

# AUSLEY & McMULLEN

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September 25, 2017

**ELECTRONIC FILING**

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

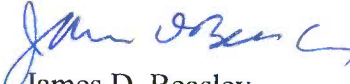
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance  
Incentive Factor; FPSC Docket No. 20170001-EI

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 August 2017.

Thank you for your assistance in connection with this matter.

Sincerely,

  
James D. Beasley

JDB/ne

Attachment

cc: All parties of record (w/attachment)

## CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Schedules, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 25th day of September, 2017 to the following:

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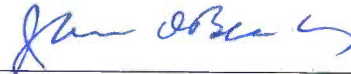
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ATTORNEY

ORIGINAL SHEET NO. 8.401.17A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2017 - DECEMBER 2017

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND 1	JAN 17	FEB 17	MAR 17	APR 17	MAY 17	JUN 17	JUL 17	AUG 17	SEP 17	OCT 17	NOV 17	DEC 17	2017
1. EAF (%)	99.1	99.5	51.5	0.0	53.4	65.4	72.8	100.0					67.6
2. PH	744	672	743	720	744	720	744	744					5831
3. SH	739.1	672.0	383.1	0.0	397.8	313.2	542.0	744.0					3791.3
4. RSH	0.0	0.0	0.0	0.0	0.0	164.8	0.0	0.0					164.8
5. UH	4.9	0.0	359.9	720.0	346.2	242.0	202.0	0.0					1874.9
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.0
7. FOH	4.9	0.0	359.9	720.0	346.2	83.8	202.0	0.0					1716.7
8. MOH	0.0	0.0	0.0	0.0	0.0	158.2	0.0	0.0					158.2
9. PFOH	12.2	12.4	0.0	0.0	1.6	14.0	0.0	0.0					40.2
10. LR PF (MW)	47.0	67.5	0.0	0.0	197.2	197.2	0.0	0.0					111.6
11. PMOH	5.4	2.1	0.9	0.0	0.3	0.0	0.5	0.0					9.1
12. LR PM (MW)	47.0	228.5	218.4	0.0	75.1	0.0	272.3	0.0					118.7
13. NSC (MW)	395	395	395	385	385	385	385	385					389
14. OPR BTU(GBTU)	2174.4504	1909.7752	1030.0702	0.0000	1246.9803	807.2281	759.5130	1200.1930					9128.2103
15. NET GEN (MWH)	202470	167343	95573	0	115639	71182	68839	93182					814228
16. ANOHR (BTU/KWH)	10740	11412	10778	0	10783	11340	11033	12880					11211
17. NOF (%)	69.4	63.0	63.2	0.0	75.5	59.0	33.0	32.5					55.2
18. NPC (MW)	395	395	395	385	385	385	385	385					389
19. ANOHR EQUATION	ANOHR = NOF ( -15.843 ) + 12,087												

ORIGINAL SHEET NO. 8.401.17A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2017 - DECEMBER 2017

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND 2	JAN 17	FEB 17	MAR 17	APR 17	MAY 17	JUN 17	JUL 17	AUG 17	SEP 17	OCT 17	NOV 17	DEC 17	2017
1. EAF (%)	75.0	76.8	55.6	54.0	31.8	95.4	0.0	23.2					50.9
2. PH	744	672	743	720	744	720	744	744					5831
3. SH	583.1	583.0	23.3	415.3	269.5	688.4	0.0	172.3					2734.9
4. RSH	24.5	0.0	389.7	0.0	0.0	0.0	0.0	0.0					414.2
5. UH	136.4	89.0	330.0	304.7	474.5	31.6	744.0	571.7					2681.9
6. POH	0.0	0.0	0.0	256.7	78.0	0.0	0.0	0.0					334.7
7. FOH	73.4	89.0	330.0	48.0	396.5	31.6	744.0	539.9					2252.5
8. MOH	63.0	0.0	0.0	0.0	0.0	0.0	0.0	31.8					94.8
9. PFOH	293.7	572.9	0.0	406.3	88.2	5.5	0.0	0.0					1366.5
10. LR PF (MW)	66.3	44.4	0.0	24.6	144.1	56.3	0.0	0.0					49.7
11. PMOH	0.3	5.7	0.0	1.9	0.0	1.1	0.0	0.0					9.0
12. LR PM (MW)	206.9	200.5	0.0	189.7	0.0	203.7	0.0	0.0					198.9
13. NSC (MW)	395	395	395	385	385	385	385	385					389
14. OPR BTU(GBTU)	1868.6660	1687.6119	39.4345	1309.0914	856.2088	2329.4673	0.0000	243.4350					8333.9148
15. NET GEN (MWH)	170150	152752	3410	125802	75289	216749	0	23266					767418
16. ANOHR (BTU/KWH)	10982	11048	11564	10406	11372	10747	0	10463					10860
17. NOF (%)	73.9	66.3	37.0	78.7	72.6	81.8	0.0	35.1					72.2
18. NPC (MW)	395	395	395	385	385	385	385	385					389
19. ANOHR EQUATION	ANOHR = NOF ( -5.963 ) + 11,063												

2

ORIGINAL SHEET NO. 8.401.17A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2017 - DECEMBER 2017

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND 3	JAN 17	FEB 17	MAR 17	APR 17	MAY 17	JUN 17	JUL 17	AUG 17	SEP 17	OCT 17	NOV 17	DEC 17	2017
1. EAF (%)	74.7	79.6	49.6	39.5	82.0	52.9	88.1	70.9					67.2
2. PH	744	672	743	720	744	720	744	744					5831
3. SH	496.5	218.0	230.3	386.5	744.0	416.6	744.0	599.7					3835.6
4. RSH	85.4	333.0	160.0	0.0	0.0	0.0	0.0	0.0					578.4
5. UH	162.1	121.0	352.7	333.5	0.0	303.4	0.0	144.3					1417.1
6. POH	0.0	121.0	188.5	0.0	0.0	0.0	0.0	0.0					309.5
7. FOH	162.1	0.0	164.2	333.5	0.0	303.4	0.0	0.0					963.2
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	144.3					144.3
9. PFOH	222.2	218.0	104.7	276.5	600.2	404.0	744.0	571.9					3141.4
10. LR PF (MW)	38.7	29.4	82.9	145.4	88.3	34.5	46.9	46.9					61.3
11. PMOH	8.3	0.0	0.7	0.0	0.0	2.4	0.0	7.2					18.5
12. LR PM (MW)	211.8	0.0	155.3	0.0	0.0	107.0	0.0	230.4					203.6
13. NSC (MW)	400	400	400	395	395	395	395	395					397
14. OPR BTU(GBTU)	1586.7295	558.3993	654.5651	975.4322	1646.6407	1419.4383	2778.0870	2007.8563					11627.1485
15. NET GEN (MWH)	151724	50703	53355	87729	147110	131629	252389	188088					1062727
16. ANOHR BTU/KWH	10458	11013	12268	11119	11193	10784	11007	10675					10941
17. NOF (%)	76.4	58.1	57.9	57.5	50.1	80.0	85.9	79.4					69.8
18. NPC (MW)	400	400	400	395	395	395	395	395					397
19. ANOHR EQUATION	ANOHR = NOF ( -6.885 ) + 11,168												

