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January 15, 2019

VIA: ELECTRONIC FILING

Mr. Adam J. Teitzman
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

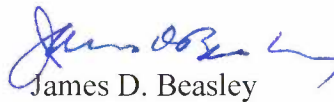
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor; FPSC Docket No. 20190001-EI

Dear Mr. Teitzman:

Attached for filing in the above docket is Tampa Electric Company's Petition for a Mid-Course Correction of its Fuel Cost Recovery Factors and Capacity Cost Recovery Factors.

Thank you for your assistance in connection with this matter.

Sincerely,


James D. Beasley

JDB/pp
Attachment

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and Purchased Power Cost Recovery) DOCKET NO. 20190001-EI
Clause with Generating Performance Incentive)
Factor.) FILED: January 15, 2019
_____)

**PETITION OF TAMPA ELECTRIC COMPANY FOR A MID-COURSE
CORRECTION OF ITS FUEL COST RECOVERY FACTORS AND
CAPACITY COST RECOVERY FACTORS**

Tampa Electric Company (“Tampa Electric” or “company”), pursuant to Rule 25-6.0424, Florida Administrative Code, hereby petitions the Commission for approval of the company’s proposed mid-course correction of its fuel cost recovery factors and capacity cost recovery factors, and in support thereof says:

1. Tampa Electric is an investor-owned electric utility subject to the Commission’s jurisdiction pursuant to Chapter 366, Florida Statutes. Tampa Electric serves retail customers in Hillsborough and portions of Polk, Pinellas and Pasco Counties in Florida. The company’s principal offices are located at 702 North Franklin Street, Tampa, Florida 33602.

2. The persons to whom all notices and other documents should be sent in connection with this docket are:

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3. The Commission has jurisdiction pursuant to Sections 366.04, 366.05 and 366.06, Florida Statutes.

4. Tampa Electric is a corporation organized and existing under the laws of the State of Florida and is an electric public utility as defined in Section 366.02(2), Florida Statutes.

5. This Petition is being filed consistent with Rule 28-106.201, Florida Administrative Code. The agency affected is the Florida Public Service Commission, located at 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399. This case does not involve reversal or modification of an agency decision or an agency's proposed action. Therefore, subparagraph (c) and portions of subparagraphs (b), (e), (f) and (g) of subsection (2) of that rule are not applicable to this Petition. In compliance with subparagraph (d), Tampa Electric states that it is not known which, if any, of the issues of material fact set forth in the body of this Petition may be disputed by any others who may plan to participate in this proceeding. The discussion below demonstrates how the petitioner's substantial interests will be affected by the agency determination.

6. Tampa Electric's current fuel and purchased power cost recovery factors ("fuel adjustment factors" or "factors") were approved in Order No. PSC-2018-0610-FOF-EI issued December 26, 2018, for application during the period January 2019 through December 2019. The new factors became effective with the first billing cycle for January 2019.

7. In Order No. 13694 issued in Docket No. 840001-EI on September 20, 1984, the Commission authorized each utility to seek modifications to its fuel adjustment factors when it appears that its projected fuel revenues will result in an over- or under-recovery in excess of 10 percent.

8. Since the filing, approval, and implementation of Tampa Electric's current factors, the company has monitored its fuel and purchased power cost recovery revenue and expenses on an ongoing basis. Based on updated estimates for 2019, the company now projects that an under-recovery in excess of the 10 percent threshold set forth in Order No. PSC-07-0333-PAA-EI is likely to occur absent a modification to the company's current fuel adjustment factors.

9. Tampa Electric expects its total fuel and purchased power under-recovery for 2019 to be \$122,731,324, based on actual December 2018 and estimated reforecast January through December 2019 data as shown in Exhibit "A". The reprojected total fuel and net power transactions amount for January 2019 through December 2019 of \$613,386,595 reflects an increase of \$75,514,842, compared to the original projection. The projected under-recovery for 2019 is over 10 percent greater than Tampa Electric's forecasted jurisdictional system fuel costs for the period on which the current fuel adjustment factors are based. Pursuant to Rule 25-6.0424(1)(a), Florida Administrative Code, the estimated percentage calculated using the estimated end-of-period total net true-up divided by the current period's total actual and estimated jurisdictional fuel revenue applicable to the period is 24.9 percent including the end of 2018 final true-up amount, and 16.0 percent if the 2018 final true-up amount is excluded.

10. The under-recovery is due to the increase in the projected cost of natural gas. With this filing, Tampa Electric also updated its planned power purchases with a Summer 2019 energy purchase and updated availability and pricing of market power purchases that may substitute for Tampa Electric generation when cost-effective because the price of natural gas affects the power market.

11. While the revised projected filing represents the company's best estimates for the remainder of 2019, it also contains uncertainty on natural gas pricing and sales forecasts. The company's final 2018 results are an under-recovery balance of \$36,970,912. As compared to the projected over-recovery true-up amount of \$7,015,485 included in the current 2019 fuel factors, this will result in a final 2018 true-up under-recovery of \$43,986,397. Tampa Electric is not proposing to include the 2018 final true-up in this reprojection, since it would normally be submitted to the Commission in March 2019 for consideration at the annual cost recovery hearing for recovery during calendar year 2020. The company recommends that the 2018 final true-up under-recovery amount be included in the 2020 fuel adjustment factors, as it would in the normal course of events. In addition, this treatment of the 2018 final true-up amount helps mitigate the proposed rate impact to customers for the adjusted factors for April through December 2019. Therefore, Tampa Electric has included only the difference in expected 2019 costs in this reprojection.

12. Accordingly, Tampa Electric proposes modifications to its fuel adjustment factors, effective with the first billing cycle for April 2019. The company proposes to adjust its fuel cost recovery factors for the remaining nine months of 2019 to reflect the estimated reforecast under-recovery in 2019. This amount is the difference between the reprojected 2019 end of period total net true-up under-recovery of \$122,731,324 less the expected final 2018 true-up under-recovery of \$43,986,397, which is equivalent to \$78,744,927.

13. Attached hereto as Exhibit "B" are revised and updated "E" Schedules which take into account the company's currently projected under-recovery of \$78,744,927 for the period January 2019 through December 2019, and a recalculation of

the fuel adjustment factors in a manner designed to collect the under-recovery from April 2019 through December 2019.

14. Tampa Electric is also proposing an update to reduce its capacity cost recovery factors for use in 2019 because a planned capacity purchase for 2019 is no longer expected to be made, reducing capacity costs by \$16,805,500. Based on these updated estimates for 2019, the company now projects that an over-recovery of \$14,240,130, or 122.4 percent will occur. Attached hereto as Exhibit “C” is a schedule demonstrating the expected 2019 over-recovery amount absent an adjustment.

15. Tampa Electric’s revised capacity cost recovery factors provide a credit to customers, as shown in Exhibit “D”. The company proposes to include the \$2,673,898 final 2018 true-up under-recovery in its proposed 2019 adjustment since the amount is relatively small and helps offset the impact of the January through March 2019 over-collection under the current factors. The final true-up amount is calculated as the final 2018 under-recovery amount of \$5,458,886 less the \$2,784,988 under-recovery estimate included in the current 2019 rates. Attached as Exhibit “D” are the revised capacity cost recovery schedules to reflect the proposed change.

16. Attached hereto as Schedule E10 of Exhibit “B” is a comparison of an average residential bill reflecting the present fuel adjustment and capacity cost recovery factors approved in Order No. PSC-2018-0610-FOF-EI and the modified factors proposed herein.

17. Because the proposed fuel adjustment and capacity cost recovery factor modifications are based on an effective date beginning with the first billing cycle for April 2019, Tampa Electric asks that this petition be given expedited treatment and scheduled for consideration on or before the March 5, 2019 Commission Agenda

Conference to allow the company to provide adequate notice to customers. In addition, Tampa Electric requests a waiver of the 30-day customer notice requirement if the petition is considered at the March 5, 2019 Agenda Conference. The company's first billing cycle for April 2019 will occur on April 2, 2019, or 28 days after the March 5th Agenda Conference. Given the relatively small timing difference, the company's ability to post notices of the proposed rate change on its website, and the benefit of reducing the customer rate impact by spreading the rate change over nine months, instead of eight months if the rate change implementation is delayed by one month, the waiver is warranted.

WHEREFORE, Tampa Electric urges the Commission to approve the company's proposed modifications to its fuel and purchased power cost recovery factors and capacity cost recovery factors as set forth in the schedules attached hereto, for application on customer bills beginning with bills for April 2019 and thereafter until modified by subsequent Commission order. To achieve the forgoing effective date, the company further requests that this matter be given expedited treatment and considered by the Commission on or before the March 5, 2019 Agenda Conference.

DATED this 15th day of January, 2019.

Respectfully submitted,



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Tallahassee, FL 32302
(850) 224-9115

ATTORNEYS FOR TAMPA ELECTRIC COMPANY

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Petition, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 15th day of January 2019 to the following:

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ATTORNEY

“Exhibit A”

TAMPA ELECTRIC COMPANY
 CALCULATION OF TRUE-UP AND INTEREST PROVISION
 ESTIMATED FOR THE PERIOD: JANUARY 2019 THROUGH DECEMBER 2019

| | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 | Oct-19 | Nov-19 | Dec-19 | TOTAL |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| A. Fuel Cost and Net Power Transactions | | | | | | | | | | | | | |
| 1. Fuel Cost of System Net Generation | 55,450,306 | 46,332,675 | 49,739,014 | 44,924,422 | 48,860,560 | 48,145,031 | 52,050,700 | 52,186,875 | 48,288,859 | 43,274,434 | 40,603,623 | 44,322,631 | 574,179,130 |
| 1a. Fuel Related R&D and Demo. Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2. Fuel Cost of Power Sold ⁽¹⁾ | 81,474 | 65,692 | 73,540 | 68,936 | 66,229 | 70,352 | 57,555 | 67,392 | 55,072 | 69,754 | 43,415 | 64,079 | 783,490 |
| 3. Fuel Cost of Purchased Power | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3a. Demand and Non-Fuel Cost of Purchased Power | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3b. Payments to Qualifying Facilities | 290,630 | 236,240 | 189,240 | 163,260 | 224,660 | 187,380 | 226,500 | 266,490 | 188,810 | 248,690 | 225,080 | 194,890 | 2,641,870 |
| 4. Energy Cost of Economy Purchases | 102,520 | 492,910 | 796,830 | 593,710 | 575,020 | 5,716,820 | 5,713,760 | 5,516,000 | 5,572,520 | 5,974,220 | 823,900 | 1,008,830 | 32,887,040 |
| 5. Total Fuel and Net Power Transactions | 55,761,982 | 46,996,133 | 50,651,544 | 45,612,456 | 49,594,011 | 53,978,879 | 57,933,405 | 57,901,973 | 53,995,117 | 49,427,590 | 41,609,188 | 45,462,272 | 608,924,550 |
| 6. Adj. Big Bend Units 1-4 Igniters Conversion Project | 383,847 | 381,664 | 379,479 | 377,296 | 375,113 | 372,930 | 370,745 | 368,562 | 366,378 | 364,194 | 362,010 | 359,827 | 4,462,045 |
| 6a. Polk Unit 1 Ignition Conversion Project | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7. ADJUSTED TOTAL FUEL AND NET POWER TRANSACTIONS | 56,145,829 | 47,377,797 | 51,031,023 | 45,989,752 | 49,969,124 | 54,351,809 | 58,304,150 | 58,270,535 | 54,361,495 | 49,791,784 | 41,971,198 | 45,822,099 | 613,386,595 |
| B. MWh Sales | | | | | | | | | | | | | |
| 1. Jurisdictional Sales | 1,499,964 | 1,343,529 | 1,338,308 | 1,424,660 | 1,566,247 | 1,825,998 | 1,906,515 | 1,897,443 | 1,960,452 | 1,781,369 | 1,486,481 | 1,451,466 | 19,482,432 |
| 2. Non-Jurisdictional Sales | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3. TOTAL SALES | 1,499,964 | 1,343,529 | 1,338,308 | 1,424,660 | 1,566,247 | 1,825,998 | 1,906,515 | 1,897,443 | 1,960,452 | 1,781,369 | 1,486,481 | 1,451,466 | 19,482,432 |
| 4. Jurisdictional % of Total Sales | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 |

⁽¹⁾ Includes Gains

TAMPA ELECTRIC COMPANY
CALCULATION OF TRUE-UP AND INTEREST PROVISION
ESTIMATED FOR THE PERIOD: JANUARY 2019 THROUGH DECEMBER 2019

| | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 | Oct-19 | Nov-19 | Dec-19 | TOTAL |
|---|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------------|
| C. True-Up Calculation | | | | | | | | | | | | | |
| 1. Jurisdictional Fuel Revenue | 40,334,459 | 35,773,497 | 35,513,669 | 38,066,075 | 42,330,100 | 50,155,759 | 52,649,236 | 52,357,718 | 54,164,760 | 48,484,033 | 39,685,412 | 38,640,537 | 528,155,255 |
| 2. Adjustment to Fuel Revenue | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2a. True-up Provision | (3,080,909) | (3,080,909) | (3,080,909) | (3,080,909) | (3,080,909) | (3,080,909) | (3,080,909) | (3,080,909) | (3,080,909) | (3,080,909) | (3,080,909) | (3,080,913) | (36,970,912) |
| 2b. Incentive Provision | 188,418 | 188,418 | 188,418 | 188,418 | 188,418 | 188,418 | 188,418 | 188,418 | 188,418 | 188,418 | 188,418 | 188,421 | 2,261,019 |
| 2c. Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3. JURISD. FUEL REVENUE APPLICABLE TO PERIOD | 37,441,968 | 32,881,006 | 32,621,178 | 35,173,584 | 39,437,609 | 47,263,268 | 49,756,745 | 49,465,227 | 51,272,269 | 45,591,542 | 36,792,921 | 35,748,045 | 493,445,362 |
| 4. Adjusted Total Fuel and Net Power Transactions (Line A7) | 56,145,829 | 47,377,797 | 51,031,023 | 45,989,752 | 49,969,124 | 54,351,809 | 58,304,150 | 58,270,535 | 54,361,495 | 49,791,784 | 41,971,198 | 45,822,099 | 613,386,595 |
| 5. Jurisdictional % of Total Sales (Line B4) | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | - |
| 6. Jurisdictional Total Fuel and Net Power Transactions | 56,145,829 | 47,377,797 | 51,031,023 | 45,989,752 | 49,969,124 | 54,351,809 | 58,304,150 | 58,270,535 | 54,361,495 | 49,791,784 | 41,971,198 | 45,822,099 | 613,386,595 |
| 6a. Jurisdictional Loss Multiplier | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | - |
| 6b. JURISD. TOTAL FUEL & NET POWER TRANSACTIONS Adjusted for Line Losses | 56,145,829 | 47,377,797 | 51,031,023 | 45,989,752 | 49,969,124 | 54,351,809 | 58,304,150 | 58,270,535 | 54,361,495 | 49,791,784 | 41,971,198 | 45,822,099 | 613,386,595 |
| 7. True-up Provision for Month +/- Collected (Line 3-6b-6b) | (18,703,861) | (14,496,791) | (18,409,845) | (10,816,168) | (10,531,515) | (7,088,541) | (8,547,405) | (8,805,308) | (3,089,226) | (4,200,242) | (5,178,277) | (10,074,054) | (119,941,233) |
| 8. Interest Provision for the Month | (95,386) | (131,394) | (168,967) | (205,661) | (224,846) | (239,492) | (251,735) | (266,119) | (284,956) | (299,466) | (304,560) | (317,509) | (2,790,091) |
| 9. True-up and Interest Provision Beginning of Month (Schedule E1-A, Line 1) | (36,970,912) | (52,689,250) | (64,236,526) | (79,734,429) | (87,675,349) | (95,350,801) | (99,597,925) | (105,316,156) | (111,306,674) | (111,599,947) | (113,018,746) | (115,420,674) | |
| 10. True-up Collected (Refunded) | 3,080,909 | 3,080,909 | 3,080,909 | 3,080,909 | 3,080,909 | 3,080,909 | 3,080,909 | 3,080,909 | 3,080,909 | 3,080,909 | 3,080,909 | 3,080,913 | 36,970,912 |
| 11. END OF PERIOD TOTAL NET TRUE-UP | (52,689,250) | (64,236,526) | (79,734,429) | (87,675,349) | (95,350,801) | (99,597,925) | (105,316,156) | (111,306,674) | (111,599,947) | (113,018,746) | (115,420,674) | (122,731,324) | |

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TAMPA ELECTRIC COMPANY
 CALCULATION OF TRUE-UP AND INTEREST PROVISION
 ESTIMATED FOR THE PERIOD: JANUARY 2019 THROUGH DECEMBER 2019

| | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 | Oct-19 | Nov-19 | Dec-19 | TOTAL |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------------|
| D. Interest Provision | | | | | | | | | | | | | |
| 1. Beginning True-up Amount | (36,970,912) | (52,689,250) | (64,236,526) | (79,734,429) | (87,675,349) | (95,350,801) | (99,597,925) | (105,316,156) | (111,306,674) | (111,599,947) | (113,018,746) | (115,420,674) | |
| 2. Ending True-up Amount Before Interest | <u>(52,593,864)</u> | <u>(64,105,132)</u> | <u>(79,565,462)</u> | <u>(87,469,688)</u> | <u>(95,125,955)</u> | <u>(99,358,433)</u> | <u>(105,064,421)</u> | <u>(111,040,555)</u> | <u>(111,314,991)</u> | <u>(112,719,280)</u> | <u>(115,116,114)</u> | <u>(122,413,815)</u> | |
| 3. Total Beginning and Ending True-up Amount | (89,564,776) | (116,794,382) | (143,801,988) | (167,204,117) | (182,801,304) | (194,709,234) | (204,662,346) | (216,356,711) | (222,621,665) | (224,319,227) | (228,134,860) | (237,834,489) | |
| 4. Average True-up Amount | (44,782,388) | (58,397,191) | (71,900,994) | (83,602,059) | (91,400,652) | (97,354,617) | (102,331,173) | (108,178,356) | (111,310,833) | (112,159,614) | (114,067,430) | (118,917,245) | |
| 5. Interest Rate @ First Day of Month | 2.420 | 2.700 | 2.700 | 2.950 | 2.950 | 2.950 | 2.950 | 2.950 | 2.950 | 3.200 | 3.200 | 3.200 | |
| 6. Interest Rate @ Last Day of Month | <u>2.700</u> | <u>2.700</u> | <u>2.950</u> | <u>2.950</u> | <u>2.950</u> | <u>2.950</u> | <u>2.950</u> | <u>2.950</u> | <u>3.200</u> | <u>3.200</u> | <u>3.200</u> | <u>3.200</u> | |
| 7. Total Beginning and Ending Interest Rate | 5.120 | 5.400 | 5.650 | 5.900 | 5.900 | 5.900 | 5.900 | 5.900 | 6.150 | 6.400 | 6.400 | 6.400 | |
| 8. Average Interest Rate | 2.560 | 2.700 | 2.825 | 2.950 | 2.950 | 2.950 | 2.950 | 2.950 | 3.075 | 3.200 | 3.200 | 3.200 | |
| 9. Monthly Average Interest Rate | 0.213 | 0.225 | 0.235 | 0.246 | 0.246 | 0.246 | 0.246 | 0.246 | 0.256 | 0.267 | 0.267 | 0.267 | |
| 10. Interest Provision | <u>(95,386)</u> | <u>(131,394)</u> | <u>(168,967)</u> | <u>(205,661)</u> | <u>(224,846)</u> | <u>(239,492)</u> | <u>(251,735)</u> | <u>(266,119)</u> | <u>(284,956)</u> | <u>(299,466)</u> | <u>(304,560)</u> | <u>(317,509)</u> | <u>(2,790,091)</u> |

“Exhibit B”

MID-COURSE

PROJECTED FUEL AND PURCHASED POWER COST RECOVERY

APRIL 2019 - DECEMBER 2019

SCHEDULES E1 THROUGH E10
SCHEDULE H1

TAMPA ELECTRIC COMPANY

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| 6 | Schedule E1-E Fuel Recovery Factor-with Line Losses | (APR 2019 - DEC 2019) |
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**TAMPA ELECTRIC COMPANY
 FUEL AND PURCHASED POWER
 COST RECOVERY CLAUSE CALCULATION
 ESTIMATED FOR THE PERIOD: JANUARY 2019 THROUGH DECEMBER 2019**

SCHEDULE E1

| | DOLLARS | MWH | CENTS/KWH |
|--|---------------------------|---------------------------|----------------|
| 1. Fuel Cost of System Net Generation (E3) | 574,179,130 | 19,485,150 | 2.94675 |
| 2. Nuclear Fuel Disposal Cost | 0 | 0 | 0.00000 |
| 3. Coal Car Investment | 0 | 0 | 0.00000 |
| 4a. Big Bend Units 1-4 Igniters Conversion Project | 4,462,045 | 19,485,150 ⁽¹⁾ | 0.02290 |
| 4b. Adjustment | 0 | 0 | 0.00000 |
| 5. TOTAL COST OF GENERATED POWER (LINES 1 THROUGH 4b) | 578,641,175 | 19,485,150 | 2.96965 |
| 6. Fuel Cost of Purchased Power - System (Exclusive of Economy)(E7) | 0 | 0 | 0.00000 |
| 7. Energy Cost of Economy Purchases (E9) | 32,887,040 | 894,370 | 3.67712 |
| 8. Demand and Non-Fuel Cost of Purchased Power | 0 | 0 | 0.00000 |
| 9. Energy Payments to Qualifying Facilities (E8) | 2,641,870 | 90,120 | 2.93150 |
| 10. TOTAL COST OF PURCHASED POWER (LINES 6 THROUGH 9) | 35,528,910 | 984,490 | 3.60886 |
| 11. TOTAL AVAILABLE KWH (LINE 5 + LINE 10) | | 20,469,640 | |
| 12. Fuel Cost of Schedule D Sales - Jurisd. (E6) | 271,470 | 10,330 | 2.62798 |
| 13. Fuel Cost of Market Based Sales - Jurisd. (E6) | 453,055 | 11,990 | 3.77860 |
| 14. Gains on Sales | 58,965 | NA | NA |
| 15. TOTAL FUEL COST AND GAINS OF POWER SALES | 783,490 | 22,320 | 3.51026 |
| 16. Net Inadvertant Interchange | | 0 | |
| 17. Wheeling Received Less Wheeling Delivered | | 0 | |
| 18. Interchange and Wheeling Losses | | 524 | |
| 19. TOTAL FUEL AND NET POWER TRANSACTIONS (LINE 5+10-15+16+17-18) | 613,386,595 | 20,446,796 | 2.99992 |
| 20. Net Unbilled | NA ^{(1)(a)} | NA ^(a) | NA |
| 21. Company Use | 1,115,970 ⁽¹⁾ | 37,200 | 0.00573 |
| 22. T & D Losses | 27,814,174 ⁽¹⁾ | 927,164 | 0.14277 |
| 23. System MWH Sales | 613,386,595 | 19,482,432 | 3.14841 |
| 24. Wholesale MWH Sales | 0 | 0 | 0.00000 |
| 25. Jurisdictional MWH Sales | 613,386,595 | 19,482,432 | 3.14841 |
| 26. Jurisdictional Loss Multiplier | | | 1.00000 |
| 27. Jurisdictional MWH Sales Adjusted for Line Loss | 613,386,595 | 19,482,432 | 3.14841 |
| 28. True-up ⁽²⁾ | 35,545,462 | 15,300,631 | 0.23231 |
| 29. Total Jurisdictional Fuel Cost (Excl. GPIF) | 648,932,057 | 19,482,432 | 3.38072 |
| 30. Revenue Tax Factor | | | 1.00072 |
| 31. Fuel Factor (Excl. GPIF) Adjusted for Taxes | 649,399,288 | 19,482,432 | 3.38315 |
| 32. GPIF Adjusted for Taxes ⁽²⁾ | (2,261,019) | 19,482,432 | (0.01161) |
| 33. Fuel Factor Adjusted for Taxes Including GPIF | 647,138,269 | 19,482,432 | 3.37154 |
| 34. Fuel Factor Rounded to Nearest .001 cents per KWH | | | 3.372 |

^(a) Data not available at this time.

⁽¹⁾ Included For Informational Purposes Only

⁽²⁾ Calculation Based on Jurisdictional MWH Sales

**TAMPA ELECTRIC COMPANY
 INCENTIVE FACTOR AND TRUE-UP FACTOR
 FOR THE PERIOD: APRIL 2019 THROUGH DECEMBER 2019**

SCHEDULE E1-C

| | | | |
|--|--|-----------------|----------------|
| 1. TOTAL AMOUNT OF ADJUSTMENTS | | | |
| A. GENERATING PERFORMANCE INCENTIVE REWARD / (PENALTY) (January 2019 through December 2019) | | | (\$2,261,019) |
| B. TRUE-UP OVER / (UNDER) RECOVERED (April 2019 through December 2019) | | | (\$35,545,462) |
| 2. TOTAL SALES | | | |
| (April 2019 through December 2019) | | 15,300,631 | MWh |
| (January 2019 through December 2019) | | 19,482,432 | MWh |
| 3. ADJUSTMENT FACTORS | | | |
| A. GENERATING PERFORMANCE INCENTIVE FACTOR (January-December) | | (0.0116) | Cents/kWh |
| B. TRUE-UP FACTOR (April-December) | | 0.2323 | Cents/kWh |

**DETERMINATION OF FUEL RECOVERY FACTOR
TIME OF USE RATE SCHEDULES
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD: APRIL 2019 THROUGH DECEMBER 2019**

SCHEDULE E1-D

| | | | NET ENERGY FOR LOAD (%) | FUEL COST (%) |
|----|--|----------------------------------|-------------------------------|---------------------|
| | | ON PEAK | 29.77 | \$23.94 |
| | | OFF PEAK | 70.23 | \$22.10 |
| | | | 100.00 | 1.0833 |
| | | <u>TOTAL</u> | <u>ON PEAK</u> | <u>OFF PEAK</u> |
| 1 | Total Fuel & Net Power Trans (Jurisd) | (Sch E1 line 25) | \$458,831,946 | |
| 2 | MWH Sales (Jurisd) | (Sch E1 line 25) | 15,300,631 | |
| 2a | Effective MWH Sales (Jurisd) | | 15,279,017 | |
| 3 | Cost Per KWH Sold | (line 1 / line 2) | 2.9988 | |
| 4 | Jurisdictional Loss Factor | | 1.00000 | |
| 5 | Jurisdictional Fuel Factor | | NA | |
| 6 | True-Up | (Sch E1 line 28) | \$35,545,462 | |
| 7 | TOTAL | (line 1 x line 4)+line 6 | \$494,377,408 | |
| 8 | Revenue Tax Factor | | 1.00072 | |
| 9 | Recovery Factor | (line 7 x line 8) / line 2a / 10 | 3.2380 | |
| 10 | GPIF Factor | (Sch E1-C line 3a) | (0.0111) | |
| 11 | Recovery Factor Including GPIF | (line 9 + line 10) | 3.2269 | 3.4111 |
| 12 | Recovery Factor Rounded to the Nearest .001 cents/KWH | | 3.227 | 3.411 |
| 13 | Hours: ON PEAK | | 25.48% | |
| 14 | OFF PEAK | | 74.52% | |
| | | | 100.00% | |

| Jurisdictional Sales (MWH) | | |
|----------------------------|------------|------------|
| April - December | | |
| Metering Voltage: | Meter | Secondary |
| Distribution Secondary | 13,610,891 | 13,610,891 |
| Distribution Primary | 1,218,108 | 1,205,927 |
| Transmission | 471,632 | 462,199 |
| Total | 15,300,631 | 15,279,017 |

| | Standard | On-Peak | Off-Peak |
|------------------------|----------|---------|----------|
| Distribution Secondary | 3.227 | 3.411 | 3.149 |
| Distribution Primary | 3.195 | 3.377 | 3.118 |
| Transmission | 3.162 | 3.343 | 3.086 |
| RS 1st Tier | 2.913 | | |
| RS 2nd Tier | 3.913 | | |
| Lighting | 3.194 | | |

SCHEDULE E1-E

TAMPA ELECTRIC COMPANY
 FUEL COST RECOVERY FACTORS
 ESTIMATED FOR THE PERIOD: APRIL 2019 THROUGH DECEMBER 2019

| METERING VOLTAGE LEVEL | LEVELIZED FUEL RECOVERY FACTOR cents/kWh | FIRST TIER (Up to 1000 kWh) cents/kWh | SECOND TIER (OVER 1000 kWh) cents/kWh |
|-----------------------------------|---|---|---|
| STANDARD | | | |
| Distribution Secondary (RS only) | | 2.913 | 3.913 |
| Distribution Secondary | 3.227 | | |
| Distribution Primary | 3.195 | | |
| Transmission | 3.162 | | |
| Lighting Service ⁽¹⁾ | 3.194 | | |
| TIME-OF-USE | | | |
| Distribution Secondary - On-Peak | 3.411 | | |
| Distribution Secondary - Off-Peak | 3.149 | | |
| Distribution Primary - On-Peak | 3.377 | | |
| Distribution Primary - Off-Peak | 3.118 | | |
| Transmission - On-Peak | 3.343 | | |
| Transmission - Off-Peak | 3.086 | | |

(1) Lighting service is based on distribution secondary, 17% on-peak and 83% off-peak

