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June 25, 2018

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. 20180001-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 May 2018.

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 June 2018 to the following:

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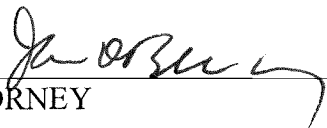
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ATTORNEY

ORIGINAL SHEET NO. 8.401.17A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2018 - DECEMBER 2018

| 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 18 | FEB 18 | MAR 18 | APR 18 | MAY 18 | JUN 18 | JUL 18 | AUG 18 | SEP 18 | OCT 18 | NOV 18 | DEC 18 | 2018 |
| 1. EAF (%) | 63.7 | 66.6 | 80.1 | 33.5 | 0.3 | | | | | | | | 48.1 |
| 2. PH | 744 | 672 | 743 | 720 | 744 | | | | | | | | 3623 |
| 3. SH | 503.5 | 549.5 | 743.0 | 271.0 | 0.0 | | | | | | | | 2067.0 |
| 4. RSH | 180.2 | 36.8 | 0.0 | 0.0 | 2.3 | | | | | | | | 219.3 |
| 5. UH | 60.3 | 85.7 | 0.0 | 449.0 | 741.7 | | | | | | | | 1336.7 |
| 6. POH | 0.0 | 0.0 | 0.0 | 449.0 | 741.7 | | | | | | | | 1190.7 |
| 7. FOH | 60.3 | 85.7 | 0.0 | 0.0 | 0.0 | | | | | | | | 146.0 |
| 8. MOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | 0.0 |
| 9. PFOH | 327.6 | 235.1 | 0.0 | 0.0 | 0.0 | | | | | | | | 562.6 |
| 10. LR PF (MW) | 44.1 | 9.6 | 0.0 | 0.0 | 0.0 | | | | | | | | 29.7 |
| 11. PMOH | 744.0 | 672.3 | 743.5 | 720.0 | 0.0 | | | | | | | | 2879.8 |
| 12. LR PM (MW) | 91.9 | 78.1 | 78.4 | 15.9 | 0.0 | | | | | | | | 66.2 |
| 13. NSC (MW) | 395 | 395 | 395 | 385 | 340 | | | | | | | | 382 |
| 14. OPR BTU(GBTU) | 732.3050 | 1006.8930 | 1196.0500 | 500.0300 | 0.0000 | | | | | | | | 3435.2780 |
| 15. NET GEN (MWH) | 62029 | 94369 | 105001 | 48780 | 0 | | | | | | | | 310179 |
| 16. ANOHR (BTU/KWH) | 11806 | 10670 | 11391 | 10251 | 0 | | | | | | | | 11075 |
| 17. NOF (%) | 31.2 | 43.5 | 35.8 | 46.8 | 0.0 | | | | | | | | 39.3 |
| 18. NPC (MW) | 395 | 395 | 395 | 385 | 340 | | | | | | | | 382 |
| 19. ANOHR EQUATION | ANOHR = NOF (-17.276) + 12,362 | | | | | | | | | | | | |

ORIGINAL SHEET NO. 8.401.17A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2018 - DECEMBER 2018

| 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 18 | FEB 18 | MAR 18 | APR 18 | MAY 18 | JUN 18 | JUL 18 | AUG 18 | SEP 18 | OCT 18 | NOV 18 | DEC 18 | 2018 |
| 1. EAF (%) | 57.3 | 35.3 | 30.7 | 66.2 | 91.3 | | | | | | | | 56.5 |
| 2. PH | 744 | 672 | 743 | 720 | 744 | | | | | | | | 3623 |
| 3. SH | 492.1 | 390.2 | 384.5 | 540.9 | 679.6 | | | | | | | | 2487.4 |
| 4. RSH | 0.0 | 23.6 | 0.0 | 0.0 | 0.0 | | | | | | | | 23.6 |
| 5. UH | 251.9 | 258.2 | 358.5 | 179.1 | 64.4 | | | | | | | | 1112.0 |
| 6. POH | 0.0 | 0.0 | 358.5 | 112.3 | 0.0 | | | | | | | | 470.8 |
| 7. FOH | 251.9 | 258.2 | 0.0 | 0.0 | 64.4 | | | | | | | | 574.5 |
| 8. MOH | 0.0 | 0.0 | 0.0 | 66.8 | 0.0 | | | | | | | | 66.8 |
| 9. PFOH | 787.0 | 1294.6 | 1486.0 | 645.0 | 1.7 | | | | | | | | 4214.3 |
| 10. LR PF (MW) | 33.4 | 54.6 | 42.1 | 38.8 | 40.0 | | | | | | | | 43.8 |
| 11. PMOH | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 | | | | | | | | 2.0 |
| 12. LR PM (MW) | 0.0 | 0.0 | 0.0 | 120.0 | 0.0 | | | | | | | | 120.0 |
| 13. NSC (MW) | 400 | 400 | 400 | 395 | 395 | | | | | | | | 398 |
| 14. OPR BTU(GBTU) | 1798.7949 | 987.5843 | 1084.0753 | 1965.2639 | 2635.8096 | | | | | | | | 8471.5280 |
| 15. NET GEN (MWH) | 163854 | 85845 | 90768 | 181082 | 247448 | | | | | | | | 768997 |
| 16. ANOHR BTU/KWH | 10978 | 11504 | 11943 | 10853 | 10652 | | | | | | | | 11016 |
| 17. NOF (%) | 83.2 | 55.0 | 59.0 | 84.8 | 92.2 | | | | | | | | 77.7 |
| 18. NPC (MW) | 400 | 400 | 400 | 395 | 395 | | | | | | | | 398 |
| 19. ANOHR EQUATION | ANOHR = NOF (-17.826) + 12,060 | | | | | | | | | | | | |

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ORIGINAL SHEET NO. 8.401.17A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2018 - DECEMBER 2018

| 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 18 | FEB 18 | MAR 18 | APR 18 | MAY 18 | JUN 18 | JUL 18 | AUG 18 | SEP 18 | OCT 18 | NOV 18 | DEC 18 | 2018 |
| 1. EAF (%) | 78.7 | 13.1 | 8.0 | 87.7 | 68.2 | | | | | | | | 51.7 |
| 2. PH | 744 | 672 | 743 | 720 | 744 | | | | | | | | 3623 |
| 3. SH | 744.0 | 69.0 | 59.2 | 720.0 | 635.9 | | | | | | | | 2228.1 |
| 4. RSH | 0.0 | 147.0 | 0.0 | 0.0 | 0.0 | | | | | | | | 147.0 |
| 5. UH | 0.0 | 456.0 | 683.8 | 0.0 | 108.1 | | | | | | | | 1247.9 |
| 6. POH | 0.0 | 456.0 | 683.8 | 0.0 | 0.0 | | | | | | | | 1139.8 |
| 7. FOH | 0.0 | 0.0 | 0.0 | 0.0 | 108.1 | | | | | | | | 108.1 |
| 8. MOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | 0.0 |
| 9. PFOH | 1611.4 | 2670.2 | 2735.1 | 762.4 | 2361.8 | | | | | | | | 10140.9 |
| 10. LR PF (MW) | 43.4 | 21.2 | 0.0 | 49.9 | 23.3 | | | | | | | | 21.7 |
| 11. PMOH | 0.0 | 0.0 | 0.0 | 6.3 | 5.9 | | | | | | | | 12.3 |
| 12. LR PM (MW) | 0.0 | 0.0 | 0.0 | 119.5 | 171.1 | | | | | | | | 144.5 |
| 13. NSC (MW) | 442 | 442 | 442 | 437 | 437 | | | | | | | | 440 |
| 14. OPR BTU(GBTU) | 2713.8402 | 129.6618 | 163.7140 | 2755.0214 | 2397.7246 | | | | | | | | 8159.9620 |
| 15. NET GEN (MWH) | 254243 | 13470 | 15848 | 260531 | 213939 | | | | | | | | 758031 |
| 16. ANOHR BTU/KWH | 10674 | 9626 | 10330 | 10575 | 11208 | | | | | | | | 10765 |
| 17. NOF (%) | 77.3 | 44.2 | 60.5 | 82.8 | 77.0 | | | | | | | | 77.3 |
| 18. NPC (MW) | 442 | 442 | 442 | 437 | 437 | | | | | | | | 440 |
| 19. ANOHR EQUATION | ANOHR = NOF (-12.371) + 11,518 | | | | | | | | | | | | |