ORIGINAL SHEET NO. 8.401.17A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2017 - DECEMBER 2017

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND 4	JAN 17	FEB 17	MAR 17	APR 17	MAY 17	JUN 17	JUL 17	AUG 17	SEP 17	OCT 17	NOV 17	DEC 17	2017
1. EAF (%)	58.3	84.9	78.7	78.8	93.3	84.1	78.8	16.2					71.4
2. PH	744	672	743	720	744	720	744	744					5831
3. SH	443.6	582.3	603.5	617.2	744.0	715.1	735.8	183.7					4625.2
4. RSH	92.4	19.9	30.9	0.0	0.0	0.0	0.0	0.0					143.2
5. UH	207.9	69.8	108.6	102.8	0.0	4.9	8.2	560.3					1062.6
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.0
7. FOH	207.9	69.8	0.0	102.8	0.0	4.9	8.2	10.1					403.8
8. MOH	0.0	0.0	108.6	0.0	0.0	0.0	0.0	550.2					658.8
9. PFOH	409.3	121.9	601.6	374.5	449.6	683.9	704.0	183.7					3528.5
10. LR PF (MW)	99.1	100.7	35.5	46.8	48.5	68.8	81.3	149.7					69.5
11. PMOH	23.7	7.9	1.9	20.8	0.0	5.2	31.7	0.0					91.1
12. LR PM (MW)	190.8	227.0	234.2	205.9	0.0	182.7	257.3	0.0					220.9
13. NSC (MW)	442	442	442	437	437	437	437	437					439
14. OPR BTU(GBTU)	1421.8362	1988.2765	1901.4028	2252.1482	2941.4736	2553.8942	2683.3556	551.7338					16294.1209
15. NET GEN (MWH)	135022	190073	179206	214373	275387	232573	243038	46553					1516225
16. ANOHR BTU/KWH	10530	10461	10610	10506	10681	10981	11041	11852					10747
17. NOF (%)	68.9	73.8	67.2	79.5	84.7	74.4	75.6	58.0					74.7
18. NPC (MW)	442	442	442	437	437	437	437	437					439
19. ANOHR EQUATION	ANOHR = NOF ( -4.982 ) + 10,856												

ORIGINAL SHEET NO. 8.401.17A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2017 - DECEMBER 2017

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
POLK 1	JAN 17	FEB 17	MAR 17	APR 17	MAY 17	JUN 17	JUL 17	AUG 17	SEP 17	OCT 17	NOV 17	DEC 17	2017
1. EAF (%)	100.0	99.3	95.3	100.0	70.9	99.8	85.2	98.8					93.5
2. PH	744	672	743	720	744	720	744	744					5831
3. SH	744.0	667.1	708.0	720.0	527.3	718.4	633.6	735.0					5453.3
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.0
5. UH	0.0	4.9	35.0	0.0	216.7	1.6	110.4	9.0					377.7
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.0
7. FOH	0.0	4.9	35.0	0.0	116.5	1.6	1.0	9.0					168.0
8. MOH	0.0	0.0	0.0	0.0	100.3	0.0	109.4	0.0					209.7
9. PFOH	0.0	0.0	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	0.0					0.0
11. PMOH	0.0	0.0	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	0.0					0.0
13. NSC (MW)	220	220	220	220	220	220	220	220					220
14. OPR BTU(GBTU)	1565.3848	1450.1380	1538.4069	1710.0220	1277.8395	1474.5747	1416.4060	1582.5139					12015.2859
15. NET GEN (MWH)	155821	143609	165125	176605	119597	147389	135270	162911					1206327
16. ANOHR BTU/KWH	10046	10098	9317	9683	10685	10005	10471	9714					9960
17. NOF (%)	95.2	97.9	106.0	111.5	103.1	93.3	97.0	100.7					100.5
18. NPC (MW)	220	220	220	220	220	220	220	220					220
19. ANOHR EQUATION	ANOHR = NOF ( 9.523 ) + 9,121												



ORIGINAL SHEET NO. 8.401.17A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2017 - DECEMBER 2017

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BAYSIDE UNIT 1	JAN 17	FEB 17	MAR 17	APR 17	MAY 17	JUN 17	JUL 17	AUG 17	SEP 17	OCT 17	NOV 17	DEC 17	2017
1. EAF (%)	98.0	80.9	0.0	58.7	99.3	97.5	97.5	96.9					78.5
2. PH	744	672	743	720	744	720	744	744					5831
3. SH	744.0	462.9	0.0	507.9	744.0	718.3	744.0	744.0					4665.2
4. RSH	0.0	204.8	0.0	16.3	0.0	0.0	0.0	0.0					221.1
5. UH	0.0	4.3	743.0	195.8	0.0	1.7	0.0	0.0					944.8
6. POH	0.0	1.3	743.0	167.3	0.0	0.0	0.0	0.0					911.6
7. FOH	0.0	0.0	0.0	24.7	0.0	1.7	0.0	0.0					26.3
8. MOH	0.0	3.0	0.0	3.8	0.0	0.0	0.0	0.0					6.9
9. PFOH	37.2	4.1	0.0	40.8	0.0	9.2	2.5	75.6					169.3
10. LR PF (MW)	264.0	264.0	0.0	224.6	0.0	198.1	233.7	214.7					228.5
11. PMOH	7.8	369.1	743.0	782.6	14.9	41.3	53.9	0.0					2012.6
12. LR PM (MW)	264.0	264.0	0.0	79.5	233.7	233.7	233.7	0.0					93.1
13. NSC (MW)	792	792	792	701	701	701	701	701					735
14. OPR BTU(GBTU)	1479.0530	891.6450	0.0000	1198.8280	2122.6040	1755.5870	2162.7590	2488.3000					12098.7760
15. NET GEN (MWH)	197576	119609	-274	161007	288649	239671	290853	334517					1631608
16. ANOHR (BTU/KWH)	7486	7455	0	7446	7354	7325	7436	7438					7415
17. NOF (%)	33.5	32.6	0.0	45.2	55.3	47.6	55.8	64.1					47.6
18. NPC (MW)	792	792	792	701	701	701	701	701					735
19. ANOHR EQUATION	ANOHR = NOF ( -9.906 ) + 8,039												

