the following:

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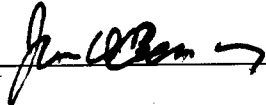
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ATTORNEY 

ORIGINAL SHEET NO. 8.401.13A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2013 - DECEMBER 2013

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 13	FEB 13	MAR 13	APR 13	MAY 13	JUN 13	JUL 13	AUG 13	SEP 13	OCT 13	NOV 13	DEC 13	2013
1. EAF (%)	16.4	14.3	78.8	87.3									49.7
2. PH	744	672	743	720									2879
3. SH	122.4	159.0	663.7	651.8									1596.9
4. RSH	0.0	0.0	0.0	0.0									0.0
5. UH	621.6	513.0	79.3	68.2									1282.1
6. POH	257.0	513.0	0.0	0.0									770.0
7. FOH	364.6	0.0	79.3	68.2									512.1
8. MOH	0.0	0.0	0.0	0.0									0.0
9. PFOH	30.5	148.0	300.2	76.9									555.7
10. LR PF (MW)	7.9	168.1	98.9	115.9									114.7
11. PMOH	0.0	0.0	21.8	0.0									21.8
12. LR PM (MW)	0.0	0.0	52.9	0.0									52.9
13. NSC (MW)	395	395	395	385									393
14. OPR BTU(GBTU)	487.0975	374.0533	2297.3731	2468.4777									5627.0016
15. NET GEN (MWH)	45745	32994	218329	237862									534930
16. ANOHR (BTU/KWH)	10648	11337	10523	10378									10519
17. NOF (%)	94.6	52.5	83.3	94.8									85.3
18. NPC (MW)	395	395	395	385									393
19. ANOHR EQUATION ANOHR = NOF(-12.004)+ 11,551													

DOCUMENT NUMBER-DATE  
02924 MAY 28 2013  
FPSC-COMMISSION CLERK

ORIGINAL SHEET NO. 8.401.13A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2013 - DECEMBER 2013

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 13	FEB 13	MAR 13	APR 13	MAY 13	JUN 13	JUL 13	AUG 13	SEP 13	OCT 13	NOV 13	DEC 13	2013
1. EAF (%)	36.5	50.3	96.7	76.3									65.2
2. PH	744	672	743	720									2879
3. SH	278.2	433.3	743.0	577.4									2031.9
4. RSH	0.0	0.0	0.0	0.0									0.0
5. UH	465.8	238.7	0.0	142.6									847.1
6. POH	217.4	213.8	0.0	0.0									431.2
7. FOH	248.4	24.8	0.0	0.0									273.2
8. MOH	0.0	0.0	0.0	142.6									142.6
9. PFOH	93.6	296.7	97.4	116.7									604.4
10. LR PF (MW)	26.4	127.3	74.4	93.0									96.5
11. PMOH	15.0	0.0	15.0	0.0									30.0
12. LR PM (MW)	4.7	0.0	157.5	0.0									81.2
13. NSC (MW)	395	395	395	385									393
14. OPR BTU(GBTU)	1011.8110	1335.0391	2762.7110	2053.6345									7163.1955
15. NET GEN (MWH)	101821	119862	271581	202976									696240
16. ANOHR (BTU/KWH)	9937	11138	10173	10118									10288
17. NOF (%)	92.6	70.0	92.5	91.3									87.3
18. NPC (MW)	395	395	395	385									393
19. ANOHR EQUATION	ANOHR = NOF(-11.395) + 11,200												

ORIGINAL SHEET NO. 8.401.13A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2013 - DECEMBER 2013

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 13	FEB 13	MAR 13	APR 13	MAY 13	JUN 13	JUL 13	AUG 13	SEP 13	OCT 13	NOV 13	DEC 13	2013
1. EAF (%)	84.0	79.0	2.1	0.0									40.7
2. PH	744	672	743	720									2879
3. SH	744.0	672.0	21.1	0.0									1437.1
4. RSH	0.0	0.0	0.0	0.0									0.0
5. UH	0.0	0.0	721.9	720.0									1441.9
6. POH	0.0	0.0	721.9	720.0									1441.9
7. FOH	0.0	0.0	0.0	0.0									0.0
8. MOH	0.0	0.0	0.0	0.0									0.0
9. PFOH	342.7	23.0	0.0	0.0									365.7
10. LR PF (MW)	58.5	113.4	0.0	0.0									61.9
11. PMOH	401.3	649.0	21.1	0.0									1071.4
12. LR PM (MW)	58.7	75.5	88.9	0.0									69.5
13. NSC (MW)	365	365	365	365									365
14. OPR BTU(GBTU)	2382.3427	2039.6597	50.4865	0.0000									4472.4889
15. NET GEN (MWH)	220461	188638	4505	0									413604
16. ANOHR BTU/KWH	10806	10813	11207	0									10813
17. NOF (%)	81.2	76.9	58.5	0.0									78.9
18. NPC (MW)	365	365	365	365									365
19. ANOHR EQUATION	ANOHR = NOF(-21.678) + 12,439												