ORIGINAL SHEET NO. 8.401.18A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2018 - DECEMBER 2018

| 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 18 | FEB 18 | MAR 18 | APR 18 | MAY 18 | JUN 18 | JUL 18 | AUG 18 | SEP 18 | OCT 18 | NOV 18 | DEC 18 | 2018 |
| 1. EAF (%) | 75.1 | 97.1 | 49.1 | 72.8 | 82.9 | | | | | | | | 75.0 |
| 2. PH | 744 | 672 | 743 | 720 | 744 | | | | | | | | 3623 |
| 3. SH | 567.8 | 669.2 | 384.2 | 454.4 | 648.7 | | | | | | | | 2724.2 |
| 4. RSH | 0.0 | 0.0 | 12.6 | 136.7 | 47.5 | | | | | | | | 196.7 |
| 5. UH | 176.2 | 2.8 | 346.2 | 129.0 | 47.8 | | | | | | | | 702.0 |
| 6. POH | 0.0 | 0.0 | 147.2 | 0.0 | 0.0 | | | | | | | | 147.2 |
| 7. FOH | 176.2 | 2.8 | 199.0 | 95.3 | 3.3 | | | | | | | | 476.7 |
| 8. MOH | 0.0 | 0.0 | 0.0 | 33.6 | 44.5 | | | | | | | | 78.1 |
| 9. PFOH | 236.6 | 121.2 | 171.5 | 720.0 | 744.0 | | | | | | | | 1993.3 |
| 10. LR PF (MW) | 8.2 | 29.8 | 30.0 | 20.5 | 23.4 | | | | | | | | 21.5 |
| 11. PMOH | 0.0 | 0.0 | 420.7 | 0.0 | 0.0 | | | | | | | | 420.7 |
| 12. LR PM (MW) | 0.0 | 0.0 | 4.4 | 0.0 | 0.0 | | | | | | | | 4.4 |
| 13. NSC (MW) | 220 | 220 | 220 | 220 | 220 | | | | | | | | 220 |
| 14. OPR BTU(GBTU) | 1332.1999 | 1559.7320 | 703.7845 | 552.8960 | 629.9650 | | | | | | | | 4778.5774 |
| 15. NET GEN (MWH) | 126117 | 152887 | 69570 | 60461 | 67992 | | | | | | | | 477027 |
| 16. ANOHR BTU/KWH | 10563 | 10202 | 10116 | 9145 | 9265 | | | | | | | | 10017 |
| 17. NOF (%) | 101.0 | 103.9 | 82.3 | 60.5 | 47.6 | | | | | | | | 79.6 |
| 18. NPC (MW) | 220 | 220 | 220 | 220 | 220 | | | | | | | | 220 |
| 19. ANOHR EQUATION | ANOHR = NOF (16.584) + 8,334 | | | | | | | | | | | | |

ORIGINAL SHEET NO. 8.401.18A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2018 - DECEMBER 2018

| 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 2 CC | JAN 18 | FEB 18 | MAR 18 | APR 18 | MAY 18 | JUN 18 | JUL 18 | AUG 18 | SEP 18 | OCT 18 | NOV 18 | DEC 18 | 2018 |
| 1. EAF (%) | 89.0 | 92.9 | 97.6 | 98.9 | 88.6 | | | | | | | | 93.3 |
| 2. PH | 744 | 672 | 743 | 720 | 744 | | | | | | | | 3623 |
| 3. SH | 743.0 | 672.0 | 743.0 | 720.0 | 656.7 | | | | | | | | 3534.7 |
| 4. RSH | 44.6 | 29.5 | 6.8 | 35.7 | 105.1 | | | | | | | | 221.6 |
| 5. UH | 42.5 | 47.3 | 10.6 | 4.4 | 79.9 | | | | | | | | 184.7 |
| 6. POH | 20.6 | 47.3 | 5.6 | 0.0 | 0.0 | | | | | | | | 73.5 |
| 7. FOH | 11.8 | 0.0 | 5.1 | 4.4 | 6.0 | | | | | | | | 27.2 |
| 8. MOH | 10.1 | 0.0 | 0.0 | 0.0 | 73.9 | | | | | | | | 84.0 |
| 9. PFOH | 656.7 | 0.9 | 91.8 | 30.4 | 6.2 | | | | | | | | 786.0 |
| 10. LR PF (MW) | 33.9 | 125.0 | 95.2 | 115.0 | 108.9 | | | | | | | | 44.9 |
| 11. PMOH | 204.7 | 315.3 | 37.3 | 0.0 | 49.5 | | | | | | | | 606.7 |
| 12. LR PM (MW) | 123.0 | 0.0 | 0.0 | 0.0 | 95.5 | | | | | | | | 49.3 |
| 13. NSC (MW) | 1200 | 1200 | 1200 | 1061 | 1061 | | | | | | | | 1144 |
| 14. OPR BTU(GBTU) | 4009.5850 | 3482.8960 | 4694.5570 | 4117.4190 | 3268.5620 | | | | | | | | 19573.0190 |
| 15. NET GEN (MWH) | 586465 | 538133 | 728981 | 634576 | 473543 | | | | | | | | 2961698 |
| 16. ANOHR BTU/KWH | 6837 | 6472 | 6440 | 6488 | 6902 | | | | | | | | 6609 |
| 17. NOF (%) | 65.8 | 66.7 | 81.8 | 83.1 | 68.0 | | | | | | | | 73.2 |
| 18. NPC (MW) | 1200 | 1200 | 1200 | 1061 | 1061 | | | | | | | | 1144 |
| 19. ANOHR EQUATION | ANOHR = NOF (-13.653) + 8,424 | | | | | | | | | | | | |

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ORIGINAL SHEET NO. 8.401.18A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2018 - DECEMBER 2018

| 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 18 | FEB 18 | MAR 18 | APR 18 | MAY 18 | JUN 18 | JUL 18 | AUG 18 | SEP 18 | OCT 18 | NOV 18 | DEC 18 | 2018 |
| 1. EAF (%) | 94.4 | 99.0 | 96.2 | 56.5 | 97.6 | | | | | | | | 88.8 |
| 2. PH | 744 | 672 | 743 | 720 | 744 | | | | | | | | 3623 |
| 3. SH | 670.6 | 672.0 | 743.0 | 422.0 | 744.0 | | | | | | | | 3251.6 |
| 4. RSH | 241.6 | 66.7 | 124.7 | 86.6 | 151.1 | | | | | | | | 670.7 |
| 5. UH | 33.4 | 4.6 | 20.3 | 302.9 | 11.7 | | | | | | | | 372.8 |
| 6. POH | 0.0 | 0.0 | 0.0 | 300.6 | 0.0 | | | | | | | | 300.6 |
| 7. FOH | 9.1 | 2.3 | 7.4 | 2.3 | 1.7 | | | | | | | | 22.8 |
| 8. MOH | 24.2 | 2.3 | 12.9 | 0.0 | 10.0 | | | | | | | | 49.4 |
| 9. PFOH | 39.6 | 10.0 | 19.4 | 10.3 | 9.2 | | | | | | | | 88.5 |
| 10. LR PF (MW) | 82.0 | 82.0 | 82.0 | 79.0 | 69.3 | | | | | | | | 80.3 |
| 11. PMOH | 39.9 | 9.9 | 55.6 | 48.8 | 45.0 | | | | | | | | 199.3 |
| 12. LR PM (MW) | 82.0 | 82.0 | 82.0 | 128.2 | 79.0 | | | | | | | | 92.6 |
| 13. NSC (MW) | 792 | 792 | 792 | 701 | 701 | | | | | | | | 756 |
| 14. OPR BTU(GBTU) | 1633.0960 | 2454.5140 | 2329.2960 | 1223.2730 | 2130.9140 | | | | | | | | 9771.0930 |
| 15. NET GEN (MWH) | 217843 | 332848 | 308710 | 162902 | 285477 | | | | | | | | 1307780 |
| 16. ANOHR (BTU/KWH) | 7497 | 7374 | 7545 | 7509 | 7464 | | | | | | | | 7472 |
| 17. NOF (%) | 41.0 | 62.5 | 52.5 | 55.1 | 54.7 | | | | | | | | 53.2 |
| 18. NPC (MW) | 792 | 792 | 792 | 701 | 701 | | | | | | | | 756 |
| 19. ANOHR EQUATION | ANOHR = NOF (-13.560) + 8,341 | | | | | | | | | | | | |