ORIGINAL SHEET NO. 8.401.17A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2017 - DECEMBER 2017

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BAYSIDE UNIT 2	JAN 17	FEB 17	MAR 17	APR 17	MAY 17	JUN 17	JUL 17	AUG 17	SEP 17	OCT 17	NOV 17	DEC 17	2017
1. EAF (%)	65.3	47.0	97.5	97.0	87.8	89.2	90.9	95.4					84.2
2. PH	744	672	743	720	744	720	744	744					5831
3. SH	527.1	298.7	738.1	720.0	657.9	720.0	744.0	729.4					5135.2
4. RSH	0.0	42.3	0.0	0.0	0.0	0.0	0.0	0.0					42.3
5. UH	216.9	331.0	4.9	0.0	86.1	0.0	0.0	14.6					653.5
6. POH	216.9	312.3	0.0	0.0	0.0	0.0	0.0	0.0					529.2
7. FOH	0.0	18.7	4.9	0.0	62.2	0.0	0.0	0.0					85.8
8. MOH	0.0	0.0	0.0	0.0	23.9	0.0	0.0	14.6					38.5
9. PFOH	14.7	9.4	0.0	71.4	0.0	163.7	147.2	14.4					420.8
10. LR PF (MW)	261.8	261.8	0.0	232.3	0.0	232.3	232.3	232.3					233.9
11. PMOH	150.4	91.2	53.6	14.7	19.2	146.3	124.2	64.3					663.9
12. LR PM (MW)	261.8	261.8	261.8	232.3	232.3	232.3	232.3	232.3					245.4
13. NSC (MW)	1047	1047	1047	929	929	929	929	929					973
14. OPR BTU(GBTU)	1189.6880	1114.2610	2384.3570	2374.7310	2156.8320	1906.5130	2518.5460	3170.0000					16814.9280
15. NET GEN (MWH)	157433	146101	318307	313417	278762	253553	320829	417625					2206027
16. ANOHR (BTU/KWH)	7557	7627	7491	7577	7737	7519	7850	7591					7622
17. NOF (%)	28.5	46.7	41.2	46.9	45.6	37.9	46.4	61.6					44.1
18. NPC (MW)	1047	1047	1047	929	929	929	929	929					973
19. ANOHR EQUATION	ANOHR = NOF ( -7.777 ) + 7,937												

7

**Tampa Electric Company  
Outage Listing  
(08/01/2017 - 08/31/2017)**

Unit:		BIG BEND 1		MDC:		410		Run Date:		9/8/2017	
Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description	
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EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC	

**Tampa Electric Company  
Outage Listing  
(08/01/2017 - 08/31/2017)**

Unit:		BIG BEND 2		MDC:		410		Run Date:		9/8/2017	
Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description	
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC	
85	Full Forced Immed	06/29/2017	16:21:00	08/17/2017	03:45:00	387.75	0	0910	BLR	Operator tripped unit due to slag tank tap issues.	
86	Maintenance Outage	08/21/2017	22:55:00	08/23/2017	06:43:00	31.8	0	1360	BLR	Economizer inlet drain line repair	
87	Startup Failure	08/23/2017	06:43:00	08/24/2017	00:07:00	17.4	0	1360	BLR	Waterwall drain line flange leak	
88	Full Forced Immed	08/26/2017	06:49:00	08/26/2017	13:17:00	6.47	0	3430	BLPT	Loss of level control.Tripped on drum level limits.	
89	Full Forced Delayed	08/26/2017	15:42:00	09/03/2017	06:21:00	128.3	0	3440	BLPT	2nd point feedwater heater tube leak	

**Tampa Electric Company  
Outage Listing  
(08/01/2017 - 08/31/2017)**

Unit:		BIG BEND 3		MDC:		420		Run Date:		9/8/2017	
Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description	
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC	
68	Partial Forced Immed	07/31/2017	18:05:00	08/02/2017	11:00:00	35	350	9270	EXTL	Wet coal	
69	Maintenance Outage	08/02/2017	11:00:00	08/08/2017	11:19:00	144.32	0	0920	BLR	B Slag tank hydroejector repair	
70	Partial Forced Immed	08/09/2017	07:55:00	08/18/2017	06:00:00	214.08	370	1455	BLR	B ID Fan vibration limits.	
71	Partial Forced Immed	08/18/2017	06:00:00	08/24/2017	21:57:00	159.95	375	1455	BLR	B ID Fan vibration limits.	
72	Planned Derating	08/24/2017	21:57:00	08/25/2017	05:10:00	7.22	175	8230	POLL	FGD Inlet duct repairs	
73	Partial Forced Immed	08/25/2017	05:10:00	09/05/2017	15:28:00	162.83	370	1455	BLR	B ID Fan vibration limits.	

