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July 27, 2020

**VIA: ELECTRONIC FILING**

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

Re: Fuel and Purchased Power Cost Recovery Clause with Generating  
Performance Incentive Factor; FPSC Docket No. 20200001-EI

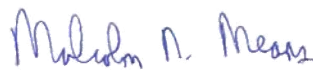
Dear Mr. Teitzman:

Attached for filing in the above docket, on behalf of Tampa Electric Company, is the following:

1. Petition of Tampa Electric Company
2. Prepared Direct Testimony and Exhibit of M. Ashley Sizemore regarding Fuel and Purchased Power Cost Recovery and Capacity Cost Recovery Actual/Estimated True-Up for the Period January 2020 through December 2020.

Thank you for your assistance in connection with this matter.

Sincerely,



Malcolm N. Means

MNM/bmp  
Attachment

cc: All Parties of Record (w/attachment)

## CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Testimony and Exhibit of Ashley A. Sizemore, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 27<sup>th</sup> day of July 2020, to the following:

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ATTORNEY

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and Purchased Power Cost Recovery ) DOCKET NO. 20200001-EI  
Clause with Generating Performance Incentive )  
Factor. ) FILED: July 27, 2020  
\_\_\_\_\_ )

**PETITION OF TAMPA ELECTRIC COMPANY**

Tampa Electric Company ("Tampa Electric" or "company"), hereby petitions the Commission for approval of the company's actual/estimated fuel and purchased power cost recovery and capacity cost recovery true-up amounts for the period January 2020 through December 2020. In support thereof, Tampa Electric incorporates the prepared direct testimony and exhibit of Tampa Electric witness M. Ashley Sizemore.

**Fuel and Purchased Power Cost Recovery**

1. Tampa Electric projects an actual/estimated true-up amount for the January 2020 through December 2020 period, which is based on actual data for the period January 1, 2020 through June 30, 2020 and revised estimates for the period July 1, 2020 through December 31, 2020 and inclusive of the mid-course correction true-up adjustments to the current period, to be an under-recovery of \$25,479,055. (See Exhibit No. MAS-2, Document No. 1, Schedule E-1A.)

**Capacity Cost Recovery**


2. Tampa Electric projects a true-up amount for the January 2020 through December 2020 period, which is based on actual data for the period January 1, 2020 through June 30, 2020 and revised estimates for the period July 1, 2020 through December 31, 2020 and inclusive of the mid-course correction true-up adjustments to the current period, to be an over-recovery of \$1,783,035. (See Exhibit No. MAS-2, Document No. 2, Page 1 of 4, Line 6.)

3. Tampa Electric is not aware of any disputed issues of material fact regarding any of the matters stated or relief requested in this petition.

WHEREFORE, Tampa Electric Company requests that the Commission approve Tampa Electric's actual/estimated true-up amounts for fuel and purchased power cost recovery and capacity cost recovery for the period January 1, 2020 through December 31, 2020.

DATED this 27<sup>th</sup> day of July 2020.

Respectfully submitted,



---

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Ausley McMullen  
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ATTORNEYS FOR TAMPA ELECTRIC COMPANY

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the foregoing Petition, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 27th day of July, 2020, to the following:

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*Malcolm N. Means*

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ATTORNEY



**BEFORE THE  
FLORIDA PUBLIC SERVICE COMMISSION**

**DOCKET NO. 20200001-EI  
FUEL & PURCHASED POWER COST RECOVERY  
AND  
CAPACITY COST RECOVERY**

**ACTUAL/ESTIMATED TRUE-UP  
JANUARY 2020 THROUGH DECEMBER 2020**

**TESTIMONY AND EXHIBIT  
OF  
M. ASHLEY SIZEMORE**

**FILED: JULY 27, 2020**



1                                   **BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

2                                   **PREPARED DIRECT TESTIMONY**

3                                   **OF**

4                                   **M. ASHLEY SIZEMORE**

5   **Q.**   Please state your name, address, occupation, and  
6           employer.

7  
8   **A.**   My name is M. Ashley Sizemore. My business address is 702  
9           N. Franklin Street, Tampa, Florida 33602. I am employed  
10          by Tampa Electric Company ("Tampa Electric" or "company")  
11          in the position of Manager, Rates, in the Regulatory  
12          Affairs department.

13  
14   **Q.**   Please provide a brief outline of your educational  
15          background and business experience.

16  
17   **A.**   I received a Bachelor of Arts degree in Political Science  
18          and a Master of Business Administration from the  
19          University of South Florida in 2005 and 2008,  
20          respectively. I joined Tampa Electric in 2010 as a  
21          Customer Service Professional. In 2011, I joined the  
22          Regulatory Affairs Department as a Rate Analyst. I spent  
23          six years in the Regulatory Affairs Department working on  
24          environmental, fuel and capacity cost recovery clauses.  
25          During the last three years as a Program Manager in

1 Customer Experience, I managed billing and payment  
2 customer solutions, products and services. I returned to  
3 the Regulatory Affairs Department in 2020 as Manager,  
4 Rates. My duties entail managing cost recovery for fuel  
5 and purchased power, interchange sales, capacity  
6 payments, and approved environmental projects. I have ten  
7 years of electric utility experience in the areas of  
8 customer experience and project management as well as the  
9 management of fuel and purchased power, capacity, and  
10 environmental cost recovery clauses.

11  
12 **Q.** What is the purpose of your direct testimony?

13  
14 **A.** The purpose of my testimony is to present, for Commission  
15 review and approval, the calculation of the January 2020  
16 through December 2020 fuel and purchased power and  
17 capacity actual/estimated true-up amounts to be recovered  
18 in the January 2021 through December 2021 projection  
19 period. My testimony addresses the recovery of the fuel  
20 and purchased power costs as well as capacity costs for  
21 the year 2020, based on six months of actual data and six  
22 months of estimated data. This information will be used  
23 in the determination of the 2021 fuel and purchased power  
24 and capacity cost recovery factors.

25

1 Q. Have you prepared an exhibit to support your direct  
2 testimony?

3

4 A. Yes, I have prepared Exhibit No. MAS-2, which consists of  
5 four documents. Document No. 1 includes schedules E1-A,  
6 E1-B, E-2, E-3, E-4, E-5, E-6, E-7, E-8, and E-9, which  
7 provide the actual/estimated fuel and purchased power  
8 cost recovery true-up amount for the period January 2020  
9 through December 2020. Document No. 2 provides the  
10 actual/estimated capacity cost recovery true-up amount  
11 for the period January 2020 through December 2020.  
12 Document No. 3 provides the actual/estimated capital  
13 costs during the period of January 2020 through December  
14 2020 for projects authorized for recovery through the fuel  
15 clause. Document No. 3 also provides the capital structure  
16 components and cost rates relied upon to calculate the  
17 revenue requirement rate of return for such projects.  
18 Document No. 4 provides the calculation for the Lake  
19 Hancock stipulated issue fuel savings. These documents  
20 are furnished as support for the actual/estimated true-  
21 up amount for this period.

22

23 **Fuel and Purchased Power Cost Recovery Factors**

24 Q. What has Tampa Electric calculated as the estimated net  
25 true-up amount for the current period to be applied in

1 the January 2021 through December 2021 fuel and purchased  
2 power cost recovery factors?

3  
4 **A.** The estimated net true-up amount applicable for the period  
5 of January 2021 through December 2021 is an under-recovery  
6 of \$25,479,055.

7  
8 **Q.** How did Tampa Electric calculate the estimated net true-  
9 up to be applied in the January 2021 through December  
10 2021 fuel and purchased power cost recovery factors?

11  
12 **A.** The net true-up amount to be recovered in 2021 does not  
13 include the final true-up amount for the period January  
14 2019 through December 2019 because this amount was  
15 returned to customers during 2020 in Tampa Electric's fuel  
16 mid-course factors, as approved in Order No. PSC-2020-  
17 0154-PCO-EI, issued May 14, 2020 in Docket No. 20200001-  
18 EI. The actual/estimated true-up amount for the period  
19 January 2020 through December 2020 is included in the  
20 January 2021 through December 2021 fuel and purchased  
21 power cost recovery factors. This calculation is shown on  
22 Schedule E1-A of Exhibit No. MAS-2, Document No. 1.

23  
24 **Q.** What did Tampa Electric calculate as the actual/estimated  
25 fuel and purchased power cost recovery amount for the

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period January 2020 through December 2020?

**A.** The net 2020 actual/estimated fuel and purchased power cost recovery true-up is an under-recovery of \$61,300,153 for the January 2020 through December 2020 period. This includes adjustments to reflect the company's mid-course correction true-up amounts. It is the actual/estimated under-recovery amount for the period January 2020 through December 2020, less the projected over-recovery true-up included in the period June 2020 through December 2020 mid-course correction factors, plus the difference between the 2019 actual/estimated true-up amount included in the original 2020 factors and the amount actually refunded before the mid-course correction factors became effective. The actual/estimated true-up for the period January 2020 through December 2020 is an under-recovery of \$43,367,307. The detailed calculation supporting the actual/estimated current period true-up is shown in Exhibit No. MAS-2, Document No. 1 on Schedule E1-B. In addition, the calculation is shown on Schedule E1-A of Exhibit No. MAS-2, Document No. 1.

**Q.** Please explain the fuel savings credit for Lake Hancock Solar that was booked in February 2020.

1 **A.** In Order No. PSC-2018-0571, the Commission approved Tampa  
2 Electric's proposed set of Stipulations, wherein the  
3 company committed that if the 2019 actual fuel savings  
4 associated with the incremental 5 MW and the additional  
5 17.7 MW of the Lake Hancock Solar project not included in  
6 the Second SoBRA did not equal or exceed \$1,000,000, then  
7 the company would refund the shortfall to customers. The  
8 refund, reflected in February's A-Schedule, was \$236,322.  
9 This is shown in Exhibit No. MAS-2, Document No. 1 on  
10 Schedule E1-B. In addition, the calculation is shown in  
11 Exhibit No. MAS-2, Document No. 4.

12  
13 **Q.** What was the actual 2019 fuel savings associated with  
14 Lake Hancock's incremental 5 MW and additional 17.7 MW  
15 that was not included in the Second SoBRA tranche?  
16

17 **A.** The actual fuel savings associated with Lake Hancock's  
18 incremental 5 MW and additional 17.7 MW not included in  
19 the second SoBRA tranche is \$763,678. Tampa Electric  
20 refunded the difference of \$236,322 to the customers.  
21

22 **Q.** Were there any additional adjustments to the Fuel and  
23 Purchased Power cost recovery clause?  
24

25 **A.** Yes. In July, Tampa Electric received a refund related to

1 the Transco rate case settlement in the amount of \$461,004  
2 for charges incurred during the period of March 2019  
3 through May 2020 (Docket No.: RP18-1126-003, Order  
4 Document No. 20200324-3028 filed on March 24, 2020).

5  
6 **Capacity Cost Recovery Clause**

7 **Q.** What has Tampa Electric calculated as the estimated net  
8 true-up amount to be applied in the January 2021 through  
9 December 2021 capacity cost recovery factors?

10  
11 **A.** The estimated net true-up amount applicable for January  
12 2021 through December 2021 is an over-recovery of  
13 \$1,783,035 as shown in Exhibit No. MAS-2, Document No. 2,  
14 page 1 of 4.

15  
16 **Q.** How did Tampa Electric calculate the estimated net true-  
17 up amount to be applied in the January 2021 through  
18 December 2021 capacity cost recovery factors?

19  
20 **A.** The net true-up amount to be recovered in the 2021  
21 capacity cost recovery factors includes the  
22 actual/estimated true-up amount for January 2020 and  
23 December 2020. The final 2019 true-up amount was included  
24 in the company's mid-course capacity cost recovery  
25 factors effective June 2020 through December 2020, as

1 approved in Order No. PSC-2020-0154-PCO-EI, issued May  
2 14, 2020 in Docket No. 20200001-EI.

3  
4 **Q.** What did Tampa Electric calculate as the actual/estimated  
5 capacity cost recovery true-up amount for the period  
6 January 2020 through December 2020?

7  
8 **A.** The actual/estimated true-up amount is an over-recovery  
9 of \$5,881,726 as shown on Exhibit No. MAS-2, Document  
10 No. 2, page 1 of 4.

11  
12 **Q.** What did Tampa Electric calculate as the net capacity  
13 cost recovery true-up amount for the period January 2020  
14 through December 2020?

15  
16 **A.** The net capacity cost recovery true-up amount for the  
17 period January 2020 through December 2020 is an over-  
18 recovery of \$1,783,035. This calculation is shown on  
19 Exhibit No. MAS-2, Document No. 2, page 1 of 4.

20  
21 **Q.** Please explain the credit of \$4,856,329 that is reflected  
22 in the month of February and the credit of \$4,069,905  
23 that is reflected in the month of June on line 12 of  
24 Exhibit No. MAS-2, Document No. 2, page 2 of 4.

25



1     **A.** Pursuant to paragraph 6(n) of the 2017 Amended and  
2 Restated Stipulation and Settlement agreement, "...the  
3 difference between the cumulative base revenues since the  
4 implementation of the initial SoBRA factor and the  
5 cumulative base revenues that would have resulted if the  
6 revised SoBRA factor (for cost and in-service date true-  
7 ups) had been in place during the same time period will  
8 be trued up with interest at the AFUDC rate shown in  
9 Exhibit B used for the projects, and will be made through  
10 a one-time, twelve-month adjustment through the CCR  
11 clause." As submitted for Commission review and approval  
12 in Docket No. 20200144-EI, an estimated true-up for the  
13 First and Second SoBRAs totaling \$4,856,329 was credited  
14 to the capacity clause in February 2020, and any  
15 additional adjustment required will be made upon  
16 resolution of Docket No. 20200144-EI. The June 2020  
17 credit to the capacity clause represents the estimated  
18 true-up amount due to customers for the Third SoBRA actual  
19 in-service dates and will be adjusted as needed upon  
20 Commission review and approval of the final true-up  
21 amounts for the actual in-service dates and installed  
22 costs of the projects. This amount is expected to be  
23 finalized during 2021.

24  
25     **Capital Projects Approved for Fuel Clause Recovery**

1 **Q.** Please describe the capital project costs that have been  
2 authorized for recovery through the fuel clause.

3

4 **A.** Document No. 3 of Exhibit No. MAS-2 provides the capital  
5 cost and fuel savings for the Big Bend Units 1 through 4  
6 ignition conversion project for the period January 2020  
7 through December 2020. This document also contains the  
8 capital structure components and cost rates relied upon  
9 to calculate the revenue requirement rate of return on  
10 capital projects recovered through the fuel clause.

11

12 Collection of the Big Bend Units 1 through 4 ignition  
13 conversion project capital costs was completed in May  
14 2020. These costs, including depreciation and return,  
15 were less than the project fuel savings, as shown on  
16 Exhibit No. MAS-2, Document No. 3, Page 1, line 33.  
17 Therefore, the Big Bend Units 1 through 4 ignition  
18 conversion project capital costs should be recovered  
19 through the fuel clause in accordance with FPSC Order No.  
20 PSC-2014-0309-PAA-EI, issued in Docket No. 20140032-EI on  
21 June 12, 2014.

22

23 **Q.** Does this conclude your direct testimony?

24

25 **A.** Yes, it does.

**EXHIBIT TO THE TESTIMONY OF**

**M. ASHLEY SIZEMORE**

**DOCUMENT NO. 1**

**FUEL AND PURCHASED POWER COST RECOVERY**

**ACTUAL / ESTIMATED**

**JANUARY 2020 THROUGH DECEMBER 2020**

**TAMPA ELECTRIC COMPANY**

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2	Schedule E1-A Calculation of Total True-Up	(JAN. 2021 - DEC. 2021)
3	Schedule E1-B Calculation of Estimated True-Up	(JAN. 2020 - DEC. 2020)
4	Schedule E2 Cost Recovery Clause Calculation	( " )
5-6	Schedule E3 Generating System Comparative Data	( " )
7-24	Schedule E4 System Net Generation and Fuel Cost	( " )
25-26	Schedule E5 Inventory Analysis	( " )
27-28	Schedule E6 Power Sold	( " )
29	Schedule E7 Purchased Power	( " )
30	Schedule E8 Energy Payment to Qualifying Facilities	( " )
31	Schedule E9 Economy Energy Purchases	( " )

TAMPA ELECTRIC COMPANY  
 CALCULATION OF PROJECTED PERIOD TOTAL TRUE-UP  
 FOR THE PERIOD: JANUARY 2021 THROUGH DECEMBER 2021

SCHEDULE E1-A

1. ESTIMATED OVER/(UNDER) RECOVERY (SCH. E1-B) January 2020 - December 2020 (6 months actual, 6 months estimated )	(\$43,367,307)
2. PROJECTED OVER/UNDER-RECOVERY TRUE-UP INCLUDED IN JUNE - DECEMBER 2020 RATES (Per Mid-Course correction Schedule E1-C, line 1B)	\$0
3. DIFFERENCE IN 2019 ESTIMATED TRUE-UP AMOUNT PROJECTED IN ORIGINAL 2020 RATES AND AMOUNT COLLECTED IN 2020 (\$30,742,026 under-recovery less (\$2,561,836) refunded each month January through May 2020)	<u>(\$17,932,846)</u>
4. ACTUAL-ESTIMATED 2020 OVER/(UNDER) RECOVERY (Line 1 - Line 2 + Line 3)	(\$61,300,153)
5. FINAL TRUE-UP (January 2019 - December 2019) (Per True-Up filed March 2, 2020)	<u>35,821,098</u>
6. TOTAL OVER/(UNDER) RECOVERY TO BE COLLECTED IN 2021 (Line 4 + Line 5) To be included in the 12-month projected period January 2021 through December 2021 (2021 Schedule E1, line 29)	<u><u>(\$25,479,055)</u></u>
7. JURISDICTIONAL MWH SALES (Projected January 2021 through December 2021)	19,545,089
8. TRUE-UP FACTOR - cents/kWh (Using Effective MWh Sales of 19,514,116)	<b>0.1306</b>

TAMPA ELECTRIC COMPANY  
CALCULATION OF ESTIMATED TRUE-UP  
ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2020 THROUGH DECEMBER 2020