TAMPA ELECTRIC COMPANY
 FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION
 ESTIMATED FOR THE PERIOD: JANUARY 2019 THROUGH DECEMBER 2019

| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | (k) | (l) | (m) |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | ESTIMATED Jun-19 | Jul-19 | Aug-19 | Sep-19 | Oct-19 | Nov-19 | Dec-19 | TOTAL PERIOD |
| 1. Fuel Cost of System Net Generation | 55,450,306 | 46,332,675 | 49,739,014 | 44,924,422 | 48,860,560 | 48,145,031 | 52,050,700 | 52,186,875 | 48,288,859 | 43,274,434 | 40,603,623 | 44,322,631 | 574,179,130 |
| 2. Nuclear Fuel Disposal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3. Fuel Cost of Power Sold ⁽¹⁾ | 81,474 | 65,692 | 73,540 | 68,936 | 66,229 | 70,352 | 57,555 | 67,392 | 55,072 | 69,754 | 43,415 | 64,079 | 783,490 |
| 4. Fuel Cost of Purchased Power | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5. Demand and Non-Fuel Cost of Purchased Power | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6. Payments to Qualifying Facilities | 290,630 | 236,240 | 189,240 | 163,260 | 224,660 | 187,380 | 226,500 | 266,490 | 188,810 | 248,690 | 225,080 | 194,890 | 2,641,870 |
| 7. Energy Cost of Economy Purchases | 102,520 | 492,910 | 796,830 | 593,710 | 575,020 | 5,716,820 | 5,713,760 | 5,516,000 | 5,572,520 | 5,974,220 | 823,900 | 1,008,830 | 32,887,040 |
| 8. Big Bend Units 1-4 Igniters Conversion Project | 383,847 | 381,664 | 379,479 | 377,296 | 375,113 | 372,930 | 370,745 | 368,562 | 366,378 | 364,194 | 362,010 | 359,827 | 4,462,045 |
| 9. Adjustment | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10. TOTAL FUEL & NET POWER TRANSACTIONS | 56,145,829 | 47,377,797 | 51,031,023 | 45,989,752 | 49,969,124 | 54,351,809 | 58,304,150 | 58,270,535 | 54,361,495 | 49,791,784 | 41,971,198 | 45,822,099 | 613,386,595 |
| 11. Jurisdictional MWh Sold | 1,499,964 | 1,343,529 | 1,338,308 | 1,424,660 | 1,566,247 | 1,825,998 | 1,906,515 | 1,897,443 | 1,960,452 | 1,781,369 | 1,486,481 | 1,451,466 | 19,482,432 |
| 12. Jurisdictional % of Total Sales | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 |
| 13. Jurisdictional Total Fuel & Net Power Transactions (Line 10 * Line 12) | 56,145,829 | 47,377,797 | 51,031,023 | 45,989,752 | 49,969,124 | 54,351,809 | 58,304,150 | 58,270,535 | 54,361,495 | 49,791,784 | 41,971,198 | 45,822,099 | 613,386,595 |
| 14. Jurisdictional Loss Multiplier | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 |
| 15. JURISD. TOTAL FUEL & NET PWR. TRANS. Adjusted for Line Losses (Line 13 * Line 14) | 56,145,829 | 47,377,797 | 51,031,023 | 45,989,752 | 49,969,124 | 54,351,809 | 58,304,150 | 58,270,535 | 54,361,495 | 49,791,784 | 41,971,198 | 45,822,099 | 613,386,595 |
| 16. Cost Per kWh Sold (Cents/kWh) | 3.7431 | 3.5264 | 3.8131 | 3.2281 | 3.1904 | 2.9766 | 3.0582 | 3.0710 | 2.7729 | 2.7951 | 2.8235 | 3.1570 | 3.1484 |
| 17. True-up (Cents/kWh) ⁽²⁾ | (0.0360) | (0.0360) | (0.0360) | 0.2323 | 0.2323 | 0.2323 | 0.2323 | 0.2323 | 0.2323 | 0.2323 | 0.2323 | 0.2323 | 0.2323 |
| 18. Total (Cents/kWh) (Line 16+17) | 3.7071 | 3.4904 | 3.7771 | 3.4604 | 3.4227 | 3.2089 | 3.2905 | 3.3033 | 3.0052 | 3.0274 | 3.0558 | 3.3893 | 3.3807 |
| 19. Revenue Tax Factor | 1.00072 | 1.00072 | 1.00072 | 1.00072 | 1.00072 | 1.00072 | 1.00072 | 1.00072 | 1.00072 | 1.00072 | 1.00072 | 1.00072 | 1.00072 |
| 20. Recovery Factor Adjusted for Taxes (Cents/kWh) (Excluding GPIF) | 3.7098 | 3.4929 | 3.7798 | 3.4629 | 3.4252 | 3.2112 | 3.2929 | 3.3057 | 3.0074 | 3.0296 | 3.0580 | 3.3917 | 3.3831 |
| 21. GPIF Adjusted for Taxes (Cents/kWh) ⁽²⁾ | (0.0116) | (0.0116) | (0.0116) | (0.0116) | (0.0116) | (0.0116) | (0.0116) | (0.0116) | (0.0116) | (0.0116) | (0.0116) | (0.0116) | (0.0116) |
| 22. TOTAL RECOVERY FACTOR (LINE 20+21) | 3.6982 | 3.4813 | 3.7682 | 3.4513 | 3.4136 | 3.1996 | 3.2813 | 3.2941 | 2.9958 | 3.0180 | 3.0464 | 3.3801 | 3.3715 |
| 23. RECOVERY FACTOR ROUNDED TO NEAREST 0.001 CENTS/KWH | 3.698 | 3.481 | 3.768 | 3.451 | 3.414 | 3.200 | 3.281 | 3.294 | 2.996 | 3.018 | 3.046 | 3.380 | 3.372 |

⁽¹⁾ Includes Gains

⁽²⁾ Based on Jurisdictional Sales Only

TAMPA ELECTRIC COMPANY
 CALCULATION OF TRUE-UP AND INTEREST PROVISION
 ESTIMATED FOR THE PERIOD: JANUARY 2019 THROUGH DECEMBER 2019

SCHEDULE E2
 SUPPLEMENTAL
 PAGE 1 OF 3

| | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 | Oct-19 | Nov-19 | Dec-19 | TOTAL |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| A. Fuel Cost and Net Power Transactions | | | | | | | | | | | | | |
| 1. Fuel Cost of System Net Generation | 55,450,306 | 46,332,675 | 49,739,014 | 44,924,422 | 48,860,560 | 48,145,031 | 52,050,700 | 52,186,875 | 48,288,859 | 43,274,434 | 40,603,623 | 44,322,631 | 574,179,130 |
| 1a. Fuel Related R&D and Demo. Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2. Fuel Cost of Power Sold ⁽¹⁾ | 81,474 | 65,692 | 73,540 | 68,936 | 66,229 | 70,352 | 57,555 | 67,392 | 55,072 | 69,754 | 43,415 | 64,079 | 783,490 |
| 3. Fuel Cost of Purchased Power | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3a. Demand and Non-Fuel Cost of Purchased Power | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3b. Payments to Qualifying Facilities | 290,630 | 236,240 | 189,240 | 163,260 | 224,660 | 187,380 | 226,500 | 266,490 | 188,810 | 248,690 | 225,080 | 194,890 | 2,641,870 |
| 4. Energy Cost of Economy Purchases | 102,520 | 492,910 | 796,830 | 593,710 | 575,020 | 5,716,820 | 5,713,760 | 5,516,000 | 5,572,520 | 5,974,220 | 823,900 | 1,008,830 | 32,887,040 |
| 5. Total Fuel and Net Power Transactions | 55,761,982 | 46,996,133 | 50,651,544 | 45,612,456 | 49,594,011 | 53,978,879 | 57,933,405 | 57,901,973 | 53,995,117 | 49,427,590 | 41,609,188 | 45,462,272 | 608,924,550 |
| 6. Adj. Big Bend Units 1-4 Igniters Conversion Project | 383,847 | 381,664 | 379,479 | 377,296 | 375,113 | 372,930 | 370,745 | 368,562 | 366,378 | 364,194 | 362,010 | 359,827 | 4,462,045 |
| 6a. Polk Unit 1 Ignition Conversion Project | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7. ADJUSTED TOTAL FUEL AND NET POWER TRANSACTIONS | 56,145,829 | 47,377,797 | 51,031,023 | 45,989,752 | 49,969,124 | 54,351,809 | 58,304,150 | 58,270,535 | 54,361,495 | 49,791,784 | 41,971,198 | 45,822,099 | 613,386,595 |
| B. MWh Sales | | | | | | | | | | | | | |
| 1. Jurisdictional Sales | 1,499,964 | 1,343,529 | 1,338,308 | 1,424,660 | 1,566,247 | 1,825,998 | 1,906,515 | 1,897,443 | 1,960,452 | 1,781,369 | 1,486,481 | 1,451,466 | 19,482,432 |
| 2. Non-Jurisdictional Sales | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3. TOTAL SALES | 1,499,964 | 1,343,529 | 1,338,308 | 1,424,660 | 1,566,247 | 1,825,998 | 1,906,515 | 1,897,443 | 1,960,452 | 1,781,369 | 1,486,481 | 1,451,466 | 19,482,432 |
| 4. Jurisdictional % of Total Sales | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | |

⁽¹⁾ Includes Gains

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TAMPA ELECTRIC COMPANY
CALCULATION OF TRUE-UP AND INTEREST PROVISION
ESTIMATED FOR THE PERIOD: JANUARY 2019 THROUGH DECEMBER 2019

SCHEDULE E2
SUPPLEMENTAL
PAGE 2 OF 3

| | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 | Oct-19 | Nov-19 | Dec-19 | TOTAL |
|---|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|-------------------|-------------------|--------------------|
| C. True-Up Calculation | | | | | | | | | | | | | |
| 1. Jurisdictional Fuel Revenue | 40,334,459 | 35,773,497 | 35,513,669 | 45,281,043 | 50,265,857 | 59,410,921 | 62,312,123 | 61,975,664 | 64,101,838 | 57,512,796 | 47,216,277 | 45,990,470 | 605,688,614 |
| 2. Adjustment to Fuel Revenue | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2a. True-up Provision | 584,624 | 584,624 | 584,624 | | | | | | | | | | 1,753,872 |
| 2b. Incentive Provision | 188,418 | 188,418 | 188,418 | 188,418 | 188,418 | 188,418 | 188,418 | 188,418 | 188,418 | 188,418 | 188,418 | 188,421 | 2,261,019 |
| 2c. Mid-Course True Up | 0 | 0 | 0 | (3,949,496) | (3,949,496) | (3,949,496) | (3,949,496) | (3,949,496) | (3,949,496) | (3,949,496) | (3,949,496) | (3,949,494) | (35,545,462) |
| 3. JURISD. FUEL REVENUE APPLICABLE TO PERIOD | 41,107,501 | 36,546,539 | 36,286,711 | 41,519,965 | 46,504,779 | 55,649,843 | 58,551,045 | 58,214,586 | 60,340,760 | 53,751,718 | 43,455,199 | 42,229,397 | 574,158,043 |
| 4. Adjusted Total Fuel and Net Power Transactions (Line A7) | 56,145,829 | 47,377,797 | 51,031,023 | 45,989,752 | 49,969,124 | 54,351,809 | 58,304,150 | 58,270,535 | 54,361,495 | 49,791,784 | 41,971,198 | 45,822,099 | 613,386,595 |
| 5. Jurisdictional % of Total Sales (Line B4) | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | - |
| 6. Jurisdictional Total Fuel and Net Power Transactions | 56,145,829 | 47,377,797 | 51,031,023 | 45,989,752 | 49,969,124 | 54,351,809 | 58,304,150 | 58,270,535 | 54,361,495 | 49,791,784 | 41,971,198 | 45,822,099 | 613,386,595 |
| 6a. Jurisdictional Loss Multiplier | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | - |
| 6b. JURISD. TOTAL FUEL & NET POWER TRANSACTIONS Adjusted for Line Losses | 56,145,829 | 47,377,797 | 51,031,023 | 45,989,752 | 49,969,124 | 54,351,809 | 58,304,150 | 58,270,535 | 54,361,495 | 49,791,784 | 41,971,198 | 45,822,099 | 613,386,595 |
| 7. True-up Provision for Month +/- Collected (Line 3-6b-6b) | (15,038,328) | (10,831,258) | (14,744,312) | (4,469,787) | (3,464,345) | 1,298,034 | 246,895 | (55,949) | 5,979,265 | 3,959,934 | 1,484,001 | (3,592,702) | (39,228,552) |
| 8. Interest Provision for the Month | (95,386) | (32,424) | (65,367) | (88,082) | (88,342) | (81,508) | (70,092) | (60,314) | (45,228) | (23,478) | (5,728) | 1,987 | (653,962) |
| 9. True-up and Interest Provision Beginning of Month (Schedule E1-A, Line 1) | 7,015,485 | (8,702,853) | (20,151,159) | (35,545,462) | (36,153,835) | (35,757,026) | (30,591,004) | (26,464,705) | (22,631,472) | (12,747,939) | (4,861,987) | 565,782 | |
| 10. True-up Collected (Refunded) | (584,624) | (584,624) | (584,624) | 3,949,496 | 3,949,496 | 3,949,496 | 3,949,496 | 3,949,496 | 3,949,496 | 3,949,496 | 3,949,496 | 3,949,494 | 33,791,590 |
| 11. END OF PERIOD TOTAL NET TRUE-UP | (8,702,853) | (20,151,159) | (35,545,462) | (36,153,835) | (35,757,026) | (30,591,004) | (26,464,705) | (22,631,472) | (12,747,939) | (4,861,987) | 565,782 | 924,561 | |

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TAMPA ELECTRIC COMPANY
 CALCULATION OF TRUE-UP AND INTEREST PROVISION
 ESTIMATED FOR THE PERIOD: JANUARY 2019 THROUGH DECEMBER 2019

SCHEDULE E2
 SUPPLEMENTAL
 PAGE 3 OF 3

| | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 | Oct-19 | Nov-19 | Dec-19 | TOTAL |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|----------------|----------------|------------------|
| D. Interest Provision | | | | | | | | | | | | | |
| 1. Beginning True-up Amount | (36,970,912) | (8,702,853) | (20,151,159) | (35,545,462) | (36,153,835) | (35,757,026) | (30,591,004) | (26,464,705) | (22,631,472) | (12,747,939) | (4,861,987) | 565,782 | |
| 2. Ending True-up Amount Before Interest | <u>(52,593,864)</u> | <u>(20,118,735)</u> | <u>(35,480,095)</u> | <u>(36,065,753)</u> | <u>(35,668,684)</u> | <u>(30,509,496)</u> | <u>(26,394,613)</u> | <u>(22,571,158)</u> | <u>(12,702,711)</u> | <u>(4,838,509)</u> | <u>571,510</u> | <u>922,574</u> | |
| 3. Total Beginning and Ending True-up Amount | (89,564,776) | (28,821,588) | (55,631,254) | (71,611,215) | (71,822,519) | (66,266,522) | (56,985,617) | (49,035,863) | (35,334,183) | (17,586,448) | (4,290,477) | 1,488,356 | |
| 4. Average True-up Amount | (44,782,388) | (14,410,794) | (27,815,627) | (35,805,608) | (35,911,260) | (33,133,261) | (28,492,809) | (24,517,932) | (17,667,092) | (8,793,224) | (2,145,239) | 744,178 | |
| 5. Interest Rate @ First Day of Month | 2.420 | 2.700 | 2.700 | 2.950 | 2.950 | 2.950 | 2.950 | 2.950 | 2.950 | 3.200 | 3.200 | 3.200 | |
| 6. Interest Rate @ Last Day of Month | <u>2.700</u> | <u>2.700</u> | <u>2.950</u> | <u>2.950</u> | <u>2.950</u> | <u>2.950</u> | <u>2.950</u> | <u>2.950</u> | <u>3.200</u> | <u>3.200</u> | <u>3.200</u> | <u>3.200</u> | |
| 7. Total Beginning and Ending Interest Rate | 5.120 | 5.400 | 5.650 | 5.900 | 5.900 | 5.900 | 5.900 | 5.900 | 6.150 | 6.400 | 6.400 | 6.400 | |
| 8. Average Interest Rate | 2.560 | 2.700 | 2.825 | 2.950 | 2.950 | 2.950 | 2.950 | 2.950 | 3.075 | 3.200 | 3.200 | 3.200 | |
| 9. Monthly Average Interest Rate | 0.213 | 0.225 | 0.235 | 0.246 | 0.246 | 0.246 | 0.246 | 0.246 | 0.256 | 0.267 | 0.267 | 0.267 | |
| 10. Interest Provision | <u>(95,386)</u> | <u>(32,424)</u> | <u>(65,367)</u> | <u>(88,082)</u> | <u>(88,342)</u> | <u>(81,508)</u> | <u>(70,092)</u> | <u>(60,314)</u> | <u>(45,228)</u> | <u>(23,478)</u> | <u>(5,728)</u> | <u>1,987</u> | <u>(653,962)</u> |

TAMPA ELECTRIC COMPANY
 GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
 ESTIMATED FOR THE PERIOD: JANUARY 2019 THROUGH JUNE 2019

SCHEDULE E3

| | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| FUEL COST OF SYSTEM NET GENERATION (\$) | | | | | | |
| 1. HEAVY OIL | 0 | 0 | 0 | 0 | 0 | 0 |
| 2. LIGHT OIL | 0 | 0 | 0 | 142,781 | 0 | 0 |
| 3. COAL | 6,194,339 | 5,743,558 | 6,388,903 | 2,443,106 | 4,540,414 | 4,358,991 |
| 4. NATURAL GAS | 49,255,967 | 40,589,117 | 43,350,111 | 42,338,535 | 44,320,146 | 43,786,040 |
| 5. NUCLEAR | 0 | 0 | 0 | 0 | 0 | 0 |
| 6. OTHER | 0 | 0 | 0 | 0 | 0 | 0 |
| 7. TOTAL (\$) | 55,450,306 | 46,332,675 | 49,739,014 | 44,924,422 | 48,860,560 | 48,145,031 |
| SYSTEM NET GENERATION (MWH) | | | | | | |
| 8. HEAVY OIL | 0 | 0 | 0 | 0 | 0 | 0 |
| 9. LIGHT OIL | 0 | 0 | 0 | 600 | 0 | 0 |
| 10. COAL | 205,940 | 186,040 | 205,860 | 72,450 | 129,550 | 123,270 |
| 11. NATURAL GAS | 1,236,980 | 1,058,100 | 1,138,600 | 1,365,330 | 1,549,730 | 1,568,710 |
| 12. NUCLEAR | 0 | 0 | 0 | 0 | 0 | 0 |
| 13. OTHER | 64,330 | 70,400 | 100,680 | 107,700 | 113,000 | 97,040 |
| 14. TOTAL (MWH) | 1,507,250 | 1,314,540 | 1,445,140 | 1,546,080 | 1,792,280 | 1,789,020 |
| UNITS OF FUEL BURNED | | | | | | |
| 15. HEAVY OIL (BBL) | 0 | 0 | 0 | 0 | 0 | 0 |
| 16. LIGHT OIL (BBL) | 0 | 0 | 0 | 1,120 | 0 | 0 |
| 17. COAL (TON) | 95,500 | 86,270 | 95,470 | 36,110 | 67,000 | 64,040 |
| 18. NATURAL GAS (MCF) | 8,733,730 | 7,313,120 | 8,126,920 | 10,383,970 | 11,254,150 | 11,165,880 |
| 19. NUCLEAR (MMBTU) | 0 | 0 | 0 | 0 | 0 | 0 |
| 20. OTHER | 0 | 0 | 0 | 0 | 0 | 0 |
| BTUS BURNED (MMBTU) | | | | | | |
| 21. HEAVY OIL | 0 | 0 | 0 | 0 | 0 | 0 |
| 22. LIGHT OIL | 0 | 0 | 0 | 6,460 | 0 | 0 |
| 23. COAL | 2,148,770 | 1,941,160 | 2,148,070 | 812,540 | 1,507,460 | 1,440,800 |
| 24. NATURAL GAS | 8,958,530 | 7,509,290 | 8,330,470 | 10,647,270 | 11,556,350 | 11,456,170 |
| 25. NUCLEAR | 0 | 0 | 0 | 0 | 0 | 0 |
| 26. OTHER | 0 | 0 | 0 | 0 | 0 | 0 |
| 27. TOTAL (MMBTU) | 11,107,300 | 9,450,450 | 10,478,540 | 11,466,270 | 13,063,810 | 12,896,970 |
| GENERATION MIX (% MWH) | | | | | | |
| 28. HEAVY OIL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 29. LIGHT OIL | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 | 0.00 |
| 30. COAL | 13.66 | 14.15 | 14.24 | 4.68 | 7.23 | 6.89 |
| 31. NATURAL GAS | 82.07 | 80.49 | 78.79 | 88.31 | 86.47 | 87.69 |
| 32. NUCLEAR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 33. OTHER | 4.27 | 5.36 | 6.97 | 6.97 | 6.30 | 5.42 |
| 34. TOTAL (%) | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| FUEL COST PER UNIT | | | | | | |
| 35. HEAVY OIL (\$/BBL) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 36. LIGHT OIL (\$/BBL) | 0.00 | 0.00 | 0.00 | 127.48 | 0.00 | 0.00 |
| 37. COAL (\$/TON) | 64.86 | 66.58 | 66.92 | 67.66 | 67.77 | 68.07 |
| 38. NATURAL GAS (\$/MCF) | 5.64 | 5.55 | 5.33 | 4.08 | 3.94 | 3.92 |
| 39. NUCLEAR (\$/MMBTU) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40. OTHER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FUEL COST PER MMBTU (\$/MMBTU) | | | | | | |
| 41. HEAVY OIL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 42. LIGHT OIL | 0.00 | 0.00 | 0.00 | 22.10 | 0.00 | 0.00 |
| 43. COAL | 2.88 | 2.96 | 2.97 | 3.01 | 3.01 | 3.03 |
| 44. NATURAL GAS | 5.50 | 5.41 | 5.20 | 3.98 | 3.84 | 3.82 |
| 45. NUCLEAR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 46. OTHER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 47. TOTAL (\$/MMBTU) | 4.99 | 4.90 | 4.75 | 3.92 | 3.74 | 3.73 |
| BTU BURNED PER KWH (BTU/KWH) | | | | | | |
| 48. HEAVY OIL | 0 | 0 | 0 | 0 | 0 | 0 |
| 49. LIGHT OIL | 0 | 0 | 0 | 10,767 | 0 | 0 |
| 50. COAL | 10,434 | 10,434 | 10,435 | 11,215 | 11,636 | 11,688 |
| 51. NATURAL GAS | 7,242 | 7,097 | 7,316 | 7,798 | 7,457 | 7,303 |
| 52. NUCLEAR | 0 | 0 | 0 | 0 | 0 | 0 |
| 53. OTHER | 0 | 0 | 0 | 0 | 0 | 0 |
| 54. TOTAL (BTU/KWH) | 7,369 | 7,189 | 7,251 | 7,416 | 7,289 | 7,209 |
| GENERATED FUEL COST PER KWH (CENTS/KWH) | | | | | | |
| 55. HEAVY OIL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 56. LIGHT OIL | 0.00 | 0.00 | 0.00 | 23.80 | 0.00 | 0.00 |
| 57. COAL | 3.01 | 3.09 | 3.10 | 3.37 | 3.50 | 3.54 |
| 58. NATURAL GAS | 3.98 | 3.84 | 3.81 | 3.10 | 2.86 | 2.79 |
| 59. NUCLEAR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60. OTHER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 61. TOTAL (CENTS/KWH) | 3.68 | 3.52 | 3.44 | 2.91 | 2.73 | 2.69 |

TAMPA ELECTRIC COMPANY
 GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
 ESTIMATED FOR THE PERIOD: JULY 2019 THROUGH DECEMBER 2019

SCHEDULE E3

| | Jul-19 | Aug-19 | Sep-19 | Oct-19 | Nov-19 | Dec-19 | TOTAL |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| FUEL COST OF SYSTEM NET GENERATION (\$) | | | | | | | |
| 1. HEAVY OIL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2. LIGHT OIL | 0 | 0 | 0 | 0 | 0 | 0 | 142,781 |
| 3. COAL | 4,628,114 | 4,571,434 | 4,162,345 | 0 | 4,741,470 | 6,408,571 | 54,181,245 |
| 4. NATURAL GAS | 47,422,586 | 47,615,441 | 44,126,514 | 43,274,434 | 35,862,153 | 37,914,060 | 519,855,104 |
| 5. NUCLEAR | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6. OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7. TOTAL (\$) | 52,050,700 | 52,186,875 | 48,288,859 | 43,274,434 | 40,603,623 | 44,322,631 | 574,179,130 |
| SYSTEM NET GENERATION (MWH) | | | | | | | |
| 8. HEAVY OIL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9. LIGHT OIL | 0 | 0 | 0 | 0 | 0 | 0 | 600 |
| 10. COAL | 129,890 | 128,990 | 115,970 | 0 | 140,610 | 200,550 | 1,639,120 |
| 11. NATURAL GAS | 1,657,260 | 1,677,750 | 1,582,850 | 1,514,610 | 1,204,300 | 1,268,580 | 16,822,800 |
| 12. NUCLEAR | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13. OTHER | 91,800 | 97,780 | 75,510 | 77,270 | 67,420 | 59,700 | 1,022,630 |
| 14. TOTAL (MWH) | 1,878,950 | 1,904,520 | 1,774,330 | 1,591,880 | 1,412,330 | 1,528,830 | 19,485,150 |
| UNITS OF FUEL BURNED | | | | | | | |
| 15. HEAVY OIL (BBL) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16. LIGHT OIL (BBL) | 0 | 0 | 0 | 0 | 0 | 0 | 1,120 |
| 17. COAL (TON) | 67,130 | 66,780 | 60,690 | 0 | 69,060 | 93,500 | 801,550 |
| 18. NATURAL GAS (MCF) | 12,024,630 | 12,097,040 | 11,282,560 | 10,757,510 | 8,738,260 | 8,875,380 | 120,753,150 |
| 19. NUCLEAR (MMBTU) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20. OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BTUS BURNED (MMBTU) | | | | | | | |
| 21. HEAVY OIL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22. LIGHT OIL | 0 | 0 | 0 | 0 | 0 | 0 | 6,460 |
| 23. COAL | 1,510,350 | 1,502,630 | 1,365,620 | 0 | 1,553,830 | 2,103,700 | 18,034,930 |
| 24. NATURAL GAS | 12,333,000 | 12,420,280 | 11,580,460 | 11,032,990 | 8,966,610 | 9,115,320 | 123,906,740 |
| 25. NUCLEAR | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26. OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27. TOTAL (MMBTU) | 13,843,350 | 13,922,910 | 12,946,080 | 11,032,990 | 10,520,440 | 11,219,020 | 141,948,130 |
| GENERATION MIX (% MWH) | | | | | | | |
| 28. HEAVY OIL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 29. LIGHT OIL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30. COAL | 6.91 | 6.78 | 6.53 | 0.00 | 9.96 | 13.12 | 8.41 |
| 31. NATURAL GAS | 88.20 | 88.09 | 89.21 | 95.15 | 85.27 | 82.98 | 86.34 |
| 32. NUCLEAR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 33. OTHER | 4.89 | 5.13 | 4.26 | 4.85 | 4.77 | 3.90 | 5.25 |
| 34. TOTAL (%) | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| FUEL COST PER UNIT | | | | | | | |
| 35. HEAVY OIL (\$/BBL) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 36. LIGHT OIL (\$/BBL) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 127.48 |
| 37. COAL (\$/TON) | 68.94 | 68.46 | 68.58 | 0.00 | 68.66 | 68.54 | 67.60 |
| 38. NATURAL GAS (\$/MCF) | 3.94 | 3.94 | 3.91 | 4.02 | 4.10 | 4.27 | 4.31 |
| 39. NUCLEAR (\$/MMBTU) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40. OTHER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FUEL COST PER MMBTU (\$/MMBTU) | | | | | | | |
| 41. HEAVY OIL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 42. LIGHT OIL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 22.10 |
| 43. COAL | 3.06 | 3.04 | 3.05 | 0.00 | 3.05 | 3.05 | 3.00 |
| 44. NATURAL GAS | 3.85 | 3.83 | 3.81 | 3.92 | 4.00 | 4.16 | 4.20 |
| 45. NUCLEAR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 46. OTHER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 47. TOTAL (\$/MMBTU) | 3.76 | 3.75 | 3.73 | 3.92 | 3.86 | 3.95 | 4.04 |
| BTU BURNED PER KWH (BTU/KWH) | | | | | | | |
| 48. HEAVY OIL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 49. LIGHT OIL | 0 | 0 | 0 | 0 | 0 | 0 | 10,767 |
| 50. COAL | 11,628 | 11,649 | 11,776 | 0 | 11,051 | 10,490 | 11,003 |
| 51. NATURAL GAS | 7,442 | 7,403 | 7,316 | 7,284 | 7,445 | 7,185 | 7,365 |
| 52. NUCLEAR | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 53. OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 54. TOTAL (BTU/KWH) | 7,368 | 7,310 | 7,296 | 6,931 | 7,449 | 7,338 | 7,285 |
| GENERATED FUEL COST PER KWH (CENTS/KWH) | | | | | | | |
| 55. HEAVY OIL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 56. LIGHT OIL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 23.80 |
| 57. COAL | 3.56 | 3.54 | 3.59 | 0.00 | 3.37 | 3.20 | 3.31 |
| 58. NATURAL GAS | 2.86 | 2.84 | 2.79 | 2.86 | 2.98 | 2.99 | 3.09 |
| 59. NUCLEAR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60. OTHER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 61. TOTAL (CENTS/KWH) | 2.77 | 2.74 | 2.72 | 2.72 | 2.87 | 2.90 | 2.95 |