**Tampa Electric Company  
Outage Listing  
(08/01/2017 - 08/31/2017)**

**Unit: BIG BEND 4      MDC: 470      Run Date: 9/8/2017**

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
161	Partial Forced Immed	07/31/2017	20:55:00	08/01/2017	21:33:00	21.55	380	8825	NOx	SCR inlet temperature limit (800 deg) Suspected back
162	Full Forced Immed	08/01/2017	21:33:00	08/02/2017	07:42:00	10.15	0	4293	TURB	EHC fluid leak at MSV2
163	Partial Forced Immed	08/02/2017	07:42:00	08/03/2017	10:00:00	26.3	380	8825	NOx	SCR inlet temperature limit (800 deg) Suspected back
164	Partial Forced Immed	08/03/2017	10:00:00	08/06/2017	11:30:00	73.5	390	8825	NOx	SCR inlet temperature limit (800 deg) Suspected back
165	Partial Forced Immed	08/06/2017	11:30:00	08/07/2017	11:30:00	24	170	8770	CEM	Flow monitors have failed.
166	Partial Forced Immed	08/07/2017	11:30:00	08/09/2017	01:50:00	38.33	152	8770	CEM	Flow monitors have failed.
167	Maintenance Outage	08/09/2017	01:50:00	09/05/2017	02:24:00	550.17	0	8770	CEM	Flow monitor repairs

**Tampa Electric Company  
Outage Listing  
(08/01/2017 - 08/31/2017)**

Unit:		POLK 1		MDC:		290		Run Date:		9/8/2017	
Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description	
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC	
29	Full Forced Immed	08/02/2017	15:29:00	08/02/2017	16:45:00	1.27	0	5250	GAST	High Exhaust Temperature Trip on transfer	
30	Partial Forced Immed	08/02/2017	15:26:00	08/10/2017	12:12:00	0.05	200	5049	GAST	7FAcid Gas Leak on converter	
30	Partial Forced Immed	08/02/2017	15:26:00	08/10/2017	12:12:00	1.27	200	5049	GAST	7FAcid Gas Leak on converter	
30	Partial Forced Immed	08/02/2017	15:26:00	08/10/2017	12:12:00	165.87	200	5049	GAST	7FAcid Gas Leak on converter	
30	Partial Forced Immed	08/02/2017	15:26:00	08/10/2017	12:12:00	0.42	200	5049	GAST	7FAcid Gas Leak on converter	
30	Partial Forced Immed	08/02/2017	15:26:00	08/10/2017	12:12:00	0.45	200	5049	GAST	7FAcid Gas Leak on converter	
30	Partial Forced Immed	08/02/2017	15:26:00	08/10/2017	12:12:00	5.98	200	5049	GAST	7FAcid Gas Leak on converter	
30	Partial Forced Immed	08/02/2017	15:26:00	08/10/2017	12:12:00	0.62	200	5049	GAST	7FAcid Gas Leak on converter	
30	Partial Forced Immed	08/02/2017	15:26:00	08/10/2017	12:12:00	14.12	200	5049	GAST	7FAcid Gas Leak on converter	
31	Partial Forced Immed	08/09/2017	21:28:00	08/09/2017	22:05:00	0.62	75	8699	POLL	Tri-Loop on NOx Steam Flow Transmitter Failed, replac	
32	Partial Forced Immed	08/09/2017	14:37:00	08/09/2017	15:02:00	0.42	135	8699	POLL	Tri-Loop on NOx Steam Flow Transmitter Failed	
33	Partial Forced Immed	08/09/2017	15:29:00	08/09/2017	21:28:00	5.98	140	8699	POLL	Tri-Loop on NOx Steam Flow Transmitter Failed	
34	Full Forced Immed	08/19/2017	18:40:00	08/19/2017	20:50:00	2.17	0	9910	PERS	Exciter Brush inadvertently dropped, GTG tripped on ex	
35	Partial Forced Immed	08/19/2017	18:40:00	08/19/2017	21:38:00	2.17	200	9910	PERS	Exciter Brush inadvertently dropped, GTG tripped on ex	
35	Partial Forced Immed	08/19/2017	18:40:00	08/19/2017	21:38:00	0.8	200	9910	PERS	Exciter Brush inadvertently dropped, GTG tripped on ex	
36	Partial Forced Immed	08/22/2017	02:51:00	08/22/2017	08:27:00	5.6	200	6399	GASF	2A, Oxygen Pressure Transmitter Instrument Tubing fa	
37	Partial Forced Immed	08/24/2017	08:41:00	08/24/2017	09:24:00	0.72	200	6399	GASF	AA, DCS Card for "C: Adsorber Outlet Valve failed, onli	
38	Full Forced Immed	08/25/2017	12:47:00	08/25/2017	16:38:00	3.85	0	5250	GAST	1F, DGAN Compressor tripped, GTG tripped on High E	
39	Partial Forced Immed	08/25/2017	12:47:00	08/25/2017	16:53:00	3.85	200	6399	GASF	1F, DGAN Compressor tripped, GTG tripped, Bad Spe	
39	Partial Forced Immed	08/25/2017	12:47:00	08/25/2017	16:53:00	0.25	200	6399	GASF	1F, DGAN Compressor tripped, GTG tripped, Bad Spe	
40	Full Forced Immed	08/30/2017	10:59:00	08/30/2017	12:40:00	1.68	0	5250	GAST	1F, DGAN Compressor tripped, GTG tripped on High E	
41	Partial Forced Immed	08/30/2017	10:57:00	08/30/2017	13:26:00	0.03	200	6399	GASF	1D, DGAN Compressor tripped, field failed	
41	Partial Forced Immed	08/30/2017	10:57:00	08/30/2017	13:26:00	1.68	200	6399	GASF	1D, DGAN Compressor tripped, field failed	
41	Partial Forced Immed	08/30/2017	10:57:00	08/30/2017	13:26:00	0.77	200	6399	GASF	1D, DGAN Compressor tripped, field failed	

**Tampa Electric Company  
Outage Listing  
(08/01/2017 - 08/31/2017)**

<b>Unit:</b>	<b>BAYSIDE ST1</b>	<b>MDC:</b>	<b>236</b>							<b>Run Date:</b>	<b>9/8/2017</b>
<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>	
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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  
(08/01/2017 - 08/31/2017)**

