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January 25, 2017

**ELECTRONIC FILING**

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

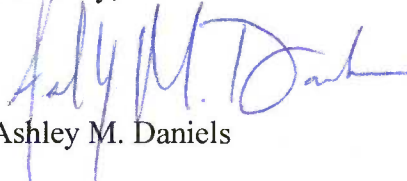
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance  
Incentive Factor; FPSC Docket No. 160001-EI

Dear Ms. Stauffer:

Attached for filing in the above docket is Tampa Electric Company's GPIF Actual Unit  
Performance Data Schedules for the month of December 2016.

Thank you for your assistance in connection with this matter.

Sincerely,



Ashley M. Daniels

AMD/ne

Attachment

cc: All parties of record (w/attachment)

## CERTIFICATE OF SERVICE

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

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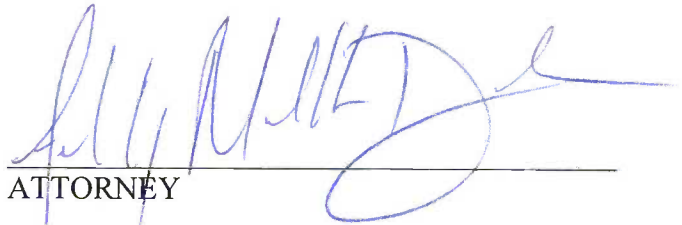
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ATTORNEY

ORIGINAL SHEET NO. 8.401.16A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND 1	JAN 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	2016
1. EAF (%)	48.0	77.4	91.8	61.7	68.4	88.4	93.3	98.1	94.9	75.7	94.1	63.5	79.6
2. PH	744	696	743	720	744	720	744	744	720	744	721	744	8784
3. SH	364.7	569.8	683.5	445.7	516.4	720.0	744.0	744.0	702.8	587.0	532.4	499.4	7109.7
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	146.3	0.0	146.3
5. UH	379.3	126.2	59.5	274.3	227.6	0.0	0.0	0.0	17.2	157.0	42.3	244.6	1528.1
6. POH	0.0	0.0	0.0	274.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	244.6	518.9
7. FOH	379.3	126.2	59.5	0.0	227.6	0.0	0.0	0.0	17.2	157.0	0.0	0.0	966.9
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.3	0.0	42.3
9. PFOH	30.9	94.0	15.9	9.8	10.9	108.4	507.8	0.0	34.0	50.1	0.0	56.9	918.6
10. LR PF (MW)	94.0	131.7	23.5	18.8	161.5	28.8	30.4	0.0	217.3	180.0	0.0	189.9	69.0
11. PMOH	0.0	0.3	1.0	1.4	6.7	408.4	133.3	21.9	1.0	1.0	0.3	0.0	575.3
12. LR PM (MW)	0.0	206.9	214.4	195.0	169.0	70.9	28.7	249.8	216.4	216.9	216.0	0.0	70.3
13. NSC (MW)	395	395	395	385	385	385	385	385	385	385	385	395	388
14. OPR BTU(GBTU)	894.2913	1684.8736	1958.0597	1221.1867	1991.3879	2459.7769	2435.1650	2421.0945	2180.4796	1704.3461	1427.6698	1472.9914	21851.3224
15. NET GEN (MWH)	82135	157430	181868	113374	184974	230382	223155	217261	195902	151866	124952	133340	1996639
16. ANOHR (BTU/KWH)	10888	10702	10766	10771	10766	10677	10912	11144	11130	11223	11426	11047	10944
17. NOF (%)	57.0	69.9	67.4	66.1	93.0	83.1	77.9	75.8	72.4	67.2	61.0	67.6	72.4
18. NPC (MW)	395	395	395	385	385	385	385	385	385	385	385	395	388
19. ANOHR EQUATION	ANOHR = NOF ( -16.86 ) + ( 12,219 )												

ORIGINAL SHEET NO. 8.401.16A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND 2	JAN 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	2016
1. EAF (%)	76.7	8.4	68.3	0.0	0.0	36.8	95.6	86.2	62.4	67.8	91.9	59.6	54.8
2. PH	744	696	743	720	744	720	744	744	720	744	721	744	8784
3. SH	595.3	59.5	570.0	0.0	0.0	353.5	717.0	674.6	489.2	585.8	613.7	496.1	5154.7
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79.5	0.0	79.5
5. UH	148.7	636.5	173.0	720.0	744.0	366.5	27.0	69.4	230.8	158.2	27.8	247.9	3549.8
6. POH	0.0	0.0	173.0	720.0	744.0	90.0	0.0	0.0	0.0	0.0	0.0	247.9	1974.9
7. FOH	148.7	636.5	0.0	0.0	0.0	276.5	27.0	69.4	230.8	158.2	0.0	0.0	1547.1
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.8	0.0	27.8
9. PFOH	220.2	20.0	519.3	0.0	0.0	137.8	22.3	274.0	450.3	462.0	234.0	468.6	2808.5
10. LR PF (MW)	31.3	21.9	43.0	0.0	0.0	246.9	15.1	37.5	34.2	67.9	49.7	44.3	54.6
11. PMOH	144.3	0.0	50.7	0.0	0.0	0.0	8.4	11.7	0.0	0.2	0.7	0.0	215.8
12. LR PM (MW)	19.5	0.0	45.9	0.0	0.0	0.0	230.1	216.0	0.0	178.4	216.0	0.0	45.2
13. NSC (MW)	395	395	395	385	385	385	385	385	385	385	385	395	388
14. OPR BTU(GBTU)	1571.2504	211.3306	1598.3878	0.0000	0.0000	872.0005	2559.9595	2292.1508	1484.7001	1772.6389	1690.4302	1692.0055	15744.8543
15. NET GEN (MWH)	138943	18535	144508	0	0	83401	253184	221287	139783	159715	148516	159739	1467611
16. ANOHR (BTU/KWH)	11309	11402	11061	0	0	10456	10111	10358	10621	11099	11382	10592	10728
17. NOF (%)	59.1	78.9	64.2	0.0	0.0	61.3	91.7	85.2	74.2	70.8	62.9	81.5	73.3
18. NPC (MW)	395	395	395	385	385	385	385	385	385	385	385	395	388
19. ANOHR EQUATION	ANOHR = NOF ( -21.73 ) + ( 12,462 )												