SCHEDULE E1-B

	ACTUAL						ESTIMATED						TOTAL
	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	
A. 1. Fuel Cost of System Net Generation	36,433,217	28,053,617	31,379,547	25,492,298	27,707,925	32,535,096	40,708,751	43,874,042	41,164,058	38,341,342	36,354,561	42,572,326	424,616,780
2. Fuel Cost of Power Sold <sup>(1)</sup>	87,963	93,206	310,050	36,113	55,255	64,665	66,154	67,203	70,381	73,668	72,806	77,059	1,074,523
3. Fuel Cost of Purchased Power	2,767	(3,817)	0	129,561	78,534	71,725	0	42,260	53,630	0	0	555,160	929,820
3a. Demand and Non-Fuel Cost of Purchased Pwr	0	0	0	0	0	0	0	0	0	0	0	0	0
3b. Payments to Qualifying Facilities	88,714	291,342	171,178	218,027	120,336	107,388	189,360	211,880	194,840	198,000	195,750	167,730	2,154,545
4. Energy Cost of Economy Purchases	314,503	260,337	443,296	3,913,922	9,221,266	8,677,950	6,321,920	6,412,980	6,198,510	6,726,330	4,450,850	192,260	53,134,124
5. Adj. Big Bend Units 1-4 Igniters Conversion Project	357,864	355,627	353,391	351,154	239,240	0	0	0	0	0	0	0	1,657,276
5a. Adjustment TRANSCO Refund	0	0	0	0	0	0	(461,004)	0	0	0	0	0	(461,004)
5b. Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>6. TOTAL FUEL &amp; NET POWER TRANS.</b>	<b>37,109,102</b>	<b>28,863,900</b>	<b>32,037,362</b>	<b>30,068,849</b>	<b>37,312,046</b>	<b>41,327,494</b>	<b>46,692,873</b>	<b>50,473,959</b>	<b>47,540,657</b>	<b>45,192,004</b>	<b>40,928,355</b>	<b>43,410,417</b>	<b>480,957,018</b>
<sup>(1)</sup> Includes Gains													
B. 1. Jurisdictional MWH Sales	1,455,302	1,379,292	1,359,170	1,534,770	1,528,679	1,775,552	1,873,355	1,902,497	1,937,665	1,778,494	1,498,483	1,410,765	19,434,024
2. Non-Jurisdictional MWH Sales	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>3. TOTAL SALES (LINE B1+B2)</b>	<b>1,455,302</b>	<b>1,379,292</b>	<b>1,359,170</b>	<b>1,534,770</b>	<b>1,528,679</b>	<b>1,775,552</b>	<b>1,873,355</b>	<b>1,902,497</b>	<b>1,937,665</b>	<b>1,778,494</b>	<b>1,498,483</b>	<b>1,410,765</b>	<b>19,434,024</b>
<b>4. Jurisdictional % of Total Sales</b>	<b>1.0000000</b>	<b>1.0000000</b>	<b>1.0000000</b>	<b>1.0000000</b>	<b>1.0000000</b>	<b>1.0000000</b>	<b>1.0000000</b>	<b>1.0000000</b>	<b>1.0000000</b>	<b>1.0000000</b>	<b>1.0000000</b>	<b>1.0000000</b>	<b>-</b>
C. 1. Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	43,077,818	40,611,832	40,003,085	45,869,774	45,793,723	46,790,142	49,812,875	50,467,287	51,635,873	46,712,539	38,618,102	36,095,556	535,488,606
1a. Jurisdictional Fuel Recovery Revenue Credit	0	0	0	0	0	(25,874,741)	(26,871,639)	(27,412,832)	0	0	0	0	(80,159,212)
2. True-up Provision	(2,561,836)	(2,561,836)	(2,561,836)	(2,561,836)	(2,561,836)	0	0	0	0	0	0	0	(12,809,180)
2a. Incentive Provision	(345,111)	(345,111)	(345,111)	(345,111)	(345,111)	(345,111)	(345,111)	(345,111)	(345,111)	(345,111)	(345,111)	(345,109)	(4,141,330)
2b. 2018 Optimization Mechanism Gains	(93,363)	(93,363)	(93,363)	(93,363)	(93,363)	(93,363)	(93,363)	(93,363)	(93,363)	(93,363)	(93,363)	(93,360)	(1,120,353)
<b>3. FUEL REVENUE APPLICABLE TO PERIOD</b>	<b>40,077,508</b>	<b>37,611,522</b>	<b>37,002,775</b>	<b>42,869,464</b>	<b>42,793,413</b>	<b>20,476,927</b>	<b>22,502,762</b>	<b>22,615,981</b>	<b>51,197,399</b>	<b>46,274,065</b>	<b>38,179,628</b>	<b>35,657,087</b>	<b>437,258,531</b>
4. Total Fuel and Net Power Transactions (Line A6)	37,109,102	28,863,900	32,037,362	30,068,849	37,312,046	41,327,494	46,692,873	50,473,959	47,540,657	45,192,004	40,928,355	43,410,417	480,957,018
5. Jurisd. Total Fuel and Net Power Transactions (Line A6*Line B4)	37,109,102	28,863,900	32,037,362	30,068,849	37,312,046	41,327,494	46,692,873	50,473,959	47,540,657	45,192,004	40,928,355	43,410,417	480,957,018
5a. 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	-
5b. Jurisdictional Sales Adjusted for Line Losses	37,109,102	28,863,900	32,037,362	30,068,849	37,312,046	41,327,494	46,692,873	50,473,959	47,540,657	45,192,004	40,928,355	43,410,417	480,957,018
5c. Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>6. JURISD. TOTAL FUEL AND NET POWER TRANSACTIONS</b>	<b>37,109,102</b>	<b>28,863,900</b>	<b>32,037,362</b>	<b>30,068,849</b>	<b>37,312,046</b>	<b>41,327,494</b>	<b>46,692,873</b>	<b>50,473,959</b>	<b>47,540,657</b>	<b>45,192,004</b>	<b>40,928,355</b>	<b>43,410,417</b>	<b>480,957,018</b>
7. Over/(Under) Recovery	2,968,406	8,747,622	4,965,413	12,800,615	5,481,367	(20,850,567)	(24,190,111)	(27,857,978)	3,656,742	1,082,061	(2,748,727)	(7,753,330)	(43,698,487)
7a. FUEL SAVINGS CREDIT FOR LAKE HANCOCK GENERATION PER SECOND SoBRA	0	236,322	0	0	0	0	0	0	0	0	0	0	236,322
8. Interest Provision	10,982	21,803	40,744	35,565	2,951	3,422	4,052	(1,844)	(5,717)	(4,960)	(5,229)	(6,911)	94,858
<b>9. TOTAL ESTIMATED TRUE-UP FOR THE PERIOD</b>													<b>(43,367,307)</b>

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**TAMPA ELECTRIC COMPANY**  
**FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION**  
**ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2020 THROUGH DECEMBER 2020**

SCHEDULE E2

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	TOTAL PERIOD
	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	
1. Fuel Cost of System Net Generation	36,433,217	28,053,617	31,379,547	25,492,298	27,707,925	32,535,096	40,708,751	43,874,042	41,164,058	38,341,342	36,354,561	42,572,326	424,616,780
2. Nuclear Fuel Disposal	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Fuel Cost of Power Sold <sup>(1)</sup>	87,963	93,206	310,050	36,113	55,255	64,665	66,154	67,203	70,381	73,668	72,806	77,059	1,074,523
4. Fuel Cost of Purchased Power	2,767	(3,817)	0	129,561	78,534	71,725	0	42,260	53,630	0	0	555,160	929,820
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	88,714	291,342	171,178	218,027	120,336	107,388	189,360	211,880	194,840	198,000	195,750	167,730	2,154,545
7. Energy Cost of Economy Purchases	314,503	260,337	443,296	3,913,922	9,221,266	8,677,950	6,321,920	6,412,980	6,198,510	6,726,330	4,450,850	192,260	53,134,124
8. Adj. Big Bend Units 1-4 Igniters Conversion Project	357,864	355,627	353,391	351,154	239,240	0	0	0	0	0	0	0	1,657,276
9. Adjustment TRANSCO Refund	0	0	0	0	0	0	(461,004)	0	0	0	0	0	(461,004)
10. Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>11. TOTAL FUEL &amp; NET POWER TRANSACTIONS</b>	<b>37,109,102</b>	<b>28,863,900</b>	<b>32,037,362</b>	<b>30,068,849</b>	<b>37,312,046</b>	<b>41,327,494</b>	<b>46,692,873</b>	<b>50,473,959</b>	<b>47,540,657</b>	<b>45,192,004</b>	<b>40,928,355</b>	<b>43,410,417</b>	<b>480,957,018</b>
12. Jurisdictional MWH Sold	1,455,302	1,379,292	1,359,170	1,534,770	1,528,679	1,775,552	1,873,355	1,902,497	1,937,665	1,778,494	1,498,483	1,410,765	19,434,024
13. 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	-
14. Jurisdictional Total Fuel & Net Power Transactions (Line 11 * Line 13)	37,109,102	28,863,900	32,037,362	30,068,849	37,312,046	41,327,494	46,692,873	50,473,959	47,540,657	45,192,004	40,928,355	43,410,417	480,957,018
15. 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	-
16. Jurisdictional Sales Adjusted for Line Losses (Line 14 * Line 15)	37,109,102	28,863,900	32,037,362	30,068,849	37,312,046	41,327,494	46,692,873	50,473,959	47,540,657	45,192,004	40,928,355	43,410,417	480,957,018
17. Adjustments	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>18. JURISD. TOTAL FUEL &amp; NET PWR. TRANS. (LINE 16+17)</b>	<b>37,109,102</b>	<b>28,863,900</b>	<b>32,037,362</b>	<b>30,068,849</b>	<b>37,312,046</b>	<b>41,327,494</b>	<b>46,692,873</b>	<b>50,473,959</b>	<b>47,540,657</b>	<b>45,192,004</b>	<b>40,928,355</b>	<b>43,410,417</b>	<b>480,957,018</b>
19. Cost Per kWh Sold (Cents/kWh)	2.5499	2.0927	2.3571	1.9592	2.4408	2.3276	2.4925	2.6530	2.4535	2.5410	2.7313	3.0771	2.4748
20. Optimization Mechanism (Cents/kWh) <sup>(2)</sup>	(0.0064)	(0.0068)	(0.0069)	(0.0061)	(0.0061)	(0.0053)	(0.0050)	(0.0049)	(0.0048)	(0.0052)	(0.0062)	(0.0066)	(0.0059)
21. True-up (Cents/kWh) <sup>(2)</sup>	0.1760	0.1857	0.1885	0.1669	0.1676	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0737
22. Total (Cents/kWh) (Line 19+20+21)	2.7195	2.2716	2.5387	2.1200	2.6023	2.3223	2.4875	2.6481	2.4487	2.5358	2.7251	3.0705	2.5427
23. 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
24. Recovery Factor Adjusted for Taxes (Cents/kWh) (Excluding GPIF)	2.7215	2.2732	2.5406	2.1215	2.6042	2.3240	2.4893	2.6501	2.4505	2.5377	2.7271	3.0727	2.5445
25. GPIF Adjusted for Taxes (Cents/kWh) <sup>(2)</sup>	0.0237	0.0250	0.0254	0.0225	0.0226	0.0194	0.0184	0.0181	0.0178	0.0194	0.0230	0.0245	0.0217
<b>26. TOTAL RECOVERY FACTOR (LINE 24+25)</b>	<b>2.7452</b>	<b>2.2982</b>	<b>2.5660</b>	<b>2.1440</b>	<b>2.6268</b>	<b>2.3434</b>	<b>2.5077</b>	<b>2.6682</b>	<b>2.4683</b>	<b>2.5571</b>	<b>2.7501</b>	<b>3.0972</b>	<b>2.5662</b>
<b>27. RECOVERY FACTOR ROUNDED TO NEAREST 0.001 CENTS/KWH</b>	<b>2.745</b>	<b>2.298</b>	<b>2.566</b>	<b>2.144</b>	<b>2.627</b>	<b>2.343</b>	<b>2.508</b>	<b>2.668</b>	<b>2.468</b>	<b>2.557</b>	<b>2.750</b>	<b>3.097</b>	<b>2.566</b>

<sup>(1)</sup> Includes Gains

<sup>(2)</sup> Based on Jurisdictional Sales Only

TAMPA ELECTRIC COMPANY  
GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE  
ACTUAL FOR THE PERIOD: JANUARY 2020 THROUGH JUNE 2020

SCHEDULE E3

	ACTUAL					
	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
<b>FUEL COST OF SYSTEM NET GENERATION (\$)</b>						
1. HEAVY OIL	0	0	0	0	0	0
2. LIGHT OIL	0	0	0	0	56,132	111,650
3. COAL	5,976,802	1,044,084	1,258,618	355,640	354,196	2,645,478
4. NATURAL GAS	30,456,415	27,009,533	30,120,929	25,136,658	27,297,597	29,777,968
5. SOLAR	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0
<b>7. TOTAL (\$)</b>	<b>36,433,217</b>	<b>28,053,617</b>	<b>31,379,547</b>	<b>25,492,298</b>	<b>27,707,925</b>	<b>32,535,096</b>
<b>SYSTEM NET GENERATION (MWH)</b>						
8. HEAVY OIL	0	0	0	0	0	0
9. LIGHT OIL	0	0	0	0	205	251
10. COAL	179,947	(1,208)	(664)	(1,743)	(514)	78,044
11. NATURAL GAS	1,246,294	1,336,780	1,521,132	1,329,024	1,309,506	1,501,629
12. SOLAR	59,607	69,676	104,627	100,443	134,680	114,484
13. OTHER	0	0	0	0	0	0
<b>14. TOTAL (MWH)</b>	<b>1,485,848</b>	<b>1,405,248</b>	<b>1,625,095</b>	<b>1,427,724</b>	<b>1,443,877</b>	<b>1,694,408</b>
<b>UNITS OF FUEL BURNED</b>						
15. HEAVY OIL (BBL)	0	0	0	0	0	0
16. LIGHT OIL (BBL)	0	0	0	0	440	759
17. COAL (TON)	82,330	0	(2,255)	0	0	41,559
18. NATURAL GAS (MCF)	10,057,418	10,067,881	11,701,767	9,429,039	9,453,126	11,750,533
19. SOLAR	0	0	0	0	0	0
20. OTHER	0	0	0	0	0	0
<b>BTUS BURNED (MMBTU)</b>						
21. HEAVY OIL	0	0	0	0	0	0
22. LIGHT OIL	0	0	0	0	2,567	4,422
23. COAL	1,900,555	0	(51,555)	0	0	932,418
24. NATURAL GAS	10,298,745	10,315,146	11,991,164	9,682,959	9,658,693	11,965,018
25. SOLAR	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0
<b>27. TOTAL (MMBTU)</b>	<b>12,199,300</b>	<b>10,315,146</b>	<b>11,939,609</b>	<b>9,682,959</b>	<b>9,661,260</b>	<b>12,901,858</b>
<b>GENERATION MIX (% MWH)</b>						
28. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00
29. LIGHT OIL	0.00	0.00	0.00	0.00	0.01	0.01
30. COAL	12.11	(0.09)	(0.04)	(0.13)	(0.03)	4.61
31. NATURAL GAS	83.88	95.13	93.60	93.09	90.69	88.62
32. SOLAR	4.01	4.96	6.44	7.04	9.33	6.76
33. OTHER	0.00	0.00	0.00	0.00	0.00	0.00
<b>34. TOTAL (%)</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
<b>FUEL COST PER UNIT</b>						
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	0.00	127.57	147.10
37. COAL (\$/TON)	72.60	0.00	(558.15)	0.00	0.00	63.66
38. NATURAL GAS (\$/MCF)	3.03	2.68	2.57	2.67	2.89	2.53
39. SOLAR	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
<b>FUEL COST PER MMBTU (\$/MMBTU)</b>						
41. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00
42. LIGHT OIL	0.00	0.00	0.00	0.00	21.87	25.25
43. COAL	3.14	0.00	(24.41)	0.00	0.00	2.84
44. NATURAL GAS	2.96	2.62	2.51	2.60	2.83	2.49
45. SOLAR	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
<b>47. TOTAL (\$/MMBTU)</b>	<b>2.99</b>	<b>2.72</b>	<b>2.63</b>	<b>2.63</b>	<b>2.87</b>	<b>2.52</b>
<b>BTU BURNED PER KWH (BTU/KWH)</b>						
48. HEAVY OIL	0	0	0	0	0	0
49. LIGHT OIL	0	0	0	0	12,522	17,618
50. COAL	10,562	0	77,643	0	0	11,947
51. NATURAL GAS	8,263	7,716	7,883	7,286	7,376	7,968
52. SOLAR	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0
<b>54. TOTAL (BTU/KWH)</b>	<b>8,210</b>	<b>7,340</b>	<b>7,347</b>	<b>6,782</b>	<b>6,691</b>	<b>7,614</b>
<b>GENERATED FUEL COST PER KWH (CENTS/KWH)</b>						
55. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00
56. LIGHT OIL	0.00	0.00	0.00	0.00	27.38	44.48
57. COAL	3.32	(86.43)	(189.55)	(20.40)	(68.91)	3.39
58. NATURAL GAS	2.44	2.02	1.98	1.89	2.08	1.98
59. SOLAR	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
<b>61. TOTAL (CENTS/KWH)</b>	<b>2.45</b>	<b>2.00</b>	<b>1.93</b>	<b>1.79</b>	<b>1.92</b>	<b>1.92</b>



TAMPA ELECTRIC COMPANY  
 GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE  
 ESTIMATED FOR THE PERIOD: JULY 2020 THROUGH DECEMBER 2020