ORIGINAL SHEET NO. 8.401.18A
TAMPA ELECTRIC COMPANY

ACTUAL UNIT PERFORMANCE DATA

JANUARY 2018 - DECEMBER 2018

| 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 18 | FEB 18 | MAR 18 | APR 18 | MAY 18 | JUN 18 | JUL 18 | AUG 18 | SEP 18 | OCT 18 | NOV 18 | DEC 18 | 2018 |
| 1. EAF (%) | 87.8 | 0.0 | 0.0 | 56.1 | 93.1 | | | | | | | | 48.3 |
| 2. PH | 744 | 672 | 743 | 720 | 744 | | | | | | | | 3623 |
| 3. SH | 695.6 | 0.0 | 0.0 | 405.0 | 708.2 | | | | | | | | 1808.8 |
| 4. RSH | 243.7 | 0.0 | 0.0 | 114.2 | 168.1 | | | | | | | | 526.0 |
| 5. UH | 72.2 | 672.0 | 743.0 | 310.4 | 46.7 | | | | | | | | 1844.4 |
| 6. POH | 46.4 | 672.0 | 743.0 | 290.4 | 0.0 | | | | | | | | 1751.8 |
| 7. FOH | 15.5 | 0.0 | 0.0 | 19.4 | 9.0 | | | | | | | | 43.9 |
| 8. MOH | 10.3 | 0.0 | 0.0 | 0.6 | 37.8 | | | | | | | | 48.7 |
| 9. PFOH | 9.4 | 0.0 | 0.0 | 65.5 | 51.0 | | | | | | | | 125.9 |
| 10. LR PF (MW) | 79.0 | 0.0 | 0.0 | 74.3 | 77.0 | | | | | | | | 75.7 |
| 11. PMOH | 231.8 | 0.0 | 0.0 | 3.5 | 8.3 | | | | | | | | 243.5 |
| 12. LR PM (MW) | 79.3 | 0.0 | 0.0 | 77.0 | 77.0 | | | | | | | | 79.2 |
| 13. NSC (MW) | 1047 | 1047 | 1047 | 929 | 929 | | | | | | | | 1000 |
| 14. OPR BTU(GBTU) | 1818.3620 | 0.0000 | 0.0000 | 1418.0970 | 2605.2610 | | | | | | | | 5841.7200 |
| 15. NET GEN (MWH) | 232588 | -3128 | -3411 | 187162 | 347726 | | | | | | | | 760937 |
| 16. ANOHR (BTU/KWH) | 7818 | 0 | 0 | 7577 | 7492 | | | | | | | | 7677 |
| 17. NOF (%) | 31.9 | 0.0 | 0.0 | 49.7 | 52.9 | | | | | | | | 42.1 |
| 18. NPC (MW) | 1047 | 1047 | 1047 | 929 | 929 | | | | | | | | 1000 |
| 19. ANOHR EQUATION | ANOHR = NOF (-11.437) + 8,274 | | | | | | | | | | | | |

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**Tampa Electric Company
Outage Listing
(05/01/2018 - 05/31/2018)**

Unit: BIG BEND 2 MDC: 410 Run Date: 6/8/2018

| 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 |
| 20 | Planned Outage | 04/12/2018 | 07:01:00 | 05/02/2018 | 09:00:00 | 33 | 0 | 1999 | BLR | Boiler safety replacements |
| 21 | Planned Outage Extension | 05/02/2018 | 09:00:00 | 05/31/2018 | 21:40:00 | 708.67 | 0 | 1999 | BLR | Additional boiler safety repairs. |
| 22 | Reserve Shutdown | 05/31/2018 | 21:40:00 | 01/01/2019 | 00:00:00 | 2.33 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |

**Tampa Electric Company
Outage Listing
(05/01/2018 - 05/31/2018)**

Unit: BIG BEND 3 MDC: 420 Run Date: 6/8/2018

| 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 |
| 28 | Full Forced Delayed | 05/14/2018 | 19:17:00 | 05/17/2018 | 10:25:00 | 63.13 | 0 | 1050 | BLR | Tube leak |
| 29 | Full Forced Immed | 05/17/2018 | 10:50:00 | 05/17/2018 | 12:08:00 | 1.3 | 0 | 0359 | BLR | 1S Gas igniter trifecta valve stuck. MFT trip. |
| 30 | Partial Forced Immed | 05/20/2018 | 20:00:00 | 05/20/2018 | 21:40:00 | 1.67 | 380 | 9270 | EXTL | Wet coal. Gas igniters unavailable (DCS issue) |

**Tampa Electric Company
Outage Listing
(05/01/2018 - 05/31/2018)**

Unit: BIG BEND 4 MDC: 470 Run Date: 6/8/2018

| 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 |
| 28 | Partial Forced Immed | 04/15/2018 | 09:25:00 | 01/01/2019 | 00:00:00 | 85.68 | 410 | 8812 | NOx | High differential pressure indication across catalyst |
| 28 | Partial Forced Immed | 04/15/2018 | 09:25:00 | 01/01/2019 | 00:00:00 | 57.32 | 410 | 8812 | NOx | High differential pressure indication across catalyst |
| 28 | Partial Forced Immed | 04/15/2018 | 09:25:00 | 01/01/2019 | 00:00:00 | 108.12 | 410 | 8812 | NOx | High differential pressure indication across catalyst |
| 28 | Partial Forced Immed | 04/15/2018 | 09:25:00 | 01/01/2019 | 00:00:00 | 125.38 | 410 | 8812 | NOx | High differential pressure indication across catalyst |
| 28 | Partial Forced Immed | 04/15/2018 | 09:25:00 | 01/01/2019 | 00:00:00 | 54.72 | 410 | 8812 | NOx | High differential pressure indication across catalyst |
| 28 | Partial Forced Immed | 04/15/2018 | 09:25:00 | 01/01/2019 | 00:00:00 | 4.78 | 410 | 8812 | NOx | High differential pressure indication across catalyst |
| 28 | Partial Forced Immed | 04/15/2018 | 09:25:00 | 01/01/2019 | 00:00:00 | 154 | 410 | 8812 | NOx | High differential pressure indication across catalyst |
| 28 | Partial Forced Immed | 04/15/2018 | 09:25:00 | 01/01/2019 | 00:00:00 | 12.55 | 410 | 8812 | NOx | High differential pressure indication across catalyst |
| 28 | Partial Forced Immed | 04/15/2018 | 09:25:00 | 01/01/2019 | 00:00:00 | 1.95 | 410 | 8812 | NOx | High differential pressure indication across catalyst |
| 28 | Partial Forced Immed | 04/15/2018 | 09:25:00 | 01/01/2019 | 00:00:00 | 20 | 410 | 8812 | NOx | High differential pressure indication across catalyst |
| 28 | Partial Forced Immed | 04/15/2018 | 09:25:00 | 01/01/2019 | 00:00:00 | 1.17 | 410 | 8812 | NOx | High differential pressure indication across catalyst |
| 28 | Partial Forced Immed | 04/15/2018 | 09:25:00 | 01/01/2019 | 00:00:00 | 118.33 | 410 | 8812 | NOx | High differential pressure indication across catalyst |
| 32 | Partial Forced Immed | 04/26/2018 | 15:30:00 | 05/11/2018 | 11:07:00 | 85.68 | 400 | 8299 | POLL | D Booster fan inlet vanes at 100% |
| 32 | Partial Forced Immed | 04/26/2018 | 15:30:00 | 05/11/2018 | 11:07:00 | 57.32 | 400 | 8299 | POLL | D Booster fan inlet vanes at 100% |
| 32 | Partial Forced Immed | 04/26/2018 | 15:30:00 | 05/11/2018 | 11:07:00 | 108.12 | 400 | 8299 | POLL | D Booster fan inlet vanes at 100% |
| 33 | Partial Forced Immed | 05/04/2018 | 13:41:00 | 01/01/2019 | 00:00:00 | 57.32 | 390 | 0870 | BLR | High APH inlet temperature indications due to sootblow |
| 33 | Partial Forced Immed | 05/04/2018 | 13:41:00 | 01/01/2019 | 00:00:00 | 108.12 | 390 | 0870 | BLR | High APH inlet temperature indications due to sootblow |
| 33 | Partial Forced Immed | 05/04/2018 | 13:41:00 | 01/01/2019 | 00:00:00 | 125.38 | 390 | 0870 | BLR | High APH inlet temperature indications due to sootblow |
| 33 | Partial Forced Immed | 05/04/2018 | 13:41:00 | 01/01/2019 | 00:00:00 | 54.72 | 390 | 0870 | BLR | High APH inlet temperature indications due to sootblow |
| 33 | Partial Forced Immed | 05/04/2018 | 13:41:00 | 01/01/2019 | 00:00:00 | 4.78 | 390 | 0870 | BLR | High APH inlet temperature indications due to sootblow |
| 33 | Partial Forced Immed | 05/04/2018 | 13:41:00 | 01/01/2019 | 00:00:00 | 154 | 390 | 0870 | BLR | High APH inlet temperature indications due to sootblow |
| 33 | Partial Forced Immed | 05/04/2018 | 13:41:00 | 01/01/2019 | 00:00:00 | 12.55 | 390 | 0870 | BLR | High APH inlet temperature indications due to sootblow |
| 33 | Partial Forced Immed | 05/04/2018 | 13:41:00 | 01/01/2019 | 00:00:00 | 1.95 | 390 | 0870 | BLR | High APH inlet temperature indications due to sootblow |
| 33 | Partial Forced Immed | 05/04/2018 | 13:41:00 | 01/01/2019 | 00:00:00 | 20 | 390 | 0870 | BLR | High APH inlet temperature indications due to sootblow |
| 33 | Partial Forced Immed | 05/04/2018 | 13:41:00 | 01/01/2019 | 00:00:00 | 1.17 | 390 | 0870 | BLR | High APH inlet temperature indications due to sootblow |
| 33 | Partial Forced Immed | 05/04/2018 | 13:41:00 | 01/01/2019 | 00:00:00 | 118.33 | 390 | 0870 | BLR | High APH inlet temperature indications due to sootblow |
| 34 | Full Forced Delayed | 05/06/2018 | 23:00:00 | 05/11/2018 | 11:07:00 | 108.12 | 0 | 0892 | BLR | B Pantleg clinker grinders failure |
| 35 | Partial Forced Immed | 05/11/2018 | 11:07:00 | 05/25/2018 | 14:00:00 | 125.38 | 385 | 8299 | POLL | C Booster fan IGV actuator failure. |
| 35 | Partial Forced Immed | 05/11/2018 | 11:07:00 | 05/25/2018 | 14:00:00 | 54.72 | 385 | 8299 | POLL | C Booster fan IGV actuator failure. |