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ORIGINAL SHEET NO. 8.401.16A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND 3	JAN 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	2016
1. EAF (%)	37.8	11.3	53.5	59.3	74.2	52.7	44.6	53.0	49.6	85.4	56.7	65.7	53.9
2. PH	744	696	743	720	744	720	744	744	720	744	721	744	8784
3. SH	201.7	158.5	660.2	675.6	556.3	622.7	476.6	572.3	516.7	743.1	455.8	664.1	6303.7
4. RSH	176.3	0.0	71.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	247.8
5. UH	366.0	537.5	11.3	44.4	187.8	97.3	267.4	171.7	203.3	0.9	265.2	79.9	2232.5
6. POH	313.0	537.5	0.0	0.0	0.0	0.0	0.0	169.0	82.9	0.0	0.0	0.0	1102.4
7. FOH	53.0	0.0	0.0	44.4	187.8	97.3	267.4	2.7	120.4	0.9	188.4	79.9	1042.0
8. MOH	0.0	0.0	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	76.8	0.0	88.1
9. PFOH	145.2	158.5	660.2	561.0	91.1	587.6	476.6	572.3	516.7	729.8	452.0	575.1	5525.9
10. LR PF (MW)	266.6	202.4	202.4	175.1	9.4	163.2	120.1	122.9	122.3	58.3	40.9	120.4	130.4
11. PMOH	0.0	0.0	0.0	0.0	9.2	0.4	0.0	0.0	0.0	0.7	0.0	4.8	15.0
12. LR PM (MW)	0.0	0.0	0.0	0.0	84.0	164.7	0.0	0.0	0.0	112.9	0.0	197.6	123.3
13. NSC (MW)	400	400	400	395	395	395	395	395	395	395	395	400	396
14. OPR BTU(GBTU)	405.2481	234.3710	1060.7180	1369.1591	2157.6237	1497.1691	1349.7902	1617.0674	1423.1616	2409.5227	1176.2065	1868.6555	16568.6929
15. NET GEN (MWH)	34135	21494	100847	131589	204773	139051	122309	148589	129000	228928	111580	171065	1543360
16. ANOHR BTU/KWH	11872	10904	10518	10405	10537	10767	11036	10883	11032	10525	10541	10924	10735
17. NOF (%)	42.3	33.9	38.2	49.3	93.2	56.5	65.0	65.7	63.2	78.0	62.0	64.4	61.8
18. NPC (MW)	400	400	400	395	395	395	395	395	395	395	395	400	397
19. ANOHR EQUATION	ANOHR = NOF ( -17.14 ) + ( 12,189 )												

ORIGINAL SHEET NO. 8.401.16A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BIG BEND 4	JAN 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	2016
1. EAF (%)	92.7	73.4	63.1	68.1	92.3	63.4	74.2	69.6	89.7	84.2	44.8	62.2	73.2
2. PH	744	696	743	720	744	720	744	744	720	744	721	744	8784
3. SH	744.0	648.9	469.6	551.0	691.5	600.3	640.3	536.7	720.0	737.2	268.1	709.4	7317.0
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	153.0	0.0	153.0
5. UH	0.0	47.1	273.4	169.0	52.5	119.7	103.8	207.3	0.0	6.8	299.9	34.6	1314.0
6. POH	0.0	47.1	273.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	264.7	0.0	585.2
7. FOH	0.0	0.0	0.0	0.0	1.6	0.0	20.7	207.3	0.0	6.8	9.5	34.6	280.5
8. MOH	0.0	0.0	0.0	169.0	50.9	119.7	83.0	0.0	0.0	0.0	25.7	0.0	448.3
9. PFOH	379.2	627.7	0.0	279.5	35.2	474.0	617.2	281.8	562.4	711.9	24.2	701.6	4694.9
10. LR PF (MW)	61.5	93.0	0.0	83.3	47.4	132.8	62.4	29.2	52.4	62.5	232.6	152.6	85.8
11. PMOH	4.5	10.9	1.4	12.6	1.5	0.0	0.0	0.0	12.1	25.3	243.9	7.3	319.4
12. LR PM (MW)	138.8	241.0	228.0	255.9	220.0	0.0	0.0	0.0	254.2	154.9	153.2	250.8	166.8
13. NSC (MW)	442	442	442	437	437	437	437	437	437	437	437	442	439
14. OPR BTU(GBTU)	2255.8865	1823.8952	1126.6380	1536.5018	2677.8839	1911.2361	2403.0890	2274.2502	2775.5647	2558.4935	590.6017	2010.0231	23944.0636
15. NET GEN (MWH)	215861	178896	102685	149165	255872	184528	230994	214424	257688	246498	52412	186896	2275919
16. ANOHR BTU/KWH	10451	10195	10972	10301	10466	10357	10403	10606	10771	10379	11268	10755	10521
17. NOF (%)	65.6	62.4	49.5	61.9	84.7	70.3	82.6	91.4	81.9	76.5	44.7	59.6	70.9
18. NPC (MW)	442	442	442	437	437	437	437	437	437	437	437	442	439
19. ANOHR EQUATION	ANOHR = NOF ( -13.92 ) + ( 11,725 )												