SCHEDULE E3

	Estimated					TOTAL	
	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20		Dec-20
<b>FUEL COST OF SYSTEM NET GENERATION (\$)</b>							
1. HEAVY OIL	0	0	0	0	0	0	0
2. LIGHT OIL	673,588	608,665	539,378	501,308	398,286	478,444	3,367,451
3. COAL	4,219,114	4,312,681	4,246,528	2,034,424	1,618,459	2,970,432	31,036,456
4. NATURAL GAS	35,816,049	38,952,696	36,378,152	35,805,610	34,337,816	39,123,450	390,212,873
5. SOLAR	0	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0	0
<b>7. TOTAL (\$)</b>	<b>40,708,751</b>	<b>43,874,042</b>	<b>41,164,058</b>	<b>38,341,342</b>	<b>36,354,561</b>	<b>42,572,326</b>	<b>424,616,780</b>
<b>SYSTEM NET GENERATION (MWH)</b>							
8. HEAVY OIL	0	0	0	0	0	0	0
9. LIGHT OIL	2,658	2,658	2,572	2,529	2,100	2,658	15,631
10. COAL	104,340	108,120	107,800	50,220	39,680	75,210	739,232
11. NATURAL GAS	1,539,593	1,612,643	1,460,929	1,372,221	1,157,850	1,341,443	16,729,044
12. SOLAR	135,030	130,700	112,590	112,270	89,140	76,390	1,239,637
13. OTHER	0	0	0	0	0	0	0
<b>14. TOTAL (MWH)</b>	<b>1,781,621</b>	<b>1,854,121</b>	<b>1,683,891</b>	<b>1,537,240</b>	<b>1,288,770</b>	<b>1,495,701</b>	<b>18,723,544</b>
<b>UNITS OF FUEL BURNED</b>							
15. HEAVY OIL (BBL)	0	0	0	0	0	0	0
16. LIGHT OIL (BBL)	4,986	4,986	4,824	4,744	3,940	4,986	29,665
17. COAL (TON)	59,450	60,940	60,180	28,920	22,850	42,230	396,204
18. NATURAL GAS (MCF)	11,016,735	11,636,535	10,634,604	10,278,364	9,091,264	9,641,105	124,758,371
19. SOLAR	0	0	0	0	0	0	0
20. OTHER	0	0	0	0	0	0	0
<b>BTUS BURNED (MMBTU)</b>							
21. HEAVY OIL	0	0	0	0	0	0	0
22. LIGHT OIL	29,229	29,229	28,286	27,814	23,100	29,229	173,875
23. COAL	1,337,720	1,371,170	1,354,020	650,620	514,200	950,270	8,959,418
24. NATURAL GAS	11,314,161	11,940,981	10,908,824	10,513,806	9,299,520	9,892,681	127,781,699
25. SOLAR	0	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0	0
<b>27. TOTAL (MMBTU)</b>	<b>12,681,110</b>	<b>13,341,380</b>	<b>12,291,130</b>	<b>11,192,240</b>	<b>9,836,820</b>	<b>10,872,180</b>	<b>136,914,992</b>
<b>GENERATION MIX (% MWH)</b>							
28. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29. LIGHT OIL	0.15	0.14	0.15	0.16	0.16	0.18	0.08
30. COAL	5.85	5.83	6.40	3.27	3.08	5.02	3.95
31. NATURAL GAS	86.42	86.98	86.76	89.27	89.84	89.69	89.35
32. SOLAR	7.58	7.05	6.69	7.30	6.92	5.11	6.62
33. OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>34. TOTAL (%)</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
<b>FUEL COST PER UNIT</b>							
35. HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36. LIGHT OIL (\$/BBL)	135.10	122.07	111.81	105.67	101.09	95.96	113.52
37. COAL (\$/TON)	70.97	70.77	70.56	70.35	70.83	70.34	78.33
38. NATURAL GAS (\$/MCF)	3.25	3.35	3.42	3.48	3.78	4.06	3.13
39. SOLAR	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
<b>FUEL COST PER MMBTU (\$/MMBTU)</b>							
41. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42. LIGHT OIL	23.05	20.82	19.07	18.02	17.24	16.37	19.37
43. COAL	3.15	3.15	3.14	3.13	3.15	3.13	3.46
44. NATURAL GAS	3.17	3.26	3.33	3.41	3.69	3.95	3.05
45. SOLAR	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
<b>47. TOTAL (\$/MMBTU)</b>	<b>3.21</b>	<b>3.29</b>	<b>3.35</b>	<b>3.43</b>	<b>3.70</b>	<b>3.92</b>	<b>3.10</b>
<b>BTU BURNED PER KWH (BTU/KWH)</b>							
48. HEAVY OIL	0	0	0	0	0	0	0
49. LIGHT OIL	10,996	10,996	10,998	10,998	11,000	10,996	11,124
50. COAL	12,821	12,682	12,560	12,955	12,959	12,635	12,120
51. NATURAL GAS	7,349	7,405	7,467	7,662	8,032	7,375	7,638
52. SOLAR	0	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0	0
<b>54. TOTAL (BTU/KWH)</b>	<b>7,118</b>	<b>7,196</b>	<b>7,299</b>	<b>7,281</b>	<b>7,633</b>	<b>7,269</b>	<b>7,312</b>
<b>GENERATED FUEL COST PER KWH (CENTS/KWH)</b>							
55. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
56. LIGHT OIL	25.34	22.90	20.97	19.82	18.97	18.00	21.54
57. COAL	4.04	3.99	3.94	4.05	4.08	3.95	4.20
58. NATURAL GAS	2.33	2.42	2.49	2.61	2.97	2.92	2.33
59. SOLAR	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
<b>61. TOTAL (CENTS/KWH)</b>	<b>2.28</b>	<b>2.37</b>	<b>2.44</b>	<b>2.49</b>	<b>2.82</b>	<b>2.85</b>	<b>2.27</b>

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY  
MONTH OF: January 2020

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET 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) <sup>(2)</sup>	AS BURNED FUEL COST (\$) <sup>(1)</sup>	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	107	9.0	-	31.7	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	2,434	16.9	-	41.4	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.4	123	11.8	-	28.6	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	9,987	19.1	-	47.5	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.4	10,416	18.8	-	47.5	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.5	10,603	19.1	-	47.4	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	61.1	8,151	17.9	-	44.9	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.4	6,605	16.0	-	42.9	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.5	4,583	16.4	-	39.6	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.5	6,200	16.8	-	44.9	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR <sup>(3)</sup>	74.8	(11)	-	-	-	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.5	409	-	-	-	-	SOLAR	-	-	-	-	-	-
<b>SOLAR TOTAL</b>	<b>594.4</b>	<b>59,607</b>	<b>13.5</b>	<b>-</b>	<b>32.5</b>	<b>-</b>	<b>SOLAR</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>BIG BEND #1 TOTAL</b>	<b>315</b>	<b>36,687</b>	<b>15.7</b>	<b>100.0</b>	<b>42.4</b>	<b>13,129</b>	<b>GAS</b>	<b>469,929</b>	<b>1,025,000</b>	<b>481,677.7</b>	<b>1,423,066</b>	<b>3.88</b>	<b>3.03</b>
<b>BIG BEND #2 TOTAL</b>	<b>350</b>	<b>81,100</b>	<b>31.1</b>	<b>46.9</b>	<b>71.5</b>	<b>11,351</b>	<b>GAS</b>	<b>898,078</b>	<b>1,025,000</b>	<b>920,530.2</b>	<b>2,719,609</b>	<b>3.35</b>	<b>3.03</b>
B.B.#3 (COAL)	400	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#3 (GAS)	355	181,071	68.6	98.9	68.6	-	GAS	2,013,080	1,025,000	2,063,407.0	6,096,117	3.37	3.03
<b>BIG BEND #3 TOTAL</b>	<b>355</b>	<b>181,071</b>	<b>68.6</b>	<b>98.9</b>	<b>68.6</b>	<b>11,396</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,063,407.0</b>	<b>6,096,117</b>	<b>3.37</b>	<b>-</b>
B.B.#4 (COAL)	442	181,228	55.1	90.4	70.1	-	COAL	82,330	23,084,544	1,900,554.7	5,976,802	3.30	72.60
B.B.#4 (GAS)	195	6,934	4.8	90.4	82.7	-	GAS	71,983	1,025,000	73,782.2	217,982	3.14	3.03
<b>BIG BEND #4 TOTAL</b>	<b>442</b>	<b>188,162</b>	<b>57.2</b>	<b>90.4</b>	<b>67.7</b>	<b>10,508</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,974,336.9</b>	<b>6,194,784</b>	<b>3.29</b>	<b>-</b>
B.B. IGNITION	-	-	-	-	-	-	GAS	9,861	1,025,000	10,108.0	29,863	-	3.03
<b>BIG BEND CT #4 TOTAL</b> <sup>(3)</sup>	<b>61</b>	<b>(7)</b>	<b>0.0</b>	<b>77.1</b>	<b>0.0</b>	<b>0</b>	<b>GAS</b>	<b>2,625</b>	<b>1,025,000</b>	<b>2,690.5</b>	<b>7,950</b>	<b>(113.57)</b>	<b>3.03</b>
<b>BIG BEND STATION TOTAL</b>	<b>1,523</b>	<b>487,013</b>	<b>45.7</b>	<b>83.5</b>	<b>45.7</b>	<b>11,181</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,442,642.3</b>	<b>16,471,389</b>	<b>3.38</b>	<b>-</b>
POLK #1 GASIFIER <sup>(3)</sup>	157	(1,281)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)	177	23,026	18.9	98.0	66.4	11,131	GAS	250,051	1,025,000	256,302.0	757,217	2.39	3.03
POLK #1 ST	85	8,681	13.2	97.8	47.2	-	-	-	-	-	-	-	-
<b>POLK #1 TOTAL</b>	<b>245</b>	<b>30,426</b>	<b>16.9</b>	<b>97.9</b>	<b>59.3</b>	<b>8,424</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>256,302.0</b>	<b>757,217</b>	<b>2.49</b>	<b>-</b>
POLK #2 ST DUCT FIRING	120	12,844	14.4	-	85.6	8,400	GAS	105,258	1,025,000	107,889.0	318,747	2.48	3.03
POLK #2 ST W/O DUCT FIRING	360	229,912	85.8	-	-	-	-	-	-	-	-	-	-
<b>POLK #2 ST TOTAL</b>	<b>480</b>	<b>242,756</b>	<b>68.0</b>	<b>99.4</b>	<b>85.6</b>	<b>-</b>	<b>GAS</b>	<b>-</b>	<b>-</b>	<b>107,889.0</b>	<b>318,747</b>	<b>0.13</b>	<b>-</b>
POLK #2 CT (GAS)	180	99,676	74.4	98.0	79.9	11,162	GAS	1,085,419	1,025,000	1,112,554.0	3,286,923	3.30	3.03
POLK #2 CT (OIL)	187	0	0.0	98.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
<b>POLK #2 TOTAL</b>	<b>180</b>	<b>99,676</b>	<b>74.4</b>	<b>98.0</b>	<b>79.9</b>	<b>11,162</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,112,554.0</b>	<b>3,286,923</b>	<b>3.30</b>	<b>-</b>
POLK #3 CT (GAS)	180	93,794	70.0	99.9	80.4	10,921	GAS	999,359	1,025,000	1,024,343.0	3,026,313	3.23	3.03
POLK #3 CT (OIL)	187	0	0.0	99.9	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
<b>POLK #3 TOTAL</b>	<b>180</b>	<b>93,794</b>	<b>70.0</b>	<b>99.9</b>	<b>80.4</b>	<b>10,921</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,024,343.0</b>	<b>3,026,313</b>	<b>3.23</b>	<b>-</b>
<b>POLK #4 TOTAL</b>	<b>180</b>	<b>97,077</b>	<b>72.5</b>	<b>100.0</b>	<b>81.2</b>	<b>10,844</b>	<b>GAS</b>	<b>1,026,987</b>	<b>1,025,000</b>	<b>1,052,662.0</b>	<b>3,109,978</b>	<b>3.20</b>	<b>3.03</b>
<b>POLK #5 TOTAL</b>	<b>180</b>	<b>103,520</b>	<b>77.3</b>	<b>99.8</b>	<b>81.4</b>	<b>10,830</b>	<b>GAS</b>	<b>1,093,798</b>	<b>1,025,000</b>	<b>1,121,143.0</b>	<b>3,312,298</b>	<b>3.20</b>	<b>3.03</b>
<b>POLK #2 CC TOTAL</b>	<b>1,200</b>	<b>636,823</b>	<b>71.3</b>	<b>99.4</b>	<b>71.3</b>	<b>6,938</b>	<b>GAS</b>	<b>-</b>	<b>-</b>	<b>4,418,591.0</b>	<b>13,054,259</b>	<b>2.05</b>	<b>-</b>
<b>POLK STATION TOTAL</b>	<b>1,445</b>	<b>667,249</b>	<b>62.2</b>	<b>99.2</b>	<b>62.2</b>	<b>7,006</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,674,893.0</b>	<b>13,811,476</b>	<b>2.07</b>	<b>-</b>

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY  
MONTH OF: January 2020

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET 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) <sup>(2)</sup>	AS BURNED FUEL COST (\$) <sup>(1)</sup>	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	243	89,274	49.4	99.3	49.4	-		-	-	-	-	-	-
BAYSIDE CT1A	183	52,833	38.8	99.3	65.2	11,858	GAS	611,209	1,025,000	626,489.1	1,850,896	3.50	3.03
BAYSIDE CT1B	183	54,659	40.1	97.9	64.8	11,888	GAS	633,927	1,025,000	649,775.4	1,919,692	3.51	3.03
BAYSIDE CT1C	183	51,465	37.8	100.0	64.5	11,635	GAS	584,174	1,025,000	598,778.6	1,769,028	3.44	3.03
<b>BAYSIDE UNIT 1 TOTAL</b>	<b>792</b>	<b>248,231</b>	<b>42.1</b>	<b>99.1</b>	<b>42.1</b>	<b>7,554</b>	<b>GAS</b>	<b>1,829,310</b>	<b>1,025,000</b>	<b>1,875,043.0</b>	<b>5,539,616</b>	<b>2.23</b>	<b>3.03</b>
BAYSIDE ST 2	315	7,290	3.1	71.2	27.2	-		-	-	-	-	-	-
BAYSIDE CT2A	183	4,281	3.1	66.4	52.4	12,836	GAS	53,608	1,025,000	54,948.3	162,338	3.79	3.03
BAYSIDE CT2B	183	3,621	2.7	73.0	63.3	12,403	GAS	43,809	1,025,000	44,904.2	132,665	3.66	3.03
BAYSIDE CT2C	183	4,805	3.5	73.0	60.5	12,632	GAS	59,212	1,025,000	60,692.5	179,309	3.73	3.03
BAYSIDE CT2D	183	2,312	1.7	73.0	60.3	12,533	GAS	28,271	1,025,000	28,977.4	85,612	3.70	3.03
<b>BAYSIDE UNIT 2 TOTAL</b>	<b>1,047</b>	<b>22,309</b>	<b>2.9</b>	<b>71.3</b>	<b>25.0</b>	<b>8,496</b>	<b>GAS</b>	<b>184,900</b>	<b>1,025,000</b>	<b>189,522.4</b>	<b>559,924</b>	<b>2.51</b>	<b>3.03</b>
<b>BAYSIDE UNIT 3 TOTAL</b>	<b>61</b>	<b>324</b>	<b>0.7</b>	<b>100.0</b>	<b>88.3</b>	<b>10,933</b>	<b>GAS</b>	<b>3,459</b>	<b>1,025,000</b>	<b>3,545.9</b>	<b>10,476</b>	<b>3.23</b>	<b>3.03</b>
<b>BAYSIDE UNIT 4 TOTAL</b>	<b>61</b>	<b>268</b>	<b>0.6</b>	<b>100.0</b>	<b>86.4</b>	<b>10,939</b>	<b>GAS</b>	<b>2,863</b>	<b>1,025,000</b>	<b>2,934.0</b>	<b>8,668</b>	<b>3.23</b>	<b>3.03</b>
<b>BAYSIDE UNIT 5 TOTAL</b>	<b>61</b>	<b>601</b>	<b>1.3</b>	<b>100.0</b>	<b>77.5</b>	<b>13,351</b>	<b>GAS</b>	<b>7,830</b>	<b>1,025,000</b>	<b>8,025.6</b>	<b>23,711</b>	<b>3.95</b>	<b>3.03</b>
<b>BAYSIDE UNIT 6 TOTAL</b>	<b>61</b>	<b>246</b>	<b>0.5</b>	<b>100.0</b>	<b>85.0</b>	<b>10,934</b>	<b>GAS</b>	<b>2,628</b>	<b>1,025,000</b>	<b>2,693.5</b>	<b>7,957</b>	<b>3.23</b>	<b>3.03</b>
<b>BAYSIDE STATION TOTAL</b>	<b>2,083</b>	<b>271,979</b>	<b>17.5</b>	<b>85.2</b>	<b>17.5</b>	<b>7,654</b>	<b>GAS</b>	<b>2,030,990</b>	<b>1,025,000</b>	<b>2,081,764.4</b>	<b>6,150,352</b>	<b>2.26</b>	<b>3.03</b>
<b>SYSTEM</b>	<b>5,645</b>	<b>1,485,848</b>	<b>35.4</b>	<b>88.7</b>	<b>37.7</b>	<b>8,212</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>12,199,299.8</b>	<b>36,433,217</b>	<b>2.45</b>	<b>-</b>

LEGEND:  
B.B. = BIG BEND  
CT = COMBUSTION TURBINE

CC = COMBINED CYCLE  
ST = STEAM TURBINE

Footnotes:  
<sup>(1)</sup> As burned fuel cost system total includes ignition.  
<sup>(2)</sup> Fuel burned (MM BTU) system total excludes ignition.  
<sup>(3)</sup> Station Service