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: JANUARY 2019

| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) | (J) | (K) | (L) | (M) | (N) |
|--------------------------------|----------------------|----------------------|-------------------------|--------------------------|-----------------------|------------------------------|-----------|---------------------|----------------------------|-------------------------------------|---|-------------------------------|------------------------|
| PLANT/UNIT | NET CAPABILITY (MW) | NET GENERATION (MWH) | NET CAPACITY FACTOR (%) | EQUIV. AVAIL. FACTOR (%) | NET OUTPUT FACTOR (%) | AVG. NET HEAT RATE (BTU/KWH) | FUEL TYPE | FUEL BURNED (UNITS) | FUEL HEAT VALUE (BTU/UNIT) | FUEL BURNED (MM BTU) ⁽²⁾ | AS BURNED FUEL COST (\$) ⁽¹⁾ | FUEL COST PER KWH (cents/KWH) | COST OF FUEL (\$/UNIT) |
| 1. TIA SOLAR | 1.6 | 230 | 19.3 | - | 19.3 | - | SOLAR | - | - | - | - | - | - |
| 2. BIG BEND SOLAR | 19.4 | 2,600 | 18.0 | - | 18.0 | - | SOLAR | - | - | - | - | - | - |
| 3. LEGOLAND SOLAR | 1.5 | 170 | 15.2 | - | 15.2 | - | SOLAR | - | - | - | - | - | - |
| 4. FUTURE SOLAR | 405.0 | 61,330 | 20.4 | - | 20.4 | - | SOLAR | - | - | - | - | - | - |
| 5. TOTAL SOLAR | ⁽³⁾ 427.5 | 64,330 | 20.2 | - | 20.2 | - | SOLAR | - | - | - | - | - | - |
| 6. B.B.#1 (GAS) | 315 | 4,980 | 2.1 | - | - | - | GAS | 69,730 | 1,027,965 | 71,680.0 | 393,259 | 7.90 | 5.64 |
| 7. B.B.#1 (COAL) | 0 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 8. TOTAL BIG BEND #1 | 315 | 4,980 | 2.1 | 87.6 | 35.1 | 14,394 | - | - | - | 71,680.0 | 393,259 | 7.90 | - |
| 9. B.B.#2 (GAS) | 350 | 10,630 | 4.1 | - | - | - | GAS | 137,790 | 1,028,014 | 141,650.0 | 777,100 | 7.31 | 5.64 |
| 10. B.B.#2 (COAL) | 0 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 11. TOTAL BIG BEND #2 | 350 | 10,630 | 4.1 | 87.4 | 31.6 | 13,325 | - | - | - | 141,650.0 | 777,100 | 7.31 | - |
| 12. B.B.#3 (GAS) | 355 | 5,670 | 2.1 | - | - | - | GAS | 66,670 | 1,028,049 | 68,540.0 | 376,001 | 6.63 | 5.64 |
| 13. B.B.#3 (COAL) | 400 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 14. TOTAL BIG BEND #3 | 355 | 5,670 | 2.1 | 91.3 | 31.3 | 12,088 | - | - | - | 68,540.0 | 376,001 | 6.63 | - |
| 15. B.B.#4 (GAS) | 195 | 10,840 | 7.5 | - | - | - | GAS | 110,010 | 1,027,997 | 113,090.0 | 620,428 | 5.72 | 5.64 |
| 16. B.B.#4 (COAL) | 442 | 205,940 | 62.6 | - | - | - | COAL | 95,500 | 22,500,209 | 2,148,770.0 | 6,194,339 | 3.01 | 64.86 |
| 17. TOTAL BIG BEND #4 | 442 | 216,780 | 65.9 | 77.3 | 77.6 | 10,434 | - | - | - | 2,261,860.0 | 6,814,767 | 3.14 | - |
| 18. B.B. IGNITION | - | - | - | - | - | - | GAS | 19,200 | - | 19,730.0 | 108,283 | - | 5.64 |
| 19. BIG BEND 1-4 COAL TOTAL | 842 | 205,940 | 32.9 | - | - | 10,434 | COAL | 95,500 | 22,500,209 | 2,148,770.0 | 6,194,339 | 3.01 | 64.86 |
| 20. B.B.C.T.#4 (OIL) | 0 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 21. B.B.C.T.#4 (GAS) | 61 | 460 | 1.0 | - | 83.8 | 12,152 | GAS | 5,430 | 1,029,466 | 5,590.0 | 30,624 | 6.66 | 5.64 |
| 22. B.B.C.T.#4 TOTAL | 61 | 460 | 1.0 | 98.2 | 83.8 | 12,152 | - | - | - | 5,590.0 | 30,624 | 6.66 | - |
| 23. BIG BEND STATION TOTAL | 1,523 | 238,520 | 21.0 | 85.8 | 69.0 | 10,688 | - | - | - | 2,549,320.0 | 8,500,034 | 3.56 | - |
| 24. POLK #1 GASIFIER | 220 | 0 | 0.0 | - | 0.0 | 0 | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 25. POLK #1 CT (GAS) | 205 | 8,160 | 5.4 | - | 82.9 | 8,252 | GAS | 65,510 | 1,027,935 | 67,340.0 | 369,459 | 4.53 | 5.64 |
| 26. POLK #1 TOTAL | 220 | 8,160 | 5.0 | 93.5 | 82.9 | 8,252 | - | - | - | 67,340.0 | 369,459 | 4.53 | - |
| 27. POLK #2 ST DUCT FIRING | 120 | 1,950 | 2.2 | - | 77.4 | 8,159 | GAS | 15,480 | 1,027,778 | 15,910.0 | 87,303 | 4.48 | 5.64 |
| 28. POLK #2 ST W/O DUCT FIRING | 360 | 605,550 | - | - | - | - | GAS | 3,970,410 | 1,028,000 | 4,081,580.0 | 22,392,080 | 3.70 | 5.64 |
| 29. POLK #2 ST TOTAL | 480 | 607,500 | 170.1 | - | 167.6 | 6,745 | GAS | - | - | 4,097,490.0 | 22,479,383 | 3.70 | - |
| 30. POLK #2 CT (GAS) | 180 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 1 | 0.00 | 0.00 |
| 31. POLK #2 CT (OIL) | 187 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 32. POLK #2 TOTAL | ⁽⁴⁾ 180 | 0 | 0.0 | - | 0.0 | 0 | - | - | - | 0.0 | 1 | 0.00 | - |
| 33. POLK #3 CT (GAS) | 180 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 34. POLK #3 CT (OIL) | 187 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 35. POLK #3 TOTAL | ⁽⁴⁾ 180 | 0 | 0.0 | - | 0.0 | 0 | - | - | - | 0.0 | 0 | 0.00 | - |
| 36. POLK #4 CT (GAS) | ⁽⁴⁾ 180 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 37. POLK #5 CT (GAS) | ⁽⁴⁾ 180 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 38. POLK #2 CC TOTAL | 1,200 | 607,500 | 68.0 | 93.2 | 167.6 | 6,745 | - | - | - | 4,097,490.0 | 22,479,384 | 3.70 | - |
| 39. POLK STATION TOTAL | 1,420 | 615,660 | 58.3 | 93.2 | 162.6 | 6,765 | - | - | - | 4,164,830.0 | 22,848,843 | 3.71 | - |
| 40. BAYSIDE #1 | 792 | 393,690 | 66.8 | 96.4 | 69.2 | 7,254 | GAS | 2,778,100 | 1,027,998 | 2,855,880.0 | 15,667,762 | 3.98 | 5.64 |
| 41. BAYSIDE #2 | 1,047 | 194,160 | 24.9 | 96.8 | 32.9 | 7,862 | GAS | 1,484,880 | 1,027,996 | 1,526,450.0 | 8,374,337 | 4.31 | 5.64 |
| 42. BAYSIDE #3 | 61 | 220 | 0.5 | 98.6 | 90.2 | 12,227 | GAS | 2,610 | 1,030,651 | 2,690.0 | 14,720 | 6.69 | 5.64 |
| 43. BAYSIDE #4 | 61 | 120 | 0.3 | 98.6 | 98.4 | 12,083 | GAS | 1,420 | 1,021,127 | 1,450.0 | 8,008 | 6.67 | 5.64 |
| 44. BAYSIDE #5 | 61 | 320 | 0.7 | 98.6 | 87.4 | 12,313 | GAS | 3,830 | 1,028,721 | 3,940.0 | 21,600 | 6.75 | 5.64 |
| 45. BAYSIDE #6 | 61 | 230 | 0.5 | 98.6 | 94.3 | 11,913 | GAS | 2,660 | 1,030,075 | 2,740.0 | 15,002 | 6.52 | 5.64 |
| 46. BAYSIDE TOTAL | 2,083 | 588,740 | 38.0 | 96.8 | 50.7 | 7,462 | GAS | 4,273,500 | 1,027,998 | 4,393,150.0 | 24,101,429 | 4.09 | 5.64 |
| 47. SYSTEM | 5,454 | 1,507,250 | 37.1 | 85.2 | 84.5 | 7,369 | - | - | - | 11,107,300.0 | 55,450,306 | 3.68 | - |

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition
⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

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TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: FEBRUARY 2019

| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) | (J) | (K) | (L) | (M) | (N) |
|--------------------------------|----------------------|----------------------|-------------------------|--------------------------|-----------------------|------------------------------|-----------|---------------------|----------------------------|-------------------------------------|---|-------------------------------|------------------------|
| PLANT/UNIT | NET CAPABILITY (MW) | NET GENERATION (MWH) | NET CAPACITY FACTOR (%) | EQUIV. AVAIL. FACTOR (%) | NET OUTPUT FACTOR (%) | AVG. NET HEAT RATE (BTU/KWH) | FUEL TYPE | FUEL BURNED (UNITS) | FUEL HEAT VALUE (BTU/UNIT) | FUEL BURNED (MM BTU) ⁽²⁾ | AS BURNED FUEL COST (\$) ⁽¹⁾ | FUEL COST PER KWH (cents/KWH) | COST OF FUEL (\$/UNIT) |
| 1. TIA SOLAR | 1.6 | 220 | 20.5 | - | 20.5 | - | SOLAR | - | - | - | - | - | - |
| 2. BIG BEND SOLAR | 19.4 | 2,780 | 21.3 | - | 21.3 | - | SOLAR | - | - | - | - | - | - |
| 3. LEGOLAND SOLAR | 1.5 | 170 | 16.9 | - | 16.9 | - | SOLAR | - | - | - | - | - | - |
| 4. FUTURE SOLAR | 405.0 | 67,230 | 24.7 | - | 24.7 | - | SOLAR | - | - | - | - | - | - |
| 5. TOTAL SOLAR | ⁽³⁾ 427.5 | 70,400 | 24.5 | - | 24.5 | - | SOLAR | - | - | - | - | - | - |
| 6. B.B.#1 (GAS) | 315 | 0 | 0.0 | - | - | - | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 7. B.B.#1 (COAL) | 0 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 8. TOTAL BIG BEND #1 | 315 | 0 | 0.0 | 68.8 | 0.0 | 0 | - | - | - | 0.0 | 0 | 0.00 | - |
| 9. B.B.#2 (GAS) | 350 | 0 | 0.0 | - | - | - | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 10. B.B.#2 (COAL) | 0 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 11. TOTAL BIG BEND #2 | 350 | 0 | 0.0 | 71.8 | 0.0 | 0 | - | - | - | 0.0 | 0 | 0.00 | - |
| 12. B.B.#3 (GAS) | 355 | 5,820 | 2.4 | - | - | - | GAS | 67,230 | 1,027,964 | 69,110.0 | 373,138 | 6.41 | 5.55 |
| 13. B.B.#3 (COAL) | 400 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 14. TOTAL BIG BEND #3 | 355 | 5,820 | 2.4 | 91.3 | 34.2 | 11,875 | - | - | - | 69,110.0 | 373,138 | 6.41 | - |
| 15. B.B.#4 (GAS) | 195 | 9,790 | 7.5 | - | - | - | GAS | 99,380 | 1,028,074 | 102,170.0 | 551,577 | 5.63 | 5.55 |
| 16. B.B.#4 (COAL) | 442 | 186,040 | 62.6 | - | - | - | COAL | 86,270 | 22,500,985 | 1,941,160.0 | 5,743,558 | 3.09 | 66.58 |
| 17. TOTAL BIG BEND #4 | 442 | 195,830 | 65.9 | 77.3 | 77.6 | 10,434 | - | - | - | 2,043,330.0 | 6,295,135 | 3.21 | - |
| 18. B.B. IGNITION | - | - | - | - | - | - | GAS | 8,350 | - | 8,580.0 | 46,344 | - | 5.55 |
| 19. BIG BEND 1-4 COAL TOTAL | 842 | 186,040 | 32.9 | - | - | 10,434 | COAL | 86,270 | 22,500,985 | 1,941,160.0 | 5,743,558 | 3.09 | 66.58 |
| 20. B.B.C.T.#4 (OIL) | 0 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 21. B.B.C.T.#4 (GAS) | 61 | 460 | 1.1 | - | 83.8 | 12,217 | GAS | 5,480 | 1,025,547 | 5,620.0 | 30,415 | 6.61 | 5.55 |
| 22. B.B.C.T.#4 TOTAL | 61 | 460 | 1.1 | 98.2 | 83.8 | 12,217 | - | - | - | 5,620.0 | 30,415 | 6.61 | - |
| 23. BIG BEND STATION TOTAL | 1,523 | 202,110 | 19.7 | 78.4 | 74.9 | 10,480 | - | - | - | 2,118,060.0 | 6,745,032 | 3.34 | - |
| 24. POLK #1 GASIFIER | 220 | 0 | 0.0 | - | 0.0 | 0 | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 25. POLK #1 CT (GAS) | 205 | 17,200 | 12.5 | - | 90.2 | 8,155 | GAS | 136,440 | 1,028,071 | 140,270.0 | 757,266 | 4.40 | 5.55 |
| 26. POLK #1 TOTAL | 220 | 17,200 | 11.6 | 93.5 | 90.2 | 8,155 | - | - | - | 140,270.0 | 757,266 | 4.40 | - |
| 27. POLK #2 ST DUCT FIRING | 120 | 8,120 | 10.1 | - | 70.5 | 8,176 | GAS | 64,590 | 1,027,868 | 66,390.0 | 358,486 | 4.41 | 5.55 |
| 28. POLK #2 ST W/O DUCT FIRING | 360 | 577,190 | - | - | - | - | GAS | 3,792,880 | 1,028,000 | 3,899,080.0 | 21,051,158 | 3.65 | 5.55 |
| 29. POLK #2 ST TOTAL | 480 | 585,310 | 181.5 | - | 160.7 | 6,775 | GAS | - | - | 3,965,470.0 | 21,409,644 | 3.66 | - |
| 30. POLK #2 CT (GAS) | 180 | 1,160 | 1.0 | - | 80.6 | 11,440 | GAS | 12,920 | 1,027,090 | 13,270.0 | 71,709 | 6.18 | 5.55 |
| 31. POLK #2 CT (OIL) | 187 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 32. POLK #2 TOTAL | ⁽⁴⁾ 180 | 1,160 | 1.0 | - | 80.6 | 11,440 | - | - | - | 13,270.0 | 71,709 | 6.18 | - |
| 33. POLK #3 CT (GAS) | 180 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 34. POLK #3 CT (OIL) | 187 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 35. POLK #3 TOTAL | ⁽⁴⁾ 180 | 0 | 0.0 | - | 0.0 | 0 | - | - | - | 0.0 | 0 | 0.00 | - |
| 36. POLK #4 CT (GAS) | ⁽⁴⁾ 180 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 37. POLK #5 CT (GAS) | ⁽⁴⁾ 180 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 38. POLK #2 CC TOTAL | 1,200 | 586,470 | 72.7 | 93.2 | 159.8 | 6,784 | - | - | - | 3,978,740.0 | 21,481,353 | 3.66 | - |
| 39. POLK STATION TOTAL | 1,420 | 603,670 | 63.3 | 93.2 | 152.3 | 6,823 | - | - | - | 4,119,010.0 | 22,238,619 | 3.68 | - |
| 40. BAYSIDE #1 | 792 | 342,040 | 64.3 | 86.0 | 74.5 | 7,235 | GAS | 2,407,200 | 1,027,999 | 2,474,600.0 | 13,360,389 | 3.91 | 5.55 |
| 41. BAYSIDE #2 | 1,047 | 95,550 | 13.6 | 96.8 | 43.7 | 7,631 | GAS | 709,310 | 1,028,013 | 729,180.0 | 3,936,796 | 4.12 | 5.55 |
| 42. BAYSIDE #3 | 61 | 210 | 0.5 | 98.6 | 86.1 | 12,571 | GAS | 2,570 | 1,027,237 | 2,640.0 | 14,264 | 6.79 | 5.55 |
| 43. BAYSIDE #4 | 61 | 100 | 0.2 | 98.6 | 82.0 | 12,900 | GAS | 1,260 | 1,023,810 | 1,290.0 | 6,993 | 6.99 | 5.55 |
| 44. BAYSIDE #5 | 61 | 250 | 0.6 | 98.6 | 82.0 | 12,320 | GAS | 3,000 | 1,026,667 | 3,080.0 | 16,651 | 6.66 | 5.55 |
| 45. BAYSIDE #6 | 61 | 210 | 0.5 | 98.6 | 86.1 | 12,333 | GAS | 2,510 | 1,031,873 | 2,590.0 | 13,931 | 6.63 | 5.55 |
| 46. BAYSIDE TOTAL | 2,083 | 438,360 | 31.3 | 92.9 | 64.6 | 7,330 | GAS | 3,125,850 | 1,028,002 | 3,213,380.0 | 17,349,024 | 3.96 | 5.55 |
| 47. SYSTEM | 5,454 | 1,314,540 | 35.9 | 81.6 | 107.6 | 7,189 | - | - | - | 9,450,450.0 | 46,332,675 | 3.52 | - |

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition
⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: MARCH 2019

| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) | (J) | (K) | (L) | (M) | (N) |
|--------------------------------|----------------------|----------------------|-------------------------|--------------------------|-----------------------|------------------------------|-----------|---------------------|----------------------------|-------------------------------------|---|-------------------------------|------------------------|
| PLANT/UNIT | NET CAPABILITY (MW) | NET GENERATION (MWH) | NET CAPACITY FACTOR (%) | EQUIV. AVAIL. FACTOR (%) | NET OUTPUT FACTOR (%) | AVG. NET HEAT RATE (BTU/KWH) | FUEL TYPE | FUEL BURNED (UNITS) | FUEL HEAT VALUE (BTU/UNIT) | FUEL BURNED (MM BTU) ⁽²⁾ | AS BURNED FUEL COST (\$) ⁽¹⁾ | FUEL COST PER KWH (cents/KWH) | COST OF FUEL (\$/UNIT) |
| 1. TIA SOLAR | 1.6 | 280 | 23.5 | - | 23.5 | - | SOLAR | - | - | - | - | - | - |
| 2. BIG BEND SOLAR | 19.4 | 3,840 | 26.6 | - | 26.6 | - | SOLAR | - | - | - | - | - | - |
| 3. LEGOLAND SOLAR | 1.5 | 230 | 20.6 | - | 20.6 | - | SOLAR | - | - | - | - | - | - |
| 4. FUTURE SOLAR | 405.0 | 96,330 | 32.0 | - | 32.0 | - | SOLAR | - | - | - | - | - | - |
| 5. TOTAL SOLAR | ⁽³⁾ 427.5 | 100,680 | 31.7 | - | 31.7 | - | SOLAR | - | - | - | - | - | - |
| 6. B.B.#1 (GAS) | 315 | 14,030 | 6.0 | - | - | - | GAS | 166,190 | 1,027,980 | 170,840.0 | 886,480 | 6.32 | 5.33 |
| 7. B.B.#1 (COAL) | 0 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 8. TOTAL BIG BEND #1 | 315 | 14,030 | 6.0 | 65.0 | 56.4 | 12,177 | - | - | - | 170,840.0 | 886,480 | 6.32 | - |
| 9. B.B.#2 (GAS) | 350 | 13,340 | 5.1 | - | - | - | GAS | 152,120 | 1,028,004 | 156,380.0 | 811,429 | 6.08 | 5.33 |
| 10. B.B.#2 (COAL) | 0 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 11. TOTAL BIG BEND #2 | 350 | 13,340 | 5.1 | 62.1 | 48.9 | 11,723 | - | - | - | 156,380.0 | 811,429 | 6.08 | - |
| 12. B.B.#3 (GAS) | 355 | 18,790 | 7.1 | - | - | - | GAS | 215,780 | 1,027,991 | 221,820.0 | 1,151,000 | 6.13 | 5.33 |
| 13. B.B.#3 (COAL) | 400 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 14. TOTAL BIG BEND #3 | 400 | 18,790 | 6.3 | 91.3 | 31.3 | 11,805 | - | - | - | 221,820.0 | 1,151,000 | 6.13 | - |
| 15. B.B.#4 (GAS) | 195 | 10,830 | 7.5 | - | - | - | GAS | 109,970 | 1,028,099 | 113,060.0 | 586,595 | 5.42 | 5.33 |
| 16. B.B.#4 (COAL) | 442 | 205,860 | 62.6 | - | - | - | COAL | 95,470 | 22,499,948 | 2,148,070.0 | 6,388,903 | 3.10 | 66.92 |
| 17. TOTAL BIG BEND #4 | 442 | 216,690 | 65.9 | 77.3 | 77.6 | 10,435 | - | - | - | 2,261,130.0 | 6,975,498 | 3.22 | - |
| 18. B.B. IGNITION | - | - | - | - | - | - | GAS | 23,380 | - | 24,030.0 | 124,712 | - | 5.33 |
| 19. BIG BEND 1-4 COAL TOTAL | 842 | 205,860 | 32.9 | - | - | 10,435 | COAL | 95,470 | 22,499,948 | 2,148,070.0 | 6,388,903 | 3.10 | 66.92 |
| 20. B.B.C.T.#4 (OIL) | 0 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 21. B.B.C.T.#4 (GAS) | 61 | 1,130 | 2.5 | - | 92.6 | 11,655 | GAS | 12,810 | 1,028,103 | 13,170.0 | 68,330 | 6.05 | 5.33 |
| 22. B.B.C.T.#4 TOTAL | 61 | 1,130 | 2.5 | 98.2 | 92.6 | 11,655 | - | - | - | 13,170.0 | 68,330 | 6.05 | - |
| 23. BIG BEND STATION TOTAL | 1,568 | 263,980 | 22.6 | 75.8 | 67.2 | 10,695 | - | - | - | 2,823,340.0 | 10,017,450 | 3.79 | - |
| 24. POLK #1 GASIFIER | 220 | 0 | 0.0 | - | 0.0 | 0 | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 25. POLK #1 CT (GAS) | 205 | 20,990 | 13.8 | - | 84.6 | 8,211 | GAS | 167,650 | 1,028,035 | 172,350.0 | 894,268 | 4.26 | 5.33 |
| 26. POLK #1 TOTAL | 220 | 20,990 | 12.8 | 93.5 | 84.6 | 8,211 | - | - | - | 172,350.0 | 894,268 | 4.26 | - |
| 27. POLK #2 ST DUCT FIRING | 120 | 11,580 | 13.0 | - | 83.9 | 8,172 | GAS | 92,040 | 1,028,140 | 94,630.0 | 490,954 | 4.24 | 5.33 |
| 28. POLK #2 ST W/O DUCT FIRING | 360 | 637,010 | - | - | - | - | GAS | 4,183,830 | 1,027,998 | 4,300,970.0 | 22,317,126 | 3.50 | 5.33 |
| 29. POLK #2 ST TOTAL | 480 | 648,590 | 181.6 | - | 159.2 | 6,777 | GAS | - | - | 4,395,600.0 | 22,808,080 | 3.52 | - |
| 30. POLK #2 CT (GAS) | 180 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 31. POLK #2 CT (OIL) | 187 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 32. POLK #2 TOTAL | ⁽⁴⁾ 180 | 0 | 0.0 | - | 0.0 | 0 | - | - | - | 0.0 | 0 | 0.00 | - |
| 33. POLK #3 CT (GAS) | 180 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 34. POLK #3 CT (OIL) | 187 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 35. POLK #3 TOTAL | ⁽⁴⁾ 180 | 0 | 0.0 | - | 0.0 | 0 | - | - | - | 0.0 | 0 | 0.00 | - |
| 36. POLK #4 CT (GAS) | ⁽⁴⁾ 180 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 37. POLK #5 CT (GAS) | ⁽⁴⁾ 180 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 38. POLK #2 CC TOTAL | 1,200 | 648,590 | 72.6 | 93.2 | 159.2 | 6,777 | - | - | - | 4,395,600.0 | 22,808,080 | 3.52 | - |
| 39. POLK STATION TOTAL | 1,420 | 669,580 | 63.4 | 93.2 | 149.9 | 6,822 | - | - | - | 4,567,950.0 | 23,702,348 | 3.54 | - |
| 40. BAYSIDE #1 | 792 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 41. BAYSIDE #2 | 1,047 | 409,210 | 52.5 | 59.3 | 54.4 | 7,496 | GAS | 2,983,870 | 1,028,001 | 3,067,420.0 | 15,916,374 | 3.89 | 5.33 |
| 42. BAYSIDE #3 | 61 | 240 | 0.5 | 79.5 | 98.4 | 12,000 | GAS | 2,800 | 1,028,571 | 2,880.0 | 14,936 | 6.22 | 5.33 |
| 43. BAYSIDE #4 | 61 | 290 | 0.6 | 89.1 | 95.1 | 11,759 | GAS | 3,310 | 1,030,211 | 3,410.0 | 17,656 | 6.09 | 5.33 |
| 44. BAYSIDE #5 | 61 | 640 | 1.4 | 98.6 | 95.4 | 11,594 | GAS | 7,220 | 1,027,701 | 7,420.0 | 38,512 | 6.02 | 5.33 |
| 45. BAYSIDE #6 | 61 | 520 | 1.1 | 98.6 | 94.7 | 11,769 | GAS | 5,950 | 1,028,571 | 6,120.0 | 31,738 | 6.10 | 5.33 |
| 46. BAYSIDE TOTAL | 2,083 | 410,900 | 26.5 | 40.5 | 54.5 | 7,513 | GAS | 3,003,150 | 1,028,004 | 3,087,250.0 | 16,019,216 | 3.90 | 5.33 |
| 47. SYSTEM | 5,499 | 1,445,140 | 35.3 | 61.0 | 99.5 | 7,251 | - | - | - | 10,478,540.0 | 49,739,014 | 3.44 | - |