3

ORIGINAL SHEET NO. 8.401.13A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2013 - DECEMBER 2013

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 13	FEB 13	MAR 13	APR 13	MAY 13	JUN 13	JUL 13	AUG 13	SEP 13	OCT 13	NOV 13	DEC 13	2013
1. EAF (%)	56.7	22.4	92.4	99.5									68.5
2. PH	744	672	743	720									2879
3. SH	744.0	261.8	722.1	720.0									2447.9
4. RSH	0.0	0.0	0.0	0.0									0.0
5. UH	0.0	410.3	20.9	0.0									431.1
6. POH	0.0	410.3	11.9	0.0									422.1
7. FOH	0.0	0.0	9.0	0.0									9.0
8. MOH	0.0	0.0	0.0	0.0									0.0
9. PFOH	738.5	261.8	269.5	30.7									1300.5
10. LR PF (MW)	180.4	177.3	43.9	4.6									147.4
11. PMOH	5.5	0.0	14.5	7.7									27.7
12. LR PM (MW)	222.4	0.0	213.1	176.3									204.7
13. NSC (MW)	417	417	417	407									415
14. OPR BTU(GBTU)	1903.3464	658.7300	2742.4696	2996.4592									8301.0053
15. NET GEN (MWH)	172056	60827	269732	288798									791413
16. ANOHR BTU/KWH	11062	10830	10167	10376									10489
17. NOF (%)	55.5	55.7	89.6	98.6									78.0
18. NPC (MW)	417	417	417	407									415
19. ANOHR EQUATION	ANOHR = NOF(-24.581) + 12,591												

4

ORIGINAL SHEET NO. 8.401.13A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2013 - DECEMBER 2013

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 13	FEB 13	MAR 13	APR 13	MAY 13	JUN 13	JUL 13	AUG 13	SEP 13	OCT 13	NOV 13	DEC 13	2013
1. EAF (%)	92.9	80.5	98.2	41.1									78.4
2. PH	744	672	743	720									2879
3. SH	698.6	443.5	717.9	184.9									2045.0
4. RSH	0.0	132.3	15.3	127.1									274.6
5. UH	45.4	96.1	9.8	408.0									559.4
6. POH	0.0	0.0	0.0	408.0									408.0
7. FOH	45.4	20.0	9.8	0.0									75.3
8. MOH	0.0	76.1	0.0	0.0									76.1
9. PFOH	36.8	251.8	24.5	177.5									490.7
10. LR PF (MW)	46.3	30.5	29.6	19.6									27.7
11. PMOH	0.0	0.0	0.0	0.0									0.0
12. LR PM (MW)	0.0	0.0	0.0	0.0									0.0
13. NSC (MW)	220	220	220	220									220
14. OPR BTU(GBTU)	1624.9255	1000.4701	1579.4758	410.0692									4614.9406
15. NET GEN (MWH)	152120	92880	153212	34073									432285
16. ANOHR BTU/KWH	10682	10772	10309	12035									10676
17. NOF (%)	99.0	95.2	97.0	83.7									96.1
18. NPC (MW)	220	220	220	220									220
19. ANOHR EQUATION	ANOHR = NOF(-130.472) + 22,869												

51



ORIGINAL SHEET NO. 8.401.13A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2013 - DECEMBER 2013

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 13	FEB 13	MAR 13	APR 13	MAY 13	JUN 13	JUL 13	AUG 13	SEP 13	OCT 13	NOV 13	DEC 13	2013
1. EAF (%)	99.9	100.0	76.3	100.0									93.8
2. PH	744	672	743	720									2879
3. SH	564.4	672.0	571.5	720.0									2527.9
4. RSH	179.6	0.0	0.0	0.0									179.6
5. UH	0.0	0.0	171.5	0.0									171.5
6. POH	0.0	0.0	171.5	0.0									171.5
7. FOH	0.0	0.0	0.0	0.0									0.0
8. MOH	0.0	0.0	0.0	0.0									0.0
9. PFOH	0.7	0.0	0.0	0.2									0.9
10. LR PF (MW)	792.0	0.0	0.0	701.0									769.5
11. PMOH	0.0	0.0	4.7	0.0									4.7
12. LR PM (MW)	0.0	0.0	792.0	0.0									792.0
13. NSC (MW)	792	792	792	701									769
14. OPR BTU(GBTU)	2068.9170	2603.4990	1412.2370	2422.6010									8507.2540
15. NET GEN (MWH)	283302	361640	190076	331371									1166389
16. ANOHR (BTU/KWH)	7303	7199	7430	7311									7294
17. NOF (%)	63.4	67.9	42.0	65.7									60.0
18. NPC (MW)	792	792	792	701									769
19. ANOHR EQUATION	ANOHR = NOF(-12.033) + 8,180												