**Unit: BAYSIDE CT1A      MDC: 158      Run Date: 9/8/2017**

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
122	Reserve Shutdown	07/31/2017	22:14:00	08/01/2017	06:43:00	6.72	0	0000	UNKN RESERVE SHUTDOWN	
123	Reserve Shutdown	08/02/2017	20:19:00	08/03/2017	05:27:00	9.13	0	0000	UNKN RESERVE SHUTDOWN	
124	Reserve Shutdown	08/03/2017	22:05:00	08/04/2017	08:04:00	9.98	0	0000	UNKN RESERVE SHUTDOWN	
125	Reserve Shutdown	08/04/2017	22:42:00	08/05/2017	09:26:00	10.73	0	0000	UNKN RESERVE SHUTDOWN	
126	Reserve Shutdown	08/08/2017	22:26:00	08/09/2017	08:10:00	9.73	0	0000	UNKN RESERVE SHUTDOWN	
127	Reserve Shutdown	08/10/2017	22:54:00	08/11/2017	08:49:00	9.92	0	0000	UNKN RESERVE SHUTDOWN	
128	Reserve Shutdown	08/11/2017	23:45:00	08/12/2017	08:23:00	8.63	0	0000	UNKN RESERVE SHUTDOWN	
129	Reserve Shutdown	08/15/2017	01:34:00	08/15/2017	08:59:00	7.42	0	0000	UNKN RESERVE SHUTDOWN	
130	Reserve Shutdown	08/16/2017	00:00:00	08/16/2017	08:04:00	8.07	0	0000	UNKN RESERVE SHUTDOWN	
131	Reserve Shutdown	08/16/2017	21:49:00	08/17/2017	09:28:00	11.65	0	0000	UNKN RESERVE SHUTDOWN	
132	Reserve Shutdown	08/17/2017	22:44:00	08/18/2017	10:33:00	11.82	0	0000	UNKN RESERVE SHUTDOWN	
133	Reserve Shutdown	08/22/2017	00:03:00	08/22/2017	09:52:00	9.82	0	0000	UNKN RESERVE SHUTDOWN	
134	Reserve Shutdown	08/24/2017	00:58:00	08/24/2017	10:42:00	9.73	0	0000	UNKN RESERVE SHUTDOWN	
135	Reserve Shutdown	08/29/2017	22:24:00	08/30/2017	05:25:00	7.02	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company  
Outage Listing  
(08/01/2017 - 08/31/2017)**

**Unit: BAYSIDE CT1B      MDC: 158      Run Date: 9/8/2017**

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
104	Reserve Shutdown	08/01/2017	20:09:00	08/02/2017	05:57:00	9.8	0	0000	UNKN	RESERVE SHUTDOWN
105	Full Forced Immed	08/02/2017	06:07:00	08/02/2017	07:51:00	1.73	0	5016	GAST	1B CT compressor bleed valves no. 3 and 4 did not full
106	Reserve Shutdown	08/04/2017	00:00:00	08/04/2017	07:59:00	7.98	0	0000	UNKN	RESERVE SHUTDOWN
107	Reserve Shutdown	08/05/2017	22:28:00	08/06/2017	09:05:00	10.62	0	0000	UNKN	RESERVE SHUTDOWN
108	Reserve Shutdown	08/09/2017	22:15:00	08/10/2017	05:47:00	7.53	0	0000	UNKN	RESERVE SHUTDOWN
109	Reserve Shutdown	08/16/2017	22:49:00	08/17/2017	08:43:00	9.9	0	0000	UNKN	RESERVE SHUTDOWN
110	Reserve Shutdown	08/19/2017	00:23:00	08/19/2017	08:42:00	8.32	0	0000	UNKN	RESERVE SHUTDOWN
111	Reserve Shutdown	08/19/2017	22:50:00	08/20/2017	09:53:00	11.05	0	0000	UNKN	RESERVE SHUTDOWN
112	Reserve Shutdown	08/20/2017	23:48:00	08/21/2017	05:17:00	5.48	0	0000	UNKN	RESERVE SHUTDOWN
113	Full Forced Immed	08/21/2017	05:18:00	08/23/2017	23:50:00	66.53	0	3831	BLPT	1B HRSG tube leak in LP evap, near west wall, up in tr
114	Reserve Shutdown	08/23/2017	23:51:00	08/24/2017	05:40:00	5.82	0	0000	UNKN	RESERVE SHUTDOWN
115	Reserve Shutdown	08/24/2017	23:42:00	08/25/2017	09:52:00	10.17	0	0000	UNKN	RESERVE SHUTDOWN
116	Reserve Shutdown	08/25/2017	22:44:00	08/26/2017	09:50:00	11.1	0	0000	UNKN	RESERVE SHUTDOWN
117	Reserve Shutdown	08/26/2017	22:56:00	08/27/2017	10:31:00	11.58	0	0000	UNKN	RESERVE SHUTDOWN
118	Reserve Shutdown	08/27/2017	23:01:00	08/28/2017	08:28:00	9.45	0	0000	UNKN	RESERVE SHUTDOWN
119	Reserve Shutdown	08/29/2017	00:16:00	08/29/2017	10:41:00	10.42	0	0000	UNKN	RESERVE SHUTDOWN
120	Partial Forced Immed	08/29/2017	14:15:00	08/29/2017	21:34:00	7.32	120	3832	BLPT	1B HRSG IP Safety PRV leaking by.
121	Reserve Shutdown	08/29/2017	21:34:00	08/30/2017	09:35:00	12.02	0	0000	UNKN	RESERVE SHUTDOWN
122	Reserve Shutdown	08/31/2017	00:13:00	08/31/2017	10:15:00	10.03	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company  
Outage Listing  
(08/01/2017 - 08/31/2017)**