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY  
MONTH OF: February 2020

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET 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) <sup>(2)</sup>	AS BURNED FUEL COST (\$) <sup>(1)</sup>	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	114	10.2	-	29.1	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	2,733	20.2	-	46.2	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.4	136	14.0	-	31.6	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	10,428	21.3	-	49.8	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.4	11,172	21.6	-	48.9	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.5	11,497	22.2	-	50.1	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	61.1	8,960	21.1	-	48.1	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.4	7,515	19.5	-	46.0	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.5	4,918	18.8	-	41.8	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.5	1,280	3.7	-	45.4	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR <sup>(3)</sup>	74.8	(33)	-	-	-	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.5	10,956	26.6	-	47.6	-	SOLAR	-	-	-	-	-	-
<b>SOLAR TOTAL</b>	<b>594.4</b>	<b>69,676</b>	<b>16.8</b>	<b>-</b>	<b>37.3</b>	<b>-</b>	<b>SOLAR</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>BIG BEND #1 TOTAL</b>	<b>315</b>	<b>14,104</b>	<b>6.4</b>	<b>100.0</b>	<b>40.0</b>	<b>13,421</b>	<b>GAS</b>	<b>184,671</b>	<b>1,025,000</b>	<b>189,288.9</b>	<b>495,427</b>	<b>3.51</b>	<b>2.68</b>
<b>BIG BEND #2 TOTAL</b> <sup>(4)</sup>	<b>350</b>	<b>0</b>	<b>0.0</b>	<b>100.0</b>	<b>0.0</b>	<b>0</b>	<b>GAS</b>	<b>104</b>	<b>1,025,000</b>	<b>106.2</b>	<b>278</b>	<b>0.00</b>	<b>2.67</b>
B.B.#3 (COAL)	400	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#3 (GAS)	355	149,183	60.4	98.6	62.7	-	GAS	1,621,728	1,025,000	1,662,271.0	4,350,678	2.92	2.68
<b>BIG BEND #3 TOTAL</b>	<b>355</b>	<b>149,183</b>	<b>60.4</b>	<b>98.6</b>	<b>62.7</b>	<b>11,142</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,662,271.0</b>	<b>4,350,678</b>	<b>2.92</b>	<b>-</b>
B.B.#4 (COAL) <sup>(5)</sup>	442	0	0.0	0.0	0.0	-	COAL	0	0	0.0	1,054,713	0.00	0.00
B.B.#4 (GAS)	195	0	0.0	0.0	0.0	-	GAS	0	0	0.0	0	0.00	0.00
<b>BIG BEND #4 TOTAL</b>	<b>442</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.0</b>	<b>1,054,713</b>	<b>0.00</b>	<b>-</b>
B.B. IGNITION	-	-	-	-	-	-	GAS	4,325	1,025,000	4,433.0	11,603	-	2.68
<b>BIG BEND CT #4 TOTAL</b>	<b>61</b>	<b>346</b>	<b>0.8</b>	<b>87.0</b>	<b>68.5</b>	<b>18,474</b>	<b>GAS</b>	<b>6,236</b>	<b>1,025,000</b>	<b>6,391.9</b>	<b>16,730</b>	<b>4.84</b>	<b>2.68</b>
<b>BIG BEND STATION TOTAL</b>	<b>1,523</b>	<b>163,633</b>	<b>16.4</b>	<b>74.5</b>	<b>17.0</b>	<b>11,355</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,858,058.0</b>	<b>5,929,429</b>	<b>3.62</b>	<b>-</b>
POLK #1 GASIFIER <sup>(3),(6)</sup>	157	(1,208)	-	-	-	-	COAL	-	-	-	(10,629)	0.88	-
POLK #1 CT (GAS)	177	12,067	10.2	81.1	59.2	13,007	GAS	153,123	1,025,000	156,951.0	410,789	2.48	2.68
POLK #1 ST	85	4,501	7.1	81.1	42.1	-	-	-	-	-	-	-	-
<b>POLK #1 TOTAL</b>	<b>245</b>	<b>15,360</b>	<b>9.1</b>	<b>81.1</b>	<b>52.7</b>	<b>10,218</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>156,951.0</b>	<b>400,160</b>	<b>2.61</b>	<b>-</b>
POLK #2 ST DUCT FIRING	120	12,173	14.6	-	78.4	8,400	GAS	99,753	1,025,000	102,248.0	267,615	2.20	2.68
POLK #2 ST W/O DUCT FIRING	360	212,868	85.0	-	-	-	-	-	-	-	-	-	-
<b>POLK #2 ST TOTAL</b>	<b>480</b>	<b>225,041</b>	<b>67.4</b>	<b>88.1</b>	<b>78.4</b>	<b>-</b>	<b>GAS</b>	<b>-</b>	<b>-</b>	<b>102,248.0</b>	<b>267,615</b>	<b>0.12</b>	<b>-</b>
POLK #2 CT (GAS)	180	101,894	81.3	100.0	82.1	11,169	GAS	1,110,285	1,025,000	1,138,042.0	2,978,608	2.92	2.68
POLK #2 CT (OIL)	187	0	0.0	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
<b>POLK #2 TOTAL</b>	<b>180</b>	<b>101,894</b>	<b>81.3</b>	<b>100.0</b>	<b>82.1</b>	<b>11,169</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,138,042.0</b>	<b>2,978,608</b>	<b>2.92</b>	<b>-</b>
POLK #3 CT (GAS)	180	103,389	82.5	100.0	83.5	10,847	GAS	1,094,082	1,025,000	1,121,434.0	2,935,140	2.84	2.68
POLK #3 CT (OIL)	187	0	0.0	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
<b>POLK #3 TOTAL</b>	<b>180</b>	<b>103,389</b>	<b>82.5</b>	<b>100.0</b>	<b>83.5</b>	<b>10,847</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,121,434.0</b>	<b>2,935,140</b>	<b>2.84</b>	<b>-</b>
<b>POLK #4 TOTAL</b>	<b>180</b>	<b>58,498</b>	<b>46.7</b>	<b>82.2</b>	<b>82.1</b>	<b>10,854</b>	<b>GAS</b>	<b>619,457</b>	<b>1,025,000</b>	<b>634,943.0</b>	<b>1,661,842</b>	<b>2.84</b>	<b>2.68</b>
<b>POLK #5 TOTAL</b>	<b>180</b>	<b>104,317</b>	<b>83.3</b>	<b>97.8</b>	<b>85.2</b>	<b>10,761</b>	<b>GAS</b>	<b>1,095,209</b>	<b>1,025,000</b>	<b>1,122,589.0</b>	<b>2,938,163</b>	<b>2.82</b>	<b>2.68</b>
<b>POLK #2 CC TOTAL</b>	<b>1,200</b>	<b>593,139</b>	<b>71.0</b>	<b>92.2</b>	<b>71.0</b>	<b>6,945</b>	<b>GAS</b>	<b>-</b>	<b>-</b>	<b>4,119,256.0</b>	<b>10,781,368</b>	<b>1.82</b>	<b>-</b>
<b>POLK STATION TOTAL</b>	<b>1,445</b>	<b>608,498</b>	<b>60.6</b>	<b>90.4</b>	<b>60.6</b>	<b>7,027</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,276,207.0</b>	<b>11,181,528</b>	<b>1.84</b>	<b>-</b>

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SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY  
MONTH OF: February 2020

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET 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) <sup>(2)</sup>	AS BURNED FUEL COST (\$) <sup>(1)</sup>	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	243	71,462	42.3	88.4	61.2	-		-	-	-	-	-	-
BAYSIDE CT1A	183	44,397	34.9	87.5	70.4	11,356	GAS	491,852	1,025,000	504,148.7	1,319,513	2.97	2.68
BAYSIDE CT1B	183	41,937	32.9	88.6	71.3	11,412	GAS	466,927	1,025,000	478,599.9	1,252,645	2.99	2.68
BAYSIDE CT1C	183	45,546	35.8	88.9	70.0	11,215	GAS	498,333	1,025,000	510,791.7	1,336,900	2.94	2.68
<b>BAYSIDE UNIT 1 TOTAL</b>	<b>792</b>	<b>203,342</b>	<b>36.9</b>	<b>88.3</b>	<b>53.4</b>	<b>7,345</b>	<b>GAS</b>	<b>1,457,112</b>	<b>1,025,000</b>	<b>1,493,540.3</b>	<b>3,909,058</b>	<b>1.92</b>	<b>2.68</b>
BAYSIDE ST 2	315	123,147	56.2	95.9	56.2	-		-	-	-	-	-	-
BAYSIDE CT2A	183	63,374	49.8	83.4	69.7	11,192	GAS	691,968	1,025,000	709,267.9	1,856,373	2.93	2.68
BAYSIDE CT2B	183	55,494	43.6	99.0	70.5	11,448	GAS	619,782	1,025,000	635,276.4	1,662,716	3.00	2.68
BAYSIDE CT2C	183	59,487	46.7	99.1	70.7	11,427	GAS	663,202	1,025,000	679,782.4	1,779,201	2.99	2.68
BAYSIDE CT2D	183	55,942	43.9	99.1	71.0	11,318	GAS	617,714	1,025,000	633,156.9	1,657,168	2.96	2.68
<b>BAYSIDE UNIT 2 TOTAL</b>	<b>1,047</b>	<b>357,444</b>	<b>49.1</b>	<b>95.4</b>	<b>49.1</b>	<b>7,435</b>	<b>GAS</b>	<b>2,592,666</b>	<b>1,025,000</b>	<b>2,657,483.6</b>	<b>6,955,458</b>	<b>1.95</b>	<b>2.68</b>
<b>BAYSIDE UNIT 3 TOTAL</b>	<b>61</b>	<b>288</b>	<b>0.7</b>	<b>88.3</b>	<b>58.3</b>	<b>11,207</b>	<b>GAS</b>	<b>3,149</b>	<b>1,025,000</b>	<b>3,227.3</b>	<b>8,447</b>	<b>2.93</b>	<b>2.68</b>
<b>BAYSIDE UNIT 4 TOTAL</b>	<b>61</b>	<b>802</b>	<b>1.9</b>	<b>99.4</b>	<b>85.2</b>	<b>10,545</b>	<b>GAS</b>	<b>8,248</b>	<b>1,025,000</b>	<b>8,453.1</b>	<b>22,124</b>	<b>2.76</b>	<b>2.68</b>
<b>BAYSIDE UNIT 5 TOTAL</b>	<b>61</b>	<b>987</b>	<b>2.3</b>	<b>96.2</b>	<b>83.7</b>	<b>12,165</b>	<b>GAS</b>	<b>11,708</b>	<b>1,025,000</b>	<b>12,000.4</b>	<b>31,409</b>	<b>3.18</b>	<b>2.68</b>
<b>BAYSIDE UNIT 6 TOTAL</b>	<b>61</b>	<b>579</b>	<b>1.4</b>	<b>96.1</b>	<b>86.3</b>	<b>10,669</b>	<b>GAS</b>	<b>6,025</b>	<b>1,025,000</b>	<b>6,175.8</b>	<b>16,164</b>	<b>2.79</b>	<b>2.68</b>
<b>BAYSIDE STATION TOTAL</b>	<b>2,083</b>	<b>563,441</b>	<b>38.9</b>	<b>92.6</b>	<b>38.9</b>	<b>7,420</b>	<b>GAS</b>	<b>4,078,908</b>	<b>1,025,000</b>	<b>4,180,880.5</b>	<b>10,942,660</b>	<b>1.94</b>	<b>2.68</b>
<b>SYSTEM</b>	<b>5,645</b>	<b>1,405,248</b>	<b>35.8</b>	<b>86.5</b>	<b>38.4</b>	<b>7,340</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10,315,145.5</b>	<b>28,053,617</b>	<b>2.00</b>	<b>-</b>

LEGEND:  
B.B. = BIG BEND  
CT = COMBUSTION TURBINE

CC = COMBINED CYCLE  
ST = STEAM TURBINE

Footnotes:  
<sup>(1)</sup> As burned fuel cost system total includes ignition.  
<sup>(2)</sup> Fuel burned (MM BTU) system total excludes ignition.  
<sup>(3)</sup> Station Service

<sup>(4)</sup> Test burn  
<sup>(5)</sup> Consists of fixed costs and aerial survey adjustment.  
<sup>(6)</sup> Polk's portion of the aerial survey adjustment.

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY  
MONTH OF: March 2020

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET 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) <sup>(2)</sup>	AS BURNED FUEL COST (\$) <sup>(1)</sup>	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	262	22.0	-	52.7	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	3,689	25.6	-	53.9	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.4	187	18.0	-	37.4	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	14,145	27.1	-	57.2	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.4	14,250	25.8	-	54.7	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.5	14,906	26.9	-	57.2	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	61.1	11,320	24.9	-	55.6	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.4	9,992	24.3	-	50.7	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.5	6,233	22.4	-	46.3	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.5	6,666	18.1	-	50.2	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	74.8	6,316	-	-	-	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.5	16,661	30.1	-	66.4	-	SOLAR	-	-	-	-	-	-
<b>SOLAR TOTAL</b>	<b>594.4</b>	<b>104,627</b>	<b>23.7</b>	<b>-</b>	<b>49.0</b>	<b>-</b>	<b>SOLAR</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>BIG BEND #1 TOTAL</b>	<b>315</b>	<b>14,427</b>	<b>6.7</b>	<b>99.7</b>	<b>41.6</b>	<b>13,393</b>	<b>GAS</b>	<b>188,329</b>	<b>1,026,000</b>	<b>193,225.6</b>	<b>499,273</b>	<b>3.46</b>	<b>2.65</b>
<b>BIG BEND #2 TOTAL</b>	<b>350</b>	<b>53,041</b>	<b>20.3</b>	<b>100.0</b>	<b>37.4</b>	<b>12,710</b>	<b>GAS</b>	<b>657,075</b>	<b>1,026,000</b>	<b>674,159.4</b>	<b>1,741,951</b>	<b>3.28</b>	<b>2.65</b>
B.B.#3 (COAL)	400	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#3 (GAS)	355	136,445	51.6	88.2	58.6	-	GAS	1,524,951	1,026,000	1,564,602.1	4,042,754	2.96	2.65
<b>BIG BEND #3 TOTAL</b>	<b>355</b>	<b>136,445</b>	<b>51.6</b>	<b>88.2</b>	<b>58.6</b>	<b>11,467</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,564,602.1</b>	<b>4,042,754</b>	<b>2.96</b>	<b>-</b>
B.B.#4 (COAL)	(4) 442	0	0.0	0.0	0.0	-	COAL	(2,255)	0	(51,555.4)	1,258,618	0.00	(558.15)
B.B.#4 (GAS)	195	0	0.0	0.0	0.0	-	GAS	0	0	0.0	0	0.00	0.00
<b>BIG BEND #4 TOTAL</b>	<b>442</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(51,555.4)</b>	<b>1,258,618</b>	<b>0.00</b>	<b>-</b>
B.B. IGNITION	-	-	-	-	-	-	GAS	14,473	1,026,000	14,849.0	38,368	-	2.65
<b>BIG BEND CT #4 TOTAL</b>	<b>61</b>	<b>123</b>	<b>0.3</b>	<b>76.6</b>	<b>51.4</b>	<b>22,380</b>	<b>GAS</b>	<b>2,683</b>	<b>1,026,000</b>	<b>2,752.8</b>	<b>7,113</b>	<b>5.78</b>	<b>2.65</b>
<b>BIG BEND STATION TOTAL</b>	<b>1,523</b>	<b>204,036</b>	<b>16.9</b>	<b>71.7</b>	<b>25.3</b>	<b>11,933</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,383,184.6</b>	<b>7,588,077</b>	<b>3.72</b>	<b>-</b>
POLK #1 GASIFIER	(3) 157	(664)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)	177	74,207	63.1	89.3	70.7	11,822	GAS	855,041	1,026,000	877,272.1	2,121,712	2.07	2.48
POLK #1 ST	85	28,394	44.6	88.9	50.2	-	-	-	-	-	-	-	-
<b>POLK #1 TOTAL</b>	<b>245</b>	<b>101,937</b>	<b>56.6</b>	<b>89.2</b>	<b>63.4</b>	<b>8,606</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>877,272.1</b>	<b>2,121,712</b>	<b>2.08</b>	<b>-</b>
POLK #2 ST DUCT FIRING	120	17,450	19.6	-	89.7	8,400	GAS	142,865	1,026,000	146,579.1	354,507	2.03	2.48
POLK #2 ST W/O DUCT FIRING	360	239,795	89.6	-	-	-	-	-	-	-	-	-	-
<b>POLK #2 ST TOTAL</b>	<b>480</b>	<b>257,245</b>	<b>72.0</b>	<b>98.7</b>	<b>89.7</b>	<b>-</b>	<b>GAS</b>	<b>-</b>	<b>-</b>	<b>146,579.1</b>	<b>354,507</b>	<b>0.14</b>	<b>-</b>
POLK #2 CT (GAS)	180	96,687	72.2	100.0	79.0	11,151	GAS	1,050,877	1,026,000	1,078,199.9	2,607,661	2.70	2.48
POLK #2 CT (OIL)	187	0	0.0	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
<b>POLK #2 TOTAL</b>	<b>180</b>	<b>96,687</b>	<b>72.2</b>	<b>100.0</b>	<b>79.0</b>	<b>11,151</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,078,199.9</b>	<b>2,607,661</b>	<b>2.70</b>	<b>-</b>
POLK #3 CT (GAS)	180	102,583	76.6	100.0	80.9	10,850	GAS	1,084,862	1,026,000	1,113,068.7	2,691,993	2.62	2.48
POLK #3 CT (OIL)	187	0	0.0	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
<b>POLK #3 TOTAL</b>	<b>180</b>	<b>102,583</b>	<b>76.6</b>	<b>100.0</b>	<b>80.9</b>	<b>10,850</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,113,068.7</b>	<b>2,691,993</b>	<b>2.62</b>	<b>-</b>
<b>POLK #4 TOTAL</b>	<b>180</b>	<b>104,894</b>	<b>78.3</b>	<b>98.7</b>	<b>83.2</b>	<b>10,697</b>	<b>GAS</b>	<b>1,093,645</b>	<b>1,026,000</b>	<b>1,122,079.3</b>	<b>2,713,786</b>	<b>2.59</b>	<b>2.48</b>
<b>POLK #5 TOTAL</b>	<b>180</b>	<b>103,923</b>	<b>77.6</b>	<b>100.0</b>	<b>82.8</b>	<b>10,712</b>	<b>GAS</b>	<b>1,084,992</b>	<b>1,026,000</b>	<b>1,113,202.0</b>	<b>2,692,314</b>	<b>2.59</b>	<b>2.48</b>
<b>POLK #2 CC TOTAL</b>	<b>1,200</b>	<b>665,332</b>	<b>74.5</b>	<b>99.3</b>	<b>75.5</b>	<b>6,873</b>	<b>GAS</b>	<b>-</b>	<b>-</b>	<b>4,573,128.9</b>	<b>11,060,261</b>	<b>1.66</b>	<b>-</b>
<b>POLK STATION TOTAL</b>	<b>1,445</b>	<b>767,269</b>	<b>54.9</b>	<b>96.1</b>	<b>54.9</b>	<b>7,104</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,450,401.0</b>	<b>13,181,973</b>	<b>1.72</b>	<b>-</b>

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SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY  
MONTH OF: March 2020