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition
⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: APRIL 2019

| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) | (J) | (K) | (L) | (M) | (N) |
|--------------------------------|----------------------|----------------------|-------------------------|--------------------------|-----------------------|------------------------------|-----------|---------------------|----------------------------|-------------------------------------|---|-------------------------------|------------------------|
| PLANT/UNIT | NET CAPABILITY (MW) | NET GENERATION (MWH) | NET CAPACITY FACTOR (%) | EQUIV. AVAIL. FACTOR (%) | NET OUTPUT FACTOR (%) | AVG. NET HEAT RATE (BTU/KWH) | FUEL TYPE | FUEL BURNED (UNITS) | FUEL HEAT VALUE (BTU/UNIT) | FUEL BURNED (MM BTU) ⁽²⁾ | AS BURNED FUEL COST (\$) ⁽¹⁾ | FUEL COST PER KWH (cents/KWH) | COST OF FUEL (\$/UNIT) |
| 1. TIA SOLAR | 1.6 | 270 | 23.4 | - | 23.4 | - | SOLAR | - | - | - | - | - | - |
| 2. BIG BEND SOLAR | 19.4 | 4,290 | 30.7 | - | 30.7 | - | SOLAR | - | - | - | - | - | - |
| 3. LEGOLAND SOLAR | 1.5 | 280 | 25.9 | - | 25.9 | - | SOLAR | - | - | - | - | - | - |
| 4. FUTURE SOLAR | 405.0 | 102,860 | 35.3 | - | 35.3 | - | SOLAR | - | - | - | - | - | - |
| 5. TOTAL SOLAR | ⁽³⁾ 427.5 | 107,700 | 35.0 | - | 35.0 | - | SOLAR | - | - | - | - | - | - |
| 6. B.B.#1 (GAS) | 305 | 0 | 0.0 | - | - | - | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 7. B.B.#1 (COAL) | 0 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 8. TOTAL BIG BEND #1 | 305 | 0 | 0.0 | 87.6 | 0.0 | 0 | - | - | - | 0.0 | 0 | 0.00 | - |
| 9. B.B.#2 (GAS) | 340 | 71,760 | 29.3 | - | - | - | GAS | 808,170 | 1,028,002 | 830,800.0 | 3,295,150 | 4.59 | 4.08 |
| 10. B.B.#2 (COAL) | 0 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 11. TOTAL BIG BEND #2 | 340 | 71,760 | 29.3 | 87.4 | 53.8 | 11,577 | - | - | - | 830,800.0 | 3,295,150 | 4.59 | - |
| 12. B.B.#3 (GAS) | 345 | 80,960 | 32.6 | - | - | - | GAS | 889,660 | 1,027,999 | 914,570.0 | 3,627,409 | 4.48 | 4.08 |
| 13. B.B.#3 (COAL) | 395 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 14. TOTAL BIG BEND #3 | 345 | 80,960 | 32.6 | 91.3 | 47.8 | 11,297 | - | - | - | 914,570.0 | 3,627,409 | 4.48 | - |
| 15. B.B.#4 (GAS) | 185 | 3,810 | 2.9 | - | - | - | GAS | 41,600 | 1,028,125 | 42,770.0 | 169,616 | 4.45 | 4.08 |
| 16. B.B.#4 (COAL) | 437 | 72,450 | 23.0 | - | - | - | COAL | 36,110 | 22,501,800 | 812,540.0 | 2,443,106 | 3.37 | 67.66 |
| 17. TOTAL BIG BEND #4 | 437 | 76,260 | 24.2 | 38.6 | 57.0 | 11,216 | - | - | - | 855,310.0 | 2,612,722 | 3.43 | - |
| 18. B.B. IGNITION | - | - | - | - | - | - | GAS | 26,720 | - | 27,470.0 | 108,945 | - | 4.08 |
| 19. BIG BEND 1-4 COAL TOTAL | 832 | 72,450 | 12.1 | - | - | 11,215 | COAL | 36,110 | 22,501,800 | 812,540.0 | 2,443,106 | 3.37 | 67.66 |
| 20. B.B.C.T.#4 (OIL) | 0 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 21. B.B.C.T.#4 (GAS) | 56 | 1,140 | 2.8 | - | 92.5 | 12,105 | GAS | 13,420 | 1,028,316 | 13,800.0 | 54,717 | 4.80 | 4.08 |
| 22. B.B.C.T.#4 TOTAL | 56 | 1,140 | 2.8 | 78.6 | 92.5 | 12,105 | - | - | - | 13,800.0 | 54,717 | 4.80 | - |
| 23. BIG BEND STATION TOTAL | 1,483 | 230,120 | 21.6 | 73.6 | 52.6 | 11,361 | - | - | - | 2,614,480.0 | 9,698,942 | 4.21 | - |
| 24. POLK #1 GASIFIER | 220 | 0 | 0.0 | - | 0.0 | 0 | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 25. POLK #1 CT (GAS) | 195 | 61,660 | 43.9 | - | 90.6 | 8,184 | GAS | 490,880 | 1,028,011 | 504,630.0 | 2,001,464 | 3.25 | 4.08 |
| 26. POLK #1 TOTAL | 220 | 61,660 | 38.9 | 62.3 | 90.6 | 8,184 | - | - | - | 504,630.0 | 2,001,464 | 3.25 | - |
| 27. POLK #2 ST DUCT FIRING | 120 | 7,090 | 8.2 | - | 73.9 | 8,269 | GAS | 57,030 | 1,028,055 | 58,630.0 | 232,528 | 3.28 | 4.08 |
| 28. POLK #2 ST W/O DUCT FIRING | 341 | 271,300 | - | - | - | - | GAS | 1,774,680 | 1,027,999 | 1,824,370.0 | 7,235,898 | 2.67 | 4.08 |
| 29. POLK #2 ST TOTAL | 461 | 278,390 | 83.9 | - | 131.6 | 6,764 | GAS | - | - | 1,883,000.0 | 7,468,426 | 2.68 | - |
| 30. POLK #2 CT (GAS) | 150 | 2,400 | 2.2 | - | 100.0 | 11,288 | GAS | 26,350 | 1,028,083 | 27,090.0 | 107,437 | 4.48 | 4.08 |
| 31. POLK #2 CT (OIL) | 159 | 300 | 0.3 | - | 94.3 | 10,767 | LGT OIL | 560 | 5,767,857 | 3,230.0 | 71,391 | 23.80 | 127.48 |
| 32. POLK #2 TOTAL | ⁽⁴⁾ 150 | 2,700 | 2.5 | - | 99.3 | 11,230 | - | - | - | 30,320.0 | 178,828 | 6.62 | - |
| 33. POLK #3 CT (GAS) | 150 | 2,400 | 2.2 | - | 100.0 | 11,288 | GAS | 26,350 | 1,028,083 | 27,090.0 | 107,437 | 4.48 | 4.08 |
| 34. POLK #3 CT (OIL) | 159 | 300 | 0.3 | - | 94.3 | 10,767 | LGT OIL | 560 | 5,767,857 | 3,230.0 | 71,390 | 23.80 | 127.48 |
| 35. POLK #3 TOTAL | ⁽⁴⁾ 150 | 2,700 | 2.5 | - | 99.3 | 11,230 | - | - | - | 30,320.0 | 178,827 | 6.62 | - |
| 36. POLK #4 CT (GAS) | ⁽⁴⁾ 150 | 3,450 | 3.2 | - | 100.0 | 11,307 | GAS | 37,950 | 1,027,931 | 39,010.0 | 154,733 | 4.49 | 4.08 |
| 37. POLK #5 CT (GAS) | ⁽⁴⁾ 150 | 2,700 | 2.5 | - | 100.0 | 11,311 | GAS | 29,700 | 1,028,283 | 30,540.0 | 121,096 | 4.49 | 4.08 |
| 38. POLK #2 CC TOTAL | 1,061 | 289,940 | 38.0 | 60.7 | 127.0 | 6,943 | - | - | - | 2,013,190.0 | 8,101,910 | 2.79 | - |
| 39. POLK STATION TOTAL | 1,281 | 351,600 | 38.1 | 61.0 | 112.6 | 7,161 | - | - | - | 2,517,820.0 | 10,103,374 | 2.87 | - |
| 40. BAYSIDE #1 | 701 | 383,460 | 76.0 | 89.9 | 86.3 | 7,303 | GAS | 2,724,140 | 1,027,998 | 2,800,410.0 | 11,107,129 | 2.90 | 4.08 |
| 41. BAYSIDE #2 | 929 | 469,570 | 70.2 | 96.8 | 72.5 | 7,433 | GAS | 3,395,200 | 1,027,998 | 3,490,260.0 | 13,843,241 | 2.95 | 4.08 |
| 42. BAYSIDE #3 | 56 | 980 | 2.4 | 98.6 | 97.2 | 11,929 | GAS | 11,370 | 1,028,144 | 11,690.0 | 46,359 | 4.73 | 4.08 |
| 43. BAYSIDE #4 | 56 | 320 | 0.8 | 88.7 | 95.2 | 12,406 | GAS | 3,860 | 1,028,497 | 3,970.0 | 15,738 | 4.92 | 4.08 |
| 44. BAYSIDE #5 | 56 | 1,190 | 3.0 | 78.9 | 96.6 | 11,849 | GAS | 13,720 | 1,027,697 | 14,100.0 | 55,941 | 4.70 | 4.08 |
| 45. BAYSIDE #6 | 56 | 1,140 | 2.8 | 78.9 | 96.9 | 11,877 | GAS | 13,170 | 1,028,094 | 13,540.0 | 53,698 | 4.71 | 4.08 |
| 46. BAYSIDE TOTAL | 1,854 | 856,660 | 64.2 | 92.9 | 78.2 | 7,394 | GAS | 6,161,460 | 1,027,998 | 6,333,970.0 | 25,122,106 | 2.93 | 4.08 |
| 47. SYSTEM | 5,046 | 1,546,080 | 42.6 | 71.3 | 87.8 | 7,416 | - | - | - | 11,466,270.0 | 44,924,422 | 2.91 | - |

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition
⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: MAY 2019

| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) | (J) | (K) | (L) | (M) | (N) |
|--------------------------------|----------------------|----------------------|-------------------------|--------------------------|-----------------------|------------------------------|-----------|---------------------|----------------------------|-------------------------------------|---|-------------------------------|------------------------|
| PLANT/UNIT | NET CAPABILITY (MW) | NET GENERATION (MWH) | NET CAPACITY FACTOR (%) | EQUIV. AVAIL. FACTOR (%) | NET OUTPUT FACTOR (%) | AVG. NET HEAT RATE (BTU/KWH) | FUEL TYPE | FUEL BURNED (UNITS) | FUEL HEAT VALUE (BTU/UNIT) | FUEL BURNED (MM BTU) ⁽²⁾ | AS BURNED FUEL COST (\$) ⁽¹⁾ | FUEL COST PER KWH (cents/KWH) | COST OF FUEL (\$/UNIT) |
| 1. TIA SOLAR | 1.6 | 290 | 24.4 | - | 24.4 | - | SOLAR | - | - | - | - | - | - |
| 2. BIG BEND SOLAR | 19.4 | 4,540 | 31.5 | - | 31.5 | - | SOLAR | - | - | - | - | - | - |
| 3. LEGOLAND SOLAR | 1.5 | 290 | 26.0 | - | 26.0 | - | SOLAR | - | - | - | - | - | - |
| 4. FUTURE SOLAR | 405.0 | 107,880 | 35.8 | - | 35.8 | - | SOLAR | - | - | - | - | - | - |
| 5. TOTAL SOLAR | ⁽³⁾ 427.5 | 113,000 | 35.5 | - | 35.5 | - | SOLAR | - | - | - | - | - | - |
| 6. B.B.#1 (GAS) | 305 | 9,500 | 4.2 | - | - | - | GAS | 114,490 | 1,027,950 | 117,690.0 | 450,875 | 4.75 | 3.94 |
| 7. B.B.#1 (COAL) | 0 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 8. TOTAL BIG BEND #1 | 305 | 9,500 | 4.2 | 87.6 | 57.7 | 12,388 | - | - | - | 117,690.0 | 450,875 | 4.75 | - |
| 9. B.B.#2 (GAS) | 340 | 56,080 | 22.2 | - | - | - | GAS | 697,830 | 1,028,001 | 717,370.0 | 2,748,136 | 4.90 | 3.94 |
| 10. B.B.#2 (COAL) | 0 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 11. TOTAL BIG BEND #2 | 340 | 56,080 | 22.2 | 87.4 | 37.7 | 12,792 | - | - | - | 717,370.0 | 2,748,136 | 4.90 | - |
| 12. B.B.#3 (GAS) | 345 | 5,630 | 2.2 | - | - | - | GAS | 65,910 | 1,028,069 | 67,760.0 | 259,561 | 4.61 | 3.94 |
| 13. B.B.#3 (COAL) | 395 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 14. TOTAL BIG BEND #3 | 395 | 5,630 | 1.9 | 47.1 | 29.7 | 12,036 | - | - | - | 67,760.0 | 259,561 | 4.61 | - |
| 15. B.B.#4 (GAS) | 185 | 6,820 | 5.0 | - | - | - | GAS | 77,180 | 1,027,987 | 79,340.0 | 303,944 | 4.46 | 3.94 |
| 16. B.B.#4 (COAL) | 437 | 129,550 | 39.8 | - | - | - | COAL | 67,000 | 22,499,403 | 1,507,460.0 | 4,540,414 | 3.50 | 67.77 |
| 17. TOTAL BIG BEND #4 | 437 | 136,370 | 41.9 | 77.3 | 49.4 | 11,636 | - | - | - | 1,586,800.0 | 4,844,358 | 3.55 | - |
| 18. B.B. IGNITION | - | - | - | - | - | - | GAS | 12,520 | - | - | 12,870.0 | 49,305 | 3.94 |
| 19. BIG BEND 1-4 COAL TOTAL | 832 | 129,550 | 20.9 | - | - | 11,636 | COAL | 67,000 | 22,499,403 | 1,507,460.0 | 4,540,414 | 3.50 | 67.77 |
| 20. B.B.C.T.#4 (OIL) | 0 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 21. B.B.C.T.#4 (GAS) | 56 | 1,700 | 4.1 | - | 89.3 | 12,112 | GAS | 20,030 | 1,027,958 | 20,590.0 | 78,880 | 4.64 | 3.94 |
| 22. B.B.C.T.#4 TOTAL | 56 | 1,700 | 4.1 | 98.2 | 89.3 | 12,112 | - | - | - | 20,590.0 | 78,880 | 4.64 | - |
| 23. BIG BEND STATION TOTAL | 1,533 | 209,280 | 18.3 | 74.6 | 45.3 | 11,995 | - | - | - | 2,510,210.0 | 8,431,115 | 4.03 | - |
| 24. POLK #1 GASIFIER | 220 | 0 | 0.0 | - | 0.0 | 0 | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 25. POLK #1 CT (GAS) | 195 | 29,810 | 20.5 | - | 86.4 | 8,250 | GAS | 239,220 | 1,028,008 | 245,920.0 | 942,076 | 3.16 | 3.94 |
| 26. POLK #1 TOTAL | 220 | 29,810 | 18.2 | 93.5 | 86.4 | 8,250 | - | - | - | 245,920.0 | 942,076 | 3.16 | - |
| 27. POLK #2 ST DUCT FIRING | 120 | 16,080 | 18.0 | - | 78.4 | 8,275 | GAS | 129,450 | 1,027,964 | 133,070.0 | 509,789 | 3.17 | 3.94 |
| 28. POLK #2 ST W/O DUCT FIRING | 341 | 624,470 | - | - | - | - | GAS | 4,096,640 | 1,027,999 | 4,211,340.0 | 16,133,043 | 2.58 | 3.94 |
| 29. POLK #2 ST TOTAL | 461 | 640,550 | 186.8 | - | 153.5 | 6,782 | GAS | - | - | 4,344,410.0 | 16,642,832 | 2.60 | - |
| 30. POLK #2 CT (GAS) | 150 | 450 | 0.4 | - | 100.0 | 11,378 | GAS | 4,990 | 1,026,052 | 5,120.0 | 19,651 | 4.37 | 3.94 |
| 31. POLK #2 CT (OIL) | 159 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 32. POLK #2 TOTAL | ⁽⁴⁾ 150 | 450 | 0.4 | - | 100.0 | 11,378 | - | - | - | 5,120.0 | 19,651 | 4.37 | - |
| 33. POLK #3 CT (GAS) | 150 | 300 | 0.3 | - | 100.0 | 11,233 | GAS | 3,280 | 1,027,439 | 3,370.0 | 12,917 | 4.31 | 3.94 |
| 34. POLK #3 CT (OIL) | 159 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 35. POLK #3 TOTAL | ⁽⁴⁾ 150 | 300 | 0.3 | - | 100.0 | 11,233 | - | - | - | 3,370.0 | 12,917 | 4.31 | - |
| 36. POLK #4 CT (GAS) | ⁽⁴⁾ 150 | 150 | 0.1 | - | 100.0 | 11,800 | GAS | 1,730 | 1,023,121 | 1,770.0 | 6,813 | 4.54 | 3.94 |
| 37. POLK #5 CT (GAS) | ⁽⁴⁾ 150 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 38. POLK #2 CC TOTAL | 1,061 | 641,450 | 81.3 | 95.9 | 153.2 | 6,789 | - | - | - | 4,354,670.0 | 16,682,213 | 2.60 | - |
| 39. POLK STATION TOTAL | 1,281 | 671,260 | 70.4 | 95.5 | 142.3 | 6,854 | - | - | - | 4,600,590.0 | 17,624,289 | 2.63 | - |
| 40. BAYSIDE #1 | 701 | 391,240 | 75.0 | 96.4 | 81.1 | 7,326 | GAS | 2,788,020 | 1,027,998 | 2,866,080.0 | 10,979,546 | 2.81 | 3.94 |
| 41. BAYSIDE #2 | 929 | 403,860 | 58.4 | 96.8 | 60.9 | 7,535 | GAS | 2,960,400 | 1,027,996 | 3,043,280.0 | 11,658,398 | 2.89 | 3.94 |
| 42. BAYSIDE #3 | 56 | 840 | 2.0 | 98.6 | 93.8 | 11,940 | GAS | 9,760 | 1,027,664 | 10,030.0 | 38,436 | 4.58 | 3.94 |
| 43. BAYSIDE #4 | 56 | 580 | 1.4 | 98.6 | 94.2 | 12,086 | GAS | 6,820 | 1,027,859 | 7,010.0 | 26,858 | 4.63 | 3.94 |
| 44. BAYSIDE #5 | 56 | 1,230 | 3.0 | 98.6 | 87.9 | 12,106 | GAS | 14,490 | 1,027,605 | 14,890.0 | 57,063 | 4.64 | 3.94 |
| 45. BAYSIDE #6 | 56 | 990 | 2.4 | 98.6 | 93.0 | 11,838 | GAS | 11,390 | 1,028,973 | 11,720.0 | 44,855 | 4.53 | 3.94 |
| 46. BAYSIDE TOTAL | 1,854 | 798,740 | 57.9 | 96.8 | 69.5 | 7,453 | GAS | 5,790,880 | 1,027,997 | 5,953,010.0 | 22,805,156 | 2.86 | 3.94 |
| 47. SYSTEM | 5,096 | 1,792,280 | 47.3 | 81.7 | 93.2 | 7,289 | - | - | - | 13,063,810.0 | 48,860,560 | 2.73 | - |

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition
⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: JUNE 2019

| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) | (J) | (K) | (L) | (M) | (N) |
|--------------------------------|----------------------|----------------------|-------------------------|--------------------------|-----------------------|------------------------------|-----------|---------------------|----------------------------|-------------------------------------|---|-------------------------------|------------------------|
| PLANT/UNIT | NET CAPABILITY (MW) | NET GENERATION (MWH) | NET CAPACITY FACTOR (%) | EQUIV. AVAIL. FACTOR (%) | NET OUTPUT FACTOR (%) | AVG. NET HEAT RATE (BTU/KWH) | FUEL TYPE | FUEL BURNED (UNITS) | FUEL HEAT VALUE (BTU/UNIT) | FUEL BURNED (MM BTU) ⁽²⁾ | AS BURNED FUEL COST (\$) ⁽¹⁾ | FUEL COST PER KWH (cents/KWH) | COST OF FUEL (\$/UNIT) |
| 1. TIA SOLAR | 1.6 | 250 | 21.7 | - | 21.7 | - | SOLAR | - | - | - | - | - | - |
| 2. BIG BEND SOLAR | 19.4 | 3,990 | 28.6 | - | 28.6 | - | SOLAR | - | - | - | - | - | - |
| 3. LEGOLAND SOLAR | 1.5 | 270 | 25.0 | - | 25.0 | - | SOLAR | - | - | - | - | - | - |
| 4. FUTURE SOLAR | 405.0 | 92,530 | 31.7 | - | 31.7 | - | SOLAR | - | - | - | - | - | - |
| 5. TOTAL SOLAR | ⁽³⁾ 427.5 | 97,040 | 31.5 | - | 31.5 | - | SOLAR | - | - | - | - | - | - |
| 6. B.B.#1 (GAS) | 305 | 2,820 | 1.3 | - | - | - | GAS | 35,290 | 1,027,770 | 36,270.0 | 138,387 | 4.91 | 3.92 |
| 7. B.B.#1 (COAL) | 0 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 8. TOTAL BIG BEND #1 | 305 | 2,820 | 1.3 | 87.6 | 51.4 | 12,862 | - | - | - | 36,270.0 | 138,387 | 4.91 | - |
| 9. B.B.#2 (GAS) | 340 | 27,800 | 11.4 | - | - | - | GAS | 333,980 | 1,027,996 | 343,330.0 | 1,309,674 | 4.71 | 3.92 |
| 10. B.B.#2 (COAL) | 0 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 11. TOTAL BIG BEND #2 | 340 | 27,800 | 11.4 | 87.4 | 42.4 | 12,350 | - | - | - | 343,330.0 | 1,309,674 | 4.71 | - |
| 12. B.B.#3 (GAS) | 345 | 0 | 0.0 | - | - | - | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 13. B.B.#3 (COAL) | 395 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 14. TOTAL BIG BEND #3 | 345 | 0 | 0.0 | 0.0 | 0.0 | 0 | - | - | - | 0.0 | 0 | 0.00 | - |
| 15. B.B.#4 (GAS) | 185 | 6,490 | 4.9 | - | - | - | GAS | 73,770 | 1,027,925 | 75,830.0 | 289,283 | 4.46 | 3.92 |
| 16. B.B.#4 (COAL) | 437 | 123,270 | 39.2 | - | - | - | COAL | 64,040 | 22,498,438 | 1,440,800.0 | 4,358,991 | 3.54 | 68.07 |
| 17. TOTAL BIG BEND #4 | 437 | 129,760 | 41.2 | 77.3 | 48.5 | 11,688 | - | - | - | 1,516,630.0 | 4,648,274 | 3.58 | - |
| 18. B.B. IGNITION | - | - | - | - | - | - | GAS | 21,710 | - | 22,320.0 | 85,134 | - | 3.92 |
| 19. BIG BEND 1-4 COAL TOTAL | 832 | 123,270 | 20.6 | - | - | 11,688 | COAL | 64,040 | 22,498,438 | 1,440,800.0 | 4,358,991 | 3.54 | 68.07 |
| 20. B.B.C.T.#4 (OIL) | 0 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 21. B.B.C.T.#4 (GAS) | 56 | 1,760 | 4.4 | - | 98.2 | 11,705 | GAS | 20,040 | 1,027,944 | 20,600.0 | 78,585 | 4.47 | 3.92 |
| 22. B.B.C.T.#4 TOTAL | 56 | 1,760 | 4.4 | 98.2 | 98.2 | 11,705 | - | - | - | 20,600.0 | 78,585 | 4.47 | - |
| 23. BIG BEND STATION TOTAL | 1,483 | 162,140 | 15.2 | 64.5 | 47.6 | 11,822 | - | - | - | 1,916,830.0 | 6,260,053 | 3.86 | - |
| 24. POLK #1 GASIFIER | 220 | 0 | 0.0 | - | 0.0 | 0 | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 25. POLK #1 CT (GAS) | 195 | 43,680 | 31.1 | - | 87.5 | 8,238 | GAS | 350,040 | 1,027,997 | 359,840.0 | 1,372,652 | 3.14 | 3.92 |
| 26. POLK #1 TOTAL | 220 | 43,680 | 27.6 | 93.5 | 87.5 | 8,238 | - | - | - | 359,840.0 | 1,372,652 | 3.14 | - |
| 27. POLK #2 ST DUCT FIRING | 120 | 14,870 | 17.2 | - | 70.8 | 8,275 | GAS | 119,700 | 1,027,987 | 123,050.0 | 469,393 | 3.16 | 3.92 |
| 28. POLK #2 ST W/O DUCT FIRING | 341 | 608,540 | - | - | - | - | GAS | 3,992,690 | 1,027,999 | 4,104,480.0 | 15,656,991 | 2.57 | 3.92 |
| 29. POLK #2 ST TOTAL | 461 | 623,410 | 187.8 | - | 152.8 | 6,781 | GAS | - | - | 4,227,530.0 | 16,126,384 | 2.59 | - |
| 30. POLK #2 CT (GAS) | 150 | 900 | 0.8 | - | 100.0 | 11,189 | GAS | 9,790 | 1,028,601 | 10,070.0 | 38,391 | 4.27 | 3.92 |
| 31. POLK #2 CT (OIL) | 159 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 32. POLK #2 TOTAL | ⁽⁴⁾ 150 | 900 | 0.8 | - | 100.0 | 11,189 | - | - | - | 10,070.0 | 38,391 | 4.27 | - |
| 33. POLK #3 CT (GAS) | 150 | 450 | 0.4 | - | 100.0 | 11,378 | GAS | 4,990 | 1,026,052 | 5,120.0 | 19,568 | 4.35 | 3.92 |
| 34. POLK #3 CT (OIL) | 159 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 35. POLK #3 TOTAL | ⁽⁴⁾ 150 | 450 | 0.4 | - | 100.0 | 11,378 | - | - | - | 5,120.0 | 19,568 | 4.35 | - |
| 36. POLK #4 CT (GAS) | ⁽⁴⁾ 150 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 37. POLK #5 CT (GAS) | ⁽⁴⁾ 150 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 38. POLK #2 CC TOTAL | 1,061 | 624,760 | 81.8 | 95.9 | 152.3 | 6,791 | - | - | - | 4,242,720.0 | 16,184,343 | 2.59 | - |
| 39. POLK STATION TOTAL | 1,281 | 668,440 | 72.5 | 95.5 | 137.9 | 6,886 | - | - | - | 4,602,560.0 | 17,556,995 | 2.63 | - |
| 40. BAYSIDE #1 | 701 | 411,990 | 81.6 | 96.4 | 84.7 | 7,304 | GAS | 2,927,330 | 1,027,998 | 3,009,290.0 | 11,479,273 | 2.79 | 3.92 |
| 41. BAYSIDE #2 | 929 | 445,260 | 66.6 | 96.8 | 68.8 | 7,454 | GAS | 3,228,730 | 1,028,002 | 3,319,140.0 | 12,661,188 | 2.84 | 3.92 |
| 42. BAYSIDE #3 | 56 | 970 | 2.4 | 98.6 | 96.2 | 11,907 | GAS | 11,240 | 1,027,580 | 11,550.0 | 44,077 | 4.54 | 3.92 |
| 43. BAYSIDE #4 | 56 | 550 | 1.4 | 98.6 | 98.2 | 11,964 | GAS | 6,400 | 1,028,125 | 6,580.0 | 25,097 | 4.56 | 3.92 |
| 44. BAYSIDE #5 | 56 | 1,280 | 3.2 | 98.6 | 95.2 | 11,766 | GAS | 14,660 | 1,027,285 | 15,060.0 | 57,488 | 4.49 | 3.92 |
| 45. BAYSIDE #6 | 56 | 1,350 | 3.3 | 98.6 | 96.4 | 11,822 | GAS | 15,520 | 1,028,351 | 15,960.0 | 60,860 | 4.51 | 3.92 |
| 46. BAYSIDE TOTAL | 1,854 | 861,400 | 64.5 | 96.8 | 75.7 | 7,404 | GAS | 6,203,880 | 1,027,999 | 6,377,580.0 | 24,327,983 | 2.82 | 3.92 |
| 47. SYSTEM | 5,046 | 1,789,020 | 49.2 | 78.8 | 99.4 | 7,209 | - | - | - | 12,896,970.0 | 48,145,031 | 2.69 | - |