**Unit: BAYSIDE CT1C      MDC: 158      Run Date: 9/8/2017**

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
69	Reserve Shutdown	07/31/2017	23:17:00	08/01/2017	08:52:00	8.87	0	0000	UNKN RESERVE SHUTDOWN	
70	Reserve Shutdown	08/02/2017	00:27:00	08/02/2017	10:46:00	10.32	0	0000	UNKN RESERVE SHUTDOWN	
71	Reserve Shutdown	08/02/2017	22:47:00	08/03/2017	09:31:00	10.73	0	0000	UNKN RESERVE SHUTDOWN	
72	Reserve Shutdown	08/06/2017	00:45:00	08/06/2017	10:14:00	9.48	0	0000	UNKN RESERVE SHUTDOWN	
73	Reserve Shutdown	08/06/2017	22:52:00	08/07/2017	07:22:00	8.5	0	0000	UNKN RESERVE SHUTDOWN	
74	Reserve Shutdown	08/08/2017	01:05:00	08/08/2017	09:05:00	8	0	0000	UNKN RESERVE SHUTDOWN	
75	Reserve Shutdown	08/11/2017	00:09:00	08/11/2017	10:20:00	10.18	0	0000	UNKN RESERVE SHUTDOWN	
76	Reserve Shutdown	08/11/2017	22:41:00	08/12/2017	09:35:00	10.9	0	0000	UNKN RESERVE SHUTDOWN	
77	Reserve Shutdown	08/14/2017	00:17:00	08/14/2017	09:17:00	9	0	0000	UNKN RESERVE SHUTDOWN	
78	Reserve Shutdown	08/17/2017	23:34:00	08/18/2017	09:04:00	9.5	0	0000	UNKN RESERVE SHUTDOWN	
79	Reserve Shutdown	08/18/2017	22:26:00	08/19/2017	09:58:00	11.53	0	0000	UNKN RESERVE SHUTDOWN	
80	Reserve Shutdown	08/20/2017	21:50:00	08/21/2017	07:44:00	9.9	0	0000	UNKN RESERVE SHUTDOWN	
81	Reserve Shutdown	08/23/2017	01:21:00	08/23/2017	08:22:00	7.02	0	0000	UNKN RESERVE SHUTDOWN	
82	Reserve Shutdown	08/25/2017	21:49:00	08/26/2017	05:38:00	7.82	0	0000	UNKN RESERVE SHUTDOWN	
83	Reserve Shutdown	08/26/2017	20:00:00	08/27/2017	07:27:00	11.45	0	0000	UNKN RESERVE SHUTDOWN	
84	Reserve Shutdown	08/27/2017	20:34:00	08/28/2017	05:18:00	8.73	0	0000	UNKN RESERVE SHUTDOWN	
85	Reserve Shutdown	08/28/2017	10:17:00	08/29/2017	06:43:00	20.43	0	0000	UNKN RESERVE SHUTDOWN	
86	Reserve Shutdown	08/30/2017	22:41:00	08/31/2017	06:59:00	8.3	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company  
Outage Listing  
(08/01/2017 - 08/31/2017)**

Unit:		BAYSIDE ST2		MDC:		308		Run Date:		9/8/2017	
Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description	
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC	
14	Maintenance Outage	08/13/2017	00:10:00	08/13/2017	14:48:00	14.63	0	3831	BLPT	ST2 weld repair to MSS steam drainline.	

**Tampa Electric Company  
Outage Listing  
(08/01/2017 - 08/31/2017)**

**Unit: BAYSIDE CT2A      MDC: 158      Run Date: 9/8/2017**

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
133	Reserve Shutdown	07/31/2017	08:38:00	08/01/2017	11:22:00	11.37	0	0000	UNKN RESERVE SHUTDOWN	
134	Reserve Shutdown	08/03/2017	01:09:00	08/03/2017	10:03:00	8.9	0	0000	UNKN RESERVE SHUTDOWN	
135	Reserve Shutdown	08/03/2017	23:02:00	08/04/2017	09:22:00	10.33	0	0000	UNKN RESERVE SHUTDOWN	
136	Reserve Shutdown	08/05/2017	01:40:00	08/05/2017	10:07:00	8.45	0	0000	UNKN RESERVE SHUTDOWN	
137	Reserve Shutdown	08/09/2017	00:01:00	08/09/2017	03:59:00	3.97	0	0000	UNKN RESERVE SHUTDOWN	
138	Maintenance Outage	08/09/2017	04:00:00	08/09/2017	10:50:00	6.83	0	3831	BLPT 2A HRSG weld repair on HP drum chemical feed line.	
139	Reserve Shutdown	08/09/2017	10:51:00	08/09/2017	11:30:00	0.65	0	0000	UNKN RESERVE SHUTDOWN	
140	Reserve Shutdown	08/09/2017	22:46:00	08/10/2017	04:04:00	5.3	0	0000	UNKN RESERVE SHUTDOWN	
141	Maintenance Outage	08/10/2017	04:05:00	08/10/2017	08:40:00	4.58	0	3831	BLPT 2A HRSG weld repair on main steam drain line.	
142	Reserve Shutdown	08/10/2017	08:41:00	08/10/2017	09:04:00	0.38	0	0000	UNKN RESERVE SHUTDOWN	
143	Reserve Shutdown	08/10/2017	22:13:00	08/11/2017	06:00:00	7.78	0	0000	UNKN RESERVE SHUTDOWN	
144	Reserve Shutdown	08/13/2017	00:09:00	08/13/2017	16:36:00	16.45	0	0000	UNKN RESERVE SHUTDOWN	
145	Reserve Shutdown	08/15/2017	22:23:00	08/16/2017	05:37:00	7.23	0	0000	UNKN RESERVE SHUTDOWN	
146	Reserve Shutdown	08/17/2017	00:48:00	08/17/2017	10:37:00	9.82	0	0000	UNKN RESERVE SHUTDOWN	
147	Reserve Shutdown	08/23/2017	23:56:00	08/24/2017	12:48:00	12.87	0	0000	UNKN RESERVE SHUTDOWN	
148	Reserve Shutdown	08/25/2017	00:42:00	08/25/2017	11:26:00	10.73	0	0000	UNKN RESERVE SHUTDOWN	
149	Reserve Shutdown	08/25/2017	23:57:00	08/26/2017	07:24:00	7.45	0	0000	UNKN RESERVE SHUTDOWN	
150	Reserve Shutdown	08/27/2017	17:54:00	08/28/2017	01:14:00	7.33	0	0000	UNKN RESERVE SHUTDOWN	
151	Maintenance Outage	08/28/2017	01:15:00	08/28/2017	12:38:00	11.38	0	5272	GAST 2A CT enhanced borescope inspection (EBI).	
152	Reserve Shutdown	08/28/2017	12:39:00	08/29/2017	05:22:00	16.72	0	0000	UNKN RESERVE SHUTDOWN	
153	Reserve Shutdown	08/30/2017	00:05:00	08/30/2017	10:30:00	10.42	0	0000	UNKN RESERVE SHUTDOWN	
154	Reserve Shutdown	08/31/2017	23:44:00	09/01/2017	10:33:00	0.27	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company  
Outage Listing  
(08/01/2017 - 08/31/2017)**