ORIGINAL SHEET NO. 8.401.16A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
POLK 1	JAN 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	2016
1. EAF (%)	100.0	92.3	84.0	74.2	10.2	98.1	97.2	99.4	99.9	83.9	88.4	63.4	82.4
2. PH	744	696	743	720	744	720	744	744	720	744	721	744	8784
3. SH	744.0	599.4	624.2	534.2	75.7	657.2	723.4	739.6	719.1	624.1	637.3	471.4	7149.6
4. RSH	0.0	42.8	0.0	0.0	0.0	49.4	0.0	0.0	0.0	0.0	0.0	0.0	92.2
5. UH	0.0	53.8	118.8	185.8	668.3	13.4	20.6	4.4	0.9	119.9	83.7	272.6	1542.2
6. POH	0.0	0.0	0.0	178.8	635.0	0.0	0.0	0.0	0.0	0.0	83.7	272.6	1170.0
7. FOH	0.0	38.0	118.8	7.1	33.4	13.4	20.6	4.4	0.9	4.3	0.0	0.0	240.8
8. MOH	0.0	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	115.6	0.0	0.0	131.4
9. PFOH	0.0	0.0	0.0	0.0	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	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	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	0.0	0.0	0.0	0.0
13. NSC (MW)	220	220	220	220	220	220	220	220	220	220	220	220	220
14. OPR BTU(GBTU)	1618.4199	1269.9630	1400.1867	1131.8212	94.1340	1249.0334	1550.3390	1518.9319	1541.9942	1144.7564	1070.0645	964.1247	14553.7688
15. NET GEN (MWH)	164199	127694	137804	118079	2883	131352	158410	151850	151392	120540	114322	97650	1476175
16. ANOHR BTU/KWH	9856	9945	10161	9585	32651	9509	9787	10003	10185	9497	9360	9873	9859
17. NOF (%)	100.3	96.8	100.3	100.5	17.3	90.9	99.5	93.3	95.7	87.8	81.5	94.2	93.8
18. NPC (MW)	220	220	220	220	220	220	220	220	220	220	220	220	220
19. ANOHR EQUATION	ANOHR = NOF ( -22.73 ) + ( 12,327 )												

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ORIGINAL SHEET NO. 8.401.16A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BAYSIDE UNIT 1	JAN 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	2016
1. EAF (%)	100.0	61.5	99.7	99.3	98.4	96.6	100.0	99.8	97.7	25.3	0.0	57.5	78.1
2. PH	744	696	743	720	744	720	744	744	720	744	721	744	8784
3. SH	744.0	444.6	743.0	718.4	744.0	720.0	744.0	744.0	720.0	210.6	0.0	454.0	6986.6
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	4.5
5. UH	0.0	251.4	0.0	1.6	0.0	0.0	0.0	0.0	0.0	533.4	721.0	285.5	1792.9
6. POH	0.0	251.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	533.4	721.0	251.6	1757.4
7. FOH	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.7	34.2
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.3
9. PFOH	0.2	0.1	7.1	2.1	36.7	0.0	0.0	6.5	1.8	0.0	0.0	152.9	207.3
10. LR PF (MW)	0.0	264.0	264.0	233.7	233.7	0.0	0.0	190.0	233.7	0.0	0.0	108.2	140.6
11. PMOH	0.0	49.3	0.0	9.2	0.0	74.3	0.0	0.0	46.9	67.0	0.0	666.8	913.5
12. LR PM (MW)	0.0	264.0	0.0	233.7	0.0	233.7	0.0	0.0	233.7	233.7	0.0	11.7	73.3
13. NSC (MW)	792	792	792	701	701	701	701	701	701	701	701	792	732
14. OPR BTU(GBTU)	2779.4750	1731.2720	2788.0910	2819.1310	2445.9590	2617.2940	2738.7610	2565.3770	2592.9140	630.6210	0.0000	908.9280	24617.8230
15. NET GEN (MWH)	377266	231967	368785	376751	332398	351323	366732	342562	334034	82689	0	117179	3281686
16. ANOHR (BTU/KWH)	7367	7463	7560	7483	7359	7450	7468	7489	7762	7626	0	7757	7502
17. NOF (%)	64.0	65.9	62.7	74.8	63.7	69.6	70.3	65.7	66.2	56.0	0.0	32.6	64.2
18. NPC (MW)	792	792	792	701	701	701	701	701	701	701	701	792	731
19. ANOHR EQUATION	ANOHR = NOF ( -12.11 ) + ( 8,099 )												

ORIGINAL SHEET NO. 8.401.16A  
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2016 - DECEMBER 2016

PLANT/UNIT	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	MONTH OF:	PERIOD
BAYSIDE UNIT 2	JAN 16	FEB 16	MAR 16	APR 16	MAY 16	JUN 16	JUL 16	AUG 16	SEP 16	OCT 16	NOV 16	DEC 16	2016
1. EAF (%)	98.0	84.6	49.8	94.5	99.0	91.4	99.7	99.5	46.8	93.5	98.7	94.4	87.4
2. PH	744	696	743	720	744	720	744	744	720	744	721	744	8784
3. SH	744.0	647.6	487.8	711.3	744.0	714.0	744.0	744.0	398.0	731.3	721.0	744.0	8131.1
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	2.2
5. UH	0.0	48.4	255.2	8.7	0.0	6.0	0.0	0.0	322.0	10.5	0.0	0.0	650.8
6. POH	0.0	48.4	255.2	0.0	0.0	0.0	0.0	0.0	322.0	0.0	0.0	0.0	625.6
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8. MOH	0.0	0.0	0.0	8.7	0.0	6.0	0.0	0.0	0.0	10.5	0.0	0.0	25.2
9. PFOH	0.3	10.3	52.3	0.0	42.0	151.9	0.0	23.1	2.1	124.0	12.3	168.0	586.2
10. LR PF (MW)	261.8	261.8	261.8	0.0	2.5	232.3	0.0	145.2	232.3	232.3	232.3	261.8	224.0
11. PMOH	58.6	224.5	478.0	123.3	29.1	72.8	8.8	0.0	61.9	28.8	24.8	0.0	1110.6
12. LR PM (MW)	261.8	261.8	229.5	232.3	232.3	232.3	232.3	0.0	907.8	232.3	232.3	0.0	276.2
13. NSC (MW)	1047	1047	1047	929	929	929	929	929	929	929	929	1047	967
14. OPR BTU(GBTU)	3309.0280	3268.1750	1691.5940	3466.4640	3112.4070	3215.3450	3033.8120	3040.1240	1276.0020	2886.3350	3714.0450	2727.5350	34740.8660
15. NET GEN (MWH)	448880	437523	218662	459495	420466	430613	402670	403380	163358	362913	436801	349652	4534413
16. ANOHR (BTU/KWH)	7372	7470	7736	7544	7402	7467	7534	7537	7811	7953	8503	7801	7662
17. NOF (%)	57.6	64.5	42.8	69.5	60.8	64.9	58.3	58.4	44.2	53.4	65.2	44.9	57.7
18. NPC (MW)	1047	1047	1047	929	929	929	929	929	929	929	929	1047	968
19. ANOHR EQUATION	ANOHR = NOF ( -8.68 ) + ( 7,949 )												