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET 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) <sup>(2)</sup>	AS BURNED FUEL COST (\$) <sup>(1)</sup>	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	243	49,480	27.4	50.3	58.2	-		-	-	-	-	-	-
BAYSIDE CT1A	183	24,396	17.9	44.8	68.6	11,569	GAS	275,077	1,026,000	282,228.5	729,247	2.99	2.65
BAYSIDE CT1B	183	32,334	23.7	48.1	68.2	11,587	GAS	365,161	1,026,000	374,655.6	968,066	2.99	2.65
BAYSIDE CT1C	183	34,565	25.4	48.1	66.5	11,393	GAS	383,830	1,026,000	393,809.4	1,017,559	2.94	2.65
<b>BAYSIDE UNIT 1 TOTAL</b>	<b>792</b>	<b>140,774</b>	<b>23.9</b>	<b>48.0</b>	<b>50.8</b>	<b>7,464</b>	<b>GAS</b>	<b>1,024,068</b>	<b>1,026,000</b>	<b>1,050,693.5</b>	<b>2,714,872</b>	<b>1.93</b>	<b>2.65</b>
BAYSIDE ST 2	315	141,605	60.4	99.9	60.4	-		-	-	-	-	-	-
BAYSIDE CT2A	183	81,472	59.9	100.0	68.1	11,315	GAS	898,469	1,026,000	921,829.5	2,381,901	2.92	2.65
BAYSIDE CT2B	183	65,812	48.3	99.5	68.6	11,533	GAS	739,747	1,026,000	758,980.6	1,961,119	2.98	2.65
BAYSIDE CT2C	183	60,650	44.5	100.0	69.0	11,551	GAS	682,799	1,026,000	700,551.4	1,810,146	2.98	2.65
BAYSIDE CT2D	183	57,308	42.1	100.0	69.4	11,466	GAS	640,437	1,026,000	657,087.9	1,697,841	2.96	2.65
<b>BAYSIDE UNIT 2 TOTAL</b>	<b>1,047</b>	<b>406,847</b>	<b>52.2</b>	<b>99.9</b>	<b>52.2</b>	<b>7,468</b>	<b>GAS</b>	<b>2,961,452</b>	<b>1,026,000</b>	<b>3,038,449.4</b>	<b>7,851,007</b>	<b>1.93</b>	<b>2.65</b>
<b>BAYSIDE UNIT 3 TOTAL</b>	<b>61</b>	<b>185</b>	<b>0.4</b>	<b>100.0</b>	<b>84.3</b>	<b>11,045</b>	<b>GAS</b>	<b>1,993</b>	<b>1,026,000</b>	<b>2,044.6</b>	<b>5,283</b>	<b>2.86</b>	<b>2.65</b>
<b>BAYSIDE UNIT 4 TOTAL</b>	<b>61</b>	<b>538</b>	<b>1.2</b>	<b>100.0</b>	<b>89.3</b>	<b>10,791</b>	<b>GAS</b>	<b>5,661</b>	<b>1,026,000</b>	<b>5,807.4</b>	<b>15,006</b>	<b>2.79</b>	<b>2.65</b>
<b>BAYSIDE UNIT 5 TOTAL</b>	<b>61</b>	<b>583</b>	<b>1.3</b>	<b>100.0</b>	<b>81.5</b>	<b>11,085</b>	<b>GAS</b>	<b>6,299</b>	<b>1,026,000</b>	<b>6,462.8</b>	<b>16,699</b>	<b>2.86</b>	<b>2.65</b>
<b>BAYSIDE UNIT 6 TOTAL</b>	<b>61</b>	<b>236</b>	<b>0.5</b>	<b>100.0</b>	<b>83.1</b>	<b>10,887</b>	<b>GAS</b>	<b>2,501</b>	<b>1,026,000</b>	<b>2,565.9</b>	<b>6,630</b>	<b>2.81</b>	<b>2.65</b>
<b>BAYSIDE STATION TOTAL</b>	<b>2,083</b>	<b>549,163</b>	<b>37.0</b>	<b>70.2</b>	<b>37.0</b>	<b>7,477</b>	<b>GAS</b>	<b>4,001,974</b>	<b>1,026,000</b>	<b>4,106,023.5</b>	<b>10,609,497</b>	<b>1.93</b>	<b>2.65</b>
<b>SYSTEM</b>	<b>5,645</b>	<b>1,625,095</b>	<b>38.7</b>	<b>78.0</b>	<b>45.3</b>	<b>7,379</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>11,939,609.1</b>	<b>31,379,547</b>	<b>1.93</b>	<b>-</b>

LEGEND:

B.B. = BIG BEND  
CT = COMBUSTION TURBINE

CC = COMBINED CYCLE  
ST = STEAM TURBINE

Footnotes:

<sup>(1)</sup> As burned fuel cost system total includes ignition.  
<sup>(2)</sup> Fuel burned (MM BTU) system total excludes ignition.  
<sup>(3)</sup> Station Service

<sup>(4)</sup> Consists of fixed costs and aerial survey adjustment and prior month adjustments, details on Schedule A5, page 2.

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY  
MONTH OF: April 2020

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET 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) <sup>(2)</sup>	AS BURNED FUEL COST (\$) <sup>(1)</sup>	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	274	23.8	-	47.6	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	3,459	24.8	-	41.8	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.4	172	17.1	-	30.7	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	11,993	23.7	-	46.1	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.4	12,550	23.4	-	44.5	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.5	12,236	22.8	-	43.6	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	61.1	9,589	21.8	-	41.5	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.4	8,777	22.0	-	41.2	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.5	6,058	22.4	-	39.6	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.5	7,746	21.7	-	41.3	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	74.8	13,460	-	-	-	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.5	14,129	26.3	-	47.9	-	SOLAR	-	-	-	-	-	-
<b>SOLAR TOTAL</b>	<b>594.4</b>	<b>100,443</b>	<b>23.5</b>	<b>-</b>	<b>39.6</b>	<b>-</b>	<b>SOLAR</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>BIG BEND #1 TOTAL</b>	<sup>(3),(5)</sup> <b>305</b>	<b>(5,998)</b>	<b>(0.0)</b>	<b>95.1</b>	<b>0.0</b>	<b>0</b>	<b>GAS</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>(14,505)</b>	<b>0.24</b>	<b>0.00</b>
<b>BIG BEND #2 TOTAL</b>	<sup>(5)</sup> <b>340</b>	<b>0</b>	<b>0.0</b>	<b>100.0</b>	<b>0.0</b>	<b>0</b>	<b>GAS</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>(50,606)</b>	<b>0.00</b>	<b>0.00</b>
B.B.#3 (COAL)	395	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#3 (GAS)	<sup>(3),(5)</sup> 345	(2,719)	0.1	100.0	19.1	-	GAS	681	1,027,000	699.7	(115,632)	4.25	(169.80)
<b>BIG BEND #3 TOTAL</b>	<b>345</b>	<b>(2,719)</b>	<b>0.1</b>	<b>100.0</b>	<b>19.1</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>699.7</b>	<b>(115,632)</b>	<b>4.25</b>	<b>-</b>
B.B.#4 (COAL)	<sup>(3),(4)</sup> 437	(1,345)	0.0	0.0	0.0	-	COAL	0	0	0.0	355,640	(26.44)	0.00
B.B.#4 (GAS)	185	0	0.0	0.0	0.0	-	GAS	0	0	0.0	0	0.00	0.00
<b>BIG BEND #4 TOTAL</b>	<b>437</b>	<b>(1,345)</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.0</b>	<b>355,640</b>	<b>(26.44)</b>	<b>-</b>
B.B. IGNITION	<sup>(5)</sup> -	-	-	-	-	-	GAS	647	1,027,000	664.0	609	-	0.94
<b>BIG BEND CT #4 TOTAL</b>	<sup>(5)</sup> <b>56</b>	<b>655</b>	<b>1.6</b>	<b>100.0</b>	<b>85.6</b>	<b>14,679</b>	<b>GAS</b>	<b>9,362</b>	<b>1,027,000</b>	<b>9,614.5</b>	<b>24,752</b>	<b>3.78</b>	<b>2.64</b>
<b>BIG BEND STATION TOTAL</b>	<b>1,483</b>	<b>(9,407)</b>	<b>0.1</b>	<b>74.0</b>	<b>4.3</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10,314.2</b>	<b>200,258</b>	<b>(2.13)</b>	<b>-</b>
POLK #1 GASIFIER	<sup>(3)</sup> 220	(398)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)	<sup>(5)</sup> 150	45,317	41.7	63.0	68.4	12,250	GAS	540,533	1,027,000	555,127.0	1,520,199	2.41	2.81
POLK #1 ST	85	17,857	29.0	64.7	48.2	-	-	-	-	-	-	-	-
<b>POLK #1 TOTAL</b>	<b>235</b>	<b>62,776</b>	<b>37.1</b>	<b>63.6</b>	<b>60.9</b>	<b>8,843</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>555,127.0</b>	<b>1,520,199</b>	<b>2.42</b>	<b>-</b>
POLK #2 ST DUCT FIRING	<sup>(5)</sup> 120	8,412	9.7	-	81.0	8,400	GAS	68,800	1,027,000	70,658.0	196,647	2.34	2.86
POLK #2 ST W/O DUCT FIRING	341	211,603	86.2	-	-	-	-	-	-	-	-	-	-
<b>POLK #2 ST TOTAL</b>	<b>461</b>	<b>220,015</b>	<b>66.3</b>	<b>93.0</b>	<b>81.0</b>	<b>-</b>	<b>GAS</b>	<b>-</b>	<b>-</b>	<b>70,658.0</b>	<b>196,647</b>	<b>0.09</b>	<b>-</b>
POLK #2 CT (GAS)	<sup>(5)</sup> 150	90,385	83.7	99.2	92.9	11,255	GAS	990,550	1,027,000	1,017,295.0	2,738,034	3.03	2.76
POLK #2 CT (OIL)	159	0	0.0	99.2	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
<b>POLK #2 TOTAL</b>	<b>150</b>	<b>90,385</b>	<b>83.7</b>	<b>99.2</b>	<b>92.9</b>	<b>11,255</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,017,295.0</b>	<b>2,738,034</b>	<b>3.03</b>	<b>-</b>
POLK #3 CT (GAS)	<sup>(5)</sup> 150	90,166	83.5	95.1	96.2	10,957	GAS	961,981	1,027,000	987,955.0	2,665,021	2.96	2.77
POLK #3 CT (OIL)	159	0	0.0	95.1	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
<b>POLK #3 TOTAL</b>	<b>150</b>	<b>90,166</b>	<b>83.5</b>	<b>95.1</b>	<b>96.2</b>	<b>10,957</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>987,955.0</b>	<b>2,665,021</b>	<b>2.96</b>	<b>-</b>
<b>POLK #4 TOTAL</b>	<sup>(5)</sup> <b>150</b>	<b>82,315</b>	<b>76.2</b>	<b>99.9</b>	<b>99.0</b>	<b>10,753</b>	<b>GAS</b>	<b>861,859</b>	<b>1,027,000</b>	<b>885,129.0</b>	<b>2,398,918</b>	<b>2.91</b>	<b>2.78</b>
<b>POLK #5 TOTAL</b>	<sup>(5)</sup> <b>150</b>	<b>98,932</b>	<b>91.6</b>	<b>100.0</b>	<b>97.8</b>	<b>10,813</b>	<b>GAS</b>	<b>1,041,660</b>	<b>1,027,000</b>	<b>1,069,785.0</b>	<b>2,877,448</b>	<b>2.91</b>	<b>2.76</b>
<b>POLK #2 CC TOTAL</b>	<b>1,061</b>	<b>581,813</b>	<b>76.2</b>	<b>96.1</b>	<b>76.2</b>	<b>6,928</b>	<b>GAS</b>	<b>-</b>	<b>-</b>	<b>4,030,822.0</b>	<b>10,876,068</b>	<b>1.87</b>	<b>-</b>
<b>POLK STATION TOTAL</b>	<b>1,296</b>	<b>644,589</b>	<b>69.1</b>	<b>90.2</b>	<b>69.1</b>	<b>7,115</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,585,949.0</b>	<b>12,396,267</b>	<b>1.92</b>	<b>-</b>



SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY  
MONTH OF: April 2020

SCHEDULE A4  
PAGE 2 OF 2  
REVISED 6/19/20

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET 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) <sup>(2)</sup>	AS BURNED FUEL COST (\$) <sup>(1)</sup>	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	233	97,360	58.0	99.6	58.2	-		-	-	-	-	-	-
BAYSIDE CT1A	156	49,761	44.3	100.0	78.7	11,497	GAS	557,085	1,027,000	572,126.7	1,462,843	2.94	2.63
BAYSIDE CT1B	156	69,772	62.1	100.0	77.4	11,556	GAS	785,114	1,027,000	806,312.4	2,061,622	2.95	2.63
BAYSIDE CT1C	156	57,536	51.2	100.0	78.0	11,248	GAS	630,163	1,027,000	647,177.0	1,654,738	2.88	2.63
<b>BAYSIDE UNIT 1 TOTAL</b> <sup>(5)</sup>	<b>701</b>	<b>274,428</b>	<b>54.4</b>	<b>99.9</b>	<b>54.6</b>	<b>7,381</b>	<b>GAS</b>	<b>1,972,362</b>	<b>1,027,000</b>	<b>2,025,616.1</b>	<b>5,179,203</b>	<b>1.89</b>	<b>2.63</b>
BAYSIDE ST 2	305	148,198	67.5	98.5	67.5	-		-	-	-	-	-	-
BAYSIDE CT2A	156	82,645	73.6	100.0	78.9	11,199	GAS	901,220	1,027,000	925,552.6	2,333,464	2.82	2.59
BAYSIDE CT2B	156	62,301	55.5	100.0	79.1	11,398	GAS	691,464	1,027,000	710,133.6	1,790,358	2.87	2.59
BAYSIDE CT2C	156	63,241	56.3	100.0	79.2	11,463	GAS	705,865	1,027,000	724,923.6	1,827,645	2.89	2.59
BAYSIDE CT2D	156	60,901	54.2	94.0	79.1	11,419	GAS	677,152	1,027,000	695,435.0	1,753,301	2.88	2.59
<b>BAYSIDE UNIT 2 TOTAL</b> <sup>(5)</sup>	<b>929</b>	<b>417,286</b>	<b>62.4</b>	<b>98.5</b>	<b>62.4</b>	<b>7,324</b>	<b>GAS</b>	<b>2,975,701</b>	<b>1,027,000</b>	<b>3,056,044.8</b>	<b>7,704,768</b>	<b>1.85</b>	<b>2.59</b>
<b>BAYSIDE UNIT 3 TOTAL</b> <sup>(5)</sup>	<b>56</b>	<b>51</b>	<b>0.1</b>	<b>100.0</b>	<b>73.5</b>	<b>13,145</b>	<b>GAS</b>	<b>647</b>	<b>1,027,000</b>	<b>664.8</b>	<b>1,572</b>	<b>3.08</b>	<b>2.43</b>
<b>BAYSIDE UNIT 4 TOTAL</b> <sup>(5)</sup>	<b>56</b>	<b>178</b>	<b>0.4</b>	<b>100.0</b>	<b>79.4</b>	<b>12,809</b>	<b>GAS</b>	<b>2,219</b>	<b>1,027,000</b>	<b>2,277.7</b>	<b>5,476</b>	<b>3.08</b>	<b>2.47</b>
<b>BAYSIDE UNIT 5 TOTAL</b> <sup>(5)</sup>	<b>56</b>	<b>109</b>	<b>0.3</b>	<b>100.0</b>	<b>70.5</b>	<b>13,411</b>	<b>GAS</b>	<b>1,427</b>	<b>1,027,000</b>	<b>1,465.9</b>	<b>3,320</b>	<b>3.05</b>	<b>2.33</b>
<b>BAYSIDE UNIT 6 TOTAL</b> <sup>(5)</sup>	<b>56</b>	<b>47</b>	<b>0.1</b>	<b>100.0</b>	<b>68.7</b>	<b>13,249</b>	<b>GAS</b>	<b>610</b>	<b>1,027,000</b>	<b>626.8</b>	<b>1,434</b>	<b>3.05</b>	<b>2.35</b>
<b>BAYSIDE STATION TOTAL</b>	<b>1,854</b>	<b>692,099</b>	<b>51.8</b>	<b>99.2</b>	<b>51.8</b>	<b>7,350</b>	<b>GAS</b>	<b>4,952,966</b>	<b>1,027,000</b>	<b>5,086,696.0</b>	<b>12,895,773</b>	<b>1.86</b>	<b>2.60</b>
<b>SYSTEM</b>	<b>5,227</b>	<b>1,427,724</b>	<b>37.9</b>	<b>88.6</b>	<b>56.2</b>	<b>6,782</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>9,682,959.2</b>	<b>25,492,298</b>	<b>1.79</b>	<b>-</b>

LEGEND:

B.B. = BIG BEND  
CT = COMBUSTION TURBINE

CC = COMBINED CYCLE  
ST = STEAM TURBINE

Footnotes:

<sup>(1)</sup> As burned fuel cost system total includes ignition  
<sup>(2)</sup> Fuel burned (MM BTU) system total excludes ignition  
<sup>(3)</sup> Station Service

<sup>(4)</sup> Consists of fixed costs

<sup>(5)</sup> Includes natural gas adjustment to March 2020, details on Schedule A5 page 2