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition
⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: JULY 2019

| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) | (J) | (K) | (L) | (M) | (N) |
|--------------------------------|----------------------|----------------------|-------------------------|--------------------------|-----------------------|------------------------------|-----------|---------------------|----------------------------|-------------------------------------|---|-------------------------------|------------------------|
| PLANT/UNIT | NET CAPABILITY (MW) | NET GENERATION (MWH) | NET CAPACITY FACTOR (%) | EQUIV. AVAIL. FACTOR (%) | NET OUTPUT FACTOR (%) | AVG. NET HEAT RATE (BTU/KWH) | FUEL TYPE | FUEL BURNED (UNITS) | FUEL HEAT VALUE (BTU/UNIT) | FUEL BURNED (MM BTU) ⁽²⁾ | AS BURNED FUEL COST (\$) ⁽¹⁾ | FUEL COST PER KWH (cents/KWH) | COST OF FUEL (\$/UNIT) |
| 1. TIA SOLAR | 1.6 | 250 | 21.0 | - | 21.0 | - | SOLAR | - | - | - | - | - | - |
| 2. BIG BEND SOLAR | 19.4 | 3,880 | 26.9 | - | 26.9 | - | SOLAR | - | - | - | - | - | - |
| 3. LEGOLAND SOLAR | 1.5 | 270 | 24.2 | - | 24.2 | - | SOLAR | - | - | - | - | - | - |
| 4. FUTURE SOLAR | 405.0 | 87,400 | 29.0 | - | 29.0 | - | SOLAR | - | - | - | - | - | - |
| 5. TOTAL SOLAR | ⁽³⁾ 427.5 | 91,800 | 28.9 | - | 28.9 | - | SOLAR | - | - | - | - | - | - |
| 6. B.B.#1 (GAS) | 305 | 7,470 | 3.3 | - | - | - | GAS | 93,610 | 1,027,988 | 96,230.0 | 369,178 | 4.94 | 3.94 |
| 7. B.B.#1 (COAL) | 0 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 8. TOTAL BIG BEND #1 | 305 | 7,470 | 3.3 | 87.6 | 51.0 | 12,882 | - | - | - | 96,230.0 | 369,178 | 4.94 | - |
| 9. B.B.#2 (GAS) | 340 | 41,580 | 16.4 | - | - | - | GAS | 503,550 | 1,028,001 | 517,650.0 | 1,985,894 | 4.78 | 3.94 |
| 10. B.B.#2 (COAL) | 0 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 11. TOTAL BIG BEND #2 | 340 | 41,580 | 16.4 | 87.4 | 41.2 | 12,449 | - | - | - | 517,650.0 | 1,985,894 | 4.78 | - |
| 12. B.B.#3 (GAS) | 345 | 26,090 | 10.2 | - | - | - | GAS | 304,550 | 1,028,009 | 313,080.0 | 1,201,081 | 4.60 | 3.94 |
| 13. B.B.#3 (COAL) | 395 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 14. TOTAL BIG BEND #3 | 345 | 26,090 | 10.2 | 91.3 | 34.4 | 12,000 | - | - | - | 313,080.0 | 1,201,081 | 4.60 | - |
| 15. B.B.#4 (GAS) | 185 | 6,840 | 5.0 | - | - | - | GAS | 77,330 | 1,027,932 | 79,490.0 | 304,973 | 4.46 | 3.94 |
| 16. B.B.#4 (COAL) | 437 | 129,890 | 40.0 | - | - | - | COAL | 67,130 | 22,498,883 | 1,510,350.0 | 4,628,114 | 3.56 | 68.94 |
| 17. TOTAL BIG BEND #4 | 437 | 136,730 | 42.1 | 77.3 | 49.5 | 11,628 | - | - | - | 1,589,840.0 | 4,933,087 | 3.61 | - |
| 18. B.B. IGNITION | - | - | - | - | - | - | GAS | 27,550 | - | - | 28,320.0 | 108,651 | 3.94 |
| 19. BIG BEND 1-4 COAL TOTAL | 832 | 129,890 | 21.0 | - | - | 11,628 | COAL | 67,130 | 22,498,883 | 1,510,350.0 | 4,628,114 | 3.56 | 68.94 |
| 20. B.B.C.T.#4 (OIL) | 0 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 21. B.B.C.T.#4 (GAS) | 56 | 2,390 | 5.7 | - | 90.8 | 11,962 | GAS | 27,810 | 1,028,047 | 28,590.0 | 109,677 | 4.59 | 3.94 |
| 22. B.B.C.T.#4 TOTAL | 56 | 2,390 | 5.7 | 98.2 | 90.8 | 11,962 | - | - | - | 28,590.0 | 109,677 | 4.59 | - |
| 23. BIG BEND STATION TOTAL | 1,483 | 214,260 | 19.4 | 85.8 | 45.6 | 11,880 | - | - | - | 2,545,390.0 | 8,707,568 | 4.06 | - |
| 24. POLK #1 GASIFIER | 220 | 0 | 0.0 | - | 0.0 | 0 | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 25. POLK #1 CT (GAS) | 195 | 43,550 | 30.0 | - | 87.2 | 8,241 | GAS | 349,100 | 1,028,015 | 358,880.0 | 1,376,776 | 3.16 | 3.94 |
| 26. POLK #1 TOTAL | 220 | 43,550 | 26.6 | 93.5 | 87.2 | 8,241 | - | - | - | 358,880.0 | 1,376,776 | 3.16 | - |
| 27. POLK #2 ST DUCT FIRING | 120 | 16,810 | 18.8 | - | 71.5 | 8,272 | GAS | 135,260 | 1,028,020 | 139,050.0 | 533,437 | 3.17 | 3.94 |
| 28. POLK #2 ST W/O DUCT FIRING | 341 | 628,830 | - | - | - | - | GAS | 4,125,830 | 1,028,002 | 4,241,360.0 | 16,271,397 | 2.59 | 3.94 |
| 29. POLK #2 ST TOTAL | 461 | 645,640 | 188.2 | - | 150.6 | 6,785 | GAS | - | - | 4,380,410.0 | 16,804,834 | 2.60 | - |
| 30. POLK #2 CT (GAS) | 150 | 900 | 0.8 | - | 100.0 | 11,278 | GAS | 9,870 | 1,028,369 | 10,150.0 | 38,925 | 4.33 | 3.94 |
| 31. POLK #2 CT (OIL) | 159 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 32. POLK #2 TOTAL | ⁽⁴⁾ 150 | 900 | 0.8 | - | 100.0 | 11,278 | - | - | - | 10,150.0 | 38,925 | 4.33 | - |
| 33. POLK #3 CT (GAS) | 150 | 1,200 | 1.1 | - | 100.0 | 11,242 | GAS | 13,130 | 1,027,418 | 13,490.0 | 51,782 | 4.32 | 3.94 |
| 34. POLK #3 CT (OIL) | 159 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 35. POLK #3 TOTAL | ⁽⁴⁾ 150 | 1,200 | 1.1 | - | 100.0 | 11,242 | - | - | - | 13,490.0 | 51,782 | 4.32 | - |
| 36. POLK #4 CT (GAS) | ⁽⁴⁾ 150 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 37. POLK #5 CT (GAS) | ⁽⁴⁾ 150 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 38. POLK #2 CC TOTAL | 1,061 | 647,740 | 82.1 | 95.9 | 149.8 | 6,799 | - | - | - | 4,404,050.0 | 16,895,541 | 2.61 | - |
| 39. POLK STATION TOTAL | 1,281 | 691,290 | 72.5 | 95.5 | 136.5 | 6,890 | - | - | - | 4,762,930.0 | 18,272,317 | 2.64 | - |
| 40. BAYSIDE #1 | 701 | 424,940 | 81.5 | 96.4 | 84.3 | 7,307 | GAS | 3,020,420 | 1,027,999 | 3,104,990.0 | 11,911,895 | 2.80 | 3.94 |
| 41. BAYSIDE #2 | 929 | 451,780 | 65.4 | 96.8 | 67.9 | 7,462 | GAS | 3,279,530 | 1,028,001 | 3,371,360.0 | 12,933,768 | 2.86 | 3.94 |
| 42. BAYSIDE #3 | 56 | 970 | 2.3 | 98.6 | 91.2 | 12,165 | GAS | 11,480 | 1,027,875 | 11,800.0 | 45,275 | 4.67 | 3.94 |
| 43. BAYSIDE #4 | 56 | 590 | 1.4 | 98.6 | 95.8 | 12,153 | GAS | 6,980 | 1,027,221 | 7,170.0 | 27,528 | 4.67 | 3.94 |
| 44. BAYSIDE #5 | 56 | 1,820 | 4.4 | 98.6 | 90.3 | 11,995 | GAS | 21,230 | 1,028,262 | 21,830.0 | 83,727 | 4.60 | 3.94 |
| 45. BAYSIDE #6 | 56 | 1,500 | 3.6 | 98.6 | 92.4 | 11,920 | GAS | 17,400 | 1,027,586 | 17,880.0 | 68,622 | 4.57 | 3.94 |
| 46. BAYSIDE TOTAL | 1,854 | 881,600 | 63.9 | 96.8 | 75.1 | 7,413 | GAS | 6,357,040 | 1,027,999 | 6,535,030.0 | 25,070,815 | 2.84 | 3.94 |
| 47. SYSTEM | 5,046 | 1,878,950 | 50.1 | 85.0 | 95.0 | 7,368 | - | - | - | 13,843,350.0 | 52,050,700 | 2.77 | - |

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition
⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

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TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: AUGUST 2019

| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) | (J) | (K) | (L) | (M) | (N) |
|--------------------------------|----------------------|----------------------|-------------------------|--------------------------|-----------------------|------------------------------|-----------|---------------------|----------------------------|-------------------------------------|---|-------------------------------|------------------------|
| PLANT/UNIT | NET CAPABILITY (MW) | NET GENERATION (MWH) | NET CAPACITY FACTOR (%) | EQUIV. AVAIL. FACTOR (%) | NET OUTPUT FACTOR (%) | AVG. NET HEAT RATE (BTU/KWH) | FUEL TYPE | FUEL BURNED (UNITS) | FUEL HEAT VALUE (BTU/UNIT) | FUEL BURNED (MM BTU) ⁽²⁾ | AS BURNED FUEL COST (\$) ⁽¹⁾ | FUEL COST PER KWH (cents/KWH) | COST OF FUEL (\$/UNIT) |
| 1. TIA SOLAR | 1.6 | 250 | 21.0 | - | 21.0 | - | SOLAR | - | - | - | - | - | - |
| 2. BIG BEND SOLAR | 19.4 | 3,740 | 25.9 | - | 25.9 | - | SOLAR | - | - | - | - | - | - |
| 3. LEGOLAND SOLAR | 1.5 | 250 | 22.4 | - | 22.4 | - | SOLAR | - | - | - | - | - | - |
| 4. FUTURE SOLAR | 405.0 | 93,540 | 31.0 | - | 31.0 | - | SOLAR | - | - | - | - | - | - |
| 5. TOTAL SOLAR | ⁽³⁾ 427.5 | 97,780 | 30.7 | - | 30.7 | - | SOLAR | - | - | - | - | - | - |
| 6. B.B.#1 (GAS) | 305 | 8,350 | 3.7 | - | - | - | GAS | 100,920 | 1,027,943 | 103,740.0 | 397,234 | 4.76 | 3.94 |
| 7. B.B.#1 (COAL) | 0 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 8. TOTAL BIG BEND #1 | 305 | 8,350 | 3.7 | 87.6 | 57.0 | 12,424 | - | - | - | 103,740.0 | 397,234 | 4.76 | - |
| 9. B.B.#2 (GAS) | 340 | 34,420 | 13.6 | - | - | - | GAS | 399,480 | 1,028,011 | 410,670.0 | 1,572,402 | 4.57 | 3.94 |
| 10. B.B.#2 (COAL) | 0 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 11. TOTAL BIG BEND #2 | 340 | 34,420 | 13.6 | 87.4 | 48.0 | 11,931 | - | - | - | 410,670.0 | 1,572,402 | 4.57 | - |
| 12. B.B.#3 (GAS) | 345 | 32,230 | 12.6 | - | - | - | GAS | 364,010 | 1,027,994 | 374,200.0 | 1,432,788 | 4.45 | 3.94 |
| 13. B.B.#3 (COAL) | 395 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 14. TOTAL BIG BEND #3 | 345 | 32,230 | 12.6 | 91.3 | 40.8 | 11,610 | - | - | - | 374,200.0 | 1,432,788 | 4.45 | - |
| 15. B.B.#4 (GAS) | 185 | 6,790 | 4.9 | - | - | - | GAS | 76,930 | 1,028,077 | 79,090.0 | 302,806 | 4.46 | 3.94 |
| 16. B.B.#4 (COAL) | 437 | 128,990 | 39.7 | - | - | - | COAL | 66,780 | 22,501,198 | 1,502,630.0 | 4,571,434 | 3.54 | 68.46 |
| 17. TOTAL BIG BEND #4 | 437 | 135,780 | 41.8 | 77.3 | 49.2 | 11,649 | - | - | - | 1,581,720.0 | 4,874,240 | 3.59 | - |
| 18. B.B. IGNITION | - | - | - | - | - | - | GAS | 15,030 | - | 15,450.0 | 59,160 | - | 3.94 |
| 19. BIG BEND 1-4 COAL TOTAL | 832 | 128,990 | 20.8 | - | - | 11,649 | COAL | 66,780 | 22,501,198 | 1,502,630.0 | 4,571,434 | 3.54 | 68.46 |
| 20. B.B.C.T.#4 (OIL) | 0 | 0 | 0.0 | - | 0.0 | - | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 21. B.B.C.T.#4 (GAS) | 56 | 1,660 | 4.0 | - | 95.6 | 11,795 | GAS | 19,040 | 1,028,361 | 19,580.0 | 74,944 | 4.51 | 3.94 |
| 22. B.B.C.T.#4 TOTAL | 56 | 1,660 | 4.0 | 98.2 | 95.6 | 11,795 | - | - | - | 19,580.0 | 74,944 | 4.51 | - |
| 23. BIG BEND STATION TOTAL | 1,483 | 212,440 | 19.3 | 85.8 | 47.9 | 11,721 | - | - | - | 2,489,910.0 | 8,410,768 | 3.96 | - |
| 24. POLK #1 GASIFIER | 220 | 0 | 0.0 | - | 0.0 | 0 | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 25. POLK #1 CT (GAS) | 195 | 40,260 | 27.8 | - | 89.0 | 8,194 | GAS | 320,920 | 1,027,982 | 329,900.0 | 1,263,181 | 3.14 | 3.94 |
| 26. POLK #1 TOTAL | 220 | 40,260 | 24.6 | 93.5 | 89.0 | 8,194 | - | - | - | 329,900.0 | 1,263,181 | 3.14 | - |
| 27. POLK #2 ST DUCT FIRING | 120 | 14,880 | 16.7 | - | 74.3 | 8,274 | GAS | 119,760 | 1,028,056 | 123,120.0 | 471,390 | 3.17 | 3.94 |
| 28. POLK #2 ST W/O DUCT FIRING | 341 | 631,130 | - | - | - | - | GAS | 4,141,130 | 1,027,997 | 4,257,070.0 | 16,299,998 | 2.58 | 3.94 |
| 29. POLK #2 ST TOTAL | 461 | 646,010 | 188.3 | - | 155.5 | 6,780 | GAS | - | - | 4,380,190.0 | 16,771,388 | 2.60 | - |
| 30. POLK #2 CT (GAS) | 150 | 1,050 | 0.9 | - | 100.0 | 11,257 | GAS | 11,500 | 1,027,826 | 11,820.0 | 45,265 | 4.31 | 3.94 |
| 31. POLK #2 CT (OIL) | 159 | 0 | 0.0 | - | 0.0 | - | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 32. POLK #2 TOTAL | ⁽⁴⁾ 150 | 1,050 | 0.9 | - | 100.0 | 11,257 | - | - | - | 11,820.0 | 45,265 | 4.31 | - |
| 33. POLK #3 CT (GAS) | 150 | 900 | 0.8 | - | 100.0 | 11,278 | GAS | 9,870 | 1,028,369 | 10,150.0 | 38,850 | 4.32 | 3.94 |
| 34. POLK #3 CT (OIL) | 159 | 0 | 0.0 | - | 0.0 | - | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 35. POLK #3 TOTAL | ⁽⁴⁾ 150 | 900 | 0.8 | - | 100.0 | 11,278 | - | - | - | 10,150.0 | 38,850 | 4.32 | - |
| 36. POLK #4 CT (GAS) | ⁽⁴⁾ 150 | 750 | 0.7 | - | 100.0 | 11,293 | GAS | 8,240 | 1,027,913 | 8,470.0 | 32,434 | 4.32 | 3.94 |
| 37. POLK #5 CT (GAS) | ⁽⁴⁾ 150 | 600 | 0.5 | - | 100.0 | 11,333 | GAS | 6,620 | 1,027,190 | 6,800.0 | 26,057 | 4.34 | 3.94 |
| 38. POLK #2 CC TOTAL | 1,061 | 649,310 | 82.3 | 95.9 | 154.2 | 6,803 | - | - | - | 4,417,430.0 | 16,913,994 | 2.60 | - |
| 39. POLK STATION TOTAL | 1,281 | 689,570 | 72.4 | 95.5 | 141.1 | 6,884 | - | - | - | 4,747,330.0 | 18,177,175 | 2.64 | - |
| 40. BAYSIDE #1 | 701 | 429,060 | 82.3 | 96.4 | 85.2 | 7,301 | GAS | 3,047,350 | 1,027,998 | 3,132,670.0 | 11,994,745 | 2.80 | 3.94 |
| 41. BAYSIDE #2 | 929 | 472,410 | 68.3 | 96.8 | 70.6 | 7,439 | GAS | 3,418,470 | 1,027,998 | 3,514,180.0 | 13,455,519 | 2.85 | 3.94 |
| 42. BAYSIDE #3 | 56 | 680 | 1.6 | 98.6 | 93.4 | 12,000 | GAS | 7,940 | 1,027,708 | 8,160.0 | 31,253 | 4.60 | 3.94 |
| 43. BAYSIDE #4 | 56 | 550 | 1.3 | 98.6 | 98.2 | 11,891 | GAS | 6,360 | 1,028,302 | 6,540.0 | 25,034 | 4.55 | 3.94 |
| 44. BAYSIDE #5 | 56 | 1,140 | 2.7 | 98.6 | 92.5 | 11,851 | GAS | 13,150 | 1,027,376 | 13,510.0 | 51,760 | 4.54 | 3.94 |
| 45. BAYSIDE #6 | 56 | 890 | 2.1 | 98.6 | 93.5 | 11,921 | GAS | 10,320 | 1,028,101 | 10,610.0 | 40,621 | 4.56 | 3.94 |
| 46. BAYSIDE TOTAL | 1,854 | 904,730 | 65.6 | 96.8 | 77.0 | 7,390 | GAS | 6,503,590 | 1,027,997 | 6,685,670.0 | 25,598,932 | 2.83 | 3.94 |
| 47. SYSTEM | 5,046 | 1,904,520 | 50.7 | 85.0 | 98.0 | 7,310 | - | - | - | 13,922,910.0 | 52,186,875 | 2.74 | - |

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition
⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: SEPTEMBER 2019

| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) | (J) | (K) | (L) | (M) | (N) | |
|--------------------------------|----------------------|----------------------|-------------------------|--------------------------|-----------------------|------------------------------|-----------|---------------------|----------------------------|-------------------------------------|---|-------------------------------|------------------------|------|
| PLANT/UNIT | NET CAPABILITY (MW) | NET GENERATION (MWH) | NET CAPACITY FACTOR (%) | EQUIV. AVAIL. FACTOR (%) | NET OUTPUT FACTOR (%) | AVG. NET HEAT RATE (BTU/KWH) | FUEL TYPE | FUEL BURNED (UNITS) | FUEL HEAT VALUE (BTU/UNIT) | FUEL BURNED (MM BTU) ⁽²⁾ | AS BURNED FUEL COST (\$) ⁽¹⁾ | FUEL COST PER KWH (cents/KWH) | COST OF FUEL (\$/UNIT) | |
| 1. TIA SOLAR | 1.6 | 220 | 19.1 | - | 19.1 | - | SOLAR | - | - | - | - | - | - | |
| 2. BIG BEND SOLAR | 19.4 | 3,090 | 22.1 | - | 22.1 | - | SOLAR | - | - | - | - | - | - | |
| 3. LEGOLAND SOLAR | 1.5 | 210 | 19.4 | - | 19.4 | - | SOLAR | - | - | - | - | - | - | |
| 4. FUTURE SOLAR | 405.0 | 71,990 | 24.7 | - | 24.7 | - | SOLAR | - | - | - | - | - | - | |
| 5. TOTAL SOLAR | ⁽³⁾ 427.5 | 75,510 | 24.5 | - | 24.5 | - | SOLAR | - | - | - | - | - | - | |
| 6. B.B.#1 (GAS) | 305 | 14,230 | 6.5 | - | - | - | GAS | 187,250 | 1,027,984 | 192,490.0 | 732,342 | 5.15 | 3.91 | |
| 7. B.B.#1 (COAL) | 0 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | |
| 8. TOTAL BIG BEND #1 | 305 | 14,230 | 6.5 | 87.6 | 44.4 | 13,527 | - | - | - | 192,490.0 | 732,342 | 5.15 | - | |
| 9. B.B.#2 (GAS) | 340 | 23,320 | 9.5 | - | - | - | GAS | 286,670 | 1,028,011 | 294,700.0 | 1,121,178 | 4.81 | 3.91 | |
| 10. B.B.#2 (COAL) | 0 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | |
| 11. TOTAL BIG BEND #2 | 340 | 23,320 | 9.5 | 87.4 | 39.2 | 12,637 | - | - | - | 294,700.0 | 1,121,178 | 4.81 | - | |
| 12. B.B.#3 (GAS) | 345 | 2,250 | 0.9 | - | - | - | GAS | 24,500 | 1,028,163 | 25,190.0 | 95,820 | 4.26 | 3.91 | |
| 13. B.B.#3 (COAL) | 395 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | |
| 14. TOTAL BIG BEND #3 | 345 | 2,250 | 0.9 | 60.9 | 50.2 | 11,196 | - | - | - | 25,190.0 | 95,820 | 4.26 | - | |
| 15. B.B.#4 (GAS) | 185 | 6,100 | 4.6 | - | - | - | GAS | 69,920 | 1,027,889 | 71,870.0 | 273,460 | 4.48 | 3.91 | |
| 16. B.B.#4 (COAL) | 437 | 115,970 | 36.9 | - | - | - | COAL | 60,690 | 22,501,565 | 1,365,620.0 | 4,162,345 | 3.59 | 68.58 | |
| 17. TOTAL BIG BEND #4 | 437 | 122,070 | 38.8 | 74.7 | 47.3 | 11,776 | - | - | - | 1,437,490.0 | 4,435,805 | 3.63 | - | |
| 18. B.B. IGNITION | - | - | - | - | - | - | GAS | 17,530 | - | - | 18,020.0 | 68,560 | - | 3.91 |
| 19. BIG BEND 1-4 COAL TOTAL | 832 | 115,970 | 19.4 | - | - | 11,776 | COAL | 60,690 | 22,501,565 | 1,365,620.0 | 4,162,345 | 3.59 | 68.58 | |
| 20. B.B.C.T.#4 (OIL) | 0 | 0 | 0.0 | - | 0.0 | - | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | |
| 21. B.B.C.T.#4 (GAS) | 56 | 1,620 | 4.0 | - | 93.3 | 11,846 | GAS | 18,670 | 1,027,852 | 19,190.0 | 73,019 | 4.51 | 3.91 | |
| 22. B.B.C.T.#4 TOTAL | 56 | 1,620 | 4.0 | 98.2 | 93.3 | 11,846 | - | - | - | 19,190.0 | 73,019 | 4.51 | - | |
| 23. BIG BEND STATION TOTAL | 1,483 | 163,490 | 15.3 | 77.9 | 45.9 | 12,044 | - | - | - | 1,969,060.0 | 6,526,724 | 3.99 | - | |
| 24. POLK #1 GASIFIER | 220 | 0 | 0.0 | - | 0.0 | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | |
| 25. POLK #1 CT (GAS) | 195 | 16,000 | 11.4 | - | 87.3 | 8,262 | GAS | 128,580 | 1,028,076 | 132,190.0 | 502,881 | 3.14 | 3.91 | |
| 26. POLK #1 TOTAL | 220 | 16,000 | 10.1 | 49.9 | 87.3 | 8,262 | - | - | - | 132,190.0 | 502,881 | 3.14 | - | |
| 27. POLK #2 ST DUCT FIRING | 120 | 12,250 | 14.2 | - | 69.4 | 8,273 | GAS | 98,580 | 1,027,998 | 101,340.0 | 385,550 | 3.15 | 3.91 | |
| 28. POLK #2 ST W/O DUCT FIRING | 341 | 613,300 | - | - | - | - | GAS | 4,024,770 | 1,028,002 | 4,137,470.0 | 15,741,026 | 2.57 | 3.91 | |
| 29. POLK #2 ST TOTAL | 461 | 625,550 | 188.5 | - | 158.3 | 6,776 | GAS | - | - | 4,238,810.0 | 16,126,576 | 2.58 | - | |
| 30. POLK #2 CT (GAS) | 150 | 1,050 | 1.0 | - | 100.0 | 11,257 | GAS | 11,500 | 1,027,826 | 11,820.0 | 44,977 | 4.28 | 3.91 | |
| 31. POLK #2 CT (OIL) | 159 | 0 | 0.0 | - | 0.0 | - | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | |
| 32. POLK #2 TOTAL | ⁽⁴⁾ 150 | 1,050 | 1.0 | - | 100.0 | 11,257 | - | - | - | 11,820.0 | 44,977 | 4.28 | - | |
| 33. POLK #3 CT (GAS) | 150 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | |
| 34. POLK #3 CT (OIL) | 159 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | |
| 35. POLK #3 TOTAL | ⁽⁴⁾ 150 | 0 | 0.0 | - | 0.0 | 0 | - | - | - | 0.0 | 0 | 0.00 | - | |
| 36. POLK #4 CT (GAS) | ⁽⁴⁾ 150 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | |
| 37. POLK #5 CT (GAS) | ⁽⁴⁾ 150 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 | |
| 38. POLK #2 CC TOTAL | 1,061 | 626,600 | 82.0 | 95.9 | 157.9 | 6,784 | - | - | - | 4,250,630.0 | 16,171,553 | 2.58 | - | |
| 39. POLK STATION TOTAL | 1,281 | 642,600 | 69.7 | 88.0 | 150.9 | 6,820 | - | - | - | 4,382,820.0 | 16,674,434 | 2.59 | - | |
| 40. BAYSIDE #1 | 701 | 416,960 | 82.6 | 96.4 | 85.8 | 7,299 | GAS | 2,960,410 | 1,028,000 | 3,043,300.0 | 11,578,274 | 2.78 | 3.91 | |
| 41. BAYSIDE #2 | 929 | 471,100 | 70.4 | 96.8 | 72.8 | 7,420 | GAS | 3,400,510 | 1,027,999 | 3,495,720.0 | 13,299,522 | 2.82 | 3.91 | |
| 42. BAYSIDE #3 | 56 | 1,130 | 2.8 | 98.6 | 96.1 | 11,788 | GAS | 12,950 | 1,028,571 | 13,320.0 | 50,648 | 4.48 | 3.91 | |
| 43. BAYSIDE #4 | 56 | 940 | 2.3 | 98.6 | 98.7 | 11,606 | GAS | 10,610 | 1,028,275 | 10,910.0 | 41,496 | 4.41 | 3.91 | |
| 44. BAYSIDE #5 | 56 | 1,420 | 3.5 | 98.6 | 90.6 | 12,000 | GAS | 16,580 | 1,027,744 | 17,040.0 | 64,845 | 4.57 | 3.91 | |
| 45. BAYSIDE #6 | 56 | 1,180 | 2.9 | 98.6 | 95.8 | 11,788 | GAS | 13,530 | 1,028,086 | 13,910.0 | 52,916 | 4.48 | 3.91 | |
| 46. BAYSIDE TOTAL | 1,854 | 892,730 | 66.9 | 96.8 | 78.4 | 7,387 | GAS | 6,414,590 | 1,028,000 | 6,594,200.0 | 25,087,701 | 2.81 | 3.91 | |
| 47. SYSTEM | 5,046 | 1,774,330 | 48.8 | 80.8 | 99.9 | 7,296 | - | - | - | 12,946,080.0 | 48,288,859 | 2.72 | - | |