**Tampa Electric Company
Outage Listing
(05/01/2018 - 05/31/2018)**

Unit: BIG BEND 4 MDC: 470 Run Date: 6/8/2018

| Event Number | Event Type | Start Date | Start Time | End Date | End Time | Duration (Hours) | Unit Cap | Cause Code | Equipment Group | Event Description |
|--------------|--------------------------|------------|------------|------------|----------|------------------|----------|------------|--|-------------------|
| EVNT_NO | EVNT_TYPE | START_DATE | START_TIME | EV_DATE | EV_TIME | CALCHRS | GAC | CAUSE_CODE | GRPNAME | VERB_DESC |
| 35 | Partial Forced Immed | 05/11/2018 | 11:07:00 | 05/25/2018 | 14:00:00 | 4.78 | 385 | 8299 | POLL C Booster fan IGV actuator failure. | |
| 35 | Partial Forced Immed | 05/11/2018 | 11:07:00 | 05/25/2018 | 14:00:00 | 154 | 385 | 8299 | POLL C Booster fan IGV actuator failure. | |
| 36 | Partial Forced Immed | 05/16/2018 | 16:30:00 | 05/25/2018 | 14:00:00 | 54.72 | 375 | 8299 | POLL FGD Inlet duct pressure limits due to hole in ductwork. | |
| 36 | Partial Forced Immed | 05/16/2018 | 16:30:00 | 05/25/2018 | 14:00:00 | 4.78 | 375 | 8299 | POLL FGD Inlet duct pressure limits due to hole in ductwork. | |
| 36 | Partial Forced Immed | 05/16/2018 | 16:30:00 | 05/25/2018 | 14:00:00 | 154 | 375 | 8299 | POLL FGD Inlet duct pressure limits due to hole in ductwork. | |
| 37 | Partial Maintenance | 05/18/2018 | 23:13:00 | 05/19/2018 | 04:00:00 | 4.78 | 200 | 8100 | POLL D Tower low load cleaning | |
| 38 | Partial Forced Immed | 05/25/2018 | 14:00:00 | 01/01/2019 | 00:00:00 | 12.55 | 385 | 8299 | POLL FGD Inlet duct pressure limits due to hole in ductwork. | |
| 38 | Partial Forced Immed | 05/25/2018 | 14:00:00 | 01/01/2019 | 00:00:00 | 1.95 | 385 | 8299 | POLL FGD Inlet duct pressure limits due to hole in ductwork. | |
| 38 | Partial Forced Immed | 05/25/2018 | 14:00:00 | 01/01/2019 | 00:00:00 | 20 | 385 | 8299 | POLL FGD Inlet duct pressure limits due to hole in ductwork. | |
| 38 | Partial Forced Immed | 05/25/2018 | 14:00:00 | 01/01/2019 | 00:00:00 | 1.17 | 385 | 8299 | POLL FGD Inlet duct pressure limits due to hole in ductwork. | |
| 38 | Partial Forced Immed | 05/25/2018 | 14:00:00 | 01/01/2019 | 00:00:00 | 118.33 | 385 | 8299 | POLL FGD Inlet duct pressure limits due to hole in ductwork. | |
| 39 | Partial Forced Postponed | 05/26/2018 | 02:33:00 | 05/26/2018 | 04:30:00 | 1.95 | 150 | 8299 | POLL D Booster fan oil supply line leak repair | |
| 40 | Partial Maintenance | 05/27/2018 | 00:30:00 | 05/27/2018 | 01:40:00 | 1.17 | 230 | 4268 | TURB Turbine valve testing | |

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**Tampa Electric Company
Outage Listing
(05/01/2018 - 05/31/2018)**

Unit: POLK 1 MDC: 290 Run Date: 6/8/2018

| 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 |
| 20 | Partial Forced Immed | 03/28/2018 | 09:30:00 | 01/01/2019 | 00:00:00 | 560.62 | 200 | 6399 | GASF | Gasifier Emergency Shutdown System hardware fire |
| 20 | Partial Forced Immed | 03/28/2018 | 09:30:00 | 01/01/2019 | 00:00:00 | 3.32 | 200 | 6399 | GASF | Gasifier Emergency Shutdown System hardware fire |
| 20 | Partial Forced Immed | 03/28/2018 | 09:30:00 | 01/01/2019 | 00:00:00 | 88.07 | 200 | 6399 | GASF | Gasifier Emergency Shutdown System hardware fire |
| 20 | Partial Forced Immed | 03/28/2018 | 09:30:00 | 01/01/2019 | 00:00:00 | 44.5 | 200 | 6399 | GASF | Gasifier Emergency Shutdown System hardware fire |
| 20 | Partial Forced Immed | 03/28/2018 | 09:30:00 | 01/01/2019 | 00:00:00 | 47.5 | 200 | 6399 | GASF | Gasifier Emergency Shutdown System hardware fire |
| 31 | Full Forced Immed | 05/24/2018 | 08:37:00 | 05/24/2018 | 11:56:00 | 3.32 | 0 | 5041 | GAST | Syngas Header CPD Purge valve failed shut |
| 32 | Maintenance Outage | 05/28/2018 | 04:00:00 | 05/30/2018 | 00:30:00 | 44.5 | 0 | 5272 | GAST | GE Inspect for cracking on Compressor |
| 33 | Reserve Shutdown | 05/30/2018 | 00:30:00 | 01/01/2019 | 00:00:00 | 47.5 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |

**Tampa Electric Company
Outage Listing
(05/01/2018 - 05/31/2018)**

Unit: POLK 2ST MDC: 479 Run Date: 6/8/2018

| 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 |
| 30 | Maintenance Outage | 05/13/2018 | 14:54:00 | 05/19/2018 | 17:07:00 | 146.22 | 0 | 4499 | TURB | Aux Steam Tie-in to PKCC1, ABB Upgrades |
| 31 | Noncurtailing | 05/14/2018 | 02:18:00 | 05/14/2018 | 04:20:00 | 2.03 | 0 | 4410 | TURB | Turning Gear motor drawing high amps |
| 32 | Partial Forced Immed | 05/02/2018 | 11:00:00 | 05/02/2018 | 12:02:00 | 1.03 | 359 | 5041 | GAST | GTG2 Reserve Shutdown, Restart required attempted |
| 33 | Partial Maintenance | 05/10/2018 | 00:58:00 | 05/10/2018 | 13:21:00 | 12.38 | 359 | 3975 | BLPT | GTG2 ABB upgrade of Firmware and Boot Code |
| 34 | Partial Forced Immed | 05/03/2018 | 11:48:00 | 05/03/2018 | 12:47:00 | 0.98 | 359 | 5041 | GAST | GTG3 Reserve Shutdown, Restart required attempted |
| 35 | Partial Maintenance | 05/07/2018 | 22:23:00 | 05/08/2018 | 20:12:00 | 21.82 | 359 | 3975 | BLPT | GTG3 ABB upgrade of Firmware and Boot Code, Liqui |
| 36 | Partial Forced Immed | 05/04/2018 | 09:30:00 | 05/04/2018 | 11:30:00 | 2 | 374 | 4810 | GEN | GTG4 Cut wire prevented breaker from shutting |
| 37 | Partial Forced Immed | 05/11/2018 | 11:30:00 | 05/11/2018 | 12:30:00 | 1 | 374 | 3974 | BLPT | GTG4 started in SC, had to shutdown to restart in CC |
| 38 | Partial Maintenance | 05/11/2018 | 04:00:00 | 05/11/2018 | 11:30:00 | 7.5 | 374 | 3975 | BLPT | GTG4 ABB upgrade of Firmware and Boot Code |
| 39 | Partial Forced Immed | 05/21/2018 | 08:05:00 | 05/21/2018 | 08:54:00 | 0.82 | 374 | 6000 | COMB | HRH Bypass Pressure Control Vv stuck, rolled damper |
| 40 | Partial Maintenance | 05/14/2018 | 04:00:00 | 05/14/2018 | 11:49:00 | 7.82 | 374 | 3975 | BLPT | ABB upgrade of Firmware and Boot Code |
| 41 | Partial Forced Immed | 05/13/2018 | 10:12:00 | 05/13/2018 | 10:32:00 | 0.33 | 374 | 6299 | COMB | ESO requested ComCyc, then wanted SimCyc, Opera |

**Tampa Electric Company
Outage Listing
(05/01/2018 - 05/31/2018)**

Unit: POLK 2 MDC: 151 Run Date: 6/8/2018

| 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 |
| 25 | Reserve Shutdown | 05/01/2018 | 23:30:00 | 05/02/2018 | 10:35:00 | 11.08 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 26 | Reserve Shutdown | 05/02/2018 | 11:00:00 | 05/02/2018 | 12:12:00 | 1.2 | 0 | 0000 | UNKN | Reserve Shutdown, Restart required attempted on Liq |
| 27 | Reserve Shutdown | 05/04/2018 | 01:00:00 | 05/04/2018 | 10:14:00 | 9.23 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 28 | Reserve Shutdown | 05/05/2018 | 01:36:00 | 05/05/2018 | 08:43:00 | 7.12 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 29 | Reserve Shutdown | 05/05/2018 | 18:20:00 | 05/06/2018 | 08:20:00 | 14 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 30 | Maintenance Outage | 05/10/2018 | 00:58:00 | 05/10/2018 | 13:21:00 | 12.38 | 0 | 3975 | BLPT | ABB upgrade of Firmware and Boot Code |
| 31 | Full Forced Immed | 05/13/2018 | 17:44:00 | 05/15/2018 | 08:45:00 | 39.02 | 0 | 8656 | POLL | GTG2 required DLN Tuning |
| 32 | Reserve Shutdown | 05/15/2018 | 22:13:00 | 05/16/2018 | 14:35:00 | 16.37 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 33 | Reserve Shutdown | 05/16/2018 | 23:46:00 | 05/17/2018 | 11:14:00 | 11.47 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 34 | Reserve Shutdown | 05/17/2018 | 17:15:00 | 05/20/2018 | 09:07:00 | 63.87 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 35 | Reserve Shutdown | 05/20/2018 | 23:52:00 | 05/21/2018 | 06:39:00 | 6.78 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 36 | Reserve Shutdown | 05/23/2018 | 00:03:00 | 05/23/2018 | 06:37:00 | 6.57 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 37 | Reserve Shutdown | 05/24/2018 | 00:40:00 | 05/24/2018 | 09:50:00 | 9.17 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 38 | Reserve Shutdown | 05/24/2018 | 23:41:00 | 05/25/2018 | 06:39:00 | 6.97 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 39 | Reserve Shutdown | 05/27/2018 | 01:01:00 | 05/27/2018 | 08:41:00 | 7.67 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 40 | Reserve Shutdown | 05/28/2018 | 01:54:00 | 05/28/2018 | 10:02:00 | 8.13 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 41 | Reserve Shutdown | 05/30/2018 | 00:46:00 | 05/30/2018 | 08:43:00 | 7.95 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 42 | Reserve Shutdown | 05/31/2018 | 23:05:00 | 06/01/2018 | 06:11:00 | 0.92 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |

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**Tampa Electric Company
Outage Listing
(05/01/2018 - 05/31/2018)**

Unit: POLK 3 MDC: 151 Run Date: 6/8/2018

| 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 |
| 23 | Reserve Shutdown | 05/02/2018 | 18:55:00 | 05/03/2018 | 11:39:00 | 16.73 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 24 | Reserve Shutdown | 05/03/2018 | 11:48:00 | 05/03/2018 | 12:47:00 | 0.98 | 0 | 0000 | UNKN | Reserve Shutdown, Restart required attempted on Liq |
| 25 | Reserve Shutdown | 05/07/2018 | 18:55:00 | 05/07/2018 | 22:23:00 | 3.47 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 26 | Reserve Shutdown | 05/13/2018 | 00:56:00 | 05/13/2018 | 10:12:00 | 9.27 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 27 | Startup Failure | 05/13/2018 | 10:12:00 | 05/13/2018 | 10:32:00 | 0.33 | 0 | 6299 | COMB | ESO requested ComCyc, then wanted SimCyc, Opera |
| 28 | Reserve Shutdown | 05/13/2018 | 17:20:00 | 05/15/2018 | 14:04:00 | 44.73 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 29 | Reserve Shutdown | 05/15/2018 | 20:05:00 | 05/16/2018 | 15:52:00 | 19.78 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 30 | Reserve Shutdown | 05/16/2018 | 23:26:00 | 05/18/2018 | 13:38:00 | 38.2 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 31 | Reserve Shutdown | 05/18/2018 | 20:26:00 | 05/19/2018 | 21:35:00 | 25.15 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 32 | Maintenance Outage | 05/07/2018 | 22:23:00 | 05/09/2018 | 20:12:00 | 45.82 | 0 | 3975 | BLPT | ABB upgrade of Firmware and Boot Code, Liquid Fuel |
| 33 | Reserve Shutdown | 05/09/2018 | 20:12:00 | 05/10/2018 | 05:38:00 | 9.43 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |

**Tampa Electric Company
Outage Listing
(05/01/2018 - 05/31/2018)**

Unit: POLK 4 MDC: 151 Run Date: 6/8/2018

| 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 |
| 21 | Reserve Shutdown | 05/02/2018 | 23:55:00 | 05/03/2018 | 10:31:00 | 10.6 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 22 | Reserve Shutdown | 05/03/2018 | 23:51:00 | 05/04/2018 | 09:30:00 | 9.65 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 23 | Startup Failure | 05/04/2018 | 09:30:00 | 05/04/2018 | 11:30:00 | 2 | 0 | 4810 | GEN | Cut wire prevented breaker from shutting |
| 24 | Reserve Shutdown | 05/04/2018 | 11:30:00 | 05/04/2018 | 18:42:00 | 7.2 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 25 | Reserve Shutdown | 05/05/2018 | 00:49:00 | 05/05/2018 | 09:55:00 | 9.1 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 26 | Reserve Shutdown | 05/06/2018 | 18:47:00 | 05/07/2018 | 04:49:00 | 10.03 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 27 | Reserve Shutdown | 05/07/2018 | 21:45:00 | 05/08/2018 | 09:10:00 | 11.42 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 28 | Reserve Shutdown | 05/10/2018 | 22:12:00 | 05/11/2018 | 04:00:00 | 5.8 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 29 | Startup Failure | 05/11/2018 | 11:30:00 | 05/11/2018 | 12:30:00 | 1 | 0 | 3974 | BLPT | GTG started in SC, had to shutdown to restart in CC fc |
| 30 | Maintenance Outage | 05/11/2018 | 04:00:00 | 05/11/2018 | 11:30:00 | 7.5 | 0 | 3975 | BLPT | ABB upgrade of Firmware and Boot Code |
| 31 | Reserve Shutdown | 05/11/2018 | 23:17:00 | 05/12/2018 | 08:49:00 | 9.53 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 32 | Reserve Shutdown | 05/12/2018 | 23:47:00 | 05/13/2018 | 09:04:00 | 9.28 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 33 | Reserve Shutdown | 05/13/2018 | 18:06:00 | 05/14/2018 | 13:40:00 | 19.57 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 34 | Reserve Shutdown | 05/14/2018 | 22:13:00 | 05/15/2018 | 11:00:00 | 12.78 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 35 | Reserve Shutdown | 05/15/2018 | 19:29:00 | 05/16/2018 | 13:00:00 | 17.52 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 36 | Reserve Shutdown | 05/16/2018 | 21:26:00 | 05/17/2018 | 09:27:00 | 12.02 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 37 | Reserve Shutdown | 05/17/2018 | 16:24:00 | 05/18/2018 | 12:15:00 | 19.85 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 38 | Reserve Shutdown | 05/18/2018 | 21:33:00 | 05/20/2018 | 10:14:00 | 36.68 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 39 | Reserve Shutdown | 05/20/2018 | 19:19:00 | 05/21/2018 | 05:43:00 | 10.4 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 40 | Reserve Shutdown | 05/21/2018 | 08:05:00 | 05/21/2018 | 08:54:00 | 0.82 | 0 | 0000 | UNKN | Reserve Shutdown, restart of GTG following HRH Byp: |