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**Tampa Electric Company  
Outage Listing  
(12/01/2016 - 12/31/2016)**

**Unit: BIG BEND 1      MDC: 420      Run Date: 1/6/2017**

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
105	Partial Forced Immed	12/05/2016	02:00:00	12/05/2016	19:00:00	17	190	1470	BLR	A ID Fan drive cooling water leak
106	Partial Forced Immed	12/05/2016	19:00:00	12/07/2016	10:55:00	39.92	230	1470	BLR	A ID Fan drive cooling water leak
107	Planned Outage	12/13/2016	01:15:00	12/23/2016	05:48:00	244.55	0	8100	POLL	Tower cleanup

**Tampa Electric Company  
Outage Listing  
(12/01/2016 - 12/31/2016)**

Unit:		BIG BEND 2		MDC:		420		Run Date:		1/6/2017	
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	
129	Partial Forced Immed	11/26/2016	19:05:00	12/01/2016	00:01:00	0.02	365	8812	NOx	High differential pressure indication across catalyst	
130	Partial Forced Immed	12/01/2016	00:01:00	12/05/2016	20:30:00	116.48	360	8812	NOx	High differential pressure indication across catalyst	
131	Partial Forced Immed	12/05/2016	20:30:00	12/06/2016	06:00:00	9.5	350	0256	BLR	A Pulverizer has low seal air pressure indications	
132	Partial Forced Immed	12/06/2016	06:00:00	12/11/2016	23:15:00	137.25	360	8812	NOx	High differential pressure indication across catalyst	
133	Planned Outage	12/11/2016	23:15:00	12/22/2016	07:06:00	247.85	0	8100	POLL	Tower cleanup	
134	Partial Forced Immed	12/23/2016	10:40:00	01/01/2017	00:00:00	205.33	390	8812	NOx	High differential pressure indication across catalyst	

**Tampa Electric Company  
Outage Listing  
(12/01/2016 - 12/31/2016)**

**Unit: BIG BEND 3      MDC: 425      Run Date: 1/6/2017**

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
111	Full Forced Delayed	11/23/2016	03:38:00	12/04/2016	07:54:00	79.9	0	1050	BLR	High temp superheat tube leak
112	Partial Forced Immed	12/05/2016	04:20:00	12/05/2016	12:43:00	8.38	420	0570	BLR	Low steam temperatures
113	Partial Forced Immed	12/05/2016	12:43:00	12/05/2016	20:00:00	7.28	415	0570	BLR	Low steam temperatures
114	Partial Forced Immed	12/05/2016	20:00:00	12/06/2016	10:00:00	14	400	1470	BLR	B ID Fan high vibration indication
115	Partial Forced Immed	12/06/2016	10:00:00	12/07/2016	00:35:00	14.58	275	1470	BLR	B ID Fan motor cooling fan damage
116	Partial Forced Immed	12/07/2016	00:35:00	12/14/2016	00:10:00	167.58	270	1470	BLR	B ID Fan motor cooling fan damage
117	Planned Derating	12/14/2016	00:10:00	12/14/2016	04:55:00	4.75	215	3170	COND	B Condenser inspection
118	Partial Forced Immed	12/14/2016	04:55:00	12/18/2016	00:01:00	91.1	270	1470	BLR	B ID Fan motor cooling fan damage
119	Partial Forced Immed	12/18/2016	00:01:00	12/21/2016	20:30:00	92.48	275	1470	BLR	B ID Fan motor cooling fan damage
120	Partial Forced Immed	12/21/2016	22:30:00	12/23/2016	05:00:00	30.5	350	1170	BLR	High APH inlet temperature indication. Suspected tube
121	Partial Forced Immed	12/23/2016	05:00:00	12/25/2016	09:30:00	52.5	345	1170	BLR	High APH inlet temperature indication. Suspected tube
122	Partial Forced Immed	12/25/2016	09:30:00	12/25/2016	12:07:00	2.62	340	1170	BLR	High APH inlet temperature indication. Suspected tube
123	Partial Forced Immed	12/25/2016	12:07:00	12/25/2016	20:30:00	8.38	335	1170	BLR	High APH inlet temperature indication. Suspected tube
124	Partial Forced Immed	12/25/2016	20:30:00	12/26/2016	15:00:00	18.5	330	1170	BLR	High APH inlet temperature indication. Suspected tube
125	Partial Forced Immed	12/26/2016	15:00:00	12/26/2016	17:05:00	2.08	350	1170	BLR	High APH inlet temperature indication. Suspected tube
126	Partial Forced Immed	12/26/2016	17:05:00	12/26/2016	18:25:00	1.33	340	1170	BLR	High APH inlet temperature indication. Suspected tube
127	Partial Forced Immed	12/26/2016	18:25:00	12/27/2016	08:37:00	14.2	335	1170	BLR	High APH inlet temperature indication. Suspected tube
128	Partial Forced Immed	12/27/2016	08:37:00	12/29/2016	10:10:00	49.55	300	0300	BLR	A Pulverizer motor inboard bearing temperature excee