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition
⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: OCTOBER 2019

| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) | (J) | (K) | (L) | (M) | (N) |
|--------------------------------|----------------------|----------------------|-------------------------|--------------------------|-----------------------|------------------------------|-----------|---------------------|----------------------------|-------------------------------------|---|-------------------------------|------------------------|
| PLANT/UNIT | NET CAPABILITY (MW) | NET GENERATION (MWH) | NET CAPACITY FACTOR (%) | EQUIV. AVAIL. FACTOR (%) | NET OUTPUT FACTOR (%) | AVG. NET HEAT RATE (BTU/KWH) | FUEL TYPE | FUEL BURNED (UNITS) | FUEL HEAT VALUE (BTU/UNIT) | FUEL BURNED (MM BTU) ⁽²⁾ | AS BURNED FUEL COST (\$) ⁽¹⁾ | FUEL COST PER KWH (cents/KWH) | COST OF FUEL (\$/UNIT) |
| 1. TIA SOLAR | 1.6 | 250 | 21.0 | - | 21.0 | - | SOLAR | - | - | - | - | - | - |
| 2. BIG BEND SOLAR | 19.4 | 3,180 | 22.0 | - | 22.0 | - | SOLAR | - | - | - | - | - | - |
| 3. LEGOLAND SOLAR | 1.5 | 200 | 17.9 | - | 17.9 | - | SOLAR | - | - | - | - | - | - |
| 4. FUTURE SOLAR | 405.0 | 73,640 | 24.4 | - | 24.4 | - | SOLAR | - | - | - | - | - | - |
| 5. TOTAL SOLAR | ⁽³⁾ 427.5 | 77,270 | 24.3 | - | 24.3 | - | SOLAR | - | - | - | - | - | - |
| 6. B.B.#1 (GAS) | 305 | 6,720 | 3.0 | - | - | - | GAS | 87,460 | 1,028,013 | 89,910.0 | 351,827 | 5.24 | 4.02 |
| 7. B.B.#1 (COAL) | 0 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 8. TOTAL BIG BEND #1 | 305 | 6,720 | 3.0 | 87.6 | 45.9 | 13,379 | - | - | - | 89,910.0 | 351,827 | 5.24 | - |
| 9. B.B.#2 (GAS) | 340 | 2,890 | 1.1 | - | - | - | GAS | 33,630 | 1,028,249 | 34,580.0 | 135,284 | 4.68 | 4.02 |
| 10. B.B.#2 (COAL) | 0 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 11. TOTAL BIG BEND #2 | 340 | 2,890 | 1.1 | 87.4 | 47.2 | 11,965 | - | - | - | 34,580.0 | 135,284 | 4.68 | - |
| 12. B.B.#3 (GAS) | 345 | 20,060 | 7.8 | - | - | - | GAS | 226,980 | 1,027,976 | 233,330.0 | 913,077 | 4.55 | 4.02 |
| 13. B.B.#3 (COAL) | 395 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 14. TOTAL BIG BEND #3 | 345 | 20,060 | 7.8 | 91.3 | 40.4 | 11,632 | - | - | - | 233,330.0 | 913,077 | 4.55 | - |
| 15. B.B.#4 (GAS) | 185 | 0 | 0.0 | - | - | - | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 16. B.B.#4 (COAL) | 437 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 17. TOTAL BIG BEND #4 | 437 | 0 | 0.0 | 0.0 | 0.0 | 0 | - | - | - | 0.0 | 0 | 0.00 | - |
| 18. B.B. IGNITION | - | - | - | - | - | - | GAS | 25,050 | - | 25,750.0 | 100,769 | - | 4.02 |
| 19. BIG BEND 1-4 COAL TOTAL | 832 | 0 | 0.0 | - | - | 0 | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 20. B.B.C.T.#4 (OIL) | 0 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 21. B.B.C.T.#4 (GAS) | 56 | 1,240 | 3.0 | - | 96.3 | 11,774 | GAS | 14,210 | 1,027,445 | 14,600.0 | 57,163 | 4.61 | 4.02 |
| 22. B.B.C.T.#4 TOTAL | 56 | 1,240 | 3.0 | 98.2 | 96.3 | 11,774 | - | - | - | 14,600.0 | 57,163 | 4.61 | - |
| 23. BIG BEND STATION TOTAL | 1,483 | 30,910 | 2.8 | 63.0 | 43.1 | 12,049 | - | - | - | 372,420.0 | 1,558,120 | 5.04 | - |
| 24. POLK #1 GASIFIER | 220 | 0 | 0.0 | - | 0.0 | 0 | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 25. POLK #1 CT (GAS) | 195 | 38,970 | 26.9 | - | 87.7 | 8,208 | GAS | 311,150 | 1,028,025 | 319,870.0 | 1,251,669 | 3.21 | 4.02 |
| 26. POLK #1 TOTAL | 220 | 38,970 | 23.8 | 51.3 | 87.7 | 8,208 | - | - | - | 319,870.0 | 1,251,669 | 3.21 | - |
| 27. POLK #2 ST DUCT FIRING | 120 | 12,880 | 14.4 | - | 80.7 | 8,272 | GAS | 103,630 | 1,028,081 | 106,540.0 | 416,874 | 3.24 | 4.02 |
| 28. POLK #2 ST W/O DUCT FIRING | 341 | 610,820 | - | - | - | - | GAS | 4,005,080 | 1,027,999 | 4,117,220.0 | 16,111,309 | 2.64 | 4.02 |
| 29. POLK #2 ST TOTAL | 461 | 623,700 | 181.8 | - | 156.0 | 6,772 | GAS | - | - | 4,223,760.0 | 16,528,183 | 2.65 | - |
| 30. POLK #2 CT (GAS) | 150 | 1,200 | 1.1 | - | 100.0 | 11,242 | GAS | 13,130 | 1,027,418 | 13,490.0 | 52,819 | 4.40 | 4.02 |
| 31. POLK #2 CT (OIL) | 159 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 32. POLK #2 TOTAL | ⁽⁴⁾ 150 | 1,200 | 1.1 | - | 100.0 | 11,242 | - | - | - | 13,490.0 | 52,819 | 4.40 | - |
| 33. POLK #3 CT (GAS) | 150 | 900 | 0.8 | - | 100.0 | 11,278 | GAS | 9,870 | 1,028,369 | 10,150.0 | 39,704 | 4.41 | 4.02 |
| 34. POLK #3 CT (OIL) | 159 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 35. POLK #3 TOTAL | ⁽⁴⁾ 150 | 900 | 0.8 | - | 100.0 | 11,278 | - | - | - | 10,150.0 | 39,704 | 4.41 | - |
| 36. POLK #4 CT (GAS) | ⁽⁴⁾ 150 | 600 | 0.5 | - | 100.0 | 11,333 | GAS | 6,620 | 1,027,190 | 6,800.0 | 26,630 | 4.44 | 4.02 |
| 37. POLK #5 CT (GAS) | ⁽⁴⁾ 150 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 38. POLK #2 CC TOTAL | 1,061 | 626,400 | 79.4 | 93.5 | 154.9 | 6,792 | - | - | - | 4,254,200.0 | 16,647,336 | 2.66 | - |
| 39. POLK STATION TOTAL | 1,281 | 665,370 | 69.8 | 86.2 | 141.1 | 6,874 | - | - | - | 4,574,070.0 | 17,899,005 | 2.69 | - |
| 40. BAYSIDE #1 | 701 | 405,340 | 77.7 | 96.4 | 81.1 | 7,320 | GAS | 2,886,320 | 1,027,998 | 2,967,130.0 | 11,610,853 | 2.86 | 4.02 |
| 41. BAYSIDE #2 | 929 | 409,810 | 59.3 | 96.8 | 61.3 | 7,521 | GAS | 2,998,030 | 1,028,002 | 3,081,980.0 | 12,060,230 | 2.94 | 4.02 |
| 42. BAYSIDE #3 | 56 | 770 | 1.8 | 98.6 | 98.2 | 11,753 | GAS | 8,790 | 1,029,579 | 9,050.0 | 35,360 | 4.59 | 4.02 |
| 43. BAYSIDE #4 | 56 | 610 | 1.5 | 98.6 | 99.0 | 11,803 | GAS | 7,010 | 1,027,104 | 7,200.0 | 28,199 | 4.62 | 4.02 |
| 44. BAYSIDE #5 | 56 | 1,050 | 2.5 | 98.6 | 98.7 | 11,667 | GAS | 11,910 | 1,028,547 | 12,250.0 | 47,911 | 4.56 | 4.02 |
| 45. BAYSIDE #6 | 56 | 750 | 1.8 | 98.6 | 95.7 | 11,853 | GAS | 8,640 | 1,028,935 | 8,890.0 | 34,756 | 4.63 | 4.02 |
| 46. BAYSIDE TOTAL | 1,854 | 818,330 | 59.3 | 96.8 | 69.8 | 7,438 | GAS | 5,920,700 | 1,028,003 | 6,086,500.0 | 23,817,309 | 2.91 | 4.02 |
| 47. SYSTEM | 5,046 | 1,591,880 | 42.4 | 76.0 | 101.9 | 6,931 | - | - | - | 11,032,990.0 | 43,274,434 | 2.72 | - |

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition
⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: NOVEMBER 2019

| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) | (J) | (K) | (L) | (M) | (N) |
|--------------------------------|----------------------|----------------------|-------------------------|--------------------------|-----------------------|------------------------------|-----------|---------------------|----------------------------|-------------------------------------|---|-------------------------------|------------------------|
| PLANT/UNIT | NET CAPABILITY (MW) | NET GENERATION (MWH) | NET CAPACITY FACTOR (%) | EQUIV. AVAIL. FACTOR (%) | NET OUTPUT FACTOR (%) | AVG. NET HEAT RATE (BTU/KWH) | FUEL TYPE | FUEL BURNED (UNITS) | FUEL HEAT VALUE (BTU/UNIT) | FUEL BURNED (MM BTU) ⁽²⁾ | AS BURNED FUEL COST (\$) ⁽¹⁾ | FUEL COST PER KWH (cents/KWH) | COST OF FUEL (\$/UNIT) |
| 1. TIA SOLAR | 1.6 | 230 | 20.0 | - | 20.0 | - | SOLAR | - | - | - | - | - | - |
| 2. BIG BEND SOLAR | 19.4 | 2,690 | 19.3 | - | 19.3 | - | SOLAR | - | - | - | - | - | - |
| 3. LEGOLAND SOLAR | 1.5 | 170 | 15.7 | - | 15.7 | - | SOLAR | - | - | - | - | - | - |
| 4. FUTURE SOLAR | 405.0 | 64,330 | 22.1 | - | 22.1 | - | SOLAR | - | - | - | - | - | - |
| 5. TOTAL SOLAR | ⁽³⁾ 427.5 | 67,420 | 21.9 | - | 21.9 | - | SOLAR | - | - | - | - | - | - |
| 6. B.B.#1 (GAS) | 305 | 0 | 0.0 | - | - | - | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 7. B.B.#1 (COAL) | 0 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 8. TOTAL BIG BEND #1 | 305 | 0 | 0.0 | 40.9 | 0.0 | 0 | - | - | - | 0.0 | 0 | 0.00 | 0.00 |
| 9. B.B.#2 (GAS) | 340 | 19,800 | 8.1 | - | - | - | GAS | 208,120 | 1,028,013 | 213,950.0 | 854,133 | 4.31 | 4.10 |
| 10. B.B.#2 (COAL) | 0 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 11. TOTAL BIG BEND #2 | 340 | 19,800 | 8.1 | 40.8 | 73.7 | 10,806 | - | - | - | 213,950.0 | 854,133 | 4.31 | - |
| 12. B.B.#3 (GAS) | 345 | 41,580 | 16.7 | - | - | - | GAS | 448,450 | 1,027,985 | 461,000.0 | 1,840,456 | 4.43 | 4.10 |
| 13. B.B.#3 (COAL) | 395 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 14. TOTAL BIG BEND #3 | 345 | 41,580 | 16.7 | 60.9 | 54.0 | 11,087 | - | - | - | 461,000.0 | 1,840,456 | 4.43 | - |
| 15. B.B.#4 (GAS) | 185 | 7,400 | 5.6 | - | - | - | GAS | 79,550 | 1,028,033 | 81,780.0 | 326,476 | 4.41 | 4.10 |
| 16. B.B.#4 (COAL) | 437 | 140,610 | 44.7 | - | - | - | COAL | 69,060 | 22,499,710 | 1,553,830.0 | 4,741,470 | 3.37 | 68.66 |
| 17. TOTAL BIG BEND #4 | 437 | 148,010 | 47.0 | 69.5 | 61.5 | 11,051 | - | - | - | 1,635,610.0 | 5,067,946 | 3.42 | - |
| 18. B.B. IGNITION | - | - | - | - | - | - | GAS | 15,860 | - | 16,300.0 | 65,090 | - | 4.10 |
| 19. BIG BEND 1-4 COAL TOTAL | 832 | 140,610 | 23.5 | - | - | 11,051 | COAL | 69,060 | 22,499,710 | 1,553,830.0 | 4,741,470 | 3.37 | 68.66 |
| 20. B.B.C.T.#4 (OIL) | 0 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 21. B.B.C.T.#4 (GAS) | 56 | 2,120 | 5.3 | - | 97.1 | 11,906 | GAS | 24,560 | 1,027,687 | 25,240.0 | 100,795 | 4.75 | 4.10 |
| 22. B.B.C.T.#4 TOTAL | 56 | 2,120 | 5.3 | 98.2 | 97.1 | 11,906 | - | - | - | 25,240.0 | 100,795 | 4.75 | - |
| 23. BIG BEND STATION TOTAL | 1,483 | 211,510 | 19.8 | 56.1 | 61.0 | 11,043 | - | - | - | 2,335,800.0 | 7,928,420 | 3.75 | - |
| 24. POLK #1 GASIFIER | 220 | 0 | 0.0 | - | 0.0 | 0 | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 25. POLK #1 CT (GAS) | 195 | 47,240 | 33.6 | - | 91.8 | 8,089 | GAS | 371,710 | 1,028,006 | 382,120.0 | 1,525,512 | 3.23 | 4.10 |
| 26. POLK #1 TOTAL | 220 | 47,240 | 29.8 | 93.5 | 91.8 | 8,089 | - | - | - | 382,120.0 | 1,525,512 | 3.23 | - |
| 27. POLK #2 ST DUCT FIRING | 120 | 6,170 | 7.1 | - | 57.1 | 8,271 | GAS | 49,640 | 1,028,002 | 51,030.0 | 203,724 | 3.30 | 4.10 |
| 28. POLK #2 ST W/O DUCT FIRING | 341 | 434,940 | - | - | - | - | GAS | 2,846,230 | 1,027,998 | 2,925,920.0 | 11,681,037 | 2.69 | 4.10 |
| 29. POLK #2 ST TOTAL | 461 | 441,110 | 132.9 | - | 140.3 | 6,749 | GAS | - | - | 2,976,950.0 | 11,884,761 | 2.69 | - |
| 30. POLK #2 CT (GAS) | 150 | 4,350 | 4.0 | - | 100.0 | 11,232 | GAS | 47,520 | 1,028,199 | 48,860.0 | 195,024 | 4.48 | 4.10 |
| 31. POLK #2 CT (OIL) | 159 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 32. POLK #2 TOTAL | ⁽⁴⁾ 150 | 4,350 | 4.0 | - | 100.0 | 11,232 | - | - | - | 48,860.0 | 195,024 | 4.48 | - |
| 33. POLK #3 CT (GAS) | 150 | 2,250 | 2.1 | - | 100.0 | 11,209 | GAS | 24,530 | 1,028,129 | 25,220.0 | 100,672 | 4.47 | 4.10 |
| 34. POLK #3 CT (OIL) | 159 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 35. POLK #3 TOTAL | ⁽⁴⁾ 150 | 2,250 | 2.1 | - | 100.0 | 11,209 | - | - | - | 25,220.0 | 100,672 | 4.47 | - |
| 36. POLK #4 CT (GAS) | ⁽⁴⁾ 150 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 37. POLK #5 CT (GAS) | ⁽⁴⁾ 150 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 38. POLK #2 CC TOTAL | 1,061 | 447,710 | 58.6 | 73.3 | 137.9 | 6,815 | - | - | - | 3,051,030.0 | 12,180,457 | 2.72 | - |
| 39. POLK STATION TOTAL | 1,281 | 494,950 | 53.7 | 76.8 | 125.6 | 6,936 | - | - | - | 3,433,150.0 | 13,705,969 | 2.77 | - |
| 40. BAYSIDE #1 | 701 | 185,090 | 36.7 | 57.8 | 78.8 | 7,334 | GAS | 1,320,390 | 1,027,999 | 1,357,360.0 | 5,418,931 | 2.93 | 4.10 |
| 41. BAYSIDE #2 | 929 | 449,430 | 67.2 | 96.8 | 69.4 | 7,447 | GAS | 3,255,700 | 1,028,000 | 3,346,860.0 | 13,361,518 | 2.97 | 4.10 |
| 42. BAYSIDE #3 | 56 | 690 | 1.7 | 98.6 | 94.8 | 12,174 | GAS | 8,180 | 1,026,895 | 8,400.0 | 33,571 | 4.87 | 4.10 |
| 43. BAYSIDE #4 | 56 | 490 | 1.2 | 98.6 | 97.2 | 12,122 | GAS | 5,780 | 1,027,682 | 5,940.0 | 23,721 | 4.84 | 4.10 |
| 44. BAYSIDE #5 | 56 | 1,730 | 4.3 | 98.6 | 96.5 | 11,902 | GAS | 20,030 | 1,027,958 | 20,590.0 | 82,204 | 4.75 | 4.10 |
| 45. BAYSIDE #6 | 56 | 1,020 | 2.5 | 98.6 | 95.9 | 12,098 | GAS | 12,010 | 1,027,477 | 12,340.0 | 49,289 | 4.83 | 4.10 |
| 46. BAYSIDE TOTAL | 1,854 | 638,450 | 47.8 | 82.3 | 72.0 | 7,442 | GAS | 4,622,090 | 1,027,996 | 4,751,490.0 | 18,969,234 | 2.97 | 4.10 |
| 47. SYSTEM | 5,046 | 1,412,330 | 38.9 | 66.2 | 93.5 | 7,449 | - | - | - | 10,520,440.0 | 40,603,623 | 2.87 | - |

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition
⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: DECEMBER 2019

| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) | (J) | (K) | (L) | (M) | (N) |
|--------------------------------|----------------------|----------------------|-------------------------|--------------------------|-----------------------|------------------------------|-----------|---------------------|----------------------------|-------------------------------------|---|-------------------------------|------------------------|
| PLANT/UNIT | NET CAPABILITY (MW) | NET GENERATION (MWH) | NET CAPACITY FACTOR (%) | EQUIV. AVAIL. FACTOR (%) | NET OUTPUT FACTOR (%) | AVG. NET HEAT RATE (BTU/KWH) | FUEL TYPE | FUEL BURNED (UNITS) | FUEL HEAT VALUE (BTU/UNIT) | FUEL BURNED (MM BTU) ⁽²⁾ | AS BURNED FUEL COST (\$) ⁽¹⁾ | FUEL COST PER KWH (cents/KWH) | COST OF FUEL (\$/UNIT) |
| 1. TIA SOLAR | 1.6 | 220 | 18.5 | - | 18.5 | - | SOLAR | - | - | - | - | - | - |
| 2. BIG BEND SOLAR | 19.4 | 2,400 | 16.6 | - | 16.6 | - | SOLAR | - | - | - | - | - | - |
| 3. LEGOLAND SOLAR | 1.5 | 150 | 13.4 | - | 13.4 | - | SOLAR | - | - | - | - | - | - |
| 4. FUTURE SOLAR | 405.0 | 56,930 | 18.9 | - | 18.9 | - | SOLAR | - | - | - | - | - | - |
| 5. TOTAL SOLAR | ⁽³⁾ 427.5 | 59,700 | 18.8 | - | 18.8 | - | SOLAR | - | - | - | - | - | - |
| 6. B.B.#1 (GAS) | 315 | 0 | 0.0 | - | - | - | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 7. B.B.#1 (COAL) | 0 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 8. TOTAL BIG BEND #1 | 315 | 0 | 0.0 | 87.6 | 0.0 | 0 | - | - | - | 0.0 | 0 | 0.00 | 0.00 |
| 9. B.B.#2 (GAS) | 350 | 0 | 0.0 | - | - | - | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 10. B.B.#2 (COAL) | 0 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 11. TOTAL BIG BEND #2 | 350 | 0 | 0.0 | 87.4 | 0.0 | 0 | - | - | - | 0.0 | 0 | 0.00 | 0.00 |
| 12. B.B.#3 (GAS) | 355 | 14,010 | 5.3 | - | - | - | GAS | 151,080 | 1,028,065 | 155,320.0 | 645,387 | 4.61 | 4.27 |
| 13. B.B.#3 (COAL) | 400 | 0 | 0.0 | - | - | - | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 14. TOTAL BIG BEND #3 | 355 | 14,010 | 5.3 | 91.3 | 50.6 | 11,086 | - | - | - | 155,320.0 | 645,387 | 4.61 | - |
| 15. B.B.#4 (GAS) | 195 | 10,560 | 7.3 | - | - | - | GAS | 107,700 | 1,028,041 | 110,720.0 | 460,075 | 4.36 | 4.27 |
| 16. B.B.#4 (COAL) | 442 | 200,550 | 61.0 | - | - | - | COAL | 93,500 | 22,499,465 | 2,103,700.0 | 6,408,571 | 3.20 | 68.54 |
| 17. TOTAL BIG BEND #4 | 442 | 211,110 | 64.2 | 77.3 | 75.6 | 10,489 | - | - | - | 2,214,420.0 | 6,868,646 | 3.25 | - |
| 18. B.B. IGNITION | - | - | - | - | - | - | GAS | 8,350 | - | 8,580.0 | 35,670 | - | 4.27 |
| 19. BIG BEND 1-4 COAL TOTAL | 842 | 200,550 | 32.0 | - | - | 10,490 | COAL | 93,500 | 22,499,465 | 2,103,700.0 | 6,408,571 | 3.20 | 68.54 |
| 20. B.B.C.T.#4 (OIL) | 0 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 21. B.B.C.T.#4 (GAS) | 61 | 1,710 | 3.8 | - | 96.7 | 11,836 | GAS | 19,680 | 1,028,455 | 20,240.0 | 84,070 | 4.92 | 4.27 |
| 22. B.B.C.T.#4 TOTAL | 61 | 1,710 | 3.8 | 98.2 | 96.7 | 11,836 | - | - | - | 20,240.0 | 84,070 | 4.92 | - |
| 23. BIG BEND STATION TOTAL | 1,523 | 226,830 | 20.0 | 85.8 | 73.5 | 10,536 | - | - | - | 2,389,980.0 | 7,633,773 | 3.37 | - |
| 24. POLK #1 GASIFIER | 220 | 0 | 0.0 | - | 0.0 | 0 | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 25. POLK #1 CT (GAS) | 205 | 43,270 | 28.4 | - | 88.3 | 8,171 | GAS | 343,940 | 1,028,028 | 353,580.0 | 1,469,251 | 3.40 | 4.27 |
| 26. POLK #1 TOTAL | 220 | 43,270 | 26.4 | 93.5 | 88.3 | 8,171 | - | - | - | 353,580.0 | 1,469,251 | 3.40 | - |
| 27. POLK #2 ST DUCT FIRING | 120 | 15,440 | 17.3 | - | 76.6 | 8,173 | GAS | 122,760 | 1,027,941 | 126,190.0 | 524,409 | 3.40 | 4.27 |
| 28. POLK #2 ST W/O DUCT FIRING | 360 | 626,730 | - | - | - | - | GAS | 4,115,260 | 1,027,998 | 4,230,480.0 | 17,579,666 | 2.80 | 4.27 |
| 29. POLK #2 ST TOTAL | 480 | 642,170 | 179.8 | - | 148.3 | 6,784 | GAS | - | - | 4,356,670.0 | 18,104,075 | 2.82 | - |
| 30. POLK #2 CT (GAS) | 180 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 31. POLK #2 CT (OIL) | 187 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 32. POLK #2 TOTAL | ⁽⁴⁾ 180 | 0 | 0.0 | - | 0.0 | 0 | - | - | - | 0.0 | 0 | 0.00 | - |
| 33. POLK #3 CT (GAS) | 180 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 34. POLK #3 CT (OIL) | 187 | 0 | 0.0 | - | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 35. POLK #3 TOTAL | ⁽⁴⁾ 180 | 0 | 0.0 | - | 0.0 | 0 | - | - | - | 0.0 | 0 | 0.00 | - |
| 36. POLK #4 CT (GAS) | ⁽⁴⁾ 180 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 37. POLK #5 CT (GAS) | ⁽⁴⁾ 180 | 0 | 0.0 | - | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 38. POLK #2 CC TOTAL | 1,200 | 642,170 | 71.9 | 93.2 | 148.3 | 6,784 | - | - | - | 4,356,670.0 | 18,104,075 | 2.82 | - |
| 39. POLK STATION TOTAL | 1,420 | 685,440 | 64.9 | 93.2 | 135.8 | 6,872 | - | - | - | 4,710,250.0 | 19,573,326 | 2.86 | - |
| 40. BAYSIDE #1 | 792 | 414,090 | 70.3 | 96.4 | 73.3 | 7,243 | GAS | 2,917,510 | 1,028,000 | 2,999,200.0 | 12,463,089 | 3.01 | 4.27 |
| 41. BAYSIDE #2 | 1,047 | 140,670 | 18.1 | 59.3 | 36.3 | 7,781 | GAS | 1,064,690 | 1,028,008 | 1,094,510.0 | 4,548,168 | 3.23 | 4.27 |
| 42. BAYSIDE #3 | 61 | 300 | 0.7 | 98.6 | 98.4 | 11,733 | GAS | 3,430 | 1,026,239 | 3,520.0 | 14,652 | 4.88 | 4.27 |
| 43. BAYSIDE #4 | 61 | 230 | 0.5 | 98.6 | 94.3 | 12,348 | GAS | 2,760 | 1,028,986 | 2,840.0 | 11,790 | 5.13 | 4.27 |
| 44. BAYSIDE #5 | 61 | 1,150 | 2.5 | 98.6 | 94.3 | 11,904 | GAS | 13,320 | 1,027,778 | 13,690.0 | 56,901 | 4.95 | 4.27 |
| 45. BAYSIDE #6 | 61 | 420 | 0.9 | 98.6 | 98.4 | 11,976 | GAS | 4,900 | 1,026,531 | 5,030.0 | 20,932 | 4.98 | 4.27 |
| 46. BAYSIDE TOTAL | 2,083 | 556,860 | 35.9 | 78.0 | 58.4 | 7,396 | GAS | 4,006,610 | 1,027,999 | 4,118,790.0 | 17,115,532 | 3.07 | 4.27 |
| 47. SYSTEM | 5,454 | 1,528,830 | 37.7 | 78.0 | 95.5 | 7,338 | - | - | - | 11,219,020.0 | 44,322,631 | 2.90 | - |

LEGEND:

B.B. = BIG BEND
CC = COMBINED CYCLE

CT = COMBUSTION TURBINE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition
⁽³⁾ AC rating

⁽⁴⁾ In Simple Cycle Mode

SCHEDULE E5

TAMPA ELECTRIC COMPANY
 SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS
 ESTIMATED FOR THE PERIOD: JANUARY 2019 THROUGH JUNE 2019

| | Jan-19 | Feb-19 | Mar-19 | Apr-19 | May-19 | Jun-19 |
|----------------------------|------------|------------|------------|------------|------------|------------|
| HEAVY OIL | | | | | | |
| 1. PURCHASES: | | | | | | |
| 2. UNITS (BBL) | 0 | 0 | 0 | 0 | 0 | 0 |
| 3. UNIT COST (\$/BBL) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4. AMOUNT (\$) | 0 | 0 | 0 | 0 | 0 | 0 |
| 5. BURNED: | | | | | | |
| 6. UNITS (BBL) | 0 | 0 | 0 | 0 | 0 | 0 |
| 7. UNIT COST (\$/BBL) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8. AMOUNT (\$) | 0 | 0 | 0 | 0 | 0 | 0 |
| 9. ENDING INVENTORY: | | | | | | |
| 10. UNITS (BBL) | 0 | 0 | 0 | 0 | 0 | 0 |
| 11. UNIT COST (\$/BBL) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12. AMOUNT (\$) | 0 | 0 | 0 | 0 | 0 | 0 |
| 13. DAYS SUPPLY: | 0 | 0 | 0 | 0 | 0 | 0 |
| LIGHT OIL | | | | | | |
| 14. PURCHASES: | | | | | | |
| 15. UNITS (BBL) | 0 | 0 | 0 | 0 | 0 | 0 |
| 16. UNIT COST (\$/BBL) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 17. AMOUNT (\$) | 0 | 0 | 0 | 0 | 0 | 0 |
| 18. BURNED: | | | | | | |
| 19. UNITS (BBL) | 0 | 0 | 0 | 1,120 | 0 | 0 |
| 20. UNIT COST (\$/BBL) | 0.00 | 0.00 | 0.00 | 127.48 | 0.00 | 0.00 |
| 21. AMOUNT (\$) | 0 | 0 | 0 | 142,781 | 0 | 0 |
| 22. ENDING INVENTORY: | | | | | | |
| 23. UNITS (BBL) | 43,998 | 43,998 | 43,998 | 42,878 | 42,878 | 42,878 |
| 24. UNIT COST (\$/BBL) | 127.48 | 127.48 | 127.48 | 127.48 | 127.48 | 127.48 |
| 25. AMOUNT (\$) | 5,609,055 | 5,609,055 | 5,609,055 | 5,466,274 | 5,466,274 | 5,466,274 |
| 26. DAYS SUPPLY: NORMAL | 14,339 | 14,339 | 14,378 | 14,012 | 14,012 | 14,012 |
| 27. DAYS SUPPLY: EMERGENCY | 6 | 6 | 6 | 6 | 6 | 6 |
| COAL | | | | | | |
| 28. PURCHASES: | | | | | | |
| 29. UNITS (TONS) | 70,000 | 70,000 | 70,000 | 30,000 | 55,000 | 70,000 |
| 30. UNIT COST (\$/TON) | 68.45 | 68.33 | 68.63 | 65.08 | 69.48 | 68.66 |
| 31. AMOUNT (\$) | 4,791,389 | 4,783,021 | 4,803,940 | 1,952,438 | 3,821,575 | 4,806,162 |
| 32. BURNED: | | | | | | |
| 33. UNITS (TONS) | 95,500 | 86,270 | 95,470 | 36,110 | 67,000 | 64,040 |
| 34. UNIT COST (\$/TON) | 64.86 | 66.58 | 66.92 | 67.66 | 67.77 | 68.07 |
| 35. AMOUNT (\$) | 6,194,339 | 5,743,558 | 6,388,903 | 2,443,106 | 4,540,414 | 4,358,991 |
| 36. ENDING INVENTORY: | | | | | | |
| 37. UNITS (TONS) | 375,718 | 359,448 | 333,978 | 327,868 | 315,868 | 321,828 |
| 38. UNIT COST (\$/TON) | 71.94 | 72.70 | 73.57 | 73.51 | 74.10 | 74.18 |
| 39. AMOUNT (\$) | 27,028,272 | 26,133,189 | 24,571,680 | 24,101,466 | 23,406,081 | 23,873,706 |
| 40. DAYS SUPPLY: | 122 | 147 | 155 | 178 | 147 | 150 |
| NATURAL GAS | | | | | | |
| 41. PURCHASES: | | | | | | |
| 42. UNITS (MCF) | 8,739,821 | 7,313,120 | 8,126,920 | 10,383,970 | 11,643,255 | 11,165,880 |
| 43. UNIT COST (\$/MCF) | 5.79 | 5.53 | 5.30 | 3.96 | 3.89 | 3.92 |
| 44. AMOUNT (\$) | 50,627,112 | 40,435,037 | 43,106,031 | 41,080,695 | 45,327,186 | 43,811,960 |
| 45. BURNED: | | | | | | |
| 46. UNITS (MCF) | 8,733,730 | 7,313,120 | 8,126,920 | 10,383,970 | 11,254,150 | 11,165,880 |
| 47. UNIT COST (\$/MCF) | 5.64 | 5.55 | 5.33 | 4.08 | 3.94 | 3.92 |
| 48. AMOUNT (\$) | 49,255,967 | 40,589,117 | 43,350,111 | 42,338,535 | 44,320,146 | 43,786,040 |
| 49. ENDING INVENTORY: | | | | | | |
| 50. UNITS (MCF) | 437,743 | 437,743 | 437,743 | 437,743 | 826,848 | 826,848 |
| 51. UNIT COST (\$/MCF) | 6.77 | 6.42 | 5.86 | 2.99 | 2.80 | 2.83 |
| 52. AMOUNT (\$) | 2,965,385 | 2,811,305 | 2,567,225 | 1,309,385 | 2,316,425 | 2,342,345 |
| 53. DAYS SUPPLY: | 1 | 1 | 1 | 1 | 3 | 3 |
| NUCLEAR | | | | | | |
| 54. BURNED: | | | | | | |
| 55. UNITS (MMBTU) | 0 | 0 | 0 | 0 | 0 | 0 |
| 56. UNIT COST (\$/MMBTU) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 57. AMOUNT (\$) | 0 | 0 | 0 | 0 | 0 | 0 |
| OTHER | | | | | | |
| 58. PURCHASES: | | | | | | |
| 59. UNITS (MMBTU) | 0 | 0 | 0 | 0 | 0 | 0 |
| 60. UNIT COST (\$/MMBTU) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 61. AMOUNT (\$) | 0 | 0 | 0 | 0 | 0 | 0 |
| 62. BURNED: | | | | | | |
| 63. UNITS (MMBTU) | 0 | 0 | 0 | 0 | 0 | 0 |
| 64. UNIT COST (\$/MMBTU) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 65. AMOUNT (\$) | 0 | 0 | 0 | 0 | 0 | 0 |
| 66. ENDING INVENTORY: | | | | | | |
| 67. UNITS (MMBTU) | 0 | 0 | 0 | 0 | 0 | 0 |
| 68. UNIT COST (\$/MMBTU) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 69. AMOUNT (\$) | 0 | 0 | 0 | 0 | 0 | 0 |
| 70. DAYS SUPPLY: | 0 | 0 | 0 | 0 | 0 | 0 |