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY  
MONTH OF: May 2020

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET 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) <sup>(2)</sup>	AS BURNED FUEL COST (\$) <sup>(1)</sup>	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)	
TIA SOLAR	1.6	337	23.8	-	58.5	-	SOLAR	-	-	-	-	-	-	
BIG BEND SOLAR	19.4	4,538	28.3	-	54.8	-	SOLAR	-	-	-	-	-	-	
LEGOLAND SOLAR	1.4	218	31.4	-	38.9	-	SOLAR	-	-	-	-	-	-	
PAYNE CREEK SOLAR	70.3	15,737	20.9	-	60.5	-	SOLAR	-	-	-	-	-	-	
BALM SOLAR	74.4	17,307	30.1	-	61.4	-	SOLAR	-	-	-	-	-	-	
LITHIA SOLAR	74.5	16,838	31.3	-	60.0	-	SOLAR	-	-	-	-	-	-	
GRANGE HALL SOLAR	61.1	13,409	30.4	-	58.1	-	SOLAR	-	-	-	-	-	-	
PEACE CREEK SOLAR	55.4	12,148	29.5	-	57.0	-	SOLAR	-	-	-	-	-	-	
BONNIE MINE SOLAR	37.5	7,617	29.5	-	49.8	-	SOLAR	-	-	-	-	-	-	
LAKE HANCOCK SOLAR	49.5	10,052	27.3	-	53.6	-	SOLAR	-	-	-	-	-	-	
WIMAUMA SOLAR	74.8	17,898	-	-	-	-	SOLAR	-	-	-	-	-	-	
LITTLE MANATEE RIVER SOLAR	74.5	18,581	32.2	-	63.0	-	SOLAR	-	-	-	-	-	-	
<b>SOLAR TOTAL</b>	<b>594.4</b>	<b>134,680</b>	<b>30.5</b>	<b>-</b>	<b>53.1</b>	<b>-</b>	<b>SOLAR</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
<b>BIG BEND #1 TOTAL</b>	<b>(3)</b>	<b>305</b>	<b>(4,652)</b>	<b>0.0</b>	<b>95.5</b>	<b>0.0</b>	<b>GAS</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>	
<b>BIG BEND #2 TOTAL</b>		<b>340</b>	<b>15,092</b>	<b>6.0</b>	<b>97.0</b>	<b>52.9</b>	<b>11,898</b>	<b>GAS</b>	<b>175,356</b>	<b>1,024,000</b>	<b>179,566.8</b>	<b>506,378</b>	<b>3.36</b>	<b>2.89</b>
B.B.#3 (COAL)		395	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#3 (GAS)	(3)	345	(4,714)	0.0	61.2	0.0	-	GAS	0	0	0.0	0	0.00	0.00
<b>BIG BEND #3 TOTAL</b>		<b>345</b>	<b>(4,714)</b>	<b>0.0</b>	<b>61.2</b>	<b>0.0</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.0</b>	<b>0</b>	<b>0.00</b>	<b>-</b>
B.B.#4 (COAL)	(3),(4)	437	(28)	0.0	0.2	0.0	-	COAL	0	0	0.0	354,196	(1,264.99)	0.00
B.B.#4 (GAS)	(3)	185	(2,217)	0.0	0.2	0.0	-	GAS	1	1,024,000	1.1	3	(0.00)	3.00
<b>BIG BEND #4 TOTAL</b>		<b>437</b>	<b>(2,245)</b>	<b>0.0</b>	<b>0.2</b>	<b>0.0</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>1.1</b>	<b>354,199</b>	<b>(15.78)</b>	<b>-</b>	
B.B. IGNITION		-	-	-	-	-	-	GAS	20,809	1,024,000	21,307.9	60,088	-	2.89
<b>BIG BEND CT #4 TOTAL</b>		<b>56</b>	<b>712</b>	<b>1.7</b>	<b>100.0</b>	<b>84.8</b>	<b>14,796</b>	<b>GAS</b>	<b>10,288</b>	<b>1,024,000</b>	<b>10,534.4</b>	<b>29,706</b>	<b>4.17</b>	<b>2.89</b>
<b>BIG BEND STATION TOTAL</b>	(5)	<b>1,483</b>	<b>4,193</b>	<b>0.4</b>	<b>63.8</b>	<b>3.6</b>	<b>45,338</b>	<b>-</b>	<b>-</b>	<b>190,102.2</b>	<b>950,371</b>	<b>22.67</b>	<b>-</b>	
POLK #1 GASIFIER	(3)	220	(486)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)		150	25,181	22.2	27.9	79.7	11,838	GAS	291,102	1,024,000	298,088.0	840,608	2.46	2.89
POLK #1 ST		85	8,991	14.0	27.4	51.2	-	-	-	-	-	-	-	-
<b>POLK #1 TOTAL</b>		<b>235</b>	<b>33,685</b>	<b>19.3</b>	<b>27.7</b>	<b>69.0</b>	<b>8,849</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>298,088.0</b>	<b>840,608</b>	<b>2.50</b>	<b>-</b>
POLK #2 ST DUCT FIRING		120	10,082	11.3	-	79.3	8,400	GAS	82,702	1,024,000	84,687.0	238,817	2.37	2.89
POLK #2 ST W/O DUCT FIRING		341	201,258	79.3	-	-	-	-	-	-	-	-	-	-
<b>POLK #2 ST TOTAL</b>		<b>461</b>	<b>211,339</b>	<b>61.6</b>	<b>91.0</b>	<b>79.3</b>	<b>-</b>	<b>GAS</b>	<b>-</b>	<b>-</b>	<b>84,687.0</b>	<b>238,817</b>	<b>0.11</b>	<b>-</b>
POLK #2 CT (GAS)		150	73,435	65.8	82.2	92.9	11,321	GAS	811,908	1,024,000	831,394.0	2,344,531	3.19	2.89
POLK #2 CT (OIL)		159	2	0.0	82.2	9.9	12,571	LG.T.OIL	3	5,829,600	19.8	383	19.15	127.67
<b>POLK #2 TOTAL</b>		<b>150</b>	<b>73,437</b>	<b>65.8</b>	<b>82.2</b>	<b>92.9</b>	<b>11,322</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>831,413.8</b>	<b>2,344,914</b>	<b>3.19</b>	<b>-</b>
POLK #3 CT (GAS)		150	82,283	73.9	84.4	95.2	11,013	GAS	884,907	1,024,000	906,145.0	2,555,328	3.11	2.89
POLK #3 CT (OIL)		159	203	0.2	84.4	60.7	12,571	LG.T.OIL	437	5,829,600	2,547.1	55,749	27.46	127.57
<b>POLK #3 TOTAL</b>		<b>150</b>	<b>82,486</b>	<b>73.9</b>	<b>84.4</b>	<b>95.2</b>	<b>11,016</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>908,692.1</b>	<b>2,611,077</b>	<b>3.17</b>	<b>-</b>
<b>POLK #4 TOTAL</b>		<b>150</b>	<b>96,175</b>	<b>86.2</b>	<b>100.0</b>	<b>97.9</b>	<b>10,835</b>	<b>GAS</b>	<b>1,017,643</b>	<b>1,024,000</b>	<b>1,042,066.0</b>	<b>2,938,628</b>	<b>3.06</b>	<b>2.89</b>
<b>POLK #5 TOTAL</b>		<b>150</b>	<b>96,160</b>	<b>86.2</b>	<b>100.0</b>	<b>97.9</b>	<b>10,867</b>	<b>GAS</b>	<b>1,020,444</b>	<b>1,024,000</b>	<b>1,044,935.0</b>	<b>2,946,716</b>	<b>3.06</b>	<b>2.89</b>
<b>POLK #2 CC TOTAL</b>		<b>1,061</b>	<b>559,597</b>	<b>70.9</b>	<b>91.4</b>	<b>70.9</b>	<b>6,990</b>	<b>GAS</b>	<b>-</b>	<b>-</b>	<b>3,911,793.8</b>	<b>11,080,152</b>	<b>1.98</b>	<b>-</b>
<b>POLK STATION TOTAL</b>		<b>1,296</b>	<b>593,282</b>	<b>61.5</b>	<b>79.8</b>	<b>61.5</b>	<b>7,096</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,209,881.8</b>	<b>11,920,760</b>	<b>2.01</b>	<b>-</b>

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SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY  
MONTH OF: May 2020

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET 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) <sup>(2)</sup>	AS BURNED FUEL COST (\$) <sup>(1)</sup>	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	233	119,451	68.9	97.3	68.9	-		-	-	-	-	-	-
BAYSIDE CT1A	156	67,878	58.5	93.2	81.1	11,424	GAS	757,243	1,024,000	775,417.2	2,186,675	3.22	2.89
BAYSIDE CT1B	156	77,253	66.6	100.0	80.3	11,453	GAS	864,058	1,024,000	884,795.2	2,495,122	3.23	2.89
BAYSIDE CT1C	156	75,077	64.7	98.7	80.2	11,183	GAS	819,899	1,024,000	839,576.3	2,367,605	3.15	2.89
<b>BAYSIDE UNIT 1 TOTAL</b>	<b>701</b>	<b>339,659</b>	<b>65.1</b>	<b>97.3</b>	<b>65.1</b>	<b>7,360</b>	<b>GAS</b>	<b>2,441,200</b>	<b>1,024,000</b>	<b>2,499,788.8</b>	<b>7,049,402</b>	<b>2.08</b>	<b>2.89</b>
BAYSIDE ST 2	305	127,587	56.2	83.3	56.2	-		-	-	-	-	-	-
BAYSIDE CT2A	156	86,540	74.6	100.0	81.1	11,148	GAS	942,140	1,024,000	964,751.9	2,720,599	3.14	2.89
BAYSIDE CT2B	156	61,071	52.6	100.0	81.2	11,278	GAS	672,640	1,024,000	688,783.1	1,942,369	3.18	2.89
BAYSIDE CT2C	156	33,772	29.1	46.1	79.0	11,536	GAS	380,447	1,024,000	389,578.2	1,098,609	3.25	2.89
BAYSIDE CT2D	156	57,328	49.4	89.8	81.8	11,456	GAS	641,343	1,024,000	656,735.0	1,851,993	3.23	2.89
<b>BAYSIDE UNIT 2 TOTAL</b>	<b>929</b>	<b>366,298</b>	<b>53.0</b>	<b>83.8</b>	<b>53.0</b>	<b>7,371</b>	<b>GAS</b>	<b>2,636,570</b>	<b>1,024,000</b>	<b>2,699,848.1</b>	<b>7,613,570</b>	<b>2.08</b>	<b>2.89</b>
<b>BAYSIDE UNIT 3 TOTAL</b>	<b>56</b>	<b>1,190</b>	<b>2.9</b>	<b>100.0</b>	<b>91.5</b>	<b>10,759</b>	<b>GAS</b>	<b>12,503</b>	<b>1,024,000</b>	<b>12,802.9</b>	<b>36,104</b>	<b>3.03</b>	<b>2.89</b>
<b>BAYSIDE UNIT 4 TOTAL</b>	<b>56</b>	<b>1,815</b>	<b>4.4</b>	<b>100.0</b>	<b>96.8</b>	<b>10,534</b>	<b>GAS</b>	<b>18,673</b>	<b>1,024,000</b>	<b>19,119.8</b>	<b>53,918</b>	<b>2.97</b>	<b>2.89</b>
<b>BAYSIDE UNIT 5 TOTAL</b>	<b>56</b>	<b>1,873</b>	<b>4.5</b>	<b>96.2</b>	<b>89.1</b>	<b>10,840</b>	<b>GAS</b>	<b>19,828</b>	<b>1,024,000</b>	<b>20,303.7</b>	<b>57,256</b>	<b>3.06</b>	<b>2.89</b>
<b>BAYSIDE UNIT 6 TOTAL</b>	<b>56</b>	<b>887</b>	<b>2.1</b>	<b>100.0</b>	<b>92.6</b>	<b>10,612</b>	<b>GAS</b>	<b>9,192</b>	<b>1,024,000</b>	<b>9,412.7</b>	<b>26,544</b>	<b>2.99</b>	<b>2.89</b>
<b>BAYSIDE STATION TOTAL</b>	<b>1,854</b>	<b>711,722</b>	<b>51.6</b>	<b>90.7</b>	<b>51.6</b>	<b>7,392</b>	<b>GAS</b>	<b>5,137,966</b>	<b>1,024,000</b>	<b>5,261,276.0</b>	<b>14,836,794</b>	<b>2.08</b>	<b>2.89</b>
<b>SYSTEM</b>	<b>5,227</b>	<b>1,443,877</b>	<b>37.1</b>	<b>79.0</b>	<b>53.0</b>	<b>6,691</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>9,661,260.1</b>	<b>27,707,925</b>	<b>1.92</b>	<b>-</b>

LEGEND:  
B.B. = BIG BEND  
CT = COMBUSTION TURBINE

Footnotes:  
CC = COMBINED CYCLE  
ST = STEAM TURBINE  
<sup>(1)</sup> As burned fuel cost system total includes ignition  
<sup>(2)</sup> Fuel burned (MM BTU) system total excludes ignition  
<sup>(3)</sup> Station Service

<sup>(4)</sup> Consists of fixed costs  
<sup>(5)</sup> Big Bend Station Total net heat rate includes BB units 1, 3, and 4, all station service, causing the high heat rate. Excluding those units would produce a heat rate of 12,029.

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SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY  
MONTH OF: June 2020

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET 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) <sup>(2)</sup>	AS BURNED FUEL COST (\$) <sup>(1)</sup>	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	238	20.7	-	43.6	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	3,834	27.4	-	50.2	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.4	190	18.8	-	33.9	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	13,513	26.7	-	50.5	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.4	14,952	27.9	-	52.9	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.5	13,692	25.5	-	51.2	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	61.1	11,758	26.7	-	50.8	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.4	9,825	24.6	-	46.2	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.5	6,402	23.7	-	41.9	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.5	8,466	23.8	-	44.5	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	74.8	15,246	-	-	-	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.5	16,368	30.5	-	55.9	-	SOLAR	-	-	-	-	-	-
<b>SOLAR TOTAL</b>	<b>594.4</b>	<b>114,484</b>	<b>26.8</b>	<b>-</b>	<b>47.3</b>	<b>-</b>	<b>SOLAR</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>BIG BEND #1 TOTAL</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>GAS</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>
<b>BIG BEND #2 TOTAL</b>	<b>340</b>	<b>18,448</b>	<b>7.5</b>	<b>52.6</b>	<b>42.4</b>	<b>13,146</b>	<b>GAS</b>	<b>237,536</b>	<b>1,021,000</b>	<b>242,524.7</b>	<b>601,960</b>	<b>3.26</b>	<b>2.53</b>
B.B.#3 (COAL)	395	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#3 (GAS)	345	85,306	34.3	31.6	51.5	-	GAS	1,052,018	1,021,000	1,074,110.3	2,666,003	3.13	2.53
<b>BIG BEND #3 TOTAL</b>	<b>345</b>	<b>85,306</b>	<b>34.3</b>	<b>31.6</b>	<b>51.5</b>	<b>12,591</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,074,110.3</b>	<b>2,666,003</b>	<b>3.13</b>	<b>-</b>
B.B.#4 (COAL)	437	78,044	24.8	100.0	51.5	-	COAL	41,559	22,436,013	932,418.3	2,645,478	3.39	63.66
B.B.#4 (GAS)	185	28,634	21.5	100.0	66.1	-	GAS	340,893	1,021,000	348,052.0	863,884	3.02	2.53
<b>BIG BEND #4 TOTAL</b>	<b>437</b>	<b>106,678</b>	<b>33.9</b>	<b>31.6</b>	<b>42.0</b>	<b>12,003</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,280,470.3</b>	<b>3,509,362</b>	<b>3.29</b>	<b>-</b>
B.B. IGNITION	-	-	-	-	-	-	GAS	31,613	1,021,000	32,276.9	80,113	-	2.53
<b>BIG BEND CT #4 TOTAL</b>	<b>56</b>	<b>495</b>	<b>1.2</b>	<b>89.3</b>	<b>83.0</b>	<b>15,221</b>	<b>GAS</b>	<b>7,379</b>	<b>1,021,000</b>	<b>7,534.2</b>	<b>18,700</b>	<b>3.78</b>	<b>2.53</b>
<b>BIG BEND STATION TOTAL</b>	<b>1,178</b>	<b>210,927</b>	<b>24.9</b>	<b>46.8</b>	<b>30.8</b>	<b>12,349</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,604,639.4</b>	<b>6,876,138</b>	<b>3.26</b>	<b>-</b>
POLK #1 GASIFIER	220	0	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)	162	96,483	82.6	96.0	82.9	11,076	GAS	1,046,690	1,021,000	1,068,670.0	2,652,500	2.03	2.53
POLK #1 ST	48	34,038	98.4	99.8	98.7	-	-	-	-	-	-	-	-
<b>POLK #1 TOTAL</b>	<b>210</b>	<b>130,521</b>	<b>86.2</b>	<b>91.7</b>	<b>86.4</b>	<b>8,188</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,068,670.0</b>	<b>2,652,500</b>	<b>2.03</b>	<b>-</b>
POLK #2 ST DUCT FIRING	120	5,707	6.6	-	77.8	8,400	GAS	46,950	1,021,000	47,936.0	118,980	2.08	2.53
POLK #2 ST W/O DUCT FIRING	341	183,200	74.6	-	-	-	-	-	-	-	-	-	-
<b>POLK #2 ST TOTAL</b>	<b>461</b>	<b>188,907</b>	<b>56.9</b>	<b>96.4</b>	<b>77.8</b>	<b>-</b>	<b>GAS</b>	<b>-</b>	<b>-</b>	<b>47,936.0</b>	<b>118,980</b>	<b>0.06</b>	<b>-</b>
POLK #2 CT (GAS)	150	72,738	56.8	61.7	91.6	11,223	GAS	799,580	1,021,000	816,371.0	2,026,279	2.79	2.53
POLK #2 CT (OIL)	(3) 159	153	0.1	61.7	37.0	17,615	LG.T.OIL	463	5,829,600	2,696.0	68,108	44.52	147.10
<b>POLK #2 TOTAL</b>	<b>150</b>	<b>72,891</b>	<b>56.9</b>	<b>61.7</b>	<b>91.6</b>	<b>11,237</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>819,067.0</b>	<b>2,094,387</b>	<b>2.87</b>	<b>-</b>
POLK #3 CT (GAS)	150	82,050	76.7	99.8	96.1	11,057	GAS	888,567	1,021,000	907,227.0	2,251,789	2.74	2.53
POLK #3 CT (OIL)	(3) 159	98	0.1	99.8	32.4	17,615	LG.T.OIL	296	5,829,600	1,726.2	43,542	44.43	147.10
<b>POLK #3 TOTAL</b>	<b>150</b>	<b>82,148</b>	<b>76.7</b>	<b>99.8</b>	<b>96.1</b>	<b>11,065</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>908,953.2</b>	<b>2,295,331</b>	<b>2.79</b>	<b>-</b>
<b>POLK #4 TOTAL</b>	<b>150</b>	<b>82,829</b>	<b>81.4</b>	<b>99.9</b>	<b>94.6</b>	<b>10,786</b>	<b>GAS</b>	<b>874,998</b>	<b>1,021,000</b>	<b>893,373.0</b>	<b>2,217,403</b>	<b>2.68</b>	<b>2.53</b>
<b>POLK #5 TOTAL</b>	<b>150</b>	<b>87,909</b>	<b>86.2</b>	<b>100.0</b>	<b>97.9</b>	<b>10,898</b>	<b>GAS</b>	<b>938,321</b>	<b>1,021,000</b>	<b>958,026.0</b>	<b>2,377,875</b>	<b>2.70</b>	<b>2.53</b>
<b>POLK #2 CC TOTAL</b>	<b>1,061</b>	<b>514,684</b>	<b>67.4</b>	<b>82.8</b>	<b>78.3</b>	<b>7,048</b>	<b>GAS</b>	<b>-</b>	<b>-</b>	<b>3,627,355.2</b>	<b>9,103,976</b>	<b>1.77</b>	<b>-</b>
<b>POLK STATION TOTAL</b>	<b>1,271</b>	<b>645,205</b>	<b>69.1</b>	<b>84.4</b>	<b>69.4</b>	<b>7,278</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,696,025.2</b>	<b>11,756,476</b>	<b>1.82</b>	<b>-</b>