**Tampa Electric Company  
Outage Listing  
(12/01/2016 - 12/31/2016)**

Unit:		BIG BEND 4		MDC:		475		Run Date:		1/6/2017	
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	
183	Full Forced Delayed	11/30/2016	14:30:00	12/02/2016	03:24:00	27.4	0	0790	BLR	Lower ring header drain line hanger failure	
184	Partial Forced Immed	12/02/2016	03:24:00	12/05/2016	18:00:00	86.6	225	1471	BLR	A ID Fan motor failure	
185	Partial Forced Immed	12/05/2016	18:00:00	12/07/2016	11:20:00	41.33	230	1471	BLR	A ID Fan motor failure	
186	Full Forced Immed	12/07/2016	11:20:00	12/07/2016	18:30:00	7.17	0	3412	BLPT	BFPT tripped	
187	Partial Forced Immed	12/07/2016	18:30:00	12/09/2016	16:20:00	45.83	225	1471	BLR	A ID Fan motor failure	
189	Partial Forced Immed	12/09/2016	16:20:00	12/11/2016	00:01:00	31.68	230	1471	BLR	A ID Fan motor failure	
190	Partial Forced Immed	12/11/2016	00:01:00	12/16/2016	18:47:00	138.77	225	1471	BLR	A ID Fan motor failure	
191	Partial Forced Immed	12/16/2016	18:47:00	12/17/2016	05:00:00	10.22	400	8551	POLL	Particulate matter limit.	
192	Partial Forced Immed	12/17/2016	05:00:00	12/17/2016	11:00:00	6	410	8551	POLL	Particulate matter limit.	
193	Partial Forced Immed	12/17/2016	11:00:00	12/17/2016	14:00:00	3	400	8825	NOx	SCR inlet temperature limit (800 deg)	
194	Partial Forced Immed	12/17/2016	14:00:00	12/17/2016	18:00:00	4	375	8551	POLL	Particulate matter limit.	
195	Partial Forced Immed	12/17/2016	18:00:00	12/17/2016	23:45:00	5.75	380	8551	POLL	Particulate matter limit.	
196	Partial Maintenance	12/17/2016	23:45:00	12/18/2016	01:50:00	2.08	240	4268	TURB	Main Turbine valve testing	
197	Partial Forced Immed	12/18/2016	01:50:00	12/19/2016	16:00:00	38.17	380	8551	POLL	Particulate matter limit.	
198	Partial Forced Immed	12/19/2016	16:00:00	12/19/2016	17:25:00	1.42	400	8825	NOx	SCR inlet temperature limit (800 deg)	
199	Partial Forced Immed	12/19/2016	17:25:00	12/20/2016	07:00:00	13.58	385	8551	POLL	Particulate matter limit.	
200	Partial Forced Immed	12/20/2016	07:00:00	12/20/2016	11:15:00	4.25	400	8825	NOx	SCR inlet temperature limit (800 deg)	
201	Partial Forced Immed	12/20/2016	11:15:00	12/26/2016	07:30:00	140.25	390	8825	NOx	SCR inlet temperature limit (800 deg)	
202	Partial Forced Immed	12/26/2016	07:30:00	12/26/2016	17:05:00	9.58	400	8551	POLL	SCR inlet temperature limit (800 deg)	
203	Partial Forced Immed	12/26/2016	17:05:00	12/27/2016	09:30:00	16.42	390	8551	POLL	Particulate matter limit.	
205	Partial Forced Immed	12/27/2016	09:30:00	12/27/2016	20:45:00	11.25	400	8825	NOx	SCR inlet temperature limit (800 deg)	
206	Partial Forced Immed	12/27/2016	20:45:00	12/28/2016	07:15:00	10.5	390	8825	NOx	SCR inlet temperature limit (800 deg)	
207	Partial Forced Immed	12/28/2016	07:15:00	12/29/2016	10:00:00	26.75	400	1170	BLR	High APH inlet temperature indication. Suspected tube	
208	Partial Forced Immed	12/29/2016	10:00:00	12/30/2016	02:00:00	16	415	8825	NOx	SCR inlet temperature limit (800 deg)	
209	Partial Forced Immed	12/30/2016	02:00:00	12/30/2016	23:13:00	21.22	400	8825	NOx	SCR inlet temperature limit (800 deg)	
210	Planned Derating	12/30/2016	23:13:00	12/31/2016	03:45:00	4.53	220	3270	BLPT	A Condenser ZBL system gear box repairs	
211	Planned Derating Extension	12/31/2016	03:45:00	12/31/2016	05:00:00	1.25	220	3122	COND	A Condenser access door gasket leaking	
212	Partial Forced Immed	12/31/2016	05:00:00	01/01/2017	00:00:00	19	400	8825	NOx	SCR inlet temperature limit (800 deg)	