9

ORIGINAL SHEET NO. 8.401.13A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2013 - DECEMBER 2013

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 13	FEB 13	MAR 13	APR 13	MAY 13	JUN 13	JUL 13	AUG 13	SEP 13	OCT 13	NOV 13	DEC 13	2013
1. EAF (%)	80.7	82.5	82.0	66.8									77.7
2. PH	744	672	743	720									2879
3. SH	485.0	672.0	741.3	537.5									2435.8
4. RSH	259.0	0.0	0.0	0.0									259.0
5. UH	0.0	0.0	1.7	182.5									184.1
6. POH	0.0	0.0	1.7	175.6									177.3
7. FOH	0.0	0.0	0.0	0.0									0.0
8. MOH	0.0	0.0	0.0	6.8									6.8
9. PFOH	143.7	117.6	129.9	56.7									447.9
10. LR PF (MW)	1047.0	1047.0	1047.0	929.0									1032.1
11. PMOH	0.0	0.0	2.3	0.0									2.3
12. LR PM (MW)	0.0	0.0	1047.0	0.0									1047.0
13. NSC (MW)	1047	1047	1047	929									1018
14. OPR BTU(GBTU)	1988.4890	2594.2940	2257.3990	2174.8410									9015.0230
15. NET GEN (MWH)	268566	351353	298785	291047									1209751
16. ANOHR (BTU/KWH)	7404	7384	7555	7472									7452
17. NOF (%)	52.9	49.9	38.5	58.3									48.8
18. NPC (MW)	1047	1047	1047	929									1018
19. ANOHR EQUATION	ANOHR = NOF(-9.350) + 8,101												

7

**Tampa Electric Company  
Outage Listing  
(04/01/2013 - 04/30/2013)**

**Unit: BIG BEND 1      MDC: 410      Run Date: 5/21/2013**

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
45	Partial Forced Immed	04/11/2013	10:30:00	04/11/2013	11:40:00	1.17	370	0335	BLR	B Pulverizer oil leak
46	Partial Forced Immed	04/19/2013	13:40:00	04/19/2013	15:50:00	2.17	380	8549	POLL	FGD Removal efficiency limits
47	Partial Forced Immed	04/19/2013	15:50:00	04/19/2013	19:30:00	3.67	360	8549	POLL	FGD Removal efficiency limits
48	Partial Forced Immed	04/19/2013	19:30:00	04/19/2013	23:15:00	3.75	300	8549	POLL	FGD Removal efficiency limits
49	Partial Forced Immed	04/19/2013	23:15:00	04/20/2013	00:35:00	1.33	260	0250	BLR	B2 Coal feeder has a bad cable
50	Partial Forced Immed	04/20/2013	00:35:00	04/20/2013	19:49:00	19.23	260	8549	POLL	FGD Removal efficiency limits
51	Partial Forced Immed	04/20/2013	19:50:00	04/22/2013	15:30:00	43.67	280	8549	POLL	FGD Removal efficiency limits
52	Partial Forced Immed	04/22/2013	17:15:00	04/22/2013	19:10:00	1.92	400	9630	RS&E	High opacity
53	Full Forced Immed	04/28/2013	00:47:00	04/30/2013	14:53:00	62.1	0	4302	TURB	Overspeed trip test malfunction
54	Full Forced Immed	04/30/2013	17:53:00	05/01/2013	00:49:00	6.12	0	3412	BLPT	Unit tripped on loss of BFPT speed probes

**Tampa Electric Company  
Outage Listing  
(04/01/2013 - 04/30/2013)**

**Unit: BIG BEND 2      MDC: 410      Run Date: 5/21/2013**

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
48	Partial Forced Immed	04/10/2013	06:40:00	04/10/2013	09:40:00	3	405	9630	RS&E	High opacity
49	Partial Forced Immed	04/10/2013	15:10:00	04/11/2013	06:00:00	14.83	390	9630	RS&E	High opacity
50	Partial Forced Immed	04/16/2013	17:30:00	04/17/2013	06:00:00	12.5	400	8550	POLL	High opacity due to precipitator fouling
51	Partial Forced Immed	04/19/2013	12:40:00	04/19/2013	14:16:00	1.6	400	8549	POLL	FGD Removal efficiency limits
52	Partial Forced Immed	04/19/2013	14:16:00	04/19/2013	18:45:00	4.48	360	8550	POLL	FGD Removal efficiency limits
53	Partial Forced Immed	04/19/2013	18:45:00	04/19/2013	19:15:00	0.5	340	8549	POLL	FGD Removal efficiency limits
54	Partial Forced Immed	04/19/2013	19:15:00	04/20/2013	00:35:00	5.33	330	8549	POLL	FGD Removal efficiency limits
55	Partial Forced Immed	04/20/2013	00:35:00	04/23/2013	03:00:00	74.42	270	8549	POLL	FGD Removal efficiency limits
56	Maintenance Outage	04/23/2013	03:00:00	04/29/2013	01:38:00	142.63	0	4261	TURB	#1 Governor valve repair

**Tampa Electric Company  
Outage Listing  
(04/01/2013 - 04/30/2013)**

**Unit: BIG BEND 3      MDC: 390      Run Date: 5/21/2013**

<b>Event Number</b>	<b>Event Type</b>	<b>Start Date</b>	<b>Start Time</b>	<b>End Date</b>	<b>End Time</b>	<b>Duration (Hours)</b>	<b>Unit Cap</b>	<b>Cause Code</b>	<b>Equipment Group</b>	<b>Event Description</b>
<b>EVNT_NO</b>	<b>EVNT_TYPE</b>	<b>START_DATE</b>	<b>START_TIME</b>	<b>EV_DATE</b>	<b>EV_TIME</b>	<b>CALCHRS</b>	<b>GAC</b>	<b>CAUSE_CODE</b>	<b>GRPNAME</b>	<b>VERB_DESC</b>
19	Planned Outage	03/01/2013	21:05:00	05/01/2013	00:00:00	720	0	3975	BLPT	FGD DCS Controls upgrade

**Tampa Electric Company  
Outage Listing  
(04/01/2013 - 04/30/2013)**

**Unit: BIG BEND 4      MDC: 440      Run Date: 5/21/2013**

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
27	Planned Derating	04/02/2013	00:47:00	04/02/2013	07:05:00	6.3	220	1476	BLR	A ID Fan speed reference repair
28	Planned Derating	04/04/2013	02:20:00	04/04/2013	03:45:00	1.42	380	4261	TURB	#4 Governor valve servo replacement
29	Partial Forced Immed	04/16/2013	03:18:00	04/17/2013	10:00:00	30.7	435	8261	POLL	Booster fan amps exceed limits

**Tampa Electric Company  
Outage Listing  
(04/01/2013 - 04/30/2013)**

**Unit: POLK 1      MDC: 290      Run Date: 5/21/2013**

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	Partial Forced Immed	04/01/2013	07:25:00	04/08/2013	13:24:00	173.98	265	5049	GAST	1A ASU MAC Aftercooler fouled, high tempertures to c
17	Partial Forced Immed	04/08/2013	13:25:00	04/08/2013	16:55:00	3.5	225	5049	GAST	7G Gasifier Shutdown to repair FAT Acid leak, Soft GE
18	Reserve Shutdown	04/08/2013	16:56:00	04/14/2013	00:00:00	127.07	0	0000	UNKN	RESERVE SHUTDOWN
19	Planned Outage	04/14/2013	00:01:00	05/01/2013	00:00:00	407.98	0	5274	GAST	Combustion Inspection

**Tampa Electric Company  
Outage Listing  
(04/01/2013 - 04/30/2013)**

**Unit: BAYSIDE ST1      MDC: 236      Run Date: 5/21/2013**

<b>Event Number</b>	<b>Event Type</b>	<b>Start Date</b>	<b>Start Time</b>	<b>End Date</b>	<b>End Time</b>	<b>Duration (Hours)</b>	<b>Unit Cap</b>	<b>Cause Code</b>	<b>Equipment Group</b>	<b>Event Description</b>
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC



**Tampa Electric Company  
Outage Listing  
(04/01/2013 - 04/30/2013)**

Unit: **BAYSIDE CT1A**      MDC: **158**      Run Date: **5/21/2013**

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
47	Reserve Shutdown	04/01/2013	00:01:00	04/01/2013	06:15:00	6.23	0	0000	UNKN	RESERVE SHUTDOWN
48	Reserve Shutdown	04/01/2013	23:00:00	04/02/2013	11:45:00	12.75	0	0000	UNKN	RESERVE SHUTDOWN
49	Reserve Shutdown	04/05/2013	08:23:00	04/06/2013	16:57:00	32.57	0	0000	UNKN	RESERVE SHUTDOWN
50	Reserve Shutdown	04/07/2013	23:45:00	04/08/2013	10:10:00	10.42	0	0000	UNKN	RESERVE SHUTDOWN
51	Reserve Shutdown	04/08/2013	21:15:00	04/09/2013	06:19:00	9.07	0	0000	UNKN	RESERVE SHUTDOWN
52	Reserve Shutdown	04/10/2013	00:30:00	04/10/2013	13:53:00	13.38	0	0000	UNKN	RESERVE SHUTDOWN
53	Reserve Shutdown	04/10/2013	23:53:00	04/11/2013	11:42:00	11.82	0	0000	UNKN	RESERVE SHUTDOWN
54	Reserve Shutdown	04/11/2013	21:28:00	04/12/2013	05:04:00	7.6	0	0000	UNKN	RESERVE SHUTDOWN
55	Reserve Shutdown	04/13/2013	01:30:00	04/13/2013	12:09:00	10.65	0	0000	UNKN	RESERVE SHUTDOWN
56	Reserve Shutdown	04/14/2013	01:00:00	04/14/2013	12:00:00	11	0	0000	UNKN	RESERVE SHUTDOWN
57	Reserve Shutdown	04/17/2013	03:59:00	04/17/2013	12:15:00	8.27	0	0000	UNKN	RESERVE SHUTDOWN
58	Reserve Shutdown	04/17/2013	21:40:00	04/18/2013	09:23:00	11.72	0	0000	UNKN	RESERVE SHUTDOWN
59	Reserve Shutdown	04/19/2013	00:56:00	04/19/2013	09:59:00	9.05	0	0000	UNKN	RESERVE SHUTDOWN
60	Reserve Shutdown	04/20/2013	01:59:00	04/21/2013	09:40:00	31.68	0	0000	UNKN	RESERVE SHUTDOWN
61	Reserve Shutdown	04/21/2013	20:23:00	04/22/2013	05:48:00	9.42	0	0000	UNKN	RESERVE SHUTDOWN
62	Reserve Shutdown	04/23/2013	01:44:00	04/23/2013	12:15:00	10.52	0	0000	UNKN	RESERVE SHUTDOWN
63	Reserve Shutdown	04/24/2013	01:44:00	04/24/2013	11:48:00	10.07	0	0000	UNKN	RESERVE SHUTDOWN
65	Reserve Shutdown	04/25/2013	21:53:00	04/26/2013	10:21:00	12.47	0	0000	UNKN	RESERVE SHUTDOWN
66	Reserve Shutdown	04/26/2013	22:09:00	04/27/2013	10:56:00	12.78	0	0000	UNKN	RESERVE SHUTDOWN
67	Reserve Shutdown	04/29/2013	22:21:00	04/30/2013	06:23:00	8.03	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company  
Outage Listing  
(04/01/2013 - 04/30/2013)**

Unit: **BAYSIDE CT1B** MDC: **158** Run Date: **5/21/2013**

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
35	Reserve Shutdown	04/02/2013	23:42:00	04/03/2013	11:13:00	11.52	0	0000	UNKN	RESERVE SHUTDOWN
36	Reserve Shutdown	04/03/2013	22:30:00	04/04/2013	05:28:00	6.97	0	0000	UNKN	RESERVE SHUTDOWN
37	Reserve Shutdown	04/05/2013	22:58:00	04/08/2013	14:31:00	63.55	0	0000	UNKN	RESERVE SHUTDOWN
38	Reserve Shutdown	04/09/2013	00:56:00	04/09/2013	12:50:00	11.9	0	0000	UNKN	RESERVE SHUTDOWN
39	Reserve Shutdown	04/12/2013	00:15:00	04/12/2013	08:34:00	8.32	0	0000	UNKN	RESERVE SHUTDOWN
40	Reserve Shutdown	04/12/2013	22:17:00	04/13/2013	06:49:00	8.53	0	0000	UNKN	RESERVE SHUTDOWN
41	Full Forced Immed	04/13/2013	06:50:00	04/13/2013	07:48:00	0.97	0	3641	BLPT	Failure of 1B Boiler Fd Pp 13.8kv circuit breaker
42	Reserve Shutdown	04/13/2013	07:49:00	04/13/2013	10:28:00	2.65	0	0000	UNKN	RESERVE SHUTDOWN
43	Reserve Shutdown	04/14/2013	00:01:00	04/14/2013	09:29:00	9.47	0	0000	UNKN	RESERVE SHUTDOWN
44	Reserve Shutdown	04/14/2013	21:07:00	04/15/2013	11:41:00	14.57	0	0000	UNKN	RESERVE SHUTDOWN
45	Reserve Shutdown	04/15/2013	22:48:00	04/16/2013	09:05:00	10.28	0	0000	UNKN	RESERVE SHUTDOWN
46	Reserve Shutdown	04/16/2013	22:49:00	04/17/2013	09:12:00	10.38	0	0000	UNKN	RESERVE SHUTDOWN
47	Reserve Shutdown	04/18/2013	19:15:00	04/19/2013	12:47:00	17.53	0	0000	UNKN	RESERVE SHUTDOWN
48	Reserve Shutdown	04/21/2013	01:49:00	04/21/2013	14:50:00	13.02	0	0000	UNKN	RESERVE SHUTDOWN
49	Reserve Shutdown	04/23/2013	21:34:00	04/24/2013	05:31:00	7.95	0	0000	UNKN	RESERVE SHUTDOWN
50	Reserve Shutdown	04/26/2013	00:31:00	04/26/2013	08:43:00	8.2	0	0000	UNKN	RESERVE SHUTDOWN
51	Reserve Shutdown	04/26/2013	23:35:00	04/27/2013	09:28:00	9.88	0	0000	UNKN	RESERVE SHUTDOWN
52	Reserve Shutdown	04/30/2013	23:38:00	04/30/2013	23:59:00	0.35	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company  
Outage Listing  
(04/01/2013 - 04/30/2013)**

**Unit: BAYSIDE CT1C      MDC: 158      Run Date: 5/21/2013**

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
41	Reserve Shutdown	04/01/2013	00:01:00	04/01/2013	10:38:00	10.62	0	0000	UNKN	RESERVE SHUTDOWN
42	Reserve Shutdown	04/02/2013	23:00:00	04/03/2013	08:31:00	9.52	0	0000	UNKN	RESERVE SHUTDOWN
43	Reserve Shutdown	04/04/2013	00:35:00	04/04/2013	11:28:00	10.88	0	0000	UNKN	RESERVE SHUTDOWN
44	Reserve Shutdown	04/04/2013	22:53:00	04/05/2013	05:40:00	6.78	0	0000	UNKN	RESERVE SHUTDOWN
45	Reserve Shutdown	04/06/2013	21:49:00	04/07/2013	11:23:00	13.57	0	0000	UNKN	RESERVE SHUTDOWN
46	Reserve Shutdown	04/10/2013	22:40:00	04/11/2013	10:15:00	11.58	0	0000	UNKN	RESERVE SHUTDOWN
47	Reserve Shutdown	04/14/2013	21:54:00	04/15/2013	06:45:00	8.85	0	0000	UNKN	RESERVE SHUTDOWN
48	Reserve Shutdown	04/17/2013	22:32:00	04/18/2013	11:42:00	13.17	0	0000	UNKN	RESERVE SHUTDOWN
49	Reserve Shutdown	04/19/2013	22:06:00	04/20/2013	11:08:00	13.03	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company  
Outage Listing  
(04/01/2013 - 04/30/2013)**

**Unit: BAYSIDE ST2      MDC: 308      Run Date: 5/21/2013**

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	Planned Outage	03/31/2013	22:20:00	04/08/2013	07:39:00	175.65	0	5272	GAST	Scheduled 2013 Spring outage. Boroscope inspection
3	Maintenance Outage	04/09/2013	23:18:00	04/10/2013	06:08:00	6.83	0	4265	TURB	Weld repairs to steam turbine drain valves MSS-V133

**Tampa Electric Company  
Outage Listing  
(04/01/2013 - 04/30/2013)**

**Unit: BAYSIDE CT2A      MDC: 158      Run Date: 5/21/2013**

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
56	Planned Outage	03/29/2013	16:41:00	04/08/2013	01:41:00	169.68	0	5272	GAST	Scheduled 2013 Spring outage. Boroscope inspection
57	Reserve Shutdown	04/08/2013	01:42:00	04/08/2013	15:44:00	14.03	0	0000	UNKN	RESERVE SHUTDOWN
58	Reserve Shutdown	04/08/2013	23:00:00	04/10/2013	11:45:00	36.75	0	0000	UNKN	RESERVE SHUTDOWN
59	Full Forced Immed	04/10/2013	13:40:00	04/17/2013	13:45:00	168.08	0	5081	GAST	#2 Bearing heat excursion. Thermocouple related.
60	Reserve Shutdown	04/17/2013	13:46:00	04/17/2013	14:13:00	0.45	0	0000	UNKN	RESERVE SHUTDOWN
61	Reserve Shutdown	04/18/2013	23:52:00	04/19/2013	10:31:00	10.65	0	0000	UNKN	RESERVE SHUTDOWN
62	Reserve Shutdown	04/20/2013	21:41:00	04/21/2013	12:29:00	14.8	0	0000	UNKN	RESERVE SHUTDOWN
63	Reserve Shutdown	04/21/2013	23:43:00	04/23/2013	13:09:00	37.43	0	0000	UNKN	RESERVE SHUTDOWN
64	Reserve Shutdown	04/24/2013	22:30:00	04/25/2013	10:51:00	12.35	0	0000	UNKN	RESERVE SHUTDOWN
65	Reserve Shutdown	04/27/2013	22:32:00	04/28/2013	10:30:00	11.97	0	0000	UNKN	RESERVE SHUTDOWN
66	Reserve Shutdown	04/30/2013	01:30:00	04/30/2013	11:37:00	10.12	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company  
Outage Listing  
(04/01/2013 - 04/30/2013)**

Unit: **BAYSIDE CT2B** MDC: **158** Run Date: **5/21/2013**

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	Planned Outage	03/31/2013	22:44:00	04/08/2013	01:42:00	169.7	0	5272	GAST	Scheduled 2013 Spring outage. Boroscope inspection
13	Reserve Shutdown	04/08/2013	01:43:00	04/08/2013	13:16:00	11.55	0	0000	UNKN	RESERVE SHUTDOWN
14	Reserve Shutdown	04/09/2013	22:07:00	04/10/2013	12:52:00	14.75	0	0000	UNKN	RESERVE SHUTDOWN
15	Reserve Shutdown	04/10/2013	21:23:00	04/11/2013	08:41:00	11.3	0	0000	UNKN	RESERVE SHUTDOWN
16	Reserve Shutdown	04/12/2013	01:45:00	04/12/2013	12:37:00	10.87	0	0000	UNKN	RESERVE SHUTDOWN
17	Reserve Shutdown	04/12/2013	23:28:00	04/13/2013	13:13:00	13.75	0	0000	UNKN	RESERVE SHUTDOWN
18	Reserve Shutdown	04/13/2013	22:28:00	04/14/2013	14:27:00	15.98	0	0000	UNKN	RESERVE SHUTDOWN
19	Reserve Shutdown	04/15/2013	01:05:00	04/15/2013	12:38:00	11.55	0	0000	UNKN	RESERVE SHUTDOWN
20	Reserve Shutdown	04/16/2013	00:43:00	04/16/2013	11:28:00	10.75	0	0000	UNKN	RESERVE SHUTDOWN
21	Reserve Shutdown	04/18/2013	00:25:00	04/18/2013	12:33:00	12.13	0	0000	UNKN	RESERVE SHUTDOWN
22	Reserve Shutdown	04/19/2013	02:41:00	04/19/2013	11:03:00	8.37	0	0000	UNKN	RESERVE SHUTDOWN
23	Reserve Shutdown	04/22/2013	18:38:00	04/23/2013	05:07:00	10.48	0	0000	UNKN	RESERVE SHUTDOWN
24	Reserve Shutdown	04/23/2013	23:59:00	04/24/2013	13:34:00	13.58	0	0000	UNKN	RESERVE SHUTDOWN
25	Reserve Shutdown	04/24/2013	23:42:00	04/25/2013	12:09:00	12.45	0	0000	UNKN	RESERVE SHUTDOWN
26	Reserve Shutdown	04/27/2013	19:01:00	04/28/2013	09:00:00	13.98	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company  
Outage Listing  
(04/01/2013 - 04/30/2013)**

**Unit: BAYSIDE CT2C      MDC: 158      Run Date: 5/21/2013**

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	Full Forced Immed	01/01/2013	00:00:00	04/08/2013	01:43:00	169.72	0	5092	GAST	Turbine blade/bucket repairs.
2	Reserve Shutdown	04/08/2013	01:44:00	04/09/2013	13:26:00	35.7	0	0000	UNKN	RESERVE SHUTDOWN
3	Reserve Shutdown	04/09/2013	23:16:00	04/10/2013	09:41:00	10.42	0	0000	UNKN	RESERVE SHUTDOWN
4	Reserve Shutdown	04/20/2013	00:00:00	04/22/2013	14:22:00	62.37	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company  
Outage Listing  
(04/01/2013 - 04/30/2013)**

**Unit: BAYSIDE CT2D MDC: 158 Run Date: 5/21/2013**

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	03/30/2013	18:15:00	04/05/2013	03:18:00	99.3	0	5272	GAST	Scheduled 2013 Spring outage. Boroscope inspection
35	Reserve Shutdown	04/05/2013	03:19:00	04/08/2013	00:31:00	69.2	0	0000	UNKN	RESERVE SHUTDOWN
36	Reserve Shutdown	04/08/2013	19:49:00	04/09/2013	11:11:00	15.37	0	0000	UNKN	RESERVE SHUTDOWN
37	Reserve Shutdown	04/09/2013	19:27:00	04/10/2013	04:31:00	9.07	0	0000	UNKN	RESERVE SHUTDOWN
38	Reserve Shutdown	04/11/2013	23:19:00	04/12/2013	06:42:00	7.38	0	0000	UNKN	RESERVE SHUTDOWN
39	Reserve Shutdown	04/12/2013	21:07:00	04/13/2013	07:16:00	10.15	0	0000	UNKN	RESERVE SHUTDOWN
40	Reserve Shutdown	04/13/2013	21:13:00	04/14/2013	10:52:00	13.65	0	0000	UNKN	RESERVE SHUTDOWN
41	Reserve Shutdown	04/14/2013	23:24:00	04/15/2013	10:23:00	10.98	0	0000	UNKN	RESERVE SHUTDOWN
42	Reserve Shutdown	04/15/2013	23:44:00	04/16/2013	10:18:00	10.57	0	0000	UNKN	RESERVE SHUTDOWN
43	Reserve Shutdown	04/17/2013	00:29:00	04/17/2013	10:32:00	10.05	0	0000	UNKN	RESERVE SHUTDOWN
44	Reserve Shutdown	04/17/2013	23:53:00	04/18/2013	10:21:00	10.47	0	0000	UNKN	RESERVE SHUTDOWN
45	Reserve Shutdown	04/18/2013	22:08:00	04/19/2013	09:31:00	11.38	0	0000	UNKN	RESERVE SHUTDOWN
46	Reserve Shutdown	04/20/2013	15:15:00	04/21/2013	08:33:00	17.3	0	0000	UNKN	RESERVE SHUTDOWN
47	Reserve Shutdown	04/21/2013	21:41:00	04/22/2013	09:47:00	12.1	0	0000	UNKN	RESERVE SHUTDOWN
48	Reserve Shutdown	04/22/2013	23:37:00	04/23/2013	09:47:00	10.17	0	0000	UNKN	RESERVE SHUTDOWN
49	Reserve Shutdown	04/23/2013	22:59:00	04/24/2013	09:45:00	10.77	0	0000	UNKN	RESERVE SHUTDOWN
50	Reserve Shutdown	04/24/2013	21:23:00	04/25/2013	08:57:00	11.57	0	0000	UNKN	RESERVE SHUTDOWN
51	Reserve Shutdown	04/25/2013	23:25:00	04/26/2013	11:43:00	12.3	0	0000	UNKN	RESERVE SHUTDOWN
52	Reserve Shutdown	04/27/2013	01:03:00	04/27/2013	12:50:00	11.78	0	0000	UNKN	RESERVE SHUTDOWN
53	Reserve Shutdown	04/28/2013	23:46:00	04/29/2013	10:58:00	11.2	0	0000	UNKN	RESERVE SHUTDOWN
54	Reserve Shutdown	04/29/2013	23:42:00	04/30/2013	09:48:00	10.1	0	0000	UNKN	RESERVE SHUTDOWN
55	Reserve Shutdown	04/30/2013	22:13:00	04/30/2013	23:59:00	1.77	0	0000	UNKN	RESERVE SHUTDOWN



Tampa Electric Company  
Actual Unit Performance  
Outage Listing Abbreviations and Descriptions

AGA	Acid Gas Absorber	ID	Induced Draft
APH	Air Preheater	IP	Intermediate Pressure
ASU	Air Separation Unit	KO	Knock Out
BFP	Boiler Feed Pump	LOTO	Lock Out Tag Out
BFPT	Boiler Feed Pump Turbine	LOX	Low Oxygen
COS	Carbonyl Sulfide	LP	Low Pressure
CSC	Convective Syngas Coolers	LVDT	Linear Variable Differential Transducer
CT	Combustion Turbine	MAC	Main Air Compressor
DCS	Digital Control System	MOC	Motor Operated Control
EH	Electro Hydraulic	MOV	Motor Operated Valve
FAT	Final Absorber Tower	PLC	Programmable Logic Controller
FD	Forced Draft	Pp	Pump
Fdwtr	Feed water	RATA	Relative Accuracy Test Audit
FGD	Flue Gas Desulfurization	RSV	Reheat Stop Valve
GEHO	Manufacturer of Slurry Pump	RTD	Resistance Temperature Device
GTG	Gas Turbine Generator	SAP	Sulfuric Acid Plant
HP	High Pressure	ST	Steam Turbine
HRSG	Heat Recovery Steam Generator	STARSS	Strategic Anti-Rotating Stall Schedule
HX	Heat Exchanger	T/R	Transformer Rectifier
IAS	Instrument Air Supply	ZBL	Zero Ball Loss condenser cleaning system