NOTE: BEGINNING & ENDING INVENTORIES MAY NOT BALANCE BECAUSE OF THE FOLLOWING
 (1) LIGHT OIL-IGNITION AND ANALYSIS (2) COAL-IGNITION, ADDITIVES, ANALYSIS, AND INVENTORY ADJUSTMENTS (3) GAS-IGNITION

SCHEDULE E5

TAMPA ELECTRIC COMPANY
 SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS
 ESTIMATED FOR THE PERIOD: JULY 2019 THROUGH DECEMBER 2019

| | Jul-19 | Aug-19 | Sep-19 | Oct-19 | Nov-19 | Dec-19 | TOTAL |
|----------------------------|------------|------------|------------|------------|------------|------------|-------------|
| HEAVY OIL | | | | | | | |
| PURCHASES: | | | | | | | |
| 1. UNITS (BBL) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2. UNIT COST (\$/BBL) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3. AMOUNT (\$) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BURNED: | | | | | | | |
| 4. UNITS (BBL) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5. UNIT COST (\$/BBL) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6. AMOUNT (\$) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ENDING INVENTORY: | | | | | | | |
| 7. UNITS (BBL) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8. UNIT COST (\$/BBL) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9. AMOUNT (\$) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10. DAYS SUPPLY: | 0 | 0 | 0 | 0 | 0 | 0 | - |
| LIGHT OIL | | | | | | | |
| PURCHASES: | | | | | | | |
| 11. UNITS (BBL) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12. UNIT COST (\$/BBL) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13. AMOUNT (\$) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BURNED: | | | | | | | |
| 14. UNITS (BBL) | 0 | 0 | 0 | 0 | 0 | 0 | 1,120 |
| 15. UNIT COST (\$/BBL) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 127.48 |
| 16. AMOUNT (\$) | 0 | 0 | 0 | 0 | 0 | 0 | 142,781 |
| ENDING INVENTORY: | | | | | | | |
| 17. UNITS (BBL) | 42,878 | 42,878 | 42,878 | 42,878 | 42,878 | 42,878 | 42,878 |
| 18. UNIT COST (\$/BBL) | 127.48 | 127.48 | 127.48 | 127.48 | 127.48 | 127.48 | 127.48 |
| 19. AMOUNT (\$) | 5,466,274 | 5,466,274 | 5,466,274 | 5,466,274 | 5,466,274 | 5,466,274 | 5,466,274 |
| 20. DAYS SUPPLY: NORMAL | 14,012 | 14,012 | 14,012 | 14,012 | 14,012 | 14,012 | - |
| 21. DAYS SUPPLY: EMERGENCY | 6 | 6 | 6 | 6 | 6 | 6 | - |
| COAL | | | | | | | |
| PURCHASES: | | | | | | | |
| 22. UNITS (TONS) | 57,500 | 57,500 | 45,000 | 45,000 | 55,000 | 55,000 | 680,000 |
| 23. UNIT COST (\$/TON) | 67.34 | 67.33 | 65.08 | 65.08 | 69.81 | 69.81 | 68.00 |
| 24. AMOUNT (\$) | 3,872,241 | 3,871,195 | 2,928,656 | 2,928,656 | 3,839,810 | 3,839,810 | 46,238,893 |
| BURNED: | | | | | | | |
| 25. UNITS (TONS) | 67,130 | 66,780 | 60,690 | 0 | 69,060 | 93,500 | 801,550 |
| 26. UNIT COST (\$/TON) | 68.94 | 68.46 | 68.58 | 0.00 | 68.66 | 68.54 | 67.60 |
| 27. AMOUNT (\$) | 4,628,114 | 4,571,434 | 4,162,345 | 0 | 4,741,470 | 6,408,571 | 54,181,245 |
| ENDING INVENTORY: | | | | | | | |
| 28. UNITS (TONS) | 312,198 | 302,918 | 287,228 | 332,228 | 318,168 | 279,668 | 279,668 |
| 29. UNIT COST (\$/TON) | 74.27 | 74.32 | 74.19 | 72.96 | 73.44 | 74.44 | 74.44 |
| 30. AMOUNT (\$) | 23,186,287 | 22,513,320 | 21,309,903 | 24,238,559 | 23,367,171 | 20,818,864 | 20,818,864 |
| 31. DAYS SUPPLY: | 148 | 219 | 201 | 188 | 113 | 92 | - |
| NATURAL GAS | | | | | | | |
| PURCHASES: | | | | | | | |
| 32. UNITS (MCF) | 12,024,630 | 12,097,040 | 11,282,560 | 10,757,510 | 8,349,155 | 8,875,380 | 120,759,241 |
| 33. UNIT COST (\$/MCF) | 3.95 | 3.94 | 3.91 | 4.03 | 4.16 | 4.29 | 4.30 |
| 34. AMOUNT (\$) | 47,463,546 | 47,609,361 | 44,081,714 | 43,312,514 | 34,759,993 | 38,096,760 | 519,711,849 |
| BURNED: | | | | | | | |
| 35. UNITS (MCF) | 12,024,630 | 12,097,040 | 11,282,560 | 10,757,510 | 8,738,260 | 8,875,380 | 120,753,150 |
| 36. UNIT COST (\$/MCF) | 3.94 | 3.94 | 3.91 | 4.02 | 4.10 | 4.27 | 4.31 |
| 37. AMOUNT (\$) | 47,422,586 | 47,615,441 | 44,126,514 | 43,274,434 | 35,862,153 | 37,914,060 | 519,855,104 |
| ENDING INVENTORY: | | | | | | | |
| 38. UNITS (MCF) | 826,848 | 826,848 | 826,848 | 826,848 | 437,743 | 437,743 | 437,743 |
| 39. UNIT COST (\$/MCF) | 2.88 | 2.88 | 2.82 | 2.87 | 2.90 | 3.31 | 3.31 |
| 40. AMOUNT (\$) | 2,383,305 | 2,377,225 | 2,332,425 | 2,370,505 | 1,268,345 | 1,450,985 | 1,450,985 |
| 41. DAYS SUPPLY: | 3 | 3 | 3 | 3 | 1 | 1 | - |
| NUCLEAR | | | | | | | |
| BURNED: | | | | | | | |
| 42. UNITS (MMBTU) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 43. UNIT COST (\$/MMBTU) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 44. AMOUNT (\$) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OTHER | | | | | | | |
| PURCHASES: | | | | | | | |
| 45. UNITS (MMBTU) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 46. UNIT COST (\$/MMBTU) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 47. AMOUNT (\$) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BURNED: | | | | | | | |
| 48. UNITS (MMBTU) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 49. UNIT COST (\$/MMBTU) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 50. AMOUNT (\$) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ENDING INVENTORY: | | | | | | | |
| 51. UNITS (MMBTU) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 52. UNIT COST (\$/MMBTU) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 53. AMOUNT (\$) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 54. DAYS SUPPLY: | 0 | 0 | 0 | 0 | 0 | 0 | - |

NOTE: BEGINNING & ENDING INVENTORIES MAY NOT BALANCE BECAUSE OF THE FOLLOWING
 (1) LIGHT OIL-IGNITION AND ANALYSIS (2) COAL-IGNITION, ADDITIVES, ANALYSIS, AND INVENTORY ADJUSTMENTS (3) GAS-IGNITION

**TAMPA ELECTRIC COMPANY
POWER SOLD
ESTIMATED FOR THE PERIOD: JANUARY 2019 THROUGH JUNE 2019**

SCHEDULE E6

| (1) MONTH | (2) SOLD TO | (3) TYPE & SCHEDULE | (4) TOTAL MWH SOLD | (5) MWH WHEELED FROM OTHER SYSTEMS | (6) MWH FROM OWN GENERATION | (7) CENTS/KWH | | (8) TOTAL \$ FOR FUEL ADJUSTMENT | (9) TOTAL COST \$ | (10) GAINS ON SALES | |
|--------------|----------------|---------------------------|-----------------------------|---|--------------------------------------|---------------------|----------------------|---|-------------------------|---------------------------|-----------------|
| | | | | | | (A) FUEL COST | (B) TOTAL COST | | | | |
| Jan-19 | SEMINOLE | JURISD. | SCH. - D | 820.0 | 0.0 | 820.0 | 3.293 | 3.458 | 27,000.00 | 28,354.00 | 1,354.00 |
| | VARIOUS | JURISD. | MKT. BASE | 1,110.0 | 0.0 | 1,110.0 | 4.350 | 4.786 | 48,286.08 | 53,120.00 | 4,833.92 |
| | TOTAL | | | 1,930.0 | 0.0 | 1,930.0 | 3.901 | 4.221 | 75,286.08 | 81,474.00 | 6,187.92 |
| Feb-19 | SEMINOLE | JURISD. | SCH. - D | 660.0 | 0.0 | 660.0 | 3.300 | 3.465 | 21,780.00 | 22,872.00 | 1,092.00 |
| | VARIOUS | JURISD. | MKT. BASE | 880.0 | 0.0 | 880.0 | 4.423 | 4.866 | 38,923.38 | 42,820.00 | 3,896.62 |
| | TOTAL | | | 1,540.0 | 0.0 | 1,540.0 | 3.942 | 4.266 | 60,703.38 | 65,692.00 | 4,988.62 |
| Mar-19 | SEMINOLE | JURISD. | SCH. - D | 870.0 | 0.0 | 870.0 | 3.164 | 3.323 | 27,530.00 | 28,910.00 | 1,380.00 |
| | VARIOUS | JURISD. | MKT. BASE | 1,010.0 | 0.0 | 1,010.0 | 4.017 | 4.419 | 40,568.67 | 44,630.00 | 4,061.33 |
| | TOTAL | | | 1,880.0 | 0.0 | 1,880.0 | 3.622 | 3.912 | 68,098.67 | 73,540.00 | 5,441.33 |
| Apr-19 | SEMINOLE | JURISD. | SCH. - D | 1,090.0 | 0.0 | 1,090.0 | 2.628 | 2.760 | 28,650.00 | 30,086.00 | 1,436.00 |
| | VARIOUS | JURISD. | MKT. BASE | 1,020.0 | 0.0 | 1,020.0 | 3.462 | 3.809 | 35,314.65 | 38,850.00 | 3,535.35 |
| | TOTAL | | | 2,110.0 | 0.0 | 2,110.0 | 3.032 | 3.267 | 63,964.65 | 68,936.00 | 4,971.35 |
| May-19 | SEMINOLE | JURISD. | SCH. - D | 930.0 | 0.0 | 930.0 | 2.337 | 2.454 | 21,730.00 | 22,819.00 | 1,089.00 |
| | VARIOUS | JURISD. | MKT. BASE | 1,050.0 | 0.0 | 1,050.0 | 3.758 | 4.134 | 39,459.69 | 43,410.00 | 3,950.31 |
| | TOTAL | | | 1,980.0 | 0.0 | 1,980.0 | 3.090 | 3.345 | 61,189.69 | 66,229.00 | 5,039.31 |
| Jun-19 | SEMINOLE | JURISD. | SCH. - D | 990.0 | 0.0 | 990.0 | 2.362 | 2.480 | 23,380.00 | 24,552.00 | 1,172.00 |
| | VARIOUS | JURISD. | MKT. BASE | 930.0 | 0.0 | 930.0 | 4.477 | 4.925 | 41,632.20 | 45,800.00 | 4,167.80 |
| | TOTAL | | | 1,920.0 | 0.0 | 1,920.0 | 3.386 | 3.664 | 65,012.20 | 70,352.00 | 5,339.80 |

TAMPA ELECTRIC COMPANY

SCHEDULE E6

POWER SOLD

ESTIMATED FOR THE PERIOD: JULY 2019 THROUGH DECEMBER 2019

| (1) | (2) | (3) | (4) | (5) | (6) | (7) | | (8) | (9) | (10) | |
|--------------------|--------------|-----------------|----------------|--------------------------------|-------------------------|-----------------|--------------|------------------------------|-------------------|-------------------|------------------|
| | | | | | | CENTS/KWH | | | | | |
| MONTH | SOLD TO | TYPE & SCHEDULE | TOTAL MWH SOLD | MWH WHEELED FROM OTHER SYSTEMS | MWH FROM OWN GENERATION | FUEL | TOTAL | TOTAL \$ FOR FUEL ADJUSTMENT | TOTAL COST \$ | GAINS ON SALES | |
| | | | | | | COST | COST | | | | |
| Jul-19 | SEMINOLE | JURISD. | SCH. - D | 1,000.0 | 0.0 | 1,000.0 | 2.364 | 2.483 | 23,640.00 | 24,825.00 | 1,185.00 |
| | VARIOUS | JURISD. | MKT. BASE | 900.0 | 0.0 | 900.0 | 3.306 | 3.637 | 29,751.57 | 32,730.00 | 2,978.43 |
| | TOTAL | | | 1,900.0 | 0.0 | 1,900.0 | 2.810 | 3.029 | 53,391.57 | 57,555.00 | 4,163.43 |
| Aug-19 | SEMINOLE | JURISD. | SCH. - D | 1,010.0 | 0.0 | 1,010.0 | 2.374 | 2.493 | 23,980.00 | 25,182.00 | 1,202.00 |
| | VARIOUS | JURISD. | MKT. BASE | 1,130.0 | 0.0 | 1,130.0 | 3.395 | 3.735 | 38,368.89 | 42,210.00 | 3,841.11 |
| | TOTAL | | | 2,140.0 | 0.0 | 2,140.0 | 2.913 | 3.149 | 62,348.89 | 67,392.00 | 5,043.11 |
| Sep-19 | SEMINOLE | JURISD. | SCH. - D | 1,000.0 | 0.0 | 1,000.0 | 2.277 | 2.391 | 22,770.00 | 23,912.00 | 1,142.00 |
| | VARIOUS | JURISD. | MKT. BASE | 930.0 | 0.0 | 930.0 | 3.046 | 3.351 | 28,324.44 | 31,160.00 | 2,835.56 |
| | TOTAL | | | 1,930.0 | 0.0 | 1,930.0 | 2.647 | 2.853 | 51,094.44 | 55,072.00 | 3,977.56 |
| Oct-19 | SEMINOLE | JURISD. | SCH. - D | 730.0 | 0.0 | 730.0 | 2.551 | 2.679 | 18,620.00 | 19,554.00 | 934.00 |
| | VARIOUS | JURISD. | MKT. BASE | 1,130.0 | 0.0 | 1,130.0 | 4.038 | 4.442 | 45,631.80 | 50,200.00 | 4,568.20 |
| | TOTAL | | | 1,860.0 | 0.0 | 1,860.0 | 3.454 | 3.750 | 64,251.80 | 69,754.00 | 5,502.20 |
| Nov-19 | SEMINOLE | JURISD. | SCH. - D | 640.0 | 0.0 | 640.0 | 2.541 | 2.668 | 16,260.00 | 17,075.00 | 815.00 |
| | VARIOUS | JURISD. | MKT. BASE | 700.0 | 0.0 | 700.0 | 3.420 | 3.763 | 23,943.06 | 26,340.00 | 2,396.94 |
| | TOTAL | | | 1,340.0 | 0.0 | 1,340.0 | 3.000 | 3.240 | 40,203.06 | 43,415.00 | 3,211.94 |
| Dec-19 | SEMINOLE | JURISD. | SCH. - D | 590.0 | 0.0 | 590.0 | 2.734 | 2.871 | 16,130.00 | 16,939.00 | 809.00 |
| | VARIOUS | JURISD. | MKT. BASE | 1,200.0 | 0.0 | 1,200.0 | 3.571 | 3.928 | 42,850.26 | 47,140.00 | 4,289.74 |
| | TOTAL | | | 1,790.0 | 0.0 | 1,790.0 | 3.295 | 3.580 | 58,980.26 | 64,079.00 | 5,098.74 |
| TOTAL | SEMINOLE | JURISD. | SCH. - D | 10,330.0 | 0.0 | 10,330.0 | 2.628 | 2.760 | 271,470.00 | 285,080.00 | 13,610.00 |
| Jan-19 | VARIOUS | JURISD. | MKT. BASE | 11,990.0 | 0.0 | 11,990.0 | 3.779 | 4.157 | 453,054.69 | 498,410.00 | 45,355.31 |
| THRU Dec-19 | TOTAL | | | 22,320.0 | 0.0 | 22,320.0 | 3.246 | 3.510 | 724,524.69 | 783,490.00 | 58,965.31 |

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TAMPA ELECTRIC COMPANY
 PURCHASED POWER
 EXCLUSIVE OF ECONOMY AND QUALIFYING FACILITIES
 ESTIMATED FOR THE PERIOD: JANUARY 2019 THROUGH DECEMBER 2019

SCHEDULE E7

| (1) MONTH | (2) PURCHASED FROM | (3) TYPE & SCHEDULE | (4) TOTAL MWH PURCHASED | (5) MWH FOR OTHER UTILITIES | (6) MWH FOR INTERRUP- TIBLE | (7) MWH FOR FIRM | (8) CENTS/KWH | | (9) TOTAL \$ FOR FUEL ADJUSTMENT |
|-----------------------------------|--------------------------|------------------------------|----------------------------------|---|---|---------------------------|---------------------|----------------------|---|
| | | | | | | | (A) FUEL COST | (B) TOTAL COST | |
| Jan-19 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| | TOTAL | | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| Feb-19 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| | TOTAL | | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| Mar-19 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| | TOTAL | | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| Apr-19 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| | TOTAL | | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| May-19 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| | TOTAL | | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| Jun-19 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| | TOTAL | | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| Jul-19 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| | TOTAL | | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| Aug-19 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| | TOTAL | | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| Sep-19 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| | TOTAL | | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| Oct-19 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| | TOTAL | | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| Nov-19 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| | TOTAL | | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| Dec-19 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| | TOTAL | | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| TOTAL Jan-19 THRU Dec-19 | TOTAL | | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |

TAMPA ELECTRIC COMPANY
 ENERGY PAYMENT TO QUALIFYING FACILITIES
 ESTIMATED FOR THE PERIOD: JANUARY 2019 THROUGH DECEMBER 2019

SCHEDULE E8

| (1) MONTH | (2) PURCHASED FROM | (3) TYPE & SCHEDULE | (4) TOTAL MWH PURCHASED | (5) MWH FOR OTHER UTILITIES | (6) MWH FOR INTERRUPTIBLE | (7) MWH FOR FIRM | (8) CENTS/KWH | | (9) TOTAL \$ FOR FUEL ADJUSTMENT |
|--------------|-----------------------|------------------------|----------------------------|--------------------------------|------------------------------|---------------------|------------------|-------------------|-------------------------------------|
| | | | | | | | (A) FUEL COST | (B) TOTAL COST | |
| Jan-19 | VARIOUS | CO-GEN. | | | | | | | |
| | | AS AVAIL. | 7,690.0 | 0.0 | 0.0 | 7,690.0 | 3.779 | 3.779 | 290,630.00 |
| | TOTAL | | 7,690.0 | 0.0 | 0.0 | 7,690.0 | 3.779 | 3.779 | 290,630.00 |
| Feb-19 | VARIOUS | CO-GEN. | | | | | | | |
| | | AS AVAIL. | 7,290.0 | 0.0 | 0.0 | 7,290.0 | 3.241 | 3.241 | 236,240.00 |
| | TOTAL | | 7,290.0 | 0.0 | 0.0 | 7,290.0 | 3.241 | 3.241 | 236,240.00 |
| Mar-19 | VARIOUS | CO-GEN. | | | | | | | |
| | | AS AVAIL. | 7,550.0 | 0.0 | 0.0 | 7,550.0 | 2.506 | 2.506 | 189,240.00 |
| | TOTAL | | 7,550.0 | 0.0 | 0.0 | 7,550.0 | 2.506 | 2.506 | 189,240.00 |
| Apr-19 | VARIOUS | CO-GEN. | | | | | | | |
| | | AS AVAIL. | 7,530.0 | 0.0 | 0.0 | 7,530.0 | 2.168 | 2.168 | 163,260.00 |
| | TOTAL | | 7,530.0 | 0.0 | 0.0 | 7,530.0 | 2.168 | 2.168 | 163,260.00 |
| May-19 | VARIOUS | CO-GEN. | | | | | | | |
| | | AS AVAIL. | 7,540.0 | 0.0 | 0.0 | 7,540.0 | 2.980 | 2.980 | 224,660.00 |
| | TOTAL | | 7,540.0 | 0.0 | 0.0 | 7,540.0 | 2.980 | 2.980 | 224,660.00 |
| Jun-19 | VARIOUS | CO-GEN. | | | | | | | |
| | | AS AVAIL. | 7,460.0 | 0.0 | 0.0 | 7,460.0 | 2.512 | 2.512 | 187,380.00 |
| | TOTAL | | 7,460.0 | 0.0 | 0.0 | 7,460.0 | 2.512 | 2.512 | 187,380.00 |
| Jul-19 | VARIOUS | CO-GEN. | | | | | | | |
| | | AS AVAIL. | 7,460.0 | 0.0 | 0.0 | 7,460.0 | 3.036 | 3.036 | 226,500.00 |
| | TOTAL | | 7,460.0 | 0.0 | 0.0 | 7,460.0 | 3.036 | 3.036 | 226,500.00 |
| Aug-19 | VARIOUS | CO-GEN. | | | | | | | |
| | | AS AVAIL. | 7,540.0 | 0.0 | 0.0 | 7,540.0 | 3.534 | 3.534 | 266,490.00 |
| | TOTAL | | 7,540.0 | 0.0 | 0.0 | 7,540.0 | 3.534 | 3.534 | 266,490.00 |
| Sep-19 | VARIOUS | CO-GEN. | | | | | | | |
| | | AS AVAIL. | 7,500.0 | 0.0 | 0.0 | 7,500.0 | 2.517 | 2.517 | 188,810.00 |
| | TOTAL | | 7,500.0 | 0.0 | 0.0 | 7,500.0 | 2.517 | 2.517 | 188,810.00 |
| Oct-19 | VARIOUS | CO-GEN. | | | | | | | |
| | | AS AVAIL. | 7,600.0 | 0.0 | 0.0 | 7,600.0 | 3.272 | 3.272 | 248,690.00 |
| | TOTAL | | 7,600.0 | 0.0 | 0.0 | 7,600.0 | 3.272 | 3.272 | 248,690.00 |
| Nov-19 | VARIOUS | CO-GEN. | | | | | | | |
| | | AS AVAIL. | 7,370.0 | 0.0 | 0.0 | 7,370.0 | 3.054 | 3.054 | 225,080.00 |
| | TOTAL | | 7,370.0 | 0.0 | 0.0 | 7,370.0 | 3.054 | 3.054 | 225,080.00 |
| Dec-19 | VARIOUS | CO-GEN. | | | | | | | |
| | | AS AVAIL. | 7,590.0 | 0.0 | 0.0 | 7,590.0 | 2.568 | 2.568 | 194,890.00 |
| | TOTAL | | 7,590.0 | 0.0 | 0.0 | 7,590.0 | 2.568 | 2.568 | 194,890.00 |
| TOTAL | VARIOUS | CO-GEN. | | | | | | | |
| Jan-19 | | AS AVAIL. | 90,120.0 | 0.0 | 0.0 | 90,120.0 | 2.932 | 2.932 | 2,641,870.00 |
| THRU | TOTAL | | 90,120.0 | 0.0 | 0.0 | 90,120.0 | 2.932 | 2.932 | 2,641,870.00 |
| Dec-19 | | | | | | | | | |

**TAMPA ELECTRIC COMPANY
ECONOMY ENERGY PURCHASES
ESTIMATED FOR THE PERIOD: JANUARY 2019 THROUGH DECEMBER 2019**

SCHEDULE E9

| (1) MONTH | (2) PURCHASED FROM | (3) TYPE & SCHEDULE | (4) TOTAL MWH PURCHASED | (5) MWH FOR INTERRUPTIBLE | (6) MWH FOR FIRM | (7) TRANSACT. COST cents/KWH | (8) TOTAL \$ FOR FUEL ADJUSTMENT | (9) COST IF GENERATED | | (10) FUEL SAVINGS (9B)-(8) |
|--------------|-----------------------|------------------------|----------------------------|------------------------------|---------------------|---------------------------------|-------------------------------------|--------------------------|----------------------|-------------------------------|
| | | | | | | | | (A) CENTS PER KWH | (B) (\$000) | |
| Jan-19 | VARIOUS | ECONOMY | 1,990.0 | 0.0 | 1,990.0 | 5.152 | 102,520.00 | 7.518 | 149,608.00 | 47,088.00 |
| Feb-19 | VARIOUS | ECONOMY | 10,750.0 | 0.0 | 10,750.0 | 4.585 | 492,910.00 | 7.299 | 784,690.00 | 291,780.00 |
| Mar-19 | VARIOUS | ECONOMY | 17,200.0 | 0.0 | 17,200.0 | 4.633 | 796,830.00 | 6.137 | 1,055,630.00 | 258,800.00 |
| Apr-19 | VARIOUS | ECONOMY | 14,640.0 | 0.0 | 14,640.0 | 4.055 | 593,710.00 | 7.564 | 1,107,380.00 | 513,670.00 |
| May-19 | VARIOUS | ECONOMY | 14,070.0 | 0.0 | 14,070.0 | 4.087 | 575,020.00 | 5.974 | 840,540.00 | 265,520.00 |
| Jun-19 | VARIOUS | ECONOMY | 157,360.0 | 0.0 | 157,360.0 | 3.633 | 5,716,820.00 | 4.026 | 6,335,980.00 | 619,160.00 |
| Jul-19 | VARIOUS | ECONOMY | 157,290.0 | 0.0 | 157,290.0 | 3.633 | 5,713,760.00 | 4.047 | 6,365,350.00 | 651,590.00 |
| Aug-19 | VARIOUS | ECONOMY | 153,140.0 | 0.0 | 153,140.0 | 3.602 | 5,516,000.00 | 4.131 | 6,326,360.00 | 810,360.00 |
| Sep-19 | VARIOUS | ECONOMY | 153,200.0 | 0.0 | 153,200.0 | 3.637 | 5,572,520.00 | 3.868 | 5,926,310.00 | 353,790.00 |
| Oct-19 | VARIOUS | ECONOMY | 164,460.0 | 0.0 | 164,460.0 | 3.633 | 5,974,220.00 | 4.161 | 6,842,460.00 | 868,240.00 |
| Nov-19 | VARIOUS | ECONOMY | 24,780.0 | 0.0 | 24,780.0 | 3.325 | 823,900.00 | 5.083 | 1,259,540.00 | 435,640.00 |
| Dec-19 | VARIOUS | ECONOMY | 25,490.0 | 0.0 | 25,490.0 | 3.958 | 1,008,830.00 | 7.778 | 1,982,590.00 | 973,760.00 |
| TOTAL | VARIOUS | ECONOMY | 894,370.0 | 0.0 | 894,370.0 | 3.677 | 32,887,040.00 | 4.358 | 38,976,438.00 | 6,089,398.00 |

**TAMPA ELECTRIC COMPANY
RESIDENTIAL BILL COMPARISON
FOR MONTHLY USAGE OF 1,000 KWH**

| | Current Jan 19 - Mar 19 | Projected Apr 19 - Dec 19 | Difference | |
|------------------------------------|----------------------------|------------------------------|---------------|-------------|
| | | | \$ | % |
| Base Rate Revenue | 66.53 | 66.53 | 0.00 | 0.0% |
| Fuel Recovery Revenue | 24.05 | 29.13 | 5.08 | 21.1% |
| Conservation Revenue | 3.21 | 3.21 | 0.00 | 0.0% |
| Capacity Revenue | 1.03 | (0.10) | (1.13) | -109.7% |
| Environmental Revenue | 2.22 | 2.22 | 0.00 | 0.0% |
| Florida Gross Receipts Tax Revenue | 2.49 | 2.59 | 0.10 | 4.0% |
| TOTAL REVENUE | \$99.53 | \$103.58 | \$4.05 | 4.1% |