**Tampa Electric Company  
Outage Listing  
(12/01/2016 - 12/31/2016)**

**Unit: POLK 1      MDC: 290      Run Date: 1/6/2017**

Event Number	Event Type	Start Date	Start Time	End Date	End Time	Duration (Hours)	Unit Cap	Cause Code	Equipment Group	Event Description
48	Planned Derating	11/25/2016	08:00:00	12/12/2016	12:00:00	272.63	200	5049	GAST	Gasifier outage (Planned Outage for 2018 push)
48	Planned Derating	11/25/2016	08:00:00	12/12/2016	12:00:00	3.37	200	5049	GAST	Gasifier outage (Planned Outage for 2018 push)
49	Planned Outage	11/27/2016	12:20:00	12/12/2016	08:38:00	272.63	0	6299	COMB	Pushed 2018 Outage, HRSG Inspection, Nitrogen Con
50	Partial Forced Immed	12/12/2016	12:00:00	12/14/2016	11:28:00	47.47	200	5049	GAST	CSC tube leak repair, lower RSC Waterwall failure
51	Partial Forced Immed	12/28/2016	14:39:00	12/28/2016	15:05:00	0.43	280	5240	GAST	C Combustible monitor caused a runback
				EUOH	EAF					
			Gas	272.63	63.36%					
			Coal	323.48	56.52%					

**Tampa Electric Company  
Outage Listing  
(12/01/2016 - 12/31/2016)**

Unit:		BAYSIDE ST1		MDC:		246		Run Date:		1/6/2017	
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	
7	Planned Outage	12/01/2016	00:01:00	12/11/2016	11:34:00	251.55	0	4400	TURB	Planned 2016 Fall Major Turbine Outage and Inspectic	
8	Maintenance Outage	12/11/2016	15:59:00	12/11/2016	17:15:00	1.27	0	4842	GEN	Operator initiated trip test	
9	Full Forced Immed	12/11/2016	17:16:00	12/12/2016	12:28:00	19.2	0	3629	BLPT	ST-1 Poletop 1652 opened to allow repairs to 1A CT P	
10	Reserve Shutdown	12/12/2016	12:29:00	12/12/2016	16:59:00	4.5	0	0000	UNKN	RESERVE SHUTDOWN	
11	Full Forced Immed	12/12/2016	17:00:00	12/13/2016	06:28:00	13.47	0	3832	BLPT	Unavailable for repairs to ST-1 Left Side Reheat Stop '	



**Tampa Electric Company  
Outage Listing  
(12/01/2016 - 12/31/2016)**

Unit:		BAYSIDE CT1A		MDC:		185		Run Date:		1/6/2017	
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	Planned Outage	12/01/2016	00:01:00	12/09/2016	11:20:00	203.32	0	5110	GAST	Planned 2016 Fall Outage. Lube oil systems major cle	
136	Reserve Shutdown	12/09/2016	11:33:00	12/10/2016	17:24:00	29.85	0	0000	UNKN	RESERVE SHUTDOWN	
137	Full Forced Immed	12/10/2016	17:25:00	12/12/2016	11:00:00	41.58	0	3629	BLPT	Poletops opened to allow repairs to 1A CT Poletop Sw	
138	Reserve Shutdown	12/12/2016	11:01:00	12/12/2016	16:59:00	5.97	0	0000	UNKN	RESERVE SHUTDOWN	
139	Full Forced Immed	12/12/2016	17:00:00	12/14/2016	03:05:00	34.08	0	3832	BLPT	Repairs to ST-1 Left Side Reheat Stop Valve required	
140	Reserve Shutdown	12/14/2016	03:06:00	12/14/2016	09:36:00	6.5	0	0000	UNKN	RESERVE SHUTDOWN	
141	Reserve Shutdown	12/15/2016	00:40:00	12/16/2016	06:22:00	29.7	0	0000	UNKN	RESERVE SHUTDOWN	
142	Reserve Shutdown	12/16/2016	21:02:00	12/17/2016	06:08:00	9.1	0	0000	UNKN	RESERVE SHUTDOWN	
143	Reserve Shutdown	12/17/2016	20:43:00	12/18/2016	07:04:00	10.35	0	0000	UNKN	RESERVE SHUTDOWN	
144	Reserve Shutdown	12/18/2016	22:46:00	12/19/2016	09:21:00	10.58	0	0000	UNKN	RESERVE SHUTDOWN	
145	Reserve Shutdown	12/20/2016	23:05:00	12/21/2016	07:24:00	8.32	0	0000	UNKN	RESERVE SHUTDOWN	
146	Full Forced Immed	12/21/2016	07:25:00	12/21/2016	11:20:00	3.92	0	5041	GAST	1A Unavailable due to a leaking inlet safety valve on tf	
147	Reserve Shutdown	12/21/2016	11:21:00	12/24/2016	12:06:00	72.75	0	0000	UNKN	RESERVE SHUTDOWN	
148	Reserve Shutdown	12/27/2016	19:26:00	12/28/2016	09:29:00	14.05	0	0000	UNKN	RESERVE SHUTDOWN	
149	Reserve Shutdown	12/28/2016	22:12:00	12/29/2016	06:26:00	8.23	0	0000	UNKN	RESERVE SHUTDOWN	
150	Reserve Shutdown	12/29/2016	20:44:00	12/30/2016	16:57:00	20.22	0	0000	UNKN	RESERVE SHUTDOWN	
151	Reserve Shutdown	12/31/2016	00:35:00	12/31/2016	23:59:00	23.4	0	0000	UNKN	RESERVE SHUTDOWN	