**Tampa Electric Company
Outage Listing
(05/01/2018 - 05/31/2018)**

Unit: POLK 5 MDC: 151 Run Date: 6/8/2018

| 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 |
| 38 | Reserve Shutdown | 04/30/2018 | 23:54:00 | 05/01/2018 | 08:48:00 | 8.8 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 39 | Reserve Shutdown | 05/02/2018 | 00:09:00 | 05/02/2018 | 08:17:00 | 8.13 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 40 | Reserve Shutdown | 05/03/2018 | 01:04:00 | 05/03/2018 | 09:00:00 | 7.93 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 41 | Reserve Shutdown | 05/06/2018 | 01:30:00 | 05/06/2018 | 09:18:00 | 7.8 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 42 | Reserve Shutdown | 05/13/2018 | 16:11:00 | 05/14/2018 | 04:00:00 | 11.82 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 43 | Maintenance Outage | 05/14/2018 | 04:00:00 | 05/14/2018 | 11:49:00 | 7.82 | 0 | 3975 | BLPT | ABB upgrade of Firmware and Boot Code |
| 44 | Reserve Shutdown | 05/14/2018 | 11:49:00 | 05/19/2018 | 11:33:00 | 119.73 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 45 | Reserve Shutdown | 05/21/2018 | 19:04:00 | 05/22/2018 | 05:48:00 | 10.73 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |

**Tampa Electric Company
Outage Listing
(05/01/2018 - 05/31/2018)**

Unit: BAYSIDE ST1 MDC: 236 Run Date: 6/8/2018

| 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 |
| 20 | Partial Forced Immed | 05/01/2018 | 17:20:00 | 05/01/2018 | 18:06:00 | 0.77 | 222 | 5299 | GAST | ST1 Derate - 1B CT high turbine compartment temps - |
| 21 | Partial Forced Immed | 05/05/2018 | 06:19:00 | 05/05/2018 | 12:12:00 | 5.88 | 157 | 4609 | GEN | ST1 Derate - 1B CT exciter trouble - bad cables |
| 22 | Partial Forced Immed | 05/14/2018 | 13:13:00 | 05/14/2018 | 15:01:00 | 1.8 | 157 | 5120 | GAST | ST1 Derate - 1B Hydraulic Oil Pump Trip |
| 23 | Partial Maintenance | 05/23/2018 | 09:30:00 | 05/25/2018 | 06:30:00 | 45 | 157 | 3834 | BLPT | ST1 Derate - 1C LP section HRSG tube leak |

**Tampa Electric Company
Outage Listing
(05/01/2018 - 05/31/2018)**

Unit: BAYSIDE CT1A MDC: 158 Run Date: 6/8/2018

| 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 | 04/30/2018 | 23:25:00 | 05/01/2018 | 13:56:00 | 13.93 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 53 | Reserve Shutdown | 05/03/2018 | 21:47:00 | 05/04/2018 | 13:46:00 | 15.98 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 54 | Reserve Shutdown | 05/04/2018 | 19:31:00 | 05/05/2018 | 11:33:00 | 16.03 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 55 | Reserve Shutdown | 05/05/2018 | 22:10:00 | 05/07/2018 | 13:53:00 | 39.72 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 56 | Reserve Shutdown | 05/08/2018 | 23:53:00 | 05/09/2018 | 12:59:00 | 13.1 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 57 | Reserve Shutdown | 05/09/2018 | 23:49:00 | 05/10/2018 | 11:25:00 | 11.6 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 58 | Reserve Shutdown | 05/10/2018 | 23:14:00 | 05/11/2018 | 06:30:00 | 7.27 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 59 | Reserve Shutdown | 05/11/2018 | 19:04:00 | 05/12/2018 | 14:13:00 | 19.15 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 60 | Reserve Shutdown | 05/12/2018 | 21:54:00 | 05/13/2018 | 16:23:00 | 18.48 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 61 | Reserve Shutdown | 05/14/2018 | 01:41:00 | 05/14/2018 | 09:16:00 | 7.58 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 62 | Reserve Shutdown | 05/17/2018 | 23:40:00 | 05/18/2018 | 08:26:00 | 8.77 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 63 | Reserve Shutdown | 05/21/2018 | 23:36:00 | 05/22/2018 | 13:54:00 | 14.3 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 64 | Reserve Shutdown | 05/22/2018 | 21:39:00 | 05/23/2018 | 09:00:00 | 11.35 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 65 | Reserve Shutdown | 05/23/2018 | 23:24:00 | 05/24/2018 | 09:36:00 | 10.2 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 66 | Reserve Shutdown | 05/25/2018 | 19:55:00 | 05/26/2018 | 09:27:00 | 13.53 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 67 | Reserve Shutdown | 05/26/2018 | 18:51:00 | 05/27/2018 | 15:32:00 | 20.68 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 68 | Reserve Shutdown | 05/29/2018 | 23:14:00 | 05/30/2018 | 10:06:00 | 10.87 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 69 | Reserve Shutdown | 05/31/2018 | 19:36:00 | 05/31/2018 | 23:59:00 | 4.38 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |

**Tampa Electric Company
Outage Listing
(05/01/2018 - 05/31/2018)**

Unit: BAYSIDE CT1B MDC: 158 Run Date: 6/8/2018

| 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 |
| 57 | Partial Forced Immed | 05/01/2018 | 17:20:00 | 05/01/2018 | 18:06:00 | 0.77 | 130 | 5299 | GAST | 1B CT high turbine compartment temps - missing three |
| 58 | Reserve Shutdown | 05/01/2018 | 20:09:00 | 05/02/2018 | 13:15:00 | 17.1 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 59 | Reserve Shutdown | 05/02/2018 | 21:07:00 | 05/03/2018 | 13:34:00 | 16.45 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 60 | Reserve Shutdown | 05/04/2018 | 21:02:00 | 05/05/2018 | 06:19:00 | 9.28 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 61 | Full Forced Immed | 05/05/2018 | 06:19:00 | 05/05/2018 | 12:12:00 | 5.88 | 0 | 4609 | GEN | 1B CT exciter trouble - bad cables. |
| 62 | Reserve Shutdown | 05/05/2018 | 12:12:00 | 05/05/2018 | 15:08:00 | 2.93 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 63 | Full Forced Immed | 05/14/2018 | 13:13:00 | 05/14/2018 | 15:01:00 | 1.8 | 0 | 5120 | GAST | Hydraulic Oil Pump Trip |
| 64 | Reserve Shutdown | 05/19/2018 | 00:12:00 | 05/19/2018 | 09:52:00 | 9.67 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 65 | Reserve Shutdown | 05/19/2018 | 18:10:00 | 05/21/2018 | 07:07:00 | 36.95 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 66 | Reserve Shutdown | 05/25/2018 | 20:22:00 | 05/27/2018 | 09:52:00 | 37.5 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 67 | Reserve Shutdown | 05/27/2018 | 19:38:00 | 05/28/2018 | 10:31:00 | 14.88 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 68 | Reserve Shutdown | 05/28/2018 | 21:09:00 | 05/29/2018 | 09:40:00 | 12.52 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 69 | Reserve Shutdown | 05/30/2018 | 23:19:00 | 05/31/2018 | 12:00:00 | 12.68 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 70 | Reserve Shutdown | 05/31/2018 | 23:55:00 | 05/31/2018 | 23:59:00 | 0.07 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |

**Tampa Electric Company
Outage Listing
(05/01/2018 - 05/31/2018)**

Unit: BAYSIDE CT1C MDC: 158 Run Date: 6/8/2018

| 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 |
| 61 | Reserve Shutdown | 04/30/2018 | 22:15:00 | 05/01/2018 | 13:29:00 | 13.48 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 62 | Reserve Shutdown | 05/01/2018 | 22:20:00 | 05/02/2018 | 11:28:00 | 13.13 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 63 | Reserve Shutdown | 05/02/2018 | 19:43:00 | 05/03/2018 | 10:55:00 | 15.2 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 64 | Reserve Shutdown | 05/05/2018 | 21:01:00 | 05/06/2018 | 11:47:00 | 14.77 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 65 | Reserve Shutdown | 05/06/2018 | 23:56:00 | 05/07/2018 | 09:05:00 | 9.15 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 66 | Reserve Shutdown | 05/07/2018 | 20:56:00 | 05/08/2018 | 10:16:00 | 13.33 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 67 | Reserve Shutdown | 05/11/2018 | 00:05:00 | 05/11/2018 | 11:00:00 | 10.92 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 68 | Reserve Shutdown | 05/11/2018 | 22:36:00 | 05/13/2018 | 10:36:00 | 36 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 69 | Reserve Shutdown | 05/13/2018 | 21:51:00 | 05/14/2018 | 04:46:00 | 6.92 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 70 | Reserve Shutdown | 05/19/2018 | 20:20:00 | 05/22/2018 | 11:26:00 | 63.1 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 71 | Reserve Shutdown | 05/22/2018 | 19:46:00 | 05/23/2018 | 09:29:00 | 13.72 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 72 | Maintenance Outage | 05/23/2018 | 09:30:00 | 05/25/2018 | 06:30:00 | 45 | 0 | 3834 | BLPT | LP SECTION HRSG TUBE LEAK |
| 73 | Reserve Shutdown | 05/25/2018 | 06:31:00 | 05/25/2018 | 10:24:00 | 3.88 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 74 | Reserve Shutdown | 05/27/2018 | 22:40:00 | 05/28/2018 | 14:37:00 | 15.95 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 75 | Reserve Shutdown | 05/28/2018 | 23:55:00 | 05/29/2018 | 12:04:00 | 12.15 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 76 | Reserve Shutdown | 05/29/2018 | 19:38:00 | 05/30/2018 | 05:57:00 | 10.32 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |

**Tampa Electric Company
Outage Listing
(05/01/2018 - 05/31/2018)**

Unit: BAYSIDE ST2 MDC: 308 Run Date: 6/8/2018

| 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 |
| 19 | Maintenance Outage | 05/21/2018 | 21:05:00 | 05/23/2018 | 13:51:00 | 40.77 | 0 | 4302 | TURB | Maintenance of EHC, OSP and LPT trip manifolds. |
| 21 | Partial Maintenance | 05/08/2018 | 02:30:00 | 05/08/2018 | 10:45:00 | 8.25 | 231 | 3831 | BLPT | ST2 Derate - 2A CT HRSG HP vent weld repair. |
| 23 | Partial Forced Postponed | 05/02/2018 | 11:48:00 | 05/04/2018 | 09:45:00 | 45.95 | 231 | 3899 | BLPT | ST2 Derate - 2B CT feedwater pump motor high vibrat |
| 25 | Partial Forced Immed | 05/21/2018 | 06:43:00 | 05/21/2018 | 08:43:00 | 2 | 231 | 5016 | GAST | ST2 Derate - 2C CT Failure of #3 Compressor Bleed V |
| 26 | Partial Forced Immed | 05/31/2018 | 13:42:00 | 05/31/2018 | 14:24:00 | 0.7 | 231 | 5016 | GAST | ST2 Derate - 2C CT Compressor Bleed Valve #3 Failu |
| 28 | Partial Forced Immed | 05/25/2018 | 05:46:00 | 05/25/2018 | 08:04:00 | 2.3 | 231 | 4720 | GEN | ST2 Derate - 2D CT Failure to sync due to negative sic |

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**Tampa Electric Company
Outage Listing
(05/01/2018 - 05/31/2018)**

Unit: BAYSIDE CT2A MDC: 158 Run Date: 6/8/2018

| 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 |
| 25 | Reserve Shutdown | 04/30/2018 | 19:52:00 | 05/01/2018 | 09:35:00 | 9.58 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 26 | Reserve Shutdown | 05/01/2018 | 21:15:00 | 05/02/2018 | 13:25:00 | 16.17 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 27 | Reserve Shutdown | 05/02/2018 | 22:58:00 | 05/03/2018 | 11:27:00 | 12.48 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 28 | Reserve Shutdown | 05/03/2018 | 21:06:00 | 05/04/2018 | 12:47:00 | 15.68 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 29 | Reserve Shutdown | 05/04/2018 | 23:29:00 | 05/05/2018 | 11:59:00 | 12.5 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 30 | Reserve Shutdown | 05/05/2018 | 21:48:00 | 05/06/2018 | 12:59:00 | 15.18 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 31 | Reserve Shutdown | 05/07/2018 | 22:57:00 | 05/08/2018 | 02:30:00 | 3.55 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 32 | Maintenance Outage | 05/08/2018 | 02:30:00 | 05/08/2018 | 10:45:00 | 8.25 | 0 | 3831 | BLPT | 2A CT HRSG HP vent weld repair. |
| 33 | Reserve Shutdown | 05/08/2018 | 10:45:00 | 05/08/2018 | 11:36:00 | 0.85 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 34 | Reserve Shutdown | 05/10/2018 | 20:24:00 | 05/11/2018 | 09:46:00 | 13.37 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 35 | Reserve Shutdown | 05/12/2018 | 01:43:00 | 05/13/2018 | 12:31:00 | 34.8 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 36 | Reserve Shutdown | 05/18/2018 | 00:51:00 | 05/18/2018 | 10:02:00 | 9.18 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 37 | Maintenance Outage | 05/21/2018 | 21:06:00 | 05/23/2018 | 07:07:00 | 34.02 | 0 | 3832 | BLPT | Maintenance of Fdwtr Valve FWS-V202 and V203. Va |
| 38 | Reserve Shutdown | 05/23/2018 | 07:08:00 | 05/24/2018 | 05:27:00 | 22.32 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 39 | Reserve Shutdown | 05/24/2018 | 22:48:00 | 05/25/2018 | 10:01:00 | 11.22 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 40 | Reserve Shutdown | 05/26/2018 | 00:22:00 | 05/27/2018 | 11:15:00 | 34.88 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 41 | Reserve Shutdown | 05/30/2018 | 00:06:00 | 05/30/2018 | 11:28:00 | 11.37 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 42 | Reserve Shutdown | 05/31/2018 | 00:24:00 | 05/31/2018 | 11:08:00 | 10.73 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |

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**Tampa Electric Company
Outage Listing
(05/01/2018 - 05/31/2018)**

Unit: BAYSIDE CT2B MDC: 158 Run Date: 6/8/2018

| Event Number | Event Type | Start Date | Start Time | End Date | End Time | Duration (Hours) | Unit Cap | Cause Code | Equipment Group | Event Description |
|--------------|-----------------------|------------|------------|------------|----------|------------------|----------|------------|-----------------|---|
| EVNT_NO | EVNT_TYPE | START_DATE | START_TIME | EV_DATE | EV_TIME | CALCHRS | GAC | CAUSE_CODE | GRPNAME | VERB_DESC |
| 35 | Reserve Shutdown | 04/30/2018 | 21:29:00 | 05/01/2018 | 12:23:00 | 12.38 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 36 | Full Forced Postponed | 05/02/2018 | 11:48:00 | 05/04/2018 | 09:45:00 | 45.95 | 0 | 3899 | BLPT | 2B CT feedwater pump motor high vibration. |
| 37 | Reserve Shutdown | 05/04/2018 | 09:45:00 | 05/04/2018 | 10:26:00 | 0.68 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 38 | Reserve Shutdown | 05/04/2018 | 21:57:00 | 05/05/2018 | 12:35:00 | 14.63 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 39 | Reserve Shutdown | 05/05/2018 | 23:56:00 | 05/07/2018 | 08:40:00 | 32.73 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 40 | Reserve Shutdown | 05/20/2018 | 01:18:00 | 05/21/2018 | 21:04:00 | 43.77 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 41 | Maintenance Outage | 05/21/2018 | 21:05:00 | 05/23/2018 | 07:07:00 | 34.03 | 0 | 3832 | BLPT | 2B Tagged during ST-2 Valve work being performed. |
| 42 | Reserve Shutdown | 05/23/2018 | 07:08:00 | 05/23/2018 | 15:05:00 | 7.95 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 43 | Reserve Shutdown | 05/23/2018 | 21:42:00 | 05/24/2018 | 10:47:00 | 13.08 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 44 | Reserve Shutdown | 05/26/2018 | 14:46:00 | 05/28/2018 | 06:46:00 | 40 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 45 | Reserve Shutdown | 05/28/2018 | 18:31:00 | 05/29/2018 | 13:36:00 | 19.08 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 46 | Reserve Shutdown | 05/29/2018 | 22:02:00 | 05/31/2018 | 08:51:00 | 34.82 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |

**Tampa Electric Company
Outage Listing
(05/01/2018 - 05/31/2018)**

Unit: BAYSIDE CT2C MDC: 158 Run Date: 6/8/2018

| 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 |
| 28 | Reserve Shutdown | 04/30/2018 | 22:58:00 | 05/02/2018 | 10:44:00 | 34.73 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 29 | Reserve Shutdown | 05/04/2018 | 21:51:00 | 05/05/2018 | 09:57:00 | 12.1 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 30 | Reserve Shutdown | 05/07/2018 | 01:23:00 | 05/07/2018 | 12:53:00 | 11.5 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 31 | Reserve Shutdown | 05/08/2018 | 00:04:00 | 05/08/2018 | 13:13:00 | 13.15 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 32 | Reserve Shutdown | 05/08/2018 | 23:13:00 | 05/09/2018 | 11:18:00 | 12.08 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 33 | Reserve Shutdown | 05/11/2018 | 18:04:00 | 05/12/2018 | 09:45:00 | 15.68 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 34 | Reserve Shutdown | 05/12/2018 | 19:45:00 | 05/14/2018 | 06:03:00 | 34.3 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 35 | Reserve Shutdown | 05/19/2018 | 22:55:00 | 05/21/2018 | 06:37:00 | 31.7 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 36 | Full Forced Immed | 05/21/2018 | 06:43:00 | 05/21/2018 | 08:43:00 | 2 | 0 | 5016 | GAST | Failure of #3 Compressor Bleed Valve |
| 37 | Reserve Shutdown | 05/21/2018 | 08:44:00 | 05/21/2018 | 21:04:00 | 12.33 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 38 | Maintenance Outage | 05/21/2018 | 21:05:00 | 05/23/2018 | 07:07:00 | 34.03 | 0 | 3832 | BLPT | 2C Tagged during ST-2 Valve Repairs |
| 39 | Reserve Shutdown | 05/23/2018 | 07:08:00 | 05/23/2018 | 08:37:00 | 1.48 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 40 | Reserve Shutdown | 05/25/2018 | 00:46:00 | 05/25/2018 | 11:04:00 | 10.3 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 41 | Reserve Shutdown | 05/25/2018 | 18:06:00 | 05/26/2018 | 11:27:00 | 17.35 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 42 | Reserve Shutdown | 05/26/2018 | 21:37:00 | 05/28/2018 | 11:46:00 | 38.15 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 43 | Reserve Shutdown | 05/28/2018 | 22:18:00 | 05/29/2018 | 11:06:00 | 12.8 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 44 | Reserve Shutdown | 05/30/2018 | 21:41:00 | 05/31/2018 | 13:41:00 | 16 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 45 | Full Forced Immed | 05/31/2018 | 13:42:00 | 05/31/2018 | 14:24:00 | 0.7 | 0 | 5016 | GAST | Compressor Bleed Valve #3 Failure caused CT Trip |
| 46 | Reserve Shutdown | 05/31/2018 | 20:35:00 | 05/31/2018 | 23:59:00 | 3.4 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |

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**Tampa Electric Company
Outage Listing
(05/01/2018 - 05/31/2018)**

Unit: BAYSIDE CT2D MDC: 158 Run Date: 6/8/2018

| 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 |
| 31 | Reserve Shutdown | 05/01/2018 | 19:10:00 | 05/02/2018 | 12:58:00 | 17.8 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 32 | Reserve Shutdown | 05/02/2018 | 21:46:00 | 05/03/2018 | 05:23:00 | 7.62 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 33 | Reserve Shutdown | 05/03/2018 | 19:00:00 | 05/04/2018 | 06:07:00 | 11.12 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 34 | Reserve Shutdown | 05/05/2018 | 18:59:00 | 05/06/2018 | 10:13:00 | 15.23 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 35 | Reserve Shutdown | 05/06/2018 | 23:31:00 | 05/07/2018 | 11:01:00 | 11.5 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 36 | Reserve Shutdown | 05/08/2018 | 21:40:00 | 05/09/2018 | 09:38:00 | 11.97 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 37 | Reserve Shutdown | 05/09/2018 | 21:51:00 | 05/10/2018 | 10:32:00 | 12.68 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 38 | Reserve Shutdown | 05/10/2018 | 23:52:00 | 05/11/2018 | 12:56:00 | 13.07 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 39 | Reserve Shutdown | 05/12/2018 | 00:32:00 | 05/13/2018 | 14:06:00 | 37.57 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 40 | Reserve Shutdown | 05/13/2018 | 23:45:00 | 05/14/2018 | 11:14:00 | 11.48 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 41 | Reserve Shutdown | 05/17/2018 | 19:18:00 | 05/18/2018 | 05:37:00 | 10.32 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 42 | Reserve Shutdown | 05/19/2018 | 23:33:00 | 05/21/2018 | 21:04:00 | 45.52 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 43 | Maintenance Outage | 05/21/2018 | 21:05:00 | 05/23/2018 | 08:07:00 | 35.03 | 0 | 3832 | BLPT | 2D Tagged Out for ST-2 Turbine Valve repairs. |
| 44 | Full Forced Immed | 05/23/2018 | 08:08:00 | 05/23/2018 | 10:30:00 | 2.37 | 0 | 4720 | GEN | Failure to sync due to failed syncrelay fuses |
| 45 | Reserve Shutdown | 05/23/2018 | 10:31:00 | 05/23/2018 | 14:34:00 | 4.05 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 46 | Reserve Shutdown | 05/24/2018 | 21:30:00 | 05/25/2018 | 05:45:00 | 8.25 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 47 | Full Forced Immed | 05/25/2018 | 05:46:00 | 05/25/2018 | 08:04:00 | 2.3 | 0 | 4720 | GEN | Failure to sync due to the negative side of the syncrela |
| 48 | Reserve Shutdown | 05/25/2018 | 08:05:00 | 05/25/2018 | 09:09:00 | 1.07 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 49 | Reserve Shutdown | 05/27/2018 | 21:13:00 | 05/29/2018 | 08:27:00 | 35.23 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 50 | Reserve Shutdown | 05/29/2018 | 18:17:00 | 05/30/2018 | 04:40:00 | 10.38 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |
| 51 | Reserve Shutdown | 05/31/2018 | 18:02:00 | 05/31/2018 | 23:59:00 | 5.95 | 0 | 0000 | UNKN | RESERVE SHUTDOWN |

Tampa Electric Company
Actual Unit Performance
Outage Listing Abbreviations and Descriptions

| | | | |
|-----------------|-------------------------------|----------------|--|
| AGA | Acid Gas Absorber | IP | Intermediate Pressure |
| APH | Air Preheater | KO | Knock Out |
| ASU | Air Separation Unit | LCI | Load Commutated Inverter |
| BFP | Boiler Feed Pump | LOTO | Lock Out Tag Out |
| BFPT | Boiler Feed Pump Turbine | LOX | Low Oxygen |
| CO | Carbon Monoxide | LP | Low Pressure |
| CO ₂ | Carbon Dioxide | LVDT | Linear Variable Differential Transducer |
| COS | Carbonyl Sulfide | MAC | Main Air Compressor |
| CRH | Cold Reheat | MkVIe | Mark 6e GE Logic Controller |
| CSC | Convective Syngas Coolers | MOC | Motor Operated Control |
| CT | Combustion Turbine | MOV | Motor Operated Valve |
| DA | Deaerator | N ₂ | Nitrogen |
| DCS | Digital Control System | PLC | Programmable Logic Controller |
| EGT | Exit Gas Temperature | Pp | Pump |
| EH | Electro Hydraulic | R/R | Remove and replace |
| FAT | Final Absorber Tower | RATA | Relative Accuracy Test Audit |
| FD | Forced Draft | RSV | Reheat Stop Valve |
| Fdwtr | Feed water | RTD | Resistance Temperature Device |
| FGD | Flue Gas Desulfurization | SAP | Sulfuric Acid Plant |
| GEHO | Manufacturer of Slurry Pump | ST | Steam Turbine |
| GTG | Gas Turbine Generator | STARSS | Strategic Anti-Rotating Stall Schedule |
| HP | High Pressure | T/R | Transformer Rectifier |
| HRSO | 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 | | |