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SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY  
MONTH OF: June 2020

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET 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) <sup>(2)</sup>	AS BURNED FUEL COST (\$) <sup>(1)</sup>	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	233	103,621	61.8	98.7	61.8	-		-	-	-	-	-	-
BAYSIDE CT1A	156	85,904	76.5	100.0	76.5	12,260	GAS	1,031,521	1,021,000	1,053,182.6	2,614,060	3.04	2.53
BAYSIDE CT1B	156	58,226	51.8	100.0	78.1	12,162	GAS	693,559	1,021,000	708,124.2	1,757,602	3.02	2.53
BAYSIDE CT1C	156	42,467	37.8	96.2	77.4	11,912	GAS	495,443	1,021,000	505,846.8	1,255,543	2.96	2.53
<b>BAYSIDE UNIT 1 TOTAL</b>	<b>701</b>	<b>290,218</b>	<b>57.5</b>	<b>98.7</b>	<b>57.5</b>	<b>7,812</b>	<b>GAS</b>	<b>2,220,523</b>	<b>1,021,000</b>	<b>2,267,153.7</b>	<b>5,627,205</b>	<b>1.94</b>	<b>2.53</b>
BAYSIDE ST 2	305	154,276	70.2	97.9	70.2	-		-	-	-	-	-	-
BAYSIDE CT2A	156	86,414	76.9	100.0	78.9	11,815	GAS	999,961	1,021,000	1,020,959.8	2,534,080	2.93	2.53
BAYSIDE CT2B	156	67,032	59.6	97.4	78.1	11,825	GAS	776,375	1,021,000	792,678.6	1,967,474	2.94	2.53
BAYSIDE CT2C	156	56,551	50.3	97.1	79.2	12,084	GAS	669,306	1,021,000	683,361.0	1,696,141	3.00	2.53
BAYSIDE CT2D	156	67,077	59.6	96.7	78.1	12,098	GAS	794,790	1,021,000	811,480.6	2,014,140	3.00	2.53
<b>BAYSIDE UNIT 2 TOTAL</b>	<b>929</b>	<b>431,350</b>	<b>64.4</b>	<b>97.8</b>	<b>64.4</b>	<b>7,670</b>	<b>GAS</b>	<b>3,240,432</b>	<b>1,021,000</b>	<b>3,308,479.9</b>	<b>8,211,835</b>	<b>1.90</b>	<b>2.53</b>
<b>BAYSIDE UNIT 3 TOTAL</b>	<b>56</b>	<b>537</b>	<b>1.3</b>	<b>67.6</b>	<b>92.6</b>	<b>10,814</b>	<b>GAS</b>	<b>5,688</b>	<b>1,021,000</b>	<b>5,807.0</b>	<b>14,413</b>	<b>2.68</b>	<b>2.53</b>
<b>BAYSIDE UNIT 4 TOTAL</b>	<b>56</b>	<b>255</b>	<b>0.6</b>	<b>72.4</b>	<b>82.6</b>	<b>11,338</b>	<b>GAS</b>	<b>2,832</b>	<b>1,021,000</b>	<b>2,891.3</b>	<b>7,176</b>	<b>2.81</b>	<b>2.53</b>
<b>BAYSIDE UNIT 5 TOTAL</b>	<b>56</b>	<b>710</b>	<b>1.8</b>	<b>94.3</b>	<b>87.3</b>	<b>12,865</b>	<b>GAS</b>	<b>8,946</b>	<b>1,021,000</b>	<b>9,134.0</b>	<b>22,671</b>	<b>3.19</b>	<b>2.53</b>
<b>BAYSIDE UNIT 6 TOTAL</b>	<b>56</b>	<b>722</b>	<b>1.8</b>	<b>95.9</b>	<b>91.2</b>	<b>10,704</b>	<b>GAS</b>	<b>7,569</b>	<b>1,021,000</b>	<b>7,728.0</b>	<b>19,182</b>	<b>2.66</b>	<b>2.53</b>
<b>BAYSIDE STATION TOTAL</b>	<b>1,854</b>	<b>723,792</b>	<b>54.2</b>	<b>96.3</b>	<b>54.2</b>	<b>7,739</b>	<b>GAS</b>	<b>5,485,989</b>	<b>1,021,000</b>	<b>5,601,193.8</b>	<b>13,902,482</b>	<b>1.92</b>	<b>2.53</b>
<b>SYSTEM</b>	<b>4,897</b>	<b>1,694,408</b>	<b>48.0</b>	<b>79.2</b>	<b>53.4</b>	<b>7,614</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>12,901,858.4</b>	<b>32,535,096</b>	<b>1.92</b>	<b>-</b>

LEGEND:

B.B. = BIG BEND  
CT = COMBUSTION TURBINE

Footnotes:

CC = COMBINED CYCLE  
ST = STEAM TURBINE

<sup>(1)</sup> As burned fuel cost system total includes ignition  
<sup>(2)</sup> Fuel burned (MM BTU) system total excludes ignition

<sup>(3)</sup> Includes May 2020 adjustment to as burned fuel cost of \$4.74 to Polk 2 and \$610.66 to Polk 3.

TAMPA ELECTRIC COMPANY  
SYSTEM NET GENERATION AND FUEL COST  
ESTIMATED FOR THE PERIOD: JULY 2020

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (MWH)	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) <sup>(2)</sup>	AS BURNED FUEL COST (\$) <sup>(1)</sup>	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	19.3	290	2.0	-	2.0	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.5	4,290	384.4	-	384.4	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	16,400	31.4	-	31.4	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	17,010	30.8	-	30.8	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	60.8	13,690	31.4	-	31.4	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	54.8	13,690	30.7	-	30.7	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	37.4	12,500	30.7	-	30.7	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	49.4	10,850	29.5	-	29.5	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	74.7	16,420	29.5	-	29.5	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.3	17,400	31.5	-	31.5	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	-	-	-	-	-	-	-	-	-	-	-	-	-
13. SOLAR TOTAL	592.4	135,030	30.6	-	30.6	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	5,320	2.1	84.2	43.5	13,077	GAS	67,670	1,028,077	69,570.0	219,999	4.14	3.25
16. B.B.#3 (GAS)	345	19,630	7.6	-	-	-	GAS	222,650	1,028,026	228,890.0	723,848	3.69	3.25
17. B.B.#3 (COAL)	395	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	395	19,630	6.7	88.0	51.8	11,660	-	-	-	228,890.0	723,848	3.69	-
19. B.B.#4 (GAS)	155	5,490	4.8	-	-	-	GAS	68,490	1,028,033	70,410.0	222,665	4.06	3.25
20. B.B.#4 (COAL)	422	104,340	33.2	-	-	-	COAL	59,450	22,501,598	1,337,720.0	4,219,114	4.04	70.97
21. BIG BEND #4 TOTAL	422	109,830	35.0	86.7	40.3	12,821	-	-	-	1,408,130.0	4,441,779	4.04	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	10,850	-	11,160.0	35,274	-	3.25
23. B.B.C.T.#4 TOTAL	56	270	0.6	98.2	96.4	11,444	GAS	3,010	1,026,578	3,090.0	9,786	3.62	3.25
24. BIG BEND STATION TOTAL	1,213	135,050	15.0	86.9	41.8	12,660	-	-	-	1,709,680.0	5,430,686	4.02	-
25. POLK #1 GASIFIER	220	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
26. POLK #1 CT (GAS)	210	26,300	16.8	-	82.4	8,879	GAS	227,160	1,027,954	233,510.0	738,510	2.81	3.25
27. POLK #1 TOTAL	220	26,300	16.1	94.2	82.4	8,879	-	-	-	233,510.0	738,510	2.81	-
28. POLK #2 ST DUCT FIRING	120	10,820	12.1	-	67.8	8,273	GAS	87,070	1,028,023	89,510.0	283,070	2.62	3.25
29. POLK #2 ST W/O DUCT FIRING	341	655,123	-	-	-	-	GAS	4,396,675	1,028,020	4,519,871.4	14,293,847	2.18	3.25
30. POLK #2 ST TOTAL	461	665,943	19.2	-	166.6	6,922	GAS	-	-	4,609,381.4	14,576,917	2.19	-
31. POLK #2 CT (GAS)	150	1,440	1.3	-	96.0	10,854	GAS	15,200	1,028,289	15,630.0	49,417	3.43	3.25
32. POLK #2 CT (OIL)	159	1,329	1.1	-	10.6	10,996	LGT OIL	2,493	5,862,134	14,614.3	336,794	25.34	135.10
33. POLK #2 TOTAL	150	2,769	2.5	-	19.7	10,922	-	-	-	30,244.3	386,211	13.95	-
34. POLK #3 CT (GAS)	150	1,440	1.3	-	96.0	10,854	GAS	15,200	1,028,289	15,630.0	49,416	3.43	3.25
35. POLK #3 CT (OIL)	159	1,329	1.1	-	94.4	10,996	LGT OIL	2,493	5,862,134	14,614.3	336,794	25.34	135.10
36. POLK #3 TOTAL	150	2,769	2.5	-	95.2	10,922	-	-	-	30,244.3	386,210	13.95	-
37. POLK #4 CT (GAS) TOTAL	150	1,440	1.3	-	96.0	10,854	GAS	15,200	1,028,289	15,630.0	49,416	3.43	3.25
38. POLK #5 CT (GAS) TOTAL	150	900	0.8	-	100.0	10,689	GAS	9,350	1,028,877	9,620.0	30,397	3.38	3.25
39. POLK #2 CC TOTAL	1,061	673,821	85.4	97.5	151.0	6,968	-	-	-	4,695,120.0	15,429,151	2.29	-
40. POLK STATION TOTAL	1,281	700,121	73.5	96.9	141.8	7,040	-	-	-	4,928,630.0	16,167,661	2.31	-
41. BAYSIDE #1	720	410,980	76.7	97.2	78.7	7,325	GAS	2,928,550	1,028,000	3,010,550.0	9,520,887	2.32	3.25
42. BAYSIDE #2	954	398,470	56.1	97.4	57.6	7,550	GAS	2,926,580	1,027,995	3,008,510.0	9,514,482	2.39	3.25
43. BAYSIDE #3	56	580	1.4	98.6	86.3	11,948	GAS	6,730	1,029,718	6,930.0	21,880	3.77	3.25
44. BAYSIDE #4	56	440	1.1	98.6	87.3	11,932	GAS	5,100	1,029,412	5,250.0	16,580	3.77	3.25
45. BAYSIDE #5	56	530	1.3	76.3	86.0	12,057	GAS	6,220	1,027,331	6,390.0	20,222	3.82	3.25
46. BAYSIDE #6	56	420	1.0	54.1	83.3	12,310	GAS	5,030	1,027,833	5,170.0	16,353	3.89	3.25
47. BAYSIDE STATION TOTAL	1,898	811,420	57.5	95.5	66.7	7,447	GAS	5,878,210	1,028,000	6,042,800.0	19,110,404	2.36	3.25
48. SYSTEM TOTAL	4,984	1,781,621	48.0	82.4	95.9	7,118	-	-	-	12,681,110.0	40,708,751	2.28	-

LEGEND:  
B.B. = BIG BEND  
CT = COMBUSTION TURBINE

CC = COMBINED CYCLE  
ST = STEAM TURBINE

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

<sup>(4)</sup> In Simple Cycle Mode

TAMPA ELECTRIC COMPANY  
SYSTEM NET GENERATION AND FUEL COST  
ESTIMATED FOR THE PERIOD: AUGUST 2020

(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) <sup>(2)</sup>	AS BURNED FUEL COST (\$) <sup>(1)</sup>	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	19.3	270	1.9	-	1.9	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.5	4,210	377.2	-	377.2	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	15,830	30.4	-	30.4	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	16,410	29.7	-	29.7	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.2	16,780	30.4	-	30.4	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.8	13,220	29.2	-	29.2	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	54.8	12,080	29.6	-	29.6	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	8,380	30.1	-	30.1	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.4	10,470	28.5	-	28.5	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	15,920	28.6	-	28.6	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	16,840	30.5	-	30.5	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL	592.4	130,700	29.7	-	29.7	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	12,780	5.1	84.2	39.2	13,549	GAS	168,440	1,028,022	173,160.0	563,844	4.41	3.35
16. B.B.#3 (GAS)	345	27,840	10.8	-	-	-	GAS	320,370	1,027,999	329,340.0	1,072,422	3.85	3.35
17. B.B.#3 (COAL)	395	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	395	27,840	9.5	88.0	48.9	11,830	-	-	-	329,340.0	1,072,422	3.85	-
19. B.B.#4 (GAS)	155	5,690	4.9	-	-	-	GAS	70,200	1,028,063	72,170.0	234,991	4.13	3.35
20. B.B.#4 (COAL)	422	108,120	34.4	-	-	-	COAL	60,940	22,500,328	1,371,170.0	4,312,681	3.99	70.77
21. BIG BEND #4 TOTAL	422	113,810	36.2	86.7	41.7	12,682	-	-	-	1,443,340.0	4,547,672	4.00	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	20,870	-	21,450.0	69,861	-	3.35
23. B.B.C.T.#4 TOTAL	56	1,340	3.2	98.2	82.5	11,799	GAS	15,380	1,027,958	15,810.0	51,484	3.84	3.35
24. BIG BEND STATION TOTAL	1,213	155,770	17.3	86.9	42.8	12,593	-	-	-	1,961,650.0	6,305,283	4.05	-
25. POLK #1 GASIFIER	220	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
26. POLK #1 CT (GAS)	210	29,690	19.0	-	83.2	8,862	GAS	255,950	1,027,974	263,110.0	856,779	2.89	3.35
27. POLK #1 TOTAL	220	29,690	18.1	94.2	83.2	8,862	-	-	-	263,110.0	856,779	2.89	-
28. POLK #2 ST DUCT FIRING	120	11,520	12.9	-	71.6	8,271	GAS	92,680	1,028,054	95,280.0	310,241	2.69	3.35
29. POLK #2 ST W/O DUCT FIRING	341	648,973	-	-	-	-	GAS	4,356,285	1,028,021	4,478,351.4	14,582,438	2.25	3.35
30. POLK #2 ST TOTAL	461	660,493	192.6	-	165.1	6,925	GAS	-	-	4,573,631.4	14,892,679	2.25	-
31. POLK #2 CT (GAS)	150	1,350	1.2	-	100.0	10,674	GAS	14,020	1,027,817	14,410.0	46,932	3.48	3.35
32. POLK #2 CT (OIL)	159	1,329	1.1	-	10.1	10,996	LGT OIL	2,493	5,862,134	14,614.3	304,333	22.90	122.08
33. POLK #2 TOTAL	150	2,679	2.4	-	18.5	10,834	-	-	-	29,024.3	351,265	13.11	-
34. POLK #3 CT (GAS)	150	1,500	1.3	-	100.0	10,733	GAS	15,660	1,028,097	16,100.0	52,421	3.49	3.35
35. POLK #3 CT (OIL)	159	1,329	1.1	-	94.4	10,996	LGT OIL	2,493	5,862,134	14,614.3	304,332	22.90	122.07
36. POLK #3 TOTAL	150	2,829	2.5	-	97.3	10,857	-	-	-	30,714.3	356,753	12.61	-
37. POLK #4 CT (GAS) TOTAL	150	1,500	1.3	-	100.0	10,727	GAS	15,660	1,027,458	16,090.0	52,421	3.49	3.35
38. POLK #5 CT (GAS) TOTAL	150	830	0.7	-	92.2	11,024	GAS	8,900	1,028,090	9,150.0	29,792	3.59	3.35
39. POLK #2 CC TOTAL	1,061	668,331	84.7	97.5	149.1	6,971	-	-	-	4,658,610.0	15,682,910	2.35	-
40. POLK STATION TOTAL	1,281	698,021	73.2	96.9	139.5	7,051	-	-	-	4,921,720.0	16,539,689	2.37	-
41. BAYSIDE #1	720	420,670	78.5	97.2	80.7	7,312	GAS	2,992,160	1,027,996	3,075,930.0	10,016,100	2.38	3.35
42. BAYSIDE #2	954	443,460	62.5	97.4	64.2	7,481	GAS	3,226,960	1,028,005	3,317,330.0	10,802,080	2.44	3.35
43. BAYSIDE #3	56	1,380	3.3	98.6	85.0	11,797	GAS	15,840	1,027,778	16,280.0	53,024	3.84	3.35
44. BAYSIDE #4	56	1,010	2.4	98.6	82.0	11,980	GAS	11,780	1,027,165	12,100.0	39,433	3.90	3.35
45. BAYSIDE #5	56	1,640	3.9	98.6	83.7	11,780	GAS	18,790	1,028,206	19,320.0	62,899	3.84	3.35
46. BAYSIDE #6	56	1,470	3.5	98.6	87.5	11,599	GAS	16,590	1,027,728	17,050.0	55,534	3.78	3.35
47. BAYSIDE STATION TOTAL	1,898	869,630	61.6	97.5	71.4	7,426	GAS	6,282,120	1,027,999	6,458,010.0	21,029,070	2.42	3.35
48. SYSTEM TOTAL	4,984	1,854,121	50.0	83.2	97.3	7,196	-	-	-	13,341,380.0	43,874,042	2.37	-

LEGEND:  
B.B. = BIG BEND  
CT = COMBUSTION TURBINE

CC = COMBINED CYCLE  
ST = STEAM TURBINE

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

<sup>(4)</sup> In Simple Cycle Mode

TAMPA ELECTRIC COMPANY  
SYSTEM NET GENERATION AND FUEL COST  
ESTIMATED FOR THE PERIOD: SEPTEMBER 2020

(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) <sup>(4)</sup>	AS BURNED FUEL COST (\$) <sup>(1)</sup>	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1. TIA SOLAR	1.6	260	22.6	-	22.6	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.3	220	1.6	-	1.6	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.5	3,500	324.1	-	324.1	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	13,770	27.3	-	27.3	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	14,270	26.7	-	26.7	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	14,430	27.0	-	27.0	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.8	11,490	26.2	-	26.2	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	54.8	10,510	26.6	-	26.6	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	6,780	25.2	-	25.2	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.4	9,100	25.6	-	25.6	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	13,780	25.6	-	25.6	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	14,480	27.1	-	27.1	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL <sup>(3)</sup>	1.6	112,590	9773.4	-	9,773.4	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	12,040	4.9	84.2	36.5	13,900	GAS	162,800	1,028,010	167,360.0	556,896	4.63	3.42
16. B.B.#3 (GAS)	345	33,600	13.5	-	-	-	GAS	382,210	1,027,995	392,910.0	1,307,439	3.89	3.42
17. B.B.#3 (COAL)	395	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	395	33,600	11.8	88.0	51.2	11,694	-	-	-	392,910.0	1,307,439	3.89	-
19. B.B.#4 (GAS)	155	5,670	5.1	-	-	-	GAS	69,320	1,027,986	71,260.0	237,125	4.18	3.42
20. B.B.#4 (COAL)	422	107,800	35.5	-	-	-	COAL	60,180	22,499,501	1,354,020.0	4,246,528	3.94	70.56
21. BIG BEND #4 TOTAL	422	113,470	37.3	86.7	43.0	12,561	-	-	-	1,425,280.0	4,483,653	3.95	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	22,960	-	23,600.0	78,540	-	3.42
23. B.B.C.T.#4 TOTAL	56	1,000	2.5	98.2	99.2	11,410	GAS	11,100	1,027,928	11,410.0	37,970	3.80	3.42
24. BIG BEND STATION TOTAL	1,213	160,110	18.3	86.9	44.1	12,472	-	-	-	1,996,960.0	6,464,498	4.04	-
25. POLK #1 GASIFIER	220	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
26. POLK #1 CT (GAS)	210	35,170	23.3	-	84.2	8,844	GAS	302,570	1,028,027	311,050.0	1,035,011	2.94	3.42
27. POLK #1 TOTAL	220	35,170	22.2	94.2	84.2	8,844	-	-	-	311,050.0	1,035,011	2.94	-
28. POLK #2 ST DUCT FIRING	120	13,230	15.3	-	62.6	8,271	GAS	106,440	1,028,091	109,430.0	364,103	2.75	3.42
29. POLK #2 ST W/O DUCT FIRING	341	486,529	-	-	-	-	GAS	3,262,864	1,028,025	3,354,304.3	11,161,390	2.29	3.42
30. POLK #2 ST TOTAL	461	499,759	150.6	-	122.4	6,931	GAS	-	-	3,463,734.3	11,525,493	2.31	-
31. POLK #2 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
32. POLK #2 CT (OIL)	159	1,286	1.1	-	9.4	10,998	LGT OIL	2,412	5,863,557	14,142.9	269,689	20.97	111.81
33. POLK #2 TOTAL <sup>(4)</sup>	150	1,286	1.2	-	9.4	10,998	-	-	-	14,142.9	269,689	20.97	-
34. POLK #3 CT (GAS)	150	1,500	1.4	-	100.0	10,727	GAS	15,660	1,027,458	16,090.0	53,569	3.57	3.42
35. POLK #3 CT (OIL)	159	1,286	1.1	-	94.4	10,998	LGT OIL	2,412	5,863,557	14,142.9	269,689	20.97	111.81
36. POLK #3 TOTAL <sup>(4)</sup>	150	2,786	2.6	-	97.3	10,852	-	-	-	30,232.9	323,258	11.60	-
37. POLK #4 CT (GAS) TOTAL <sup>(4)</sup>	150	1,500	1.4	-	100.0	10,727	GAS	15,660	1,027,458	16,090.0	53,569	3.57	3.42
38. POLK #5 CT (GAS) TOTAL <sup>(4)</sup>	150	1,350	1.3	-	100.0	10,733	GAS	14,100	1,027,660	14,490.0	48,232	3.57	3.42
39. POLK #2 CC TOTAL	1,061	506,681	66.3	97.5	111.8	6,984	-	-	-	3,538,690.1	12,220,241	2.41	-
40. POLK STATION TOTAL	1,281	541,851	58.7	96.9	107.3	7,105	-	-	-	3,849,740.1	13,255,252	2.45	-
41. BAYSIDE #1	720	413,940	79.8	97.2	82.1	7,306	GAS	2,942,000	1,027,998	3,024,370.0	10,063,800	2.43	3.42
42. BAYSIDE #2	954	449,550	65.4	97.4	67.2	7,454	GAS	3,259,620	1,027,997	3,350,880.0	11,150,293	2.48	3.42
43. BAYSIDE #3	56	1,260	3.1	98.6	83.3	11,968	GAS	14,680	1,027,248	15,080.0	50,216	3.99	3.42
44. BAYSIDE #4	56	1,120	2.8	98.6	87.0	11,884	GAS	12,940	1,028,594	13,310.0	44,264	3.95	3.42
45. BAYSIDE #5	56	1,810	4.5	98.6	87.4	11,740	GAS	20,680	1,027,563	21,250.0	70,741	3.91	3.42
46. BAYSIDE #6	56	1,660	4.1	98.6	87.2	11,771	GAS	19,000	1,028,421	19,540.0	64,994	3.92	3.42
47. BAYSIDE STATION TOTAL	1,898	869,340	63.6	97.5	73.7	7,413	GAS	6,268,920	1,027,997	6,444,430.0	21,444,308	2.47	3.42
48. SYSTEM TOTAL	4,394	1,683,891	53.2	94.4	90.1	7,299	-	-	-	12,291,130.1	41,164,058	2.44	-

LEGEND:  
B.B. = BIG BEND  
CT = COMBUSTION TURBINE

CC = COMBINED CYCLE  
ST = STEAM TURBINE

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

<sup>(4)</sup> In Simple Cycle Mode



TAMPA ELECTRIC COMPANY  
SYSTEM NET GENERATION AND FUEL COST  
ESTIMATED FOR THE PERIOD: OCTOBER 2020

(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) <sup>(4)</sup>	AS BURNED FUEL COST (\$) <sup>(1)</sup>	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	19.3	230	1.6	-	1.6	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.5	3,620	324.4	-	324.4	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	13,610	26.1	-	26.1	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	14,110	25.6	-	25.6	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	14,090	25.5	-	25.5	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.8	11,340	25.1	-	25.1	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	54.8	10,380	25.5	-	25.5	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	7,160	25.7	-	25.7	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.4	8,990	24.5	-	24.5	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	14,310	25.7	-	25.7	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	14,140	25.6	-	25.6	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL <sup>(3)</sup>	592.4	112,270	25.5	-	25.5	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	31,010	12.3	84.2	41.8	13,243	GAS	399,490	1,028,011	410,680.0	1,391,660	4.49	3.48
16. B.B.#3 (GAS)	345	47,060	18.3	-	-	-	GAS	540,640	1,028,004	555,780.0	1,883,369	4.00	3.48
17. B.B.#3 (COAL)	395	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	395	47,060	16.0	82.3	49.2	11,810	-	-	-	555,780.0	1,883,369	4.00	-
19. B.B.#4 (GAS)	155	2,640	2.3	-	-	-	GAS	33,310	1,027,920	34,240.0	116,038	4.40	3.48
20. B.B.#4 (COAL)	422	50,220	16.0	-	-	-	COAL	28,920	22,497,234	650,620.0	2,034,424	4.05	70.35
21. BIG BEND #4 TOTAL	422	52,860	16.8	86.7	39.0	12,956	-	-	-	684,860.0	2,150,462	4.07	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	50,930	-	52,350.0	177,419	-	3.48
23. B.B.C.T.#4 TOTAL	56	1,520	3.6	98.2	59.0	13,217	GAS	19,550	1,027,621	20,090.0	68,104	4.48	3.48
24. BIG BEND STATION TOTAL	1,213	132,450	14.7	85.1	43.0	12,619	-	-	-	1,671,410.0	5,671,014	4.28	-
25. POLK #1 GASIFIER	220	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
26. POLK #1 CT (GAS)	210	25,210	16.1	-	83.9	8,846	GAS	216,950	1,027,933	223,010.0	755,765	3.00	3.48
27. POLK #1 TOTAL	220	25,210	15.4	63.8	83.9	8,846	-	-	-	223,010.0	755,765	3.00	-
28. POLK #2 ST DUCT FIRING	120	15,970	17.9	-	57.4	8,272	GAS	128,510	1,028,013	132,110.0	447,676	2.80	3.48
29. POLK #2 ST W/O DUCT FIRING	341	502,281	16.1	-	-	-	GAS	3,369,144	1,028,022	3,463,555.7	11,736,717	2.34	3.48
30. POLK #2 ST TOTAL	461	518,251	15.1	-	116.4	6,938	GAS	-	-	3,595,665.7	12,184,393	2.35	-
31. POLK #2 CT (GAS)	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
32. POLK #2 CT (OIL)	159	1,200	1.0	-	8.4	11,000	LGT OIL	2,251	5,864,060	13,200.0	237,867	19.82	105.67
33. POLK #2 TOTAL <sup>(4)</sup>	150	1,200	1.1	-	8.4	11,000	-	-	-	13,200.0	237,867	19.82	-
34. POLK #3 CT (GAS)	150	1,200	1.1	-	80.0	11,383	GAS	13,290	1,027,840	13,660.0	46,297	3.86	3.48
35. POLK #3 CT (OIL)	159	1,329	1.1	-	94.4	10,996	LGT OIL	2,493	5,862,134	14,614.3	263,441	19.82	105.67
36. POLK #3 TOTAL <sup>(4)</sup>	150	2,529	2.3	-	87.0	11,180	-	-	-	28,274.3	309,738	12.25	-
37. POLK #4 CT (GAS) TOTAL <sup>(4)</sup>	150	610	0.5	-	81.3	11,328	GAS	6,720	1,028,274	6,910.0	23,410	3.84	3.48
38. POLK #5 CT (GAS) TOTAL <sup>(4)</sup>	150	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
39. POLK #2 CC TOTAL	1,061	522,590	66.2	97.5	106.8	6,973	-	-	-	3,644,050.0	12,755,408	2.44	-
40. POLK STATION TOTAL	1,281	547,800	57.5	91.7	104.1	7,059	-	-	-	3,867,060.0	13,511,173	2.47	-
41. BAYSIDE #1	720	326,570	61.0	97.2	62.9	7,432	GAS	2,361,100	1,027,995	2,427,200.0	8,225,105	2.52	3.48
42. BAYSIDE #2	954	403,170	56.8	97.4	58.7	7,540	GAS	2,956,930	1,027,999	3,039,720.0	10,300,733	2.55	3.48
43. BAYSIDE #3	56	3,760	9.0	98.6	72.2	12,399	GAS	45,360	1,027,778	46,620.0	158,016	4.20	3.48
44. BAYSIDE #4	56	2,360	5.7	98.6	66.9	12,754	GAS	29,300	1,027,304	30,100.0	102,069	4.32	3.48
45. BAYSIDE #5	56	4,740	11.4	98.6	71.7	12,414	GAS	57,240	1,027,952	58,840.0	199,401	4.21	3.48
46. BAYSIDE #6	56	4,120	9.9	98.6	72.1	12,449	GAS	49,900	1,027,856	51,290.0	173,831	4.22	3.48
47. BAYSIDE STATION TOTAL	1,898	744,720	52.7	97.5	60.7	7,592	GAS	5,499,830	1,027,990	5,653,770.0	19,159,155	2.57	3.48
48. SYSTEM TOTAL	4,984	1,537,240	41.5	81.4	82.6	7,281	-	-	-	11,192,240.0	38,341,342	2.49	-

LEGEND:  
B.B. = BIG BEND  
CT = COMBUSTION TURBINE

CC = COMBINED CYCLE  
ST = STEAM TURBINE

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

<sup>(4)</sup> In Simple Cycle Mode

TAMPA ELECTRIC COMPANY  
SYSTEM NET GENERATION AND FUEL COST  
ESTIMATED FOR THE PERIOD: NOVEMBER 2020

(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) <sup>(1)</sup>	AS BURNED FUEL COST (\$) <sup>(1)</sup>	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	19.3	180	1.3	-	1.3	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.5	2,980	275.9	-	275.9	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	10,170	20.1	-	20.1	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	10,540	19.7	-	19.7	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	12,070	22.6	-	22.6	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.8	8,450	19.3	-	19.3	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	54.8	7,740	19.6	-	19.6	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	6,060	22.5	-	22.5	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.4	6,730	18.9	-	18.9	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	11,830	22.0	-	22.0	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	12,120	22.7	-	22.7	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL <sup>(3)</sup>	592.4	89,140	20.9	-	20.9	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	340	36,710	15.0	84.2	38.3	13,670	GAS	488,160	1,028,003	501,830.0	1,843,787	5.02	3.78
16. B.B.#3 (GAS)	345	63,370	25.5	-	-	-	GAS	732,210	1,027,997	752,710.0	2,765,567	4.36	3.78
17. B.B.#3 (COAL)	395	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	395	63,370	22.3	64.5	48.3	11,878	-	-	-	752,710.0	2,765,567	4.36	-
19. B.B.#4 (GAS)	155	2,090	1.9	-	-	-	GAS	26,330	1,027,725	27,060.0	99,449	4.76	3.78
20. B.B.#4 (COAL)	422	39,680	13.1	-	-	-	COAL	22,850	22,503,282	514,200.0	1,618,459	4.08	70.83
21. BIG BEND #4 TOTAL	422	41,770	13.7	83.8	39.0	12,958	-	-	-	541,260.0	1,717,908	4.11	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	45,090	-	46,350.0	170,305	-	3.78
23. B.B.C.T.#4 TOTAL	56	1,450	3.6	98.2	41.1	15,200	GAS	21,440	1,027,985	22,040.0	80,979	5.58	3.78
24. BIG BEND STATION TOTAL	1,213	143,300	16.4	78.3	42.4	12,686	-	-	-	1,817,840.0	6,578,545	4.59	-
25. POLK #1 GASIFIER	220	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
26. POLK #1 CT (GAS)	210	90,440	59.8	-	83.5	8,744	GAS	769,250	1,028,001	790,790.0	2,905,467	3.21	3.78
27. POLK #1 TOTAL	220	90,440	57.1	94.2	83.5	8,744	-	-	-	790,790.0	2,905,467	3.21	-
28. POLK #2 ST DUCT FIRING	120	17,350	20.1	-	67.2	8,271	GAS	139,600	1,028,009	143,510.0	527,271	3.04	3.78
29. POLK #2 ST W/O DUCT FIRING	341	429,540	-	-	-	-	GAS	2,880,564	1,028,024	2,961,290.0	10,879,926	2.54	3.78
30. POLK #2 ST TOTAL	461	445,890	134.3	-	119.9	6,963	GAS	-	-	3,104,800.0	11,407,197	2.56	-
31. POLK #2 CT (GAS)	150	13,790	12.8	-	76.0	11,588	GAS	155,440	1,028,049	159,800.0	587,098	4.26	3.78
32. POLK #2 CT (OIL)	159	1,114	1.0	-	7.6	11,003	LGT OIL	2,091	5,861,836	12,257.1	211,374	18.97	101.09
33. POLK #2 TOTAL <sup>(4)</sup>	150	14,904	13.8	-	45.5	11,544	-	-	-	172,057.1	798,472	5.36	-
34. POLK #3 CT (GAS)	150	10,320	9.6	-	78.2	11,508	GAS	115,520	1,028,047	118,760.0	436,320	4.23	3.78
35. POLK #3 CT (OIL)	159	986	0.9	-	94.4	10,997	LGT OIL	1,849	5,864,197	10,842.9	186,912	18.96	101.09
36. POLK #3 TOTAL <sup>(4)</sup>	150	11,306	10.5	-	79.4	11,463	-	-	-	129,602.9	623,232	5.51	-
37. POLK #4 CT (GAS) TOTAL <sup>(4)</sup>	150	3,400	3.1	-	87.2	11,247	GAS	37,200	1,027,957	38,240.0	140,505	4.13	3.78
38. POLK #5 CT (GAS) TOTAL <sup>(4)</sup>	150	130	0.1	-	86.7	11,846	GAS	1,500	1,026,667	1,540.0	5,666	4.36	3.78
39. POLK #2 CC TOTAL	1,061	475,630	62.3	89.4	101.9	7,246	-	-	-	3,446,240.0	12,975,072	2.73	-
40. POLK STATION TOTAL	1,281	566,070	61.4	90.2	96.1	7,485	-	-	-	4,237,030.0	15,880,539	2.81	-
41. BAYSIDE #1	720	273,430	52.7	94.0	56.0	7,504	GAS	1,996,060	1,027,995	2,051,940.0	7,539,143	2.76	3.78
42. BAYSIDE #2	954	199,690	29.1	52.0	56.0	7,566	GAS	1,469,640	1,027,993	1,510,780.0	5,550,849	2.78	3.78
43. BAYSIDE #3	56	3,410	8.5	98.6	57.4	13,267	GAS	44,010	1,027,948	45,240.0	166,226	4.87	3.78
44. BAYSIDE #4	56	3,280	8.1	98.6	58.6	13,104	GAS	41,810	1,027,984	42,980.0	157,917	4.81	3.78
45. BAYSIDE #5	56	5,730	14.2	98.6	67.3	12,522	GAS	69,800	1,027,937	71,750.0	263,635	4.60	3.78
46. BAYSIDE #6	56	4,720	11.7	98.6	66.4	12,555	GAS	57,640	1,028,105	59,260.0	217,707	4.61	3.78
47. BAYSIDE STATION TOTAL	1,898	490,260	35.9	73.4	56.2	7,714	GAS	3,678,960	1,027,994	3,781,950.0	13,895,477	2.83	3.78
48. SYSTEM TOTAL	4,984	1,288,770	35.9	70.2	80.5	7,633	-	-	-	9,836,820.0	36,354,561	2.82	-

LEGEND:  
B.B. = BIG BEND  
CT = COMBUSTION TURBINE

CC = COMBINED CYCLE  
ST = STEAM TURBINE

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

<sup>(4)</sup> In Simple Cycle Mode

TAMPA ELECTRIC COMPANY  
SYSTEM NET GENERATION AND FUEL COST  
ESTIMATED FOR THE PERIOD: DECEMBER 2020

(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) <sup>(1)</sup>	AS BURNED FUEL COST (\$) <sup>(1)</sup>	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
1. TIA SOLAR	1.6	260	21.8	-	21.8	-	SOLAR	-	-	-	-	-	-
2. BIG BEND SOLAR	19.3	160	1.1	-	1.1	-	SOLAR	-	-	-	-	-	-
3. LEGOLAND SOLAR	1.5	2,710	242.8	-	242.8	-	SOLAR	-	-	-	-	-	-
4. PAYNE CREEK SOLAR	70.1	8,540	16.4	-	16.4	-	SOLAR	-	-	-	-	-	-
5. BALM SOLAR	74.2	8,840	16.0	-	16.0	-	SOLAR	-	-	-	-	-	-
6. LITHIA SOLAR