**Tampa Electric Company  
Outage Listing  
(12/01/2016 - 12/31/2016)**

Unit:		BAYSIDE CT1B		MDC:		185		Run Date:		1/6/2017	
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	
142	Planned Outage	12/01/2016	00:01:00	12/08/2016	14:28:00	182.45	0	5110	GAST	Planned 2016 Fall Outage. Lube oil systems major cle	
143	Reserve Shutdown	12/08/2016	14:29:00	12/10/2016	02:43:00	36.23	0	0000	UNKN	RESERVE SHUTDOWN	
144	Full Forced Immed	12/10/2016	03:14:00	12/10/2016	03:57:00	0.72	0	3830	BLPT	1B tripped on triple high LP Drum Level	
145	Reserve Shutdown	12/10/2016	17:12:00	12/11/2016	07:28:00	14.27	0	0000	UNKN	RESERVE SHUTDOWN	
146	Reserve Shutdown	12/11/2016	17:17:00	12/12/2016	16:59:00	23.7	0	0000	UNKN	RESERVE SHUTDOWN	
147	Full Forced Immed	12/12/2016	17:00:00	12/14/2016	04:08:00	35.13	0	3832	BLPT	Unit 1 made Unavailable for repairs to ST-1 Left Side f	
148	Reserve Shutdown	12/19/2016	23:24:00	12/20/2016	06:54:00	7.5	0	0000	UNKN	RESERVE SHUTDOWN	
149	Reserve Shutdown	12/24/2016	21:46:00	12/25/2016	09:02:00	11.27	0	0000	UNKN	RESERVE SHUTDOWN	
150	Reserve Shutdown	12/25/2016	19:12:00	12/26/2016	10:36:00	15.4	0	0000	UNKN	RESERVE SHUTDOWN	
151	Reserve Shutdown	12/26/2016	21:44:00	12/27/2016	09:39:00	11.92	0	0000	UNKN	RESERVE SHUTDOWN	

**Tampa Electric Company  
Outage Listing  
(12/01/2016 - 12/31/2016)**

Unit:		MDC:						Run Date:			
BAYSIDE CT1C		185						1/6/2017			
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	
132	Planned Outage	12/01/2016	00:00:00	12/12/2016	17:00:00	281	0	5110	GAST	Planned 2016 Fall Outage. Lube oil systems major cle	
133	Full Forced Immed	12/12/2016	17:00:00	12/14/2016	06:28:00	37.47	0	3832	BLPT	Unit 1 made Unavailable for repairs to ST-1 Left Side f	
134	Reserve Shutdown	12/14/2016	06:28:00	01/01/2017	00:00:00	425.53	0	0000	UNKN	RESERVE SHUTDOWN	

**Tampa Electric Company  
Outage Listing  
(12/01/2016 - 12/31/2016)**

<b>Unit:</b>	<b>BAYSIDE ST2</b>	<b>MDC:</b>	<b>318</b>							<b>Run Date:</b>	<b>1/6/2017</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>	
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
EVNT_NO	EVNT_TYPE	START_DATE	START_TIME	EV_DATE	EV_TIME	CALCHRS	GAC	CAUSE_CODE	GRPNAME	VERB_DESC	

**Tampa Electric Company  
Outage Listing  
(12/01/2016 - 12/31/2016)**

**Unit: BAYSIDE CT2A      MDC: 185      Run Date: 1/6/2017**

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
168	Reserve Shutdown	12/01/2016	00:00:00	12/01/2016	07:18:00	7.3	0	0000	UNKN RESERVE SHUTDOWN	
169	Reserve Shutdown	12/03/2016	20:13:00	12/04/2016	12:59:00	16.77	0	0000	UNKN RESERVE SHUTDOWN	
170	Reserve Shutdown	12/05/2016	00:31:00	12/05/2016	11:26:00	10.92	0	0000	UNKN RESERVE SHUTDOWN	
171	Reserve Shutdown	12/12/2016	21:51:00	12/13/2016	05:11:00	7.33	0	0000	UNKN RESERVE SHUTDOWN	
172	Reserve Shutdown	12/14/2016	20:14:00	12/15/2016	07:18:00	11.07	0	0000	UNKN RESERVE SHUTDOWN	
173	Reserve Shutdown	12/16/2016	01:43:00	12/17/2016	08:26:00	30.72	0	0000	UNKN RESERVE SHUTDOWN	
174	Reserve Shutdown	12/17/2016	22:39:00	12/18/2016	09:30:00	10.85	0	0000	UNKN RESERVE SHUTDOWN	
175	Reserve Shutdown	12/18/2016	21:56:00	12/19/2016	05:24:00	7.47	0	0000	UNKN RESERVE SHUTDOWN	
176	Reserve Shutdown	12/19/2016	22:13:00	12/20/2016	09:28:00	11.25	0	0000	UNKN RESERVE SHUTDOWN	
177	Reserve Shutdown	12/27/2016	21:14:00	12/28/2016	11:00:00	13.77	0	0000	UNKN RESERVE SHUTDOWN	
178	Reserve Shutdown	12/28/2016	19:49:00	12/29/2016	11:32:00	15.72	0	0000	UNKN RESERVE SHUTDOWN	
179	Reserve Shutdown	12/29/2016	22:00:00	12/31/2016	04:48:00	30.8	0	0000	UNKN RESERVE SHUTDOWN	

**Tampa Electric Company  
Outage Listing  
(12/01/2016 - 12/31/2016)**

**Unit: BAYSIDE CT2B      MDC: 185      Run Date: 1/6/2017**

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
204	Reserve Shutdown	12/03/2016	00:01:00	12/03/2016	06:55:00	6.9	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
205	Reserve Shutdown	12/04/2016	23:09:00	12/05/2016	06:45:00	7.6	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
206	Reserve Shutdown	12/07/2016	01:47:00	12/07/2016	14:42:00	12.92	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
207	Reserve Shutdown	12/08/2016	23:44:00	12/12/2016	04:00:00	76.27	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
208	Reserve Shutdown	12/13/2016	00:02:00	12/13/2016	09:11:00	9.15	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
209	Reserve Shutdown	12/14/2016	22:56:00	12/16/2016	04:30:00	29.57	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
210	Reserve Shutdown	12/16/2016	23:33:00	12/17/2016	11:03:00	11.5	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
211	Reserve Shutdown	12/18/2016	01:25:00	12/18/2016	10:49:00	9.4	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
212	Reserve Shutdown	12/19/2016	00:07:00	12/19/2016	11:05:00	10.97	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
213	Reserve Shutdown	12/20/2016	00:17:00	12/20/2016	12:48:00	12.52	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
214	Reserve Shutdown	12/20/2016	21:18:00	12/21/2016	09:59:00	12.68	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
215	Reserve Shutdown	12/21/2016	23:46:00	12/23/2016	08:08:00	32.37	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
216	Reserve Shutdown	12/23/2016	22:26:00	12/24/2016	09:46:00	11.33	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
217	Reserve Shutdown	12/24/2016	18:31:00	12/25/2016	11:57:00	17.43	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
218	Reserve Shutdown	12/25/2016	17:16:00	12/27/2016	12:31:00	43.25	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
219	Reserve Shutdown	12/27/2016	22:47:00	12/28/2016	12:50:00	14.05	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN
220	Reserve Shutdown	12/28/2016	20:38:00	12/31/2016	23:59:00	75.35	0	0000	UNKN RESERVE SHUTDOWN	RESERVE SHUTDOWN