**Unit: BAYSIDE CT2B      MDC: 158      Run Date: 9/8/2017**

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
110	Reserve Shutdown	07/30/2017	23:19:00	08/01/2017	09:02:00	9.03	0	0000	UNKN RESERVE SHUTDOWN	
111	Reserve Shutdown	08/07/2017	23:45:00	08/08/2017	07:49:00	8.07	0	0000	UNKN RESERVE SHUTDOWN	
112	Reserve Shutdown	08/12/2017	01:00:00	08/12/2017	11:24:00	10.4	0	0000	UNKN RESERVE SHUTDOWN	
113	Reserve Shutdown	08/12/2017	22:12:00	08/14/2017	06:12:00	32	0	0000	UNKN RESERVE SHUTDOWN	
114	Reserve Shutdown	08/14/2017	23:14:00	08/15/2017	06:59:00	7.75	0	0000	UNKN RESERVE SHUTDOWN	
115	Reserve Shutdown	08/16/2017	00:59:00	08/16/2017	10:17:00	9.3	0	0000	UNKN RESERVE SHUTDOWN	
116	Reserve Shutdown	08/16/2017	23:55:00	08/17/2017	06:55:00	7	0	0000	UNKN RESERVE SHUTDOWN	
117	Reserve Shutdown	08/17/2017	21:54:00	08/18/2017	13:47:00	15.88	0	0000	UNKN RESERVE SHUTDOWN	
118	Reserve Shutdown	08/19/2017	01:27:00	08/19/2017	11:33:00	10.1	0	0000	UNKN RESERVE SHUTDOWN	
119	Reserve Shutdown	08/19/2017	22:17:00	08/20/2017	11:13:00	12.93	0	0000	UNKN RESERVE SHUTDOWN	
120	Reserve Shutdown	08/20/2017	21:06:00	08/21/2017	05:47:00	8.68	0	0000	UNKN RESERVE SHUTDOWN	
121	Reserve Shutdown	08/26/2017	18:19:00	08/27/2017	01:54:00	7.58	0	0000	UNKN RESERVE SHUTDOWN	
122	Maintenance Outage	08/27/2017	01:55:00	08/27/2017	14:38:00	12.72	0	5272	GAST 2B CT enhanced borescope inspection (EBI).	
123	Reserve Shutdown	08/27/2017	14:39:00	08/27/2017	15:30:00	0.85	0	0000	UNKN RESERVE SHUTDOWN	
124	Reserve Shutdown	08/28/2017	20:57:00	08/29/2017	09:08:00	12.18	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company  
Outage Listing  
(08/01/2017 - 08/31/2017)**

**Unit: BAYSIDE CT2C      MDC: 158      Run Date: 9/8/2017**

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
107	Maintenance Outage	08/01/2017	00:01:00	08/01/2017	06:07:00	6.1	0	5272	GAST	2C CT enhanced borescope inspection (EBI).
108	Reserve Shutdown	08/01/2017	06:08:00	08/01/2017	12:15:00	6.12	0	0000	UNKN	RESERVE SHUTDOWN
109	Reserve Shutdown	08/02/2017	01:21:00	08/02/2017	12:19:00	10.97	0	0000	UNKN	RESERVE SHUTDOWN
110	Reserve Shutdown	08/02/2017	23:45:00	08/03/2017	07:31:00	7.77	0	0000	UNKN	RESERVE SHUTDOWN
111	Reserve Shutdown	08/04/2017	00:48:00	08/04/2017	10:45:00	9.95	0	0000	UNKN	RESERVE SHUTDOWN
112	Reserve Shutdown	08/05/2017	00:03:00	08/05/2017	07:45:00	7.7	0	0000	UNKN	RESERVE SHUTDOWN
113	Reserve Shutdown	08/05/2017	23:26:00	08/06/2017	09:34:00	10.13	0	0000	UNKN	RESERVE SHUTDOWN
114	Reserve Shutdown	08/06/2017	23:46:00	08/07/2017	08:39:00	8.88	0	0000	UNKN	RESERVE SHUTDOWN
115	Full Forced Immed	08/09/2017	08:31:00	08/09/2017	10:21:00	1.83	0	5048	GAST	2C CT fuel gas skid trip due to bad FU-6 fuse in PLC p
116	Reserve Shutdown	08/10/2017	00:05:00	08/10/2017	07:34:00	7.48	0	0000	UNKN	RESERVE SHUTDOWN
117	Reserve Shutdown	08/10/2017	23:19:00	08/11/2017	09:35:00	10.27	0	0000	UNKN	RESERVE SHUTDOWN
118	Reserve Shutdown	08/12/2017	23:14:00	08/14/2017	08:31:00	33.28	0	0000	UNKN	RESERVE SHUTDOWN
119	Reserve Shutdown	08/15/2017	00:19:00	08/15/2017	10:04:00	9.75	0	0000	UNKN	RESERVE SHUTDOWN
120	Full Forced Immed	08/17/2017	17:40:00	08/17/2017	18:00:00	0.33	0	5048	GAST	2C CT fuel gas skid trip. Temp control valve (FGS-V21
121	Reserve Shutdown	08/17/2017	18:01:00	08/18/2017	06:00:00	11.98	0	0000	UNKN	RESERVE SHUTDOWN
122	Reserve Shutdown	08/18/2017	18:16:00	08/19/2017	09:35:00	15.32	0	0000	UNKN	RESERVE SHUTDOWN
123	Reserve Shutdown	08/20/2017	00:58:00	08/20/2017	08:56:00	7.97	0	0000	UNKN	RESERVE SHUTDOWN
124	Reserve Shutdown	08/21/2017	00:57:00	08/21/2017	09:46:00	8.82	0	0000	UNKN	RESERVE SHUTDOWN
125	Reserve Shutdown	08/22/2017	00:58:00	08/22/2017	07:59:00	7.02	0	0000	UNKN	RESERVE SHUTDOWN
126	Reserve Shutdown	08/23/2017	00:25:00	08/23/2017	09:33:00	9.13	0	0000	UNKN	RESERVE SHUTDOWN
127	Reserve Shutdown	08/23/2017	23:00:00	08/24/2017	09:28:00	10.47	0	0000	UNKN	RESERVE SHUTDOWN
128	Reserve Shutdown	08/24/2017	22:36:00	08/25/2017	08:28:00	9.87	0	0000	UNKN	RESERVE SHUTDOWN
129	Reserve Shutdown	08/25/2017	18:02:00	08/26/2017	03:36:00	9.57	0	0000	UNKN	RESERVE SHUTDOWN
130	Maintenance Outage	08/26/2017	03:37:00	08/26/2017	14:14:00	10.62	0	5272	GAST	2C CT enhanced borescope inspection (EBI).
131	Reserve Shutdown	08/26/2017	14:15:00	08/26/2017	14:37:00	0.37	0	0000	UNKN	RESERVE SHUTDOWN
132	Reserve Shutdown	08/27/2017	00:24:00	08/27/2017	11:51:00	11.45	0	0000	UNKN	RESERVE SHUTDOWN
133	Reserve Shutdown	08/27/2017	23:56:00	08/28/2017	09:30:00	9.57	0	0000	UNKN	RESERVE SHUTDOWN
134	Reserve Shutdown	08/29/2017	23:19:00	08/30/2017	08:42:00	9.38	0	0000	UNKN	RESERVE SHUTDOWN
135	Reserve Shutdown	08/30/2017	23:19:00	08/31/2017	09:04:00	9.75	0	0000	UNKN	RESERVE SHUTDOWN
136	Reserve Shutdown	08/31/2017	22:58:00	09/01/2017	08:35:00	1.03	0	0000	UNKN	RESERVE SHUTDOWN