SCHEDULE H1

TAMPA ELECTRIC COMPANY
 GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
 PERIOD: JANUARY THROUGH DECEMBER

| | ACTUAL 2016 | ACTUAL 2017 | ACT/EST 2018 | EST 2019 | DIFFERENCE (%) | | |
|--|--------------------|--------------------|--------------------|--------------------|----------------|--------------|--------------|
| | | | | | 2017-2016 | 2018-2017 | 2019-2018 |
| FUEL COST OF SYSTEM NET GENERATION (\$) | | | | | | | |
| 1 HEAVY OIL ⁽¹⁾ | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 2 LIGHT OIL ⁽¹⁾ | 1,889,022 | 10,825 | 0 | 142,781 | -99.4% | -100.0% | 0.0% |
| 3 COAL | 272,390,442 | 198,469,769 | 108,794,918 | 54,181,245 | -27.1% | -45.2% | -50.2% |
| 4 NATURAL GAS | 302,563,572 | 412,107,824 | 459,450,124 | 519,855,104 | 36.2% | 11.5% | 13.1% |
| 5 NUCLEAR | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 6 OTHER | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 7 TOTAL (\$) | 576,843,036 | 610,588,418 | 568,245,042 | 574,179,130 | 5.9% | -6.9% | 1.0% |
| SYSTEM NET GENERATION (MWH) | | | | | | | |
| 8 HEAVY OIL ⁽¹⁾ | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 9 LIGHT OIL ⁽¹⁾ | 182 | 36 | 81 | 600 | -80.2% | 125.0% | 640.7% |
| 10 COAL | 7,754,354 | 6,013,495 | 2,980,984 | 1,639,120 | -22.5% | -50.4% | -45.0% |
| 11 NATURAL GAS | 9,865,453 | 13,685,288 | 15,818,664 | 16,822,800 | 38.7% | 15.6% | 6.3% |
| 12 NUCLEAR | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 13 OTHER | 3,316 | 44,594 | 137,856 | 1,022,630 | 1244.8% | 209.1% | 641.8% |
| 14 TOTAL (MWH) | 17,623,305 | 19,743,413 | 18,937,585 | 19,485,150 | 12.0% | -4.1% | 2.9% |
| UNITS OF FUEL BURNED | | | | | | | |
| 15 HEAVY OIL (BBL) ⁽¹⁾ | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 16 LIGHT OIL (BBL) ⁽¹⁾ | 532 | 85 | 0 | 1,120 | -84.0% | -100.0% | 0.0% |
| 17 COAL (TON) | 3,397,515 | 2,655,830 | 1,409,927 | 801,550 | -21.8% | -46.9% | -43.1% |
| 18 NATURAL GAS (MCF) | 77,886,370 | 100,512,457 | 115,173,325 | 120,753,150 | 29.1% | 14.6% | 4.8% |
| 19 NUCLEAR (MMBTU) | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 20 OTHER | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| BTUS BURNED (MMBTU) | | | | | | | |
| 21 HEAVY OIL ⁽¹⁾ | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 22 LIGHT OIL ⁽¹⁾ | 3,071 | 495 | 1,349 | 6,460 | -83.9% | 172.5% | 378.9% |
| 23 COAL | 82,203,563 | 64,801,532 | 33,200,233 | 18,034,930 | -21.2% | -48.8% | -45.7% |
| 24 NATURAL GAS | 79,678,589 | 102,771,003 | 117,903,382 | 123,906,740 | 29.0% | 14.7% | 5.1% |
| 25 NUCLEAR | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 26 OTHER | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 27 TOTAL (MMBTU) | 161,885,222 | 167,573,029 | 151,104,964 | 141,948,130 | 3.5% | -9.8% | -6.1% |
| GENERATION MIX (% MWH) | | | | | | | |
| 28 HEAVY OIL ⁽¹⁾ | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | 0.0% | 0.0% |
| 29 LIGHT OIL ⁽¹⁾ | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | 0.0% | 0.0% |
| 30 COAL | 44.00 | 30.45 | 15.74 | 8.41 | -30.8% | -48.3% | -46.6% |
| 31 NATURAL GAS | 55.98 | 69.32 | 83.53 | 86.34 | 23.8% | 20.5% | 3.4% |
| 32 NUCLEAR | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | 0.0% | 0.0% |
| 33 OTHER | 0.02 | 0.23 | 0.73 | 5.25 | 1050.0% | 217.4% | 619.2% |
| 34 TOTAL (%) | 100.00 | 100.00 | 100.00 | 100.00 | 0.0% | 0.0% | 0.0% |
| FUEL COST PER UNIT | | | | | | | |
| 35 HEAVY OIL (\$/BBL) ⁽¹⁾ | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | 0.0% | 0.0% |
| 36 LIGHT OIL (\$/BBL) ⁽¹⁾ | 3,550.79 | 127.35 | 0.00 | 127.48 | -96.4% | -100.0% | 0.0% |
| 37 COAL (\$/TON) | 80.17 | 74.73 | 77.16 | 67.60 | -6.8% | 3.3% | -12.4% |
| 38 NATURAL GAS (\$/MCF) | 3.88 | 4.10 | 3.99 | 4.31 | 5.7% | -2.7% | 8.0% |
| 39 NUCLEAR (\$/MMBTU) | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | 0.0% | 0.0% |
| 40 OTHER | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | 0.0% | 0.0% |
| FUEL COST PER MMBTU (\$/MMBTU) | | | | | | | |
| 41 HEAVY OIL ⁽¹⁾ | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | 0.0% | 0.0% |
| 42 LIGHT OIL ⁽¹⁾ | 615.12 | 21.87 | 0.00 | 22.10 | -96.4% | -100.0% | 0.0% |
| 43 COAL | 3.31 | 3.06 | 3.28 | 3.00 | -7.6% | 7.2% | -8.5% |
| 44 NATURAL GAS | 3.80 | 4.01 | 3.90 | 4.20 | 5.5% | -2.7% | 7.7% |
| 45 NUCLEAR | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | 0.0% | 0.0% |
| 46 OTHER | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | 0.0% | 0.0% |
| 47 TOTAL (\$/MMBTU) | 3.56 | 3.64 | 3.76 | 4.04 | 2.2% | 3.3% | 7.4% |
| BTU BURNED PER KWH (BTU/KWH) | | | | | | | |
| 48 HEAVY OIL ⁽¹⁾ | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 49 LIGHT OIL ⁽¹⁾ | 16,874 | 13,750 | 16,654 | 10,767 | -18.5% | 21.1% | -35.3% |
| 50 COAL | 10,601 | 10,776 | 11,137 | 11,003 | 1.7% | 3.4% | -1.2% |
| 51 NATURAL GAS | 8,077 | 7,510 | 7,453 | 7,365 | -7.0% | -0.8% | -1.2% |
| 52 NUCLEAR | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 53 OTHER | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 54 TOTAL (BTU/KWH) | 9,186 | 8,488 | 7,979 | 7,285 | -7.6% | -6.0% | -8.7% |
| GENERATED FUEL COST PER KWH (cents/KWH) | | | | | | | |
| 55 HEAVY OIL ⁽¹⁾ | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | 0.0% | 0.0% |
| 56 LIGHT OIL ⁽¹⁾ | 1,037.92 | 30.07 | 0.00 | 23.80 | -97.1% | -100.0% | 0.0% |
| 57 COAL | 3.51 | 3.30 | 3.65 | 3.31 | -6.0% | 10.6% | -9.3% |
| 58 NATURAL GAS | 3.07 | 3.01 | 2.90 | 3.09 | -2.0% | -3.7% | 6.6% |
| 59 NUCLEAR | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | 0.0% | 0.0% |
| 60 OTHER | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | 0.0% | 0.0% |
| 61 TOTAL (cents/KWH) | 3.27 | 3.09 | 3.00 | 2.95 | -5.5% | -2.9% | -1.7% |

⁽¹⁾ DISTILLATE (BBLs, MWH & \$) USED FOR FIRING, HOT STANDBY, ETC. IS INCLUDED IN FOSSIL STEAM PLANTS.

“Exhibit C”

**TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ESTIMATED TRUE-UP AMOUNT
JANUARY 2019 THROUGH DECEMBER 2019**

| | Estimated Jan-19 | Estimated Feb-19 | Estimated Mar-19 | Estimated Apr-19 | Estimated May-19 | Estimated Jun-19 | Estimated Jul-19 | Estimated Aug-19 | Estimated Sep-19 | Estimated Oct-19 | Estimated Nov-19 | Estimated Dec-19 | Total |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|
| 1 UNIT POWER CAPACITY CHARGES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 CAPACITY PAYMENTS TO COGENERATORS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 (UNIT POWER CAPACITY REVENUES) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,502) | (2,478,013) |
| 4 TOTAL CAPACITY DOLLARS | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,502) | (2,478,013) |
| 5 SEPARATION FACTOR | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | |
| 6 JURISDICTIONAL CAPACITY DOLLARS | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,502) | (2,478,013) |
| 7 CAPACITY COST RECOVERY REVENUES (Net of Revenue Taxes) | 1,311,970 | 1,204,416 | 1,184,132 | 1,240,705 | 1,367,308 | 1,601,551 | 1,668,767 | 1,662,617 | 1,708,589 | 1,562,331 | 1,304,684 | 1,273,128 | 17,090,198 |
| 8 PRIOR PERIOD TRUE-UP PROVISION | (454,907) | (454,907) | (454,907) | (454,907) | (454,907) | (454,907) | (454,907) | (454,907) | (454,907) | (454,907) | (454,907) | (454,909) | (5,458,886) |
| 9 CAPACITY COST RECOVERY REVENUES APPLICABLE TO CURRENT PERIOD (Net of Revenue Taxes) | 857,063 | 749,509 | 729,225 | 785,798 | 912,401 | 1,146,644 | 1,213,860 | 1,207,710 | 1,253,682 | 1,107,424 | 849,777 | 818,219 | 11,631,312 |
| 10 TRUE-UP PROVISION FOR MONTH OVER/(UNDER) RECOVERY (Line 9 - Line 6) | 1,063,564 | 956,010 | 935,726 | 992,299 | 1,118,902 | 1,353,145 | 1,420,361 | 1,414,211 | 1,460,183 | 1,313,925 | 1,056,278 | 1,024,721 | 14,109,325 |
| 11 INTEREST PROVISION FOR MONTH | (10,010) | (7,301) | (4,351) | (1,075) | 2,638 | 6,805 | 11,352 | 15,985 | 21,520 | 27,420 | 31,872 | 35,950 | 130,805 |
| 12 ADJUSTMENT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 TRUE-UP AND INT. PROVISION BEGINNING OF MONTH - OVER/(UNDER) RECOVERY (Actual ending December 2018) | (5,458,886) | (3,950,425) | (2,546,809) | (1,160,527) | 285,604 | 1,862,051 | 3,676,908 | 5,563,528 | 7,448,631 | 9,385,241 | 11,181,493 | 12,724,550 | (5,458,886) |
| 14 PRIOR PERIOD TRUE-UP PROVISION COLLECTED/(REFUNDED) THIS MONTH | 454,907 | 454,907 | 454,907 | 454,907 | 454,907 | 454,907 | 454,907 | 454,907 | 454,907 | 454,907 | 454,907 | 454,909 | 5,458,886 |
| 15 END OF PERIOD TRUE-UP - OVER/(UNDER) RECOVERY (SUM OF LINES 10 - 14) | (3,950,425) | (2,546,809) | (1,160,527) | 285,604 | 1,862,051 | 3,676,908 | 5,563,528 | 7,448,631 | 9,385,241 | 11,181,493 | 12,724,550 | 14,240,130 | 14,240,130 |

**TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ESTIMATED TRUE-UP AMOUNT
JANUARY 2019 THROUGH DECEMBER 2019**

| | Estimated Jan-19 | Estimated Feb-19 | Estimated Mar-19 | Estimated Apr-19 | Estimated May-19 | Estimated Jun-19 | Estimated Jul-19 | Estimated Aug-19 | Estimated Sep-19 | Estimated Oct-19 | Estimated Nov-19 | Estimated Dec-19 | Total |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|
| 1 BEGINNING TRUE-UP AMOUNT | (5,458,886) | (3,950,425) | (2,546,809) | (1,160,527) | 285,604 | 1,862,051 | 3,676,908 | 5,563,528 | 7,448,631 | 9,385,241 | 11,181,493 | 12,724,550 | (5,458,886) |
| 2 ENDING TRUE-UP AMOUNT BEFORE INTEREST | (3,940,415) | (2,539,508) | (1,156,176) | 286,679 | 1,859,413 | 3,670,103 | 5,552,176 | 7,432,646 | 9,363,721 | 11,154,073 | 12,692,678 | 14,204,180 | 14,109,325 |
| 3 TOTAL BEGINNING & ENDING TRUE-UP AMT. (LINE 1 + LINE 2) | (9,399,301) | (6,489,933) | (3,702,985) | (873,848) | 2,145,017 | 5,532,154 | 9,229,084 | 12,996,174 | 16,812,352 | 20,539,314 | 23,874,171 | 26,928,730 | 8,650,439 |
| 4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3) | (4,699,651) | (3,244,967) | (1,851,493) | (436,924) | 1,072,509 | 2,766,077 | 4,614,542 | 6,498,087 | 8,406,176 | 10,269,657 | 11,937,086 | 13,464,365 | 4,325,220 |
| 5 INTEREST RATE % - 1ST DAY OF MONTH | 2.420 | 2.700 | 2.700 | 2.950 | 2.950 | 2.950 | 2.950 | 2.950 | 2.950 | 3.200 | 3.200 | 3.200 | NA |
| 6 INTEREST RATE % - 1ST DAY OF NEXT MONTH | 2.700 | 2.700 | 2.950 | 2.950 | 2.950 | 2.950 | 2.950 | 2.950 | 3.200 | 3.200 | 3.200 | 3.200 | NA |
| 7 TOTAL (LINE 5 + LINE 6) | 5.120 | 5.400 | 5.650 | 5.900 | 5.900 | 5.900 | 5.900 | 5.900 | 6.150 | 6.400 | 6.400 | 6.400 | NA |
| 8 AVERAGE INTEREST RATE % (50% OF LINE 7) | 2.560 | 2.700 | 2.825 | 2.950 | 2.950 | 2.950 | 2.950 | 2.950 | 3.075 | 3.200 | 3.200 | 3.200 | NA |
| 9 MONTHLY AVERAGE INTEREST RATE % (LINE 8/12) | 0.213 | 0.225 | 0.235 | 0.246 | 0.246 | 0.246 | 0.246 | 0.246 | 0.256 | 0.267 | 0.267 | 0.267 | NA |
| 10 INTEREST PROVISION (LINE 4 X LINE 9) | (10,010) | (7,301) | (4,351) | (1,075) | 2,638 | 6,805 | 11,352 | 15,985 | 21,520 | 27,420 | 31,872 | 35,950 | 130,805 |

“Exhibit D”

MID-COURSE
PROJECTED CAPACITY COST RECOVERY
APRIL 2019 - DECEMBER 2019

**TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS
APRIL 2019 THROUGH DECEMBER 2019
PROJECTED**

| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
|--------------|---|---|--|---------------------------------------|---------------------------------------|--|---|--|---|---|
| | AVG 12 CP LOAD FACTOR AT METER (%) | PROJECTED SALES AT METER (MWH) | PROJECTED AVG 12 CP AT METER (MW) | DEMAND LOSS EXPANSION FACTOR | ENERGY LOSS EXPANSION FACTOR | PROJECTED SALES AT GENERATION (MWH) | PROJECTED AVG 12 CP AT GENERATION (MW) | PERCENTAGE OF SALES AT GENERATION (%) | PERCENTAGE OF DEMAND AT GENERATION (%) | 12 CP & 1/13 AVG DEMAND FACTOR (%) |
| RS,RSVP | 53.88% | 7,498,454 | 1,988 | 1.08036 | 1.05201 | 7,888,428 | 2,148 | 49.14% | 57.04% | 56.43% |
| GS, CS | 65.19% | 745,725 | 167 | 1.08036 | 1.05199 | 784,496 | 181 | 4.89% | 4.81% | 4.82% |
| GSD Optional | 3.72% | 311,474 | 60 | 1.07581 | 1.04842 | 326,555 | 65 | 2.03% | 1.73% | 1.75% |
| GSD, SBF | 72.02% | 6,042,361 | 1,171 | 1.07581 | 1.04842 | 6,334,921 | 1,260 | 39.46% | 33.47% | 33.93% |
| IS,SBI | 90.33% | 574,933 | 101 | 1.02952 | 1.01769 | 585,104 | 104 | 3.64% | 2.76% | 2.83% |
| LS1 | 305.67% | 127,684 | 6 | 1.08036 | 1.05201 | 134,324 | 7 | 0.84% | 0.19% | 0.24% |
| TOTAL | | 15,300,631 | 3,494 | | | 16,053,828 | 3,765 | 100.00% | 100.00% | 100.00% |

- (1) AVG 12 CP load factor based on 2018 projected calendar data.
- (2) Projected MWH sales for the period April 2019 thru December 2019.
- (3) Based on 12 months average CP at meter.
- (4) Based on 2018 projected demand losses.
- (5) Based on 2018 projected energy losses.
- (6) Col (2) * Col (5).
- (7) Col (3) * Col (4).
- (8) Based on 12 months average percentage of sales at generation.
- (9) Based on 12 months average percentage of demand at generation.
- (10) Col (8) * 0.0769 + Col (9) * 0.9231

**TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS
APRIL 2019 THROUGH DECEMBER 2019
PROJECTED**

| | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|
| 1 UNIT POWER CAPACITY CHARGES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 CAPACITY PAYMENTS TO COGENERATORS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 (UNIT POWER CAPACITY REVENUES) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,502) | (2,478,013) |
| 4 TOTAL CAPACITY DOLLARS | (\$206,501) | (\$206,501) | (\$206,501) | (\$206,501) | (\$206,501) | (\$206,501) | (\$206,501) | (\$206,501) | (\$206,501) | (\$206,501) | (\$206,501) | (\$206,502) | (\$2,478,013) |
| 5 SEPARATION FACTOR | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | |
| 6 JURISDICTIONAL CAPACITY DOLLARS | (\$206,501) | (\$206,501) | (\$206,501) | (\$206,501) | (\$206,501) | (\$206,501) | (\$206,501) | (\$206,501) | (\$206,501) | (\$206,501) | (\$206,501) | (\$206,502) | (\$2,478,013) |
| 7 ESTIMATED TRUE-UP FOR THE PERIOD ENDING MARCH 2019 | | | | | | | | | | | | | 1,160,527 |
| 8 TOTAL | | | | | | | | | | | | | (\$1,317,486) |
| 9 REVENUE TAX FACTOR | | | | | | | | | | | | | 1.00072 |
| 10 TOTAL RECOVERABLE CAPACITY DOLLARS | | | | | | | | | | | | | (\$1,318,434) |

**TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS
APRIL 2019 THROUGH DECEMBER 2019
PROJECTED**

| RATE CLASS | (1) PERCENTAGE OF SALES AT GENERATION (%) | (2) PERCENTAGE OF DEMAND AT GENERATION (%) | (3) ENERGY RELATED COSTS (\$) | (4) DEMAND RELATED COSTS (\$) | (5) TOTAL CAPACITY COSTS (\$) | (6) PROJECTED SALES AT METER (MWH) | (7) EFFECTIVE AT SECONDARY LEVEL (MWH) | (8) BILLING KW LOAD FACTOR (%) | (9) PROJECTED BILLED KW AT METER (kw) | (10) CAPACITY RECOVERY FACTOR (\$/kw) | (11) CAPACITY RECOVERY FACTOR (\$/kwh) |
|---------------------|---|--|---|---|---|--|--|--|---|---|--|
| RS | 49.14% | 57.04% | (49,821) | (694,204) | (744,025) | 7,498,454 | 7,498,454 | | | | -0.00010 |
| GS, CS | 4.89% | 4.81% | (4,958) | (58,540) | (63,498) | 745,725 | 745,725 | | | | -0.00009 |
| GSD, SBF | | | | | | | | | | | |
| Secondary | | | | | | 4,937,500 | 4,937,500 | | | -0.03 | |
| Primary | | | | | | 1,097,318 | 1,086,345 | | | -0.03 | |
| Transmission | | | | | | 7,543 | 7,392 | | | -0.03 | |
| GSD, SBF - Standard | 39.46% | 33.47% | (40,008) | (407,345) | (447,353) | 6,042,361 | 6,031,237 | 59.85% | 13,804,012 | | |
| GSD - Optional | 2.03% | 1.73% | (2,058) | (21,055) | (23,113) | | | | | | |
| Secondary | | | | | | 301,528 | 301,528 | | | | -0.00007 |
| Primary | | | | | | 9,946 | 9,847 | | | | -0.00007 |
| Transmission | | | | | | 0 | 0 | | | | -0.00007 |
| IS, SBI | | | | | | | | | | | |
| Primary | | | | | | 110,844 | 109,736 | | | -0.03 | |
| Transmission | | | | | | 464,089 | 454,807 | | | -0.03 | |
| Total IS, SBI | 3.64% | 2.76% | (3,691) | (33,590) | (37,281) | 574,933 | 564,543 | 52.51% | 1,472,689 | | |
| LS1 | 0.84% | 0.19% | (852) | (2,312) | (3,164) | 127,684 | 127,684 | | | | -0.00002 |
| TOTAL | 100.00% | 100.00% | (101,388) | (1,217,046) | (1,318,434) | 15,300,631 | 15,279,018 | | | | -0.00009 |

- (1) Obtained from page 1.
- (2) Obtained from page 1.
- (3) Total capacity costs * 0.0769 * Col (1).
- (4) Total capacity costs * 0.9231 * Col (2).
- (5) Col (3) + Col (4).
- (6) Projected kWh sales for the period April 2019 through December 2019.
- (7) Projected kWh sales at secondary for the period April 2019 through December 2019.
- (8) Col 7 / (Col 9 * 730)*1000
- (9) Projected kw demand for the period April 2019 through December 2019.
- (10) Total Col (5) / Total Col (9).
- (11) {Col (5) / Total Col (7)} / 1000.

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**TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ESTIMATED TRUE-UP AMOUNT
JANUARY 2019 THROUGH DECEMBER 2019**

| | Estimated Jan-19 | Estimated Feb-19 | Estimated Mar-19 | Estimated Apr-19 | Estimated May-19 | Estimated Jun-19 | Estimated Jul-19 | Estimated Aug-19 | Estimated Sep-19 | Estimated Oct-19 | Estimated Nov-19 | Estimated Dec-19 | Total |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|
| 1 UNIT POWER CAPACITY CHARGES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 CAPACITY PAYMENTS TO COGENERATORS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 (UNIT POWER CAPACITY REVENUES) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,502) | (2,478,013) |
| 4 TOTAL CAPACITY DOLLARS | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,502) | (2,478,013) |
| 5 SEPARATION FACTOR | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | 1.0000000 | |
| 6 JURISDICTIONAL CAPACITY DOLLARS | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,501) | (206,502) | (2,478,013) |
| 7 CAPACITY COST RECOVERY REVENUES (Net of Revenue Taxes) | 1,311,970 | 1,204,416 | 1,184,132 | (120,580) | (132,843) | (155,264) | (161,798) | (161,199) | (165,632) | (151,447) | (126,495) | (123,425) | 2,401,835 |
| 8 PRIOR PERIOD TRUE-UP PROVISION | (232,082) | (232,082) | (232,082) | - | - | - | - | - | - | - | - | - | (696,246) |
| 8a MID-COURSE TRUE-UP PROVISION | - | - | - | (128,947) | (128,947) | (128,947) | (128,947) | (128,947) | (128,947) | (128,947) | (128,947) | (128,951) | (1,160,527) |
| 9 CAPACITY COST RECOVERY REVENUES APPLICABLE TO CURRENT PERIOD (Net of Revenue Taxes) | 1,079,888 | 972,334 | 952,050 | (249,527) | (261,790) | (284,211) | (290,745) | (290,146) | (294,579) | (280,394) | (255,442) | (252,376) | 545,062 |
| 10 TRUE-UP PROVISION FOR MONTH OVER/(UNDER) RECOVERY (Line 9 - Line 6) | 1,286,389 | 1,178,835 | 1,158,551 | (43,026) | (55,289) | (77,710) | (84,244) | (83,645) | (88,078) | (73,893) | (48,941) | (45,874) | 3,023,075 |
| 11 INTEREST PROVISION FOR MONTH | (10,010) | (7,301) | (4,351) | (2,749) | (2,560) | (2,412) | (2,300) | (2,195) | (2,180) | (2,151) | (1,977) | (1,764) | (41,950) |
| 12 ADJUSTMENT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 TRUE-UP AND INT. PROVISION BEGINNING OF MONTH - OVER/(UNDER) RECOVERY (Actual ending December 2018) | (5,458,886) | (3,950,425) | (2,546,809) | (1,160,527) | (1,077,355) | (1,006,257) | (957,432) | (915,029) | (871,922) | (833,233) | (780,330) | (702,301) | (5,458,886) |
| 14 PRIOR PERIOD TRUE-UP PROVISION COLLECTED/(REFUNDED) THIS MONTH | 232,082 | 232,082 | 232,082 | 128,947 | 128,947 | 128,947 | 128,947 | 128,947 | 128,947 | 128,947 | 128,947 | 128,951 | 1,856,773 |
| 15 END OF PERIOD TRUE-UP - OVER/(UNDER) RECOVERY (SUM OF LINES 10 - 14) | (3,950,425) | (2,546,809) | (1,160,527) | (1,077,355) | (1,006,257) | (957,432) | (915,029) | (871,922) | (833,233) | (780,330) | (702,301) | (620,988) | (620,988) |

**TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ESTIMATED TRUE-UP AMOUNT
JANUARY 2019 THROUGH DECEMBER 2019**

| | Estimated Jan-19 | Estimated Feb-19 | Estimated Mar-19 | Estimated Apr-19 | Estimated May-19 | Estimated Jun-19 | Estimated Jul-19 | Estimated Aug-19 | Estimated Sep-19 | Estimated Oct-19 | Estimated Nov-19 | Estimated Dec-19 | Total |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------|
| 1 BEGINNING TRUE-UP AMOUNT | (5,458,886) | (3,950,425) | (2,546,809) | (1,160,527) | (1,077,355) | (1,006,257) | (957,432) | (915,029) | (871,922) | (833,233) | (780,330) | (702,301) | (5,458,886) |
| 2 ENDING TRUE-UP AMOUNT BEFORE INTEREST | (3,940,415) | (2,539,508) | (1,156,176) | (1,074,606) | (1,003,697) | (955,020) | (912,729) | (869,727) | (831,053) | (778,179) | (700,324) | (619,224) | (579,038) |
| 3 TOTAL BEGINNING & ENDING TRUE-UP AMT. (LINE 1 + LINE 2) | (9,399,301) | (6,489,933) | (3,702,985) | (2,235,133) | (2,081,052) | (1,961,277) | (1,870,161) | (1,784,756) | (1,702,975) | (1,611,412) | (1,480,654) | (1,321,525) | (6,037,924) |
| 4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3) | (4,699,651) | (3,244,967) | (1,851,493) | (1,117,567) | (1,040,526) | (980,639) | (935,081) | (892,378) | (851,488) | (805,706) | (740,327) | (660,763) | (3,018,962) |
| 5 INTEREST RATE % - 1ST DAY OF MONTH | 2.420 | 2.700 | 2.700 | 2.950 | 2.950 | 2.950 | 2.950 | 2.950 | 2.950 | 3.200 | 3.200 | 3.200 | NA |
| 6 INTEREST RATE % - 1ST DAY OF NEXT MONTH | 2.700 | 2.700 | 2.950 | 2.950 | 2.950 | 2.950 | 2.950 | 2.950 | 3.200 | 3.200 | 3.200 | 3.200 | NA |
| 7 TOTAL (LINE 5 + LINE 6) | 5.120 | 5.400 | 5.650 | 5.900 | 5.900 | 5.900 | 5.900 | 5.900 | 6.150 | 6.400 | 6.400 | 6.400 | NA |
| 8 AVERAGE INTEREST RATE % (50% OF LINE 7) | 2.560 | 2.700 | 2.825 | 2.950 | 2.950 | 2.950 | 2.950 | 2.950 | 3.075 | 3.200 | 3.200 | 3.200 | NA |
| 9 MONTHLY AVERAGE INTEREST RATE % (LINE 8/12) | 0.213 | 0.225 | 0.235 | 0.246 | 0.246 | 0.246 | 0.246 | 0.246 | 0.256 | 0.267 | 0.267 | 0.267 | NA |
| 10 INTEREST PROVISION (LINE 4 X LINE 9) | (10,010) | (7,301) | (4,351) | (2,749) | (2,560) | (2,412) | (2,300) | (2,195) | (2,180) | (2,151) | (1,977) | (1,764) | (41,950) |

A F F I D A V I T

STATE OF FLORIDA)
)
COUNTY OF HILLSBOROUGH)

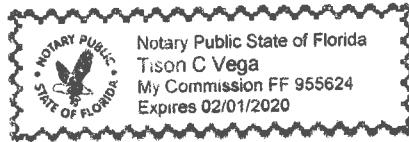
Before me the undersigned authority personally appeared Penelope A. Rusk who deposed and said that she is Manager, Rates, in the Regulatory Affairs Department of Tampa Electric Company, and that the information provided in Tampa Electric Company's Petition for Mid-Course Correction of its Fuel Cost Recovery Factors and Capacity Cost Recovery Factors and associated schedules provided as Exhibit "A" through Exhibit "D" are true and correct to the best of her information and belief.

Dated at Tampa, Florida this 15th day of January, 2019.

Penelope Rusk

Sworn to and subscribed before me this 15th day of January, 2019.

Tison C Vega



My Commission expires _____