**Tampa Electric Company  
Outage Listing  
(12/01/2016 - 12/31/2016)**

Unit:		BAYSIDE CT2C		MDC:		185		Run Date:		1/6/2017	
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	
178	Reserve Shutdown	12/01/2016	00:01:00	12/01/2016	05:25:00	5.4	0	0000	UNKN	RESERVE SHUTDOWN	
179	Reserve Shutdown	12/02/2016	22:36:00	12/03/2016	06:21:00	7.75	0	0000	UNKN	RESERVE SHUTDOWN	
180	Full Forced Immed	12/03/2016	06:32:00	12/03/2016	08:37:00	2.08	0	5250	GAST	E-stop cabinet door bumped causing contacts to brea	
181	Reserve Shutdown	12/03/2016	23:09:00	12/04/2016	10:36:00	11.45	0	0000	UNKN	RESERVE SHUTDOWN	
182	Reserve Shutdown	12/06/2016	01:00:00	12/06/2016	09:22:00	8.37	0	0000	UNKN	RESERVE SHUTDOWN	
183	Reserve Shutdown	12/06/2016	23:58:00	12/07/2016	06:55:00	6.95	0	0000	UNKN	RESERVE SHUTDOWN	
184	Reserve Shutdown	12/07/2016	22:18:00	12/09/2016	07:54:00	33.6	0	0000	UNKN	RESERVE SHUTDOWN	
185	Reserve Shutdown	12/11/2016	00:28:00	12/11/2016	15:36:00	15.13	0	0000	UNKN	RESERVE SHUTDOWN	
186	Reserve Shutdown	12/14/2016	22:01:00	12/16/2016	05:38:00	31.62	0	0000	UNKN	RESERVE SHUTDOWN	
187	Reserve Shutdown	12/17/2016	00:32:00	12/18/2016	12:41:00	36.15	0	0000	UNKN	RESERVE SHUTDOWN	
188	Reserve Shutdown	12/19/2016	00:46:00	12/19/2016	12:47:00	12.02	0	0000	UNKN	RESERVE SHUTDOWN	
189	Reserve Shutdown	12/21/2016	20:44:00	12/22/2016	05:25:00	8.68	0	0000	UNKN	RESERVE SHUTDOWN	
190	Reserve Shutdown	12/22/2016	23:30:00	12/24/2016	14:06:00	38.6	0	0000	UNKN	RESERVE SHUTDOWN	
191	Reserve Shutdown	12/24/2016	19:42:00	12/25/2016	02:06:00	6.4	0	0000	UNKN	RESERVE SHUTDOWN	
192	Full Forced Immed	12/25/2016	02:07:00	12/31/2016	23:59:00	165.87	0	3834	BLPT	HP Evap 1 tube failure in 2C HRSG. First row, 12' for	

**Tampa Electric Company  
Outage Listing  
(12/01/2016 - 12/31/2016)**

Unit:		BAYSIDE CT2D		MDC:		185		Run Date:		1/6/2017	
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	
178	Reserve Shutdown	12/01/2016	23:02:00	12/02/2016	09:40:00	10.63	0	0000	UNKN RESERVE SHUTDOWN		
179	Reserve Shutdown	12/03/2016	14:16:00	12/04/2016	08:11:00	17.92	0	0000	UNKN RESERVE SHUTDOWN		
180	Reserve Shutdown	12/04/2016	20:42:00	12/05/2016	05:32:00	8.83	0	0000	UNKN RESERVE SHUTDOWN		
181	Reserve Shutdown	12/05/2016	21:45:00	12/06/2016	08:55:00	11.17	0	0000	UNKN RESERVE SHUTDOWN		
182	Reserve Shutdown	12/06/2016	21:20:00	12/07/2016	04:46:00	7.43	0	0000	UNKN RESERVE SHUTDOWN		
183	Reserve Shutdown	12/08/2016	21:31:00	12/09/2016	05:20:00	7.82	0	0000	UNKN RESERVE SHUTDOWN		
184	Reserve Shutdown	12/09/2016	21:56:00	12/11/2016	14:02:00	40.1	0	0000	UNKN RESERVE SHUTDOWN		
185	Reserve Shutdown	12/11/2016	22:39:00	12/12/2016	05:35:00	6.93	0	0000	UNKN RESERVE SHUTDOWN		
186	Reserve Shutdown	12/20/2016	14:19:00	12/21/2016	05:46:00	15.45	0	0000	UNKN RESERVE SHUTDOWN		
187	Reserve Shutdown	12/21/2016	22:41:00	12/25/2016	13:42:00	87.02	0	0000	UNKN RESERVE SHUTDOWN		
188	Reserve Shutdown	12/25/2016	20:48:00	12/26/2016	12:10:00	15.37	0	0000	UNKN RESERVE SHUTDOWN		
189	Reserve Shutdown	12/26/2016	22:55:00	12/27/2016	10:47:00	11.87	0	0000	UNKN RESERVE SHUTDOWN		
190	Reserve Shutdown	12/31/2016	11:56:00	12/31/2016	23:59:00	12.05	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
HRSG	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		