**Tampa Electric Company  
Outage Listing  
(08/01/2017 - 08/31/2017)**

**Unit: BAYSIDE CT2D      MDC: 158      Run Date: 9/8/2017**

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC
135	Reserve Shutdown	08/01/2017	23:10:00	08/02/2017	06:30:00	7.33	0	0000	UNKN	RESERVE SHUTDOWN
136	Reserve Shutdown	08/02/2017	17:57:00	08/03/2017	11:08:00	17.18	0	0000	UNKN	RESERVE SHUTDOWN
137	Reserve Shutdown	08/03/2017	20:54:00	08/04/2017	05:56:00	9.03	0	0000	UNKN	RESERVE SHUTDOWN
138	Reserve Shutdown	08/05/2017	00:16:00	08/05/2017	08:32:00	8.27	0	0000	UNKN	RESERVE SHUTDOWN
139	Reserve Shutdown	08/08/2017	00:21:00	08/08/2017	09:36:00	9.25	0	0000	UNKN	RESERVE SHUTDOWN
140	Reserve Shutdown	08/09/2017	23:07:00	08/10/2017	09:40:00	10.55	0	0000	UNKN	RESERVE SHUTDOWN
141	Reserve Shutdown	08/11/2017	01:30:00	08/11/2017	10:45:00	9.25	0	0000	UNKN	RESERVE SHUTDOWN
142	Reserve Shutdown	08/12/2017	22:57:00	08/13/2017	12:58:00	14.02	0	0000	UNKN	RESERVE SHUTDOWN
143	Reserve Shutdown	08/13/2017	23:26:00	08/14/2017	10:04:00	10.63	0	0000	UNKN	RESERVE SHUTDOWN
144	Reserve Shutdown	08/14/2017	22:16:00	08/15/2017	05:19:00	7.05	0	0000	UNKN	RESERVE SHUTDOWN
145	Reserve Shutdown	08/15/2017	23:13:00	08/16/2017	08:47:00	9.57	0	0000	UNKN	RESERVE SHUTDOWN
146	Reserve Shutdown	08/18/2017	00:54:00	08/18/2017	09:50:00	8.93	0	0000	UNKN	RESERVE SHUTDOWN
147	Reserve Shutdown	08/18/2017	23:24:00	08/19/2017	10:32:00	11.13	0	0000	UNKN	RESERVE SHUTDOWN
148	Reserve Shutdown	08/19/2017	23:56:00	08/20/2017	10:27:00	10.52	0	0000	UNKN	RESERVE SHUTDOWN
149	Reserve Shutdown	08/20/2017	22:42:00	08/21/2017	09:08:00	10.43	0	0000	UNKN	RESERVE SHUTDOWN
150	Reserve Shutdown	08/21/2017	22:56:00	08/22/2017	05:56:00	7	0	0000	UNKN	RESERVE SHUTDOWN
151	Reserve Shutdown	08/22/2017	23:18:00	08/23/2017	06:22:00	7.07	0	0000	UNKN	RESERVE SHUTDOWN
152	Reserve Shutdown	08/23/2017	22:26:00	08/24/2017	08:33:00	10.12	0	0000	UNKN	RESERVE SHUTDOWN
153	Reserve Shutdown	08/24/2017	18:06:00	08/25/2017	00:53:00	6.78	0	0000	UNKN	RESERVE SHUTDOWN
154	Maintenance Outage	08/25/2017	00:54:00	08/25/2017	12:59:00	12.08	0	5272	GAST	2D CT enhanced borescope inspection (EBI).
155	Reserve Shutdown	08/25/2017	13:00:00	08/25/2017	13:24:00	0.4	0	0000	UNKN	RESERVE SHUTDOWN
156	Full Forced Immed	08/25/2017	14:16:00	08/26/2017	02:29:00	12.22	0	5073	GAST	2D CT trip due to loss of three flame scanners.
157	Reserve Shutdown	08/26/2017	02:30:00	08/26/2017	10:18:00	7.8	0	0000	UNKN	RESERVE SHUTDOWN
158	Reserve Shutdown	08/26/2017	21:30:00	08/27/2017	09:03:00	11.55	0	0000	UNKN	RESERVE SHUTDOWN
159	Reserve Shutdown	08/27/2017	21:44:00	08/28/2017	06:25:00	8.68	0	0000	UNKN	RESERVE SHUTDOWN
160	Reserve Shutdown	08/28/2017	23:08:00	08/29/2017	11:16:00	12.13	0	0000	UNKN	RESERVE SHUTDOWN
161	Reserve Shutdown	08/29/2017	20:44:00	08/30/2017	06:39:00	9.92	0	0000	UNKN	RESERVE SHUTDOWN
162	Reserve Shutdown	08/31/2017	22:18:00	09/01/2017	05:45:00	1.7	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 6e GE Logic Controller
CSC	Convective Syngas Coolers	MOC	Motor Operated Control
CT	Combustion Turbine	MOV	Motor Operated Valve
DA	Deaerator	N <sub>2</sub>	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		