

# AUSLEY & McMULLEN

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July 27, 2015

**ELECTRONIC FILING**

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

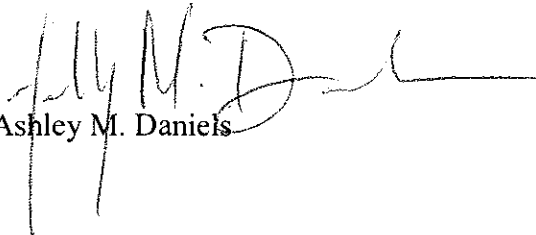
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance  
Incentive Factor; FPSC Docket No. 150001-EI

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 June 2015.

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 has been furnished by electronic mail on this 27th day of July 2015, to the following:

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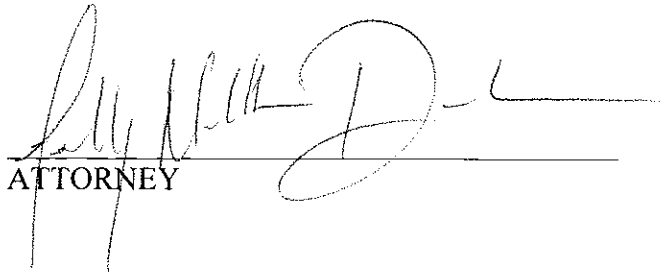
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ATTORNEY

ORIGINAL SHEET NO. 8.401.15A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2015 - DECEMBER 2015

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 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	64.4	86.8	76.6	93.3	80.0	86.3							81.0
2. PH	744	672	743	720	744	720							4343
3. SH	532.3	672.0	681.9	719.6	642.6	719.7							3968.0
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
5. UH	211.8	0.0	61.1	0.4	101.4	0.3							375.0
6. POH	211.8	0.0	0.0	0.0	0.0	0.0							211.8
7. FOH	0.0	0.0	61.1	0.4	53.2	0.0							114.7
8. MOH	0.0	0.0	0.0	0.0	48.3	0.3							48.6
9. PFOH	520.0	677.8	668.6	705.8	605.8	651.7							3829.7
10. LR PF (MW)	40.4	51.7	65.2	25.4	28.2	44.0							42.6
11. PMOH	0.3	0.3	6.3	6.3	8.1	51.1							72.3
12. LR PM (MW)	0.0	0.0	175.5	78.1	144.8	177.2							163.4
13. NSC (MW)	395	395	395	385	385	385							390
14. OPR BTU(GBTU)	1839.1280	2360.6453	2350.0427	2664.6952	2375.0419	2381.2968							13970.8500
15. NET GEN (MWH)	172923	224631	218619	252349	224991	218554							1312067
16. ANOHR (BTU/KWH)	10636	10509	10749	10560	10556	10896							10648
17. NOF (%)	82.3	84.6	81.2	91.1	90.9	78.9							84.8
18. NPC (MW)	395	395	395	385	385	385							390
19. ANOHR EQUATION	ANOHR = NOF ( 2.316 ) + ( 10,342.99 )												

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ORIGINAL SHEET NO. 8.401.15A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2015 - DECEMBER 2015

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 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	25.9	0.0	36.8	76.2	55.3	0.4							32.9
2. PH	744	672	743	720	744	720							4343
3. SH	231.3	0.0	345.1	720.0	527.7	2.6							1826.7
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
5. UH	512.7	672.0	397.9	0.0	216.3	717.4							2516.3
6. POH	235.8	0.0	0.0	0.0	137.0	281.4							654.1
7. FOH	276.9	672.0	397.9	0.0	79.3	436.0							1862.1
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
9. PFOH	227.3	0.0	339.4	701.7	506.2	0.0							1774.7
10. LR PF (MW)	67.3	0.0	83.6	90.4	81.7	0.0							83.7
11. PMOH	0.5	0.0	0.0	18.3	21.5	0.0							40.3
12. LR PM (MW)	0.0	0.0	0.0	134.2	160.4	0.0							146.5
13. NSC (MW)	395	395	395	385	385	385							388
14. OPR BTU(GBTU)	738.8508	0.0000	1079.5469	2183.3692	1635.5398	0.0000							5637.3067
15. NET GEN (MWH)	69574	0	102284	203080	152610	4							527552
16. ANOHR (BTU/KWH)	10620	0	10554	10751	10717	0							10686
17. NOF (%)	76.1	0.0	75.0	73.3	75.1	0.4							74.4
18. NPC (MW)	395	395	395	385	385	385							390
19. ANOHR EQUATION	ANOHR = NOF	(	-6.562	)	+	10,987.10	)						

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ORIGINAL SHEET NO. 8.401.15A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2015 - DECEMBER 2015

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 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	41.7	37.9	0.0	67.9	96.5	92.0							56.1
2. PH	744	672	743	720	744	720							4343
3. SH	311.0	290.1	0.0	530.7	740.2	706.9							2579.0
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
5. UH	433.0	381.9	743.0	189.3	3.8	13.1							1764.0
6. POH	328.0	0.0	0.0	0.0	0.0	0.0							328.0
7. FOH	105.0	381.9	743.0	189.3	3.8	13.1							1436.0
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
9. PFOH	12.5	94.5	0.0	95.7	10.9	371.6							585.3
10. LR PF (MW)	19.0	117.3	0.0	144.9	184.2	15.5							56.3
11. PMOH	0.0	26.0	0.0	17.4	34.0	53.7							131.0
12. LR PM (MW)	0.0	118.4	0.0	146.2	197.4	221.2							184.7
13. NSC (MW)	400	400	400	395	395	395							396
14. OPR BTU(GBTU)	1230.4278	975.0337	0.0000	1897.9068	2936.1379	2654.2629							9693.7691
15. NET GEN (MWH)	118033	96603	0	182744	284110	253297							934787
16. ANOHR BTU/KWH	10424	10093	0	10386	10335	10479							10370
17. NOF (%)	94.9	83.2	0.0	87.2	97.2	90.7							91.5
18. NPC (MW)	400	400	400	395	395	395							398
19. ANOHR EQUATION	ANOHR = NOF	(	-20.119	)	+	12,356.06	)						

ORIGINAL SHEET NO. 8.401.15A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2015 - DECEMBER 2015

PLANT/UNIT	MONTH OF: JAN 15	MONTH OF: FEB 15	MONTH OF: MAR 15	MONTH OF: APR 15	MONTH OF: MAY 15	MONTH OF: JUN 15	MONTH OF: JUL 15	MONTH OF: AUG 15	MONTH OF: SEP 15	MONTH OF: OCT 15	MONTH OF: NOV 15	MONTH OF: DEC 15	PERIOD 2015
1. EAF (%)	89.3	94.2	71.6	75.1	43.0	94.5							77.6
2. PH	744	672	743	720	744	720							4343
3. SH	737.2	672.0	690.9	625.1	367.7	720.0							3813.0
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
5. UH	6.8	0.0	52.1	94.9	376.3	0.0							530.0
6. POH	0.0	0.0	0.0	0.0	334.1	0.0							334.1
7. FOH	6.8	0.0	52.1	94.9	8.3	0.0							162.0
8. MOH	0.0	0.0	0.0	0.0	33.9	0.0							33.9
9. PFOH	623.5	385.3	574.2	593.8	128.1	573.0							2877.9
10. LR PF (MW)	49.6	43.8	114.9	62.2	157.5	27.1							64.8
11. PMOH	5.3	2.0	16.5	0.5	5.3	7.6							37.3
12. LR PM (MW)	265.2	241.9	255.9	0.0	144.2	248.5							235.3
13. NSC (MW)	442	442	442	437	437	437							440
14. OPR BTU(GBTU)	2912.9682	2749.3877	2353.6322	2425.5531	1361.2335	2890.0595							14692.8341
15. NET GEN (MWH)	281282	265001	220972	227208	132124	279714							1406301
16. ANOHR BTU/KWH	10356	10375	10651	10675	10303	10332							10448
17. NOF (%)	86.3	89.2	72.4	83.2	82.2	88.9							83.9
18. NPC (MW)	442	442	442	437	437	437							440
19. ANOHR EQUATION	ANOHR = NOF	(	-0.940	)	+	10,507.72	)						

ORIGINAL SHEET NO. 8.401.15A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2015 - DECEMBER 2015

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 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	99.5	97.4	28.1	0.0	46.4	82.6							58.6
2. PH	744	672	743	720	744	720							4343
3. SH	740.4	654.6	208.6	0.0	345.2	594.5							2543.2
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
5. UH	3.6	17.4	534.4	720.0	398.8	125.5							1799.8
6. POH	0.0	0.0	534.4	644.0	0.0	0.0							1178.4
7. FOH	3.6	17.4	0.0	76.0	398.8	8.8							504.6
8. MOH	0.0	0.0	0.0	0.0	0.0	116.8							116.8
9. PFOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
10. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0							0.0
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
12. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	0.0							0.0
13. NSC (MW)	220	220	220	220	220	220							220
14. OPR BTU(GBTU)	1637.4274	1517.2426	433.2755	0.2600	538.1340	846.0231							4972.3627
15. NET GEN (MWH)	164627	147869	43671	-4977	60354	89147							500691
16. ANOHR BTU/KWH	9946	10261	9921	0	8916	9490							9931
17. NOF (%)	101.1	102.7	95.2	0.0	79.5	68.2							89.5
18. NPC (MW)	220	220	220	220	220	220							220
19. ANOHR EQUATION	ANOHR = NOF	(	-47.266	)	+	15,116.96	)						

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ORIGINAL SHEET NO. 8.401.15A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2015 - DECEMBER 2015

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 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	96.5	91.5	100.0	54.5	98.3	99.7							90.2
2. PH	744	672	743	720	744	720							4343
3. SH	415.9	663.6	743.0	418.7	744.0	720.0							3705.3
4. RSH	328.1	0.0	0.0	0.4	0.0	0.0							328.5
5. UH	0.0	8.4	0.0	300.9	0.0	0.0							309.2
6. POH	0.0	0.0	0.0	300.9	0.0	0.0							300.9
7. FOH	0.0	8.4	0.0	0.0	0.0	0.0							8.4
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
9. PFOH	30.6	146.5	0.0	7.7	31.7	0.7							217.2
10. LR PF (MW)	264.0	264.0	0.0	233.7	233.7	233.7							258.4
11. PMOH	47.0	0.0	0.0	720.0	6.9	5.3							779.2
12. LR PM (MW)	264.0	0.0	0.0	23.4	233.7	233.7							41.2
13. NSC (MW)	792	792	792	701	701	701							746
14. OPR BTU(GBTU)	1180.5760	2396.3580	2947.0150	1419.8050	2689.6150	2837.3740							13470.7430
15. NET GEN (MWH)	157484	320208	401081	189512	363344	387907							1819536
16. ANOHR (BTU/KWH)	7496	7484	7348	7492	7402	7315							7403
17. NOF (%)	47.8	60.9	68.2	64.6	69.7	76.9							65.8
18. NPC (MW)	792	792	792	701	701	701							747
19. ANOHR EQUATION	ANOHR = NOF ( -12.819 ) + 8,084.29 )												

ORIGINAL SHEET NO. 8.401.15A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2015 - DECEMBER 2015

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 15	FEB 15	MAR 15	APR 15	MAY 15	JUN 15	JUL 15	AUG 15	SEP 15	OCT 15	NOV 15	DEC 15	2015
1. EAF (%)	97.7	73.7	73.0	99.5	97.1	99.7							90.2
2. PH	744	672	743	720	744	720							4343
3. SH	731.8	304.8	562.9	720.0	744.0	720.0							3783.6
4. RSH	12.2	221.9	0.0	0.0	0.0	0.0							234.2
5. UH	0.0	145.2	180.1	0.0	0.0	0.0							325.3
6. POH	0.0	145.2	180.1	0.0	0.0	0.0							325.3
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0							0.0
9. PFOH	25.8	2.7	18.5	15.0	80.1	7.2							149.4
10. LR PF (MW)	261.8	261.8	261.8	232.3	232.3	232.3							241.5
11. PMOH	43.9	672.0	553.0	0.0	7.4	0.0							1276.4
12. LR PM (MW)	261.8	47.7	30.2	0.0	232.3	0.0							48.6
13. NSC (MW)	1047	1047	1047	929	929	929							979
14. OPR BTU(GBTU)	3120.5920	1392.9090	2668.5240	3603.1780	3527.2140	3730.5400							18042.9570
15. NET GEN (MWH)	416548	184652	358379	475545	475533	507368							2418025
16. ANOHR (BTU/KWH)	7492	7543	7446	7577	7417	7353							7462
17. NOF (%)	54.4	57.9	60.8	71.1	68.8	75.9							65.3
18. NPC (MW)	1047	1047	1047	929	929	929							988
19. ANOHR EQUATION	ANOHR = NOF	(	-7.052	)	+	7,811.35	)						

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**Tampa Electric Company**  
**Outage Listing**  
(06/01/2015 - 06/30/2015)

Unit:		BIG BEND 1		MDC:		410		Run Date:		7/10/2015	
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	
289	Maintenance Outage	05/29/2015	23:45:00	06/01/2015	00:20:00	0.33	0	8100	POLL FGD outage		
290	Partial Forced Immed	06/01/2015	07:55:00	06/01/2015	08:55:00	1	400	8551	POLL	Precipitator TR sets failed/ out of service	
291	Partial Forced Immed	06/01/2015	08:55:00	06/01/2015	11:31:00	2.6	405	8551	POLL	Precipitator TR sets failed/ out of service	
292	Partial Forced Immed	06/01/2015	11:31:00	06/01/2015	18:51:00	7.33	400	8551	POLL	Precipitator TR sets failed/ out of service	
293	Partial Forced Immed	06/01/2015	18:51:00	06/01/2015	19:08:00	0.28	395	8551	POLL	Precipitator TR sets failed/ out of service	
294	Partial Forced Immed	06/01/2015	19:08:00	06/01/2015	21:30:00	2.37	385	8551	POLL	Precipitator TR sets failed/ out of service	
295	Partial Forced Immed	06/01/2015	21:30:00	06/02/2015	04:40:00	7.17	395	8551	POLL	Precipitator TR sets failed/ out of service	
296	Partial Forced Immed	06/02/2015	04:40:00	06/02/2015	09:55:00	5.25	400	8551	POLL	Precipitator TR sets failed/ out of service	
297	Partial Forced Immed	06/02/2015	09:55:00	06/02/2015	15:50:00	5.92	405	8551	POLL	Precipitator TR sets failed/ out of service	
298	Partial Forced Immed	06/02/2015	15:50:00	06/02/2015	22:00:00	6.17	380	8760	CEM	High opacity. Suspect wet opacity monitor due to rain.	
299	Partial Forced Immed	06/02/2015	22:00:00	06/03/2015	08:00:00	10	400	8551	POLL	Precipitator TR sets failed/ out of service	
300	Partial Forced Immed	06/03/2015	08:00:00	06/03/2015	16:00:00	8	405	8551	POLL	Precipitator TR sets failed/ out of service	
301	Partial Forced Immed	06/03/2015	16:00:00	06/03/2015	21:00:00	5	400	8551	POLL	Precipitator TR sets failed/ out of service	
302	Partial Forced Immed	06/03/2015	21:00:00	06/04/2015	06:00:00	9	380	8551	POLL	Precipitator TR sets failed/ out of service	
303	Partial Forced Immed	06/04/2015	06:00:00	06/04/2015	11:48:00	5.8	400	8551	POLL	Precipitator TR sets failed/ out of service	
304	Partial Forced Immed	06/04/2015	11:48:00	06/05/2015	23:45:00	35.95	370	8551	POLL	Precipitator TR sets failed/ out of service	
305	Planned Derating	06/05/2015	23:45:00	06/06/2015	06:40:00	6.92	250	0260	BLR	C Primary Air fan cooling water leak repair	
306	Partial Forced Immed	06/06/2015	06:40:00	06/06/2015	21:10:00	14.5	380	8551	POLL	Precipitator TR sets failed/ out of service	
307	Noncurtailing	06/06/2015	21:10:00	06/07/2015	00:30:00	3.33	285	0340	BLR	Mill peaking	
308	Partial Forced Immed	06/07/2015	00:30:00	06/07/2015	03:10:00	2.67	380	8551	POLL	Precipitator TR sets failed/ out of service	
309	Partial Forced Immed	06/07/2015	03:10:00	06/07/2015	03:55:00	0.75	250	0330	BLR	B Pulverizer coal leak repairs	
310	Partial Forced Immed	06/07/2015	03:55:00	06/07/2015	23:35:00	19.67	380	8551	POLL	Precipitator TR sets failed/ out of service	
311	Planned Derating	06/07/2015	23:35:00	06/08/2015	04:05:00	4.5	240	0127	BLR	A1 & A2 Crusher Dryer inspections	
312	Partial Forced Immed	06/08/2015	04:05:00	06/08/2015	14:20:00	10.25	380	8551	POLL	Precipitator TR sets failed/ out of service	
313	Partial Forced Immed	06/08/2015	14:20:00	06/08/2015	22:15:00	7.92	375	8551	POLL	Precipitator TR sets failed/ out of service	
314	Partial Forced Immed	06/08/2015	22:15:00	06/08/2015	23:45:00	1.5	365	8551	POLL	Precipitator TR sets failed/ out of service	
315	Partial Forced Immed	06/08/2015	23:45:00	06/09/2015	06:00:00	6.25	375	8551	POLL	Precipitator TR sets failed/ out of service	
316	Partial Forced Immed	06/09/2015	06:00:00	06/10/2015	22:11:00	40.18	370	8551	POLL	Precipitator TR sets failed/ out of service	
317	Partial Forced Immed	06/10/2015	22:11:00	06/11/2015	06:00:00	7.82	385	8551	POLL	Precipitator TR sets failed/ out of service	
318	Partial Forced Immed	06/11/2015	06:00:00	06/11/2015	12:28:00	6.47	380	8551	POLL	Precipitator TR sets failed/ out of service	
319	Partial Forced Immed	06/11/2015	12:28:00	06/11/2015	14:24:00	1.93	375	8551	POLL	Precipitator TR sets failed/ out of service	

**Tampa Electric Company  
Outage Listing  
(06/01/2015 - 06/30/2015)**

Unit:		BIG BEND 1		MDC:		410		Run Date:		7/10/2015	
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	
320	Partial Forced Immed	06/11/2015	14:24:00	06/12/2015	00:30:00	10.1	365	8551	POLL	Precipitator TR sets failed/ out of service	
321	Noncurtailing	06/12/2015	00:30:00	06/12/2015	04:00:00	3.5	300	8590	POLL	Precipitator power off rapping	
322	Partial Forced Immed	06/12/2015	04:00:00	06/12/2015	08:00:00	4	365	8551	POLL	Precipitator TR sets failed/ out of service	
323	Partial Forced Immed	06/12/2015	08:00:00	06/13/2015	19:00:00	35	370	8551	POLL	Precipitator TR sets failed/ out of service	
324	Partial Forced Immed	06/13/2015	19:00:00	06/13/2015	21:00:00	2	365	8551	POLL	Precipitator TR sets failed/ out of service	
325	Partial Forced Immed	06/13/2015	21:00:00	06/14/2015	01:20:00	4.33	360	8551	POLL	Precipitator TR sets failed/ out of service	
326	Planned Derating	06/14/2015	01:20:00	06/14/2015	10:30:00	9.17	250	0262	BLR	A PA Fan oil change	
327	Partial Forced Immed	06/14/2015	10:30:00	06/14/2015	13:00:00	2.5	370	8551	POLL	Precipitator TR sets failed/ out of service	
328	Partial Forced Immed	06/14/2015	13:00:00	06/15/2015	10:39:00	21.65	365	8551	POLL	Precipitator TR sets failed/ out of service	
329	Partial Forced Immed	06/15/2015	10:39:00	06/15/2015	12:57:00	2.3	360	8551	POLL	Precipitator TR sets failed/ out of service	
330	Partial Forced Immed	06/15/2015	12:57:00	06/15/2015	14:15:00	1.3	350	8551	POLL	Precipitator TR sets failed/ out of service	
331	Partial Forced Immed	06/15/2015	14:15:00	06/15/2015	22:25:00	8.17	340	8551	POLL	Precipitator TR sets failed/ out of service	
332	Planned Derating	06/15/2015	22:25:00	06/16/2015	03:52:00	5.45	230	0250	BLR	A2 Coal feeder belt replacement	
333	Partial Forced Immed	06/16/2015	03:52:00	06/16/2015	17:00:00	13.13	360	8551	POLL	Precipitator TR sets failed/ out of service	
334	Partial Forced Immed	06/16/2015	17:00:00	06/17/2015	00:23:00	7.38	355	8551	POLL	Precipitator TR sets failed/ out of service	
335	Partial Forced Delayed	06/17/2015	00:23:00	06/17/2015	03:30:00	3.12	240	0250	BLR	A2 Coal feeder belt tracking issues	
336	Partial Forced Immed	06/17/2015	03:30:00	06/17/2015	07:28:00	3.97	355	8551	POLL	Precipitator TR sets failed/ out of service	
337	Partial Forced Immed	06/17/2015	07:28:00	06/17/2015	10:00:00	2.53	370	8551	POLL	Precipitator TR sets failed/ out of service	
338	Partial Forced Immed	06/17/2015	10:00:00	06/17/2015	16:00:00	6	365	8551	POLL	Precipitator TR sets failed/ out of service	
339	Partial Forced Immed	06/17/2015	16:00:00	06/17/2015	23:50:00	7.83	360	8551	POLL	Precipitator TR sets failed/ out of service	
340	Planned Derating	06/17/2015	23:50:00	06/18/2015	04:25:00	4.58	255	0313	BLR	C Pulverizer trunnion oil seal replacement	
341	Partial Forced Immed	06/18/2015	04:25:00	06/18/2015	09:00:00	4.58	360	8551	POLL	Precipitator TR sets failed/ out of service	
342	Partial Forced Immed	06/18/2015	09:00:00	06/18/2015	14:00:00	5	370	8551	POLL	Precipitator TR sets failed/ out of service	
343	Partial Forced Immed	06/18/2015	14:00:00	06/18/2015	15:30:00	1.5	365	8551	POLL	Precipitator TR sets failed/ out of service	
344	Partial Forced Immed	06/18/2015	15:30:00	06/19/2015	08:00:00	16.5	355	8551	POLL	Precipitator TR sets failed/ out of service	
345	Partial Forced Immed	06/19/2015	08:00:00	06/19/2015	12:40:00	4.67	350	8551	POLL	Precipitator TR sets failed/ out of service	
346	Partial Forced Immed	06/19/2015	12:40:00	06/20/2015	01:46:00	13.1	345	8551	POLL	Precipitator TR sets failed/ out of service	
347	Planned Derating	06/20/2015	01:46:00	06/20/2015	11:15:00	9.48	172	3113	COND	A Condenser cleaning	
348	Partial Forced Immed	06/20/2015	11:15:00	06/20/2015	13:35:00	2.33	350	8551	POLL	Precipitator TR sets failed/ out of service	

**Tampa Electric Company  
Outage Listing  
(06/01/2015 - 06/30/2015)**

Unit:		BIG BEND 1		MDC:		410		Run Date:		7/10/2015	
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	
349	Partial Forced Immed	06/20/2015	13:35:00	06/20/2015	22:50:00	9.25	360	8551	POLL	Precipitator TR sets failed/ out of service	
350	Partial Forced Immed	06/20/2015	22:50:00	06/21/2015	15:40:00	16.83	350	8551	POLL	Precipitator TR sets failed/ out of service	
351	Partial Forced Immed	06/21/2015	15:40:00	06/21/2015	17:00:00	1.33	345	8551	POLL	Precipitator TR sets failed/ out of service	
352	Partial Forced Immed	06/21/2015	17:00:00	06/21/2015	18:00:00	1	370	8551	POLL	Precipitator TR sets failed/ out of service	
353	Partial Forced Immed	06/21/2015	18:00:00	06/22/2015	01:00:00	7	355	8551	POLL	Precipitator TR sets failed/ out of service	
354	Planned Derating	06/22/2015	01:00:00	06/22/2015	06:08:00	5.13	180	3113	COND	A Condenser cleaning	
355	Partial Forced Immed	06/22/2015	06:08:00	06/23/2015	00:22:00	18.23	370	8551	POLL	Precipitator TR sets failed/ out of service	
356	Planned Derating	06/23/2015	00:22:00	06/23/2015	05:55:00	5.55	200	3113	COND	B Condenser cleaning	
357	Partial Forced Immed	06/23/2015	05:55:00	06/23/2015	12:00:00	6.08	375	8551	POLL	Precipitator TR sets failed/ out of service	
358	Partial Forced Immed	06/23/2015	12:00:00	06/23/2015	18:00:00	6	360	8551	POLL	Precipitator TR sets failed/ out of service	
359	Partial Forced Immed	06/23/2015	18:00:00	06/23/2015	19:40:00	1.67	355	8551	POLL	Precipitator TR sets failed/ out of service	
360	Partial Forced Immed	06/23/2015	19:40:00	06/23/2015	20:48:00	1.13	340	8551	POLL	Precipitator TR sets failed/ out of service	
361	Partial Forced Immed	06/23/2015	20:48:00	06/23/2015	21:35:00	0.78	350	8551	POLL	Precipitator TR sets failed/ out of service	
362	Partial Forced Immed	06/23/2015	21:35:00	06/24/2015	18:29:00	20.9	355	8551	POLL	Precipitator TR sets failed/ out of service	
363	Partial Forced Immed	06/24/2015	18:29:00	06/24/2015	23:45:00	5.27	340	8551	POLL	Precipitator TR sets failed/ out of service	
364	Partial Forced Immed	06/24/2015	23:45:00	06/25/2015	03:50:00	4.08	345	8551	POLL	Precipitator TR sets failed/ out of service	
365	Partial Forced Immed	06/25/2015	03:50:00	06/25/2015	23:21:00	19.52	350	8551	POLL	Precipitator TR sets failed/ out of service	
366	Partial Forced Immed	06/25/2015	23:21:00	06/26/2015	01:04:00	1.72	340	8551	POLL	Precipitator TR sets failed/ out of service	
367	Partial Maintenance	06/26/2015	01:04:00	06/26/2015	01:20:00	0.27	185	4268	TURB	Main Turbine valve testing	
368	Partial Forced Immed	06/26/2015	01:20:00	06/26/2015	10:10:00	8.83	350	8551	POLL	Precipitator TR sets failed/ out of service	
369	Partial Forced Immed	06/26/2015	10:10:00	06/27/2015	06:00:00	19.83	345	8551	POLL	Precipitator TR sets failed/ out of service	
370	Partial Forced Immed	06/27/2015	06:00:00	06/29/2015	01:00:00	43	340	8551	POLL	Precipitator TR sets failed/ out of service	
371	Noncurtailing	06/29/2015	01:00:00	06/29/2015	03:30:00	2.5	290	0340	BLR	Mill peaking	
372	Partial Forced Immed	06/29/2015	03:30:00	07/01/2015	00:00:00	44.5	340	8551	POLL	Precipitator TR sets failed/ out of service	

**Tampa Electric Company  
Outage Listing  
(06/01/2015 - 06/30/2015)**

Unit:		BIG BEND 2		MDC:		410		Run Date:		7/10/2015	
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	
82	Planned Outage	05/26/2015	07:00:00	06/12/2015	17:23:00	281.38	0	0380	BLR	Completed Igniter gas conversion	
83	Full Forced Immed	06/12/2015	19:54:00	06/12/2015	19:55:00	0.02	0	4302	TURB	Turbine trip testing	
84	Full Forced Immed	06/12/2015	20:00:00	07/01/2015	00:00:00	436	0	4240	TURB	#6 Bearing vibration	

**Tampa Electric Company  
Outage Listing  
(06/01/2015 - 06/30/2015)**

Unit:		BIG BEND 3		MDC:		420		Run Date:		7/10/2015	
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	
54	Partial Forced Delayed	06/03/2015	01:00:00	06/03/2015	04:00:00	3	225	3113	COND	A Condenser clean	
56	Planned Derating	06/05/2015	00:30:00	06/05/2015	01:50:00	1.33	205	1400	BLR	B Forced draft fan oil change	
57	Planned Derating	06/05/2015	01:50:00	06/05/2015	05:20:00	3.5	270	0270	BLR	B1 Bypass damper repair	
58	Partial Maintenance	06/06/2015	00:56:00	06/06/2015	01:15:00	0.32	310	4268	TURB	Main Turbine valve testing	
59	Planned Derating	06/08/2015	11:59:00	06/09/2015	03:35:00	15.6	185	3113	COND	A Condenser cleaning	
60	Planned Derating	06/09/2015	23:45:00	06/10/2015	03:00:00	3.25	180	1400	BLR	A Forced draft fan OB bearing oil change	
61	Partial Forced Immed	06/10/2015	10:59:00	06/10/2015	14:45:00	3.77	280	0340	BLR	A2 Mill lift oil pump failure	
62	Partial Forced Immed	06/12/2015	06:05:00	06/12/2015	22:30:00	16.42	415	0530	BLR	Low steam temps due to boiler deslagging at lower loa	
63	Partial Maintenance	06/12/2015	22:30:00	06/12/2015	23:15:00	0.75	330	4268	TURB	Main Turbine valve testing	
64	Full Forced Immed	06/12/2015	23:15:00	06/13/2015	12:20:00	13.08	0	3412	BLPT	High pressure stop valve stuck closed	
65	Partial Forced Immed	06/13/2015	12:20:00	06/14/2015	00:15:00	11.92	415	0530	BLR	Low steam temps due to boiler deslagging at lower loa	
66	Noncurtailing	06/14/2015	00:15:00	06/14/2015	03:00:00	2.75	350	0340	BLR	Mill peaking	
67	Partial Forced Immed	06/14/2015	03:00:00	06/15/2015	18:00:00	39	415	0530	BLR	Low steam temps due to boiler deslagging at lower loa	
68	Partial Forced Immed	06/15/2015	18:00:00	06/16/2015	21:25:00	27.42	410	3112	COND	Dirty condenser	
69	Partial Forced Immed	06/16/2015	21:25:00	06/17/2015	00:13:00	2.8	370	3112	COND	Dirty condenser	
70	Planned Derating	06/17/2015	00:13:00	06/17/2015	03:30:00	3.28	180	3113	COND	A Condenser cleaning	
71	Partial Forced Immed	06/18/2015	19:00:00	06/19/2015	23:58:00	28.97	415	0530	BLR	Low steam temps due to boiler deslagging at lower loa	
72	Partial Forced Immed	06/19/2015	23:58:00	06/21/2015	00:40:00	24.7	400	3112	COND	Dirty condenser	
73	Planned Derating	06/21/2015	00:40:00	06/21/2015	04:35:00	3.92	175	3113	COND	A Condenser cleaning	
74	Partial Forced Immed	06/21/2015	04:35:00	06/22/2015	07:06:00	26.52	415	0530	BLR	Low steam temps due to boiler deslagging at lower loa	
75	Partial Forced Immed	06/22/2015	07:06:00	06/23/2015	02:48:00	19.7	412	1492	BLR	Dirty APH	
76	Partial Forced Immed	06/23/2015	02:48:00	06/23/2015	05:06:00	2.3	385	3112	COND	Dirty condenser	
77	Partial Forced Immed	06/23/2015	05:06:00	06/23/2015	16:13:00	11.12	400	3112	COND	Dirty condenser	
78	Partial Forced Immed	06/23/2015	16:13:00	06/23/2015	18:45:00	2.53	395	3112	COND	Dirty condenser	
79	Partial Forced Immed	06/23/2015	18:45:00	06/24/2015	00:15:00	5.5	390	3112	COND	Dirty condenser	
80	Planned Derating	06/24/2015	00:15:00	06/24/2015	03:40:00	3.42	180	3113	COND	A Condenser cleaning	
81	Partial Forced Immed	06/24/2015	03:40:00	06/25/2015	10:57:00	31.28	415	0530	BLR	Low steam temps due to boiler deslagging at lower loa	
82	Partial Forced Immed	06/25/2015	10:57:00	06/26/2015	18:00:00	31.05	410	1492	BLR	Dirty APH	
83	Partial Forced Immed	06/26/2015	18:00:00	06/27/2015	01:20:00	7.33	415	0530	BLR	Low steam temps due to boiler deslagging at lower loa	
84	Planned Derating	06/27/2015	01:20:00	06/27/2015	10:00:00	8.67	165	3113	COND	A Condenser cleaning	
85	Partial Forced Immed	06/27/2015	10:00:00	06/28/2015	01:20:00	15.33	415	0530	BLR	Low steam temps due to boiler deslagging at lower loa	

**Tampa Electric Company  
Outage Listing  
(06/01/2015 - 06/30/2015)**

Unit:		BIG BEND 3		MDC:		420		Run Date:		7/10/2015	
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	
86	Planned Derating	06/28/2015	01:20:00	06/28/2015	11:00:00	9.67	180	3113	COND	B Condenser cleaning	
87	Partial Forced Immed	06/28/2015	11:00:00	06/28/2015	18:00:00	7	410	0530	BLR	Low steam temps due to boiler deslagging at lower loa	
88	Partial Forced Immed	06/28/2015	18:00:00	07/01/2015	00:00:00	54	415	1492	BLR	Dirty APH	



**Tampa Electric Company  
Outage Listing  
(06/01/2015 - 06/30/2015)**

Unit:		BIG BEND 4		MDC:		470		Run Date:		7/10/2015	
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	
140	Partial Forced Immed	06/04/2015	12:15:00	06/05/2015	06:00:00	17.75	450	0530	BLR	Low steam temps due to boiler deslagging at lower loa	
141	Partial Forced Immed	06/05/2015	06:00:00	06/05/2015	17:50:00	11.83	455	0530	BLR	Low steam temps due to boiler deslagging at lower loa	
142	Partial Forced Immed	06/05/2015	17:50:00	06/07/2015	06:00:00	36.17	460	0530	BLR	Low steam temps due to boiler deslagging at lower loa	
143	Partial Forced Immed	06/07/2015	06:00:00	06/08/2015	10:45:00	28.75	465	0530	BLR	Low steam temps due to boiler deslagging at lower loa	
144	Partial Forced Immed	06/08/2015	10:45:00	06/08/2015	17:00:00	6.25	455	0530	BLR	Low steam temps due to boiler deslagging at lower loa	
145	Partial Forced Immed	06/08/2015	17:00:00	06/09/2015	05:50:00	12.83	450	0530	BLR	Low steam temps due to boiler deslagging at lower loa	
146	Partial Forced Immed	06/09/2015	05:50:00	06/09/2015	10:52:00	5.03	460	0530	BLR	Low steam temps due to boiler deslagging at lower loa	
147	Partial Forced Immed	06/09/2015	10:52:00	06/09/2015	10:58:00	0.1	374	0250	BLR	D Coal feeder tripped due to coal flow switch	
148	Partial Forced Immed	06/09/2015	10:58:00	06/09/2015	11:33:00	0.58	460	0530	BLR	Low steam temps due to boiler deslagging at lower loa	
149	Partial Forced Immed	06/09/2015	11:33:00	06/09/2015	11:40:00	0.12	404	0250	BLR	E Coal feeder tripped	
150	Partial Forced Immed	06/09/2015	11:40:00	06/11/2015	07:56:00	44.27	460	0530	BLR	Low steam temps due to boiler deslagging at lower loa	
151	Partial Forced Immed	06/11/2015	07:56:00	06/13/2015	18:00:00	58.07	465	0530	BLR	Low steam temps due to boiler deslagging at lower loa	
152	Partial Forced Immed	06/14/2015	09:30:00	06/14/2015	12:00:00	2.5	465	0530	BLR	Low steam temps due to boiler deslagging at lower loa	
153	Partial Forced Immed	06/15/2015	05:00:00	06/15/2015	20:35:00	15.58	465	0530	BLR	Low steam temps due to boiler deslagging at lower loa	
154	Partial Forced Immed	06/16/2015	17:38:00	06/16/2015	18:38:00	1	225	8262	POLL	C Booster fan tripped on high vibration	
155	Partial Forced Immed	06/16/2015	20:14:00	06/17/2015	07:42:00	11.47	465	0530	BLR	Low steam temps due to boiler deslagging at lower loa	
156	Partial Forced Immed	06/17/2015	07:42:00	06/17/2015	08:24:00	0.7	420	1470	BLR	A ID Fan channel 2 tripped	
157	Partial Forced Immed	06/17/2015	08:24:00	06/17/2015	10:43:00	2.32	465	0530	BLR	Low steam temps due to boiler deslagging at lower loa	
158	Partial Forced Immed	06/17/2015	10:43:00	06/17/2015	12:28:00	1.75	420	1470	BLR	A ID Fan channel 2 tripped	
159	Partial Forced Immed	06/17/2015	12:28:00	06/17/2015	13:15:00	0.78	465	0530	BLR	Low steam temps due to boiler deslagging at lower loa	
160	Partial Forced Immed	06/17/2015	13:15:00	06/17/2015	14:27:00	1.2	420	1470	BLR	A ID Fan channel 2 tripped	
161	Partial Forced Immed	06/17/2015	14:27:00	06/17/2015	17:50:00	3.38	125	8260	POLL	D Booster fan tripped	
162	Partial Forced Immed	06/17/2015	17:50:00	06/19/2015	00:28:00	30.63	430	1470	BLR	A ID Fan channel 2 out of service	
163	Planned Derating	06/19/2015	00:28:00	06/19/2015	03:30:00	3.03	220	1470	BLR	A ID Fan channel 2 troubleshooting and repair	
164	Partial Forced Immed	06/19/2015	03:30:00	06/20/2015	13:00:00	33.5	460	0530	BLR	Low steam temps due to boiler deslagging at lower loa	
165	Partial Forced Immed	06/20/2015	13:00:00	06/20/2015	17:00:00	4	450	8262	POLL	D Booster fan high vibration	
166	Partial Forced Immed	06/20/2015	17:00:00	06/21/2015	17:00:00	24	445	8262	POLL	D Booster fan high vibration	
167	Partial Forced Immed	06/21/2015	17:00:00	06/21/2015	20:40:00	3.67	440	8262	POLL	D Booster fan high vibration	
168	Partial Forced Immed	06/21/2015	20:40:00	06/25/2015	01:24:00	76.73	435	8262	POLL	D Booster fan high vibration	
169	Planned Derating	06/25/2015	01:24:00	06/25/2015	05:00:00	3.6	200	1470	BLR	A ID fan channel 2 card replacement	
170	Partial Forced Immed	06/25/2015	05:00:00	06/30/2015	23:00:00	138	435	8262	POLL	D Booster fan high vibration	

**Tampa Electric Company  
Outage Listing  
(06/01/2015 - 06/30/2015)**

Unit:		BIG BEND 4		MDC:		470		Run Date:		7/10/2015	
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	
171	Planned Derating	06/30/2015	23:00:00	07/01/2015	01:00:00	1	200	1470	BLR	A ID Fan channel 2 card replacement	

**Tampa Electric Company  
Outage Listing  
(06/01/2015 - 06/30/2015)**

Unit:		POLK 1		MDC:		290		Run Date:		7/10/2015	
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	01/01/2015	00:00:00	06/14/2015	19:17:00	331.28	0	4613	GEN	Seals persistently leak, giving casing liquid level detec	
23	Partial Forced Immed	05/18/2015	08:08:00	06/29/2015	00:33:00	672.53	200	5049	GAST	1J, Comanders after cooler leak, water plugged cryoc	
24	Partial Forced Immed	06/09/2015	06:29:00	06/09/2015	07:32:00	1.05	155	5049	GAST	STG Tripped on High HP Drum Level	
25	Maintenance Outage	06/09/2015	22:31:00	06/14/2015	19:17:00	116.77	0	4899	GEN	Generator seals repair	
26	Full Forced Immed	06/14/2015	19:49:00	06/14/2015	21:13:00	1.4	0	4710	GEN	Switzer issues	
27	Partial Forced Immed	06/14/2015	22:50:00	06/14/2015	23:43:00	0.88	155	4308	TURB	Turbine Control for Start-up fault	
28	Full Forced Immed	06/18/2015	09:40:00	06/18/2015	11:12:00	1.53	0	4710	GEN	Loose wire for generator breaker on metering device tr	
29	Partial Forced Immed	06/25/2015	17:08:00	06/25/2015	22:30:00	5.37	155	9036	EXTL	Flapping Tarp in ASU tripped 230kv bus, tripped STG	
30	Full Forced Immed	06/28/2015	18:14:00	06/28/2015	19:29:00	1.25	0	5049	GAST	GTG on failed transfer to Syngas	
31	Full Forced Immed	06/28/2015	19:37:00	06/28/2015	20:24:00	0.78	0	5049	GAST	GTG on failed transfer to Syngas	
32	Full Forced Immed	06/28/2015	20:31:00	06/28/2015	22:58:00	2.45	0	5049	GAST	GTG on failed transfer to Syngas	
33	Full Forced Immed	06/28/2015	23:03:00	06/29/2015	00:23:00	1.33	0	5109	GAST	Several Exhaust teThermocouples failed	

**Tampa Electric Company  
Outage Listing  
(06/01/2015 - 06/30/2015)**

**Unit: BAYSIDE ST1      MDC: 236      Run Date: 7/10/2015**

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  
(06/01/2015 - 06/30/2015)**

Unit: BAYSIDE CT1A		MDC: 158		Run Date: 7/10/2015						
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
60	Reserve Shutdown	06/01/2015	02:13:00	06/01/2015	09:07:00	6.9	0	0000	UNKN	RESERVE SHUTDOWN
61	Reserve Shutdown	06/01/2015	22:33:00	06/02/2015	05:45:00	7.2	0	0000	UNKN	RESERVE SHUTDOWN
62	Reserve Shutdown	06/05/2015	22:13:00	06/06/2015	08:14:00	10.02	0	0000	UNKN	RESERVE SHUTDOWN
63	Reserve Shutdown	06/07/2015	03:06:00	06/07/2015	10:01:00	6.92	0	0000	UNKN	RESERVE SHUTDOWN
64	Reserve Shutdown	06/08/2015	23:07:00	06/09/2015	05:06:00	5.98	0	0000	UNKN	RESERVE SHUTDOWN
65	Maintenance Outage	06/09/2015	05:07:00	06/09/2015	07:58:00	2.85	0	5041	GAST	Fuel gas skid gasket replacement
66	Reserve Shutdown	06/09/2015	07:59:00	06/09/2015	09:42:00	1.72	0	0000	UNKN	RESERVE SHUTDOWN
67	Reserve Shutdown	06/10/2015	22:59:00	06/11/2015	07:35:00	8.6	0	0000	UNKN	RESERVE SHUTDOWN
68	Reserve Shutdown	06/17/2015	00:27:00	06/17/2015	09:08:00	8.68	0	0000	UNKN	RESERVE SHUTDOWN
69	Reserve Shutdown	06/17/2015	23:03:00	06/18/2015	09:14:00	10.18	0	0000	UNKN	RESERVE SHUTDOWN
70	Reserve Shutdown	06/18/2015	23:55:00	06/19/2015	09:14:00	9.32	0	0000	UNKN	RESERVE SHUTDOWN
71	Reserve Shutdown	06/26/2015	22:16:00	06/27/2015	08:23:00	10.12	0	0000	UNKN	RESERVE SHUTDOWN
72	Reserve Shutdown	06/29/2015	09:47:00	06/30/2015	09:11:00	23.4	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company  
Outage Listing  
(06/01/2015 - 06/30/2015)**

Unit: BAYSIDE CT1B		MDC: 158		Run Date: 7/10/2015						
Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
52	Reserve Shutdown	06/03/2015	00:01:00	06/03/2015	11:46:00	11.75	0	0000	UNKN	RESERVE SHUTDOWN
53	Reserve Shutdown	06/03/2015	21:44:00	06/04/2015	06:46:00	9.03	0	0000	UNKN	RESERVE SHUTDOWN
54	Reserve Shutdown	06/05/2015	00:01:00	06/05/2015	07:26:00	7.42	0	0000	UNKN	RESERVE SHUTDOWN
55	Reserve Shutdown	06/05/2015	23:32:00	06/06/2015	10:03:00	10.52	0	0000	UNKN	RESERVE SHUTDOWN
56	Reserve Shutdown	06/07/2015	23:46:00	06/08/2015	08:28:00	8.7	0	0000	UNKN	RESERVE SHUTDOWN
57	Reserve Shutdown	06/11/2015	23:52:00	06/12/2015	08:06:00	8.23	0	0000	UNKN	RESERVE SHUTDOWN
58	Reserve Shutdown	06/13/2015	01:11:00	06/13/2015	10:04:00	8.88	0	0000	UNKN	RESERVE SHUTDOWN
59	Reserve Shutdown	06/18/2015	00:34:00	06/18/2015	09:46:00	9.2	0	0000	UNKN	RESERVE SHUTDOWN
60	Full Forced Immed	06/18/2015	10:13:00	06/18/2015	10:56:00	0.72	0	3832	BLPT	LP Fdwtr Control Valve went to manual and caused LF
61	Reserve Shutdown	06/20/2015	00:03:00	06/20/2015	08:33:00	8.5	0	0000	UNKN	RESERVE SHUTDOWN
62	Reserve Shutdown	06/22/2015	00:19:00	06/22/2015	08:32:00	8.22	0	0000	UNKN	RESERVE SHUTDOWN
63	Reserve Shutdown	06/22/2015	23:04:00	06/23/2015	08:42:00	9.63	0	0000	UNKN	RESERVE SHUTDOWN
64	Reserve Shutdown	06/25/2015	23:38:00	06/26/2015	09:30:00	9.87	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company  
Outage Listing  
(06/01/2015 - 06/30/2015)**

Unit:		BAYSIDE CT1C		MDC:		158		Run Date:		7/10/2015	
Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description	
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC	
73	Reserve Shutdown	06/01/2015	23:59:00	06/03/2015	08:43:00	32.73	0	0000	UNKN	RESERVE SHUTDOWN	
74	Reserve Shutdown	06/03/2015	22:38:00	06/04/2015	09:35:00	10.95	0	0000	UNKN	RESERVE SHUTDOWN	
75	Reserve Shutdown	06/04/2015	14:24:00	06/04/2015	16:57:00	2.55	0	0000	UNKN	RESERVE SHUTDOWN	
76	Reserve Shutdown	06/13/2015	00:44:00	06/13/2015	08:28:00	7.73	0	0000	UNKN	RESERVE SHUTDOWN	
77	Reserve Shutdown	06/20/2015	01:21:00	06/20/2015	09:33:00	8.2	0	0000	UNKN	RESERVE SHUTDOWN	
78	Reserve Shutdown	06/23/2015	00:30:00	06/23/2015	09:25:00	8.92	0	0000	UNKN	RESERVE SHUTDOWN	
79	Reserve Shutdown	06/23/2015	22:54:00	06/24/2015	08:40:00	9.77	0	0000	UNKN	RESERVE SHUTDOWN	
80	Reserve Shutdown	06/25/2015	21:34:00	06/26/2015	07:54:00	10.33	0	0000	UNKN	RESERVE SHUTDOWN	
81	Reserve Shutdown	06/27/2015	00:09:00	06/27/2015	09:18:00	9.15	0	0000	UNKN	RESERVE SHUTDOWN	
82	Reserve Shutdown	06/28/2015	23:06:00	06/29/2015	05:37:00	6.52	0	0000	UNKN	RESERVE SHUTDOWN	
83	Maintenance Outage	06/29/2015	05:38:00	06/29/2015	08:03:00	2.42	0	6299	COMB	1C HP Feedwater valve positioner replaced	
84	Reserve Shutdown	06/29/2015	08:04:00	06/29/2015	08:47:00	0.72	0	0000	UNKN	RESERVE SHUTDOWN	

**Tampa Electric Company  
Outage Listing  
(06/01/2015 - 06/30/2015)**

**Unit: BAYSIDE ST2      MDC: 308      Run Date: 7/10/2015**

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



**Tampa Electric Company  
Outage Listing  
(06/01/2015 - 06/30/2015)**

Unit: BAYSIDE CT2A		MDC: 158		Run Date: 7/10/2015						
Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
93	Reserve Shutdown	06/01/2015	00:01:00	06/01/2015	11:17:00	11.27	0	0000	UNKN RESERVE SHUTDOWN	
94	Reserve Shutdown	06/01/2015	21:39:00	06/03/2015	12:32:00	38.88	0	0000	UNKN RESERVE SHUTDOWN	
95	Reserve Shutdown	06/03/2015	23:41:00	06/04/2015	08:48:00	9.12	0	0000	UNKN RESERVE SHUTDOWN	
96	Reserve Shutdown	06/05/2015	01:03:00	06/05/2015	09:22:00	8.32	0	0000	UNKN RESERVE SHUTDOWN	
97	Reserve Shutdown	06/07/2015	00:08:00	06/07/2015	08:36:00	8.47	0	0000	UNKN RESERVE SHUTDOWN	
98	Reserve Shutdown	06/07/2015	23:00:00	06/08/2015	06:11:00	7.18	0	0000	UNKN RESERVE SHUTDOWN	
99	Reserve Shutdown	06/10/2015	21:23:00	06/11/2015	10:17:00	12.9	0	0000	UNKN RESERVE SHUTDOWN	
100	Reserve Shutdown	06/11/2015	22:53:00	06/12/2015	09:46:00	10.88	0	0000	UNKN RESERVE SHUTDOWN	
101	Reserve Shutdown	06/15/2015	21:53:00	06/16/2015	06:36:00	8.72	0	0000	UNKN RESERVE SHUTDOWN	
102	Reserve Shutdown	06/16/2015	23:13:00	06/17/2015	09:48:00	10.58	0	0000	UNKN RESERVE SHUTDOWN	
103	Reserve Shutdown	06/18/2015	22:10:00	06/19/2015	07:58:00	9.8	0	0000	UNKN RESERVE SHUTDOWN	
104	Reserve Shutdown	06/19/2015	22:26:00	06/20/2015	08:11:00	9.75	0	0000	UNKN RESERVE SHUTDOWN	
105	Reserve Shutdown	06/20/2015	18:03:00	06/21/2015	08:59:00	14.93	0	0000	UNKN RESERVE SHUTDOWN	
106	Reserve Shutdown	06/21/2015	22:32:00	06/22/2015	05:37:00	7.08	0	0000	UNKN RESERVE SHUTDOWN	
107	Reserve Shutdown	06/23/2015	22:11:00	06/24/2015	09:52:00	11.68	0	0000	UNKN RESERVE SHUTDOWN	
108	Full Forced Immed	06/24/2015	23:44:00	06/25/2015	06:57:00	7.22	0	3830	BLPT	Loss of water in the LP Drum caused Boiler Feed Pur
109	Reserve Shutdown	06/29/2015	00:33:00	06/29/2015	07:27:00	6.9	0	0000	UNKN RESERVE SHUTDOWN	
110	Reserve Shutdown	06/30/2015	01:24:00	06/30/2015	09:45:00	8.35	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company  
Outage Listing  
(06/01/2015 - 06/30/2015)**

**Unit: BAYSIDE CT2B      MDC: 158      Run Date: 7/10/2015**

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
75	Reserve Shutdown	06/01/2015	00:01:00	06/01/2015	07:11:00	7.17	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
76	Reserve Shutdown	06/02/2015	01:38:00	06/02/2015	12:54:00	11.27	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
77	Reserve Shutdown	06/03/2015	01:16:00	06/03/2015	10:29:00	9.22	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
78	Reserve Shutdown	06/06/2015	00:28:00	06/06/2015	09:07:00	8.65	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
79	Reserve Shutdown	06/07/2015	01:29:00	06/07/2015	09:00:00	7.52	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
80	Reserve Shutdown	06/09/2015	00:28:00	06/09/2015	07:29:00	7.02	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
81	Reserve Shutdown	06/10/2015	00:20:00	06/10/2015	08:13:00	7.88	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
82	Reserve Shutdown	06/12/2015	01:01:00	06/12/2015	10:42:00	9.68	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
83	Reserve Shutdown	06/14/2015	01:37:00	06/14/2015	08:58:00	7.35	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
84	Reserve Shutdown	06/15/2015	00:55:00	06/15/2015	09:46:00	8.85	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
85	Reserve Shutdown	06/15/2015	23:44:00	06/16/2015	08:08:00	8.4	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
86	Reserve Shutdown	06/19/2015	00:27:00	06/19/2015	10:00:00	9.55	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
87	Reserve Shutdown	06/20/2015	22:39:00	06/21/2015	09:53:00	11.23	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
88	Reserve Shutdown	06/22/2015	01:28:00	06/22/2015	10:10:00	8.7	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
89	Reserve Shutdown	06/23/2015	23:44:00	06/24/2015	08:00:00	8.27	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
90	Reserve Shutdown	06/24/2015	22:08:00	06/25/2015	08:26:00	10.3	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN

**Tampa Electric Company  
Outage Listing  
(06/01/2015 - 06/30/2015)**

**Unit: BAYSIDE CT2C      MDC: 158      Run Date: 7/10/2015**

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
84	Reserve Shutdown	06/01/2015	00:49:00	06/01/2015	09:52:00	9.05	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
85	Reserve Shutdown	06/02/2015	21:56:00	06/03/2015	06:26:00	8.5	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
86	Reserve Shutdown	06/10/2015	18:23:00	06/11/2015	05:33:00	11.17	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
87	Reserve Shutdown	06/16/2015	01:06:00	06/16/2015	09:16:00	8.17	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
88	Reserve Shutdown	06/21/2015	00:35:00	06/21/2015	10:43:00	10.13	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
89	Reserve Shutdown	06/25/2015	22:45:00	06/26/2015	10:33:00	11.8	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
90	Reserve Shutdown	06/28/2015	00:56:00	06/28/2015	08:04:00	7.13	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
91	Reserve Shutdown	06/29/2015	01:21:00	06/29/2015	09:18:00	7.95	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
92	Reserve Shutdown	06/29/2015	23:20:00	06/30/2015	07:52:00	8.53	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN

**Tampa Electric Company  
Outage Listing  
(06/01/2015 - 06/30/2015)**

Unit:		BAYSIDE CT2D		MDC:		158		Run Date:		7/10/2015	
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	
32	Reserve Shutdown	06/01/2015	23:09:00	06/02/2015	06:47:00	7.63	0	0000	UNKN	RESERVE SHUTDOWN	
33	Reserve Shutdown	06/06/2015	22:52:00	06/07/2015	07:42:00	8.83	0	0000	UNKN	RESERVE SHUTDOWN	
34	Reserve Shutdown	06/08/2015	00:54:00	06/08/2015	09:26:00	8.53	0	0000	UNKN	RESERVE SHUTDOWN	
35	Reserve Shutdown	06/12/2015	22:28:00	06/13/2015	09:37:00	11.15	0	0000	UNKN	RESERVE SHUTDOWN	
36	Reserve Shutdown	06/14/2015	00:09:00	06/14/2015	08:04:00	7.92	0	0000	UNKN	RESERVE SHUTDOWN	
37	Reserve Shutdown	06/15/2015	00:18:00	06/15/2015	08:24:00	8.1	0	0000	UNKN	RESERVE SHUTDOWN	
38	Reserve Shutdown	06/24/2015	23:24:00	06/25/2015	08:46:00	9.37	0	0000	UNKN	RESERVE SHUTDOWN	
39	Reserve Shutdown	06/27/2015	23:51:00	06/28/2015	09:08:00	9.28	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 <sub>2</sub>	Carbon Dioxide	LVDT	Linear Variable Differential Transducer
COS	Carbonyl Sulfide	MAC	Main Air Compressor
CRH	Cold Reheat	MkVIe	Mark 5e GE Logic Controller
CSC	Convective Syngas Coolers	MOC	Motor Operated Control
CT	Combustion Turbine	MOV	Motor Operated Valve
DCS	Digital Control System	N <sub>2</sub>	Nitrogen
EGT	Exit Gas Temperature	PLC	Programmable Logic Controller
EH	Electro Hydraulic	Pp	Pump
FAT	Final Absorber Tower	R/R	Remove and replace
FD	Forced Draft	RATA	Relative Accuracy Test Audit
Fdwtr	Feed water	RSV	Reheat Stop Valve
FGD	Flue Gas Desulfurization	RTD	Resistance Temperature Device
GEHO	Manufacturer of Slurry Pump	SAP	Sulfuric Acid Plant
GTG	Gas Turbine Generator	ST	Steam Turbine
HP	High Pressure	STARSS	Strategic Anti-Rotating Stall Schedule
HRSR	Heat Recovery Steam Generator	T/R	Transformer Rectifier
HX	Heat Exchanger	TC	Thermocouple
IAS	Instrument Air Supply	WWTL	Water wall tube leak
ID	Induced Draft	ZBL	Zero Ball Loss condenser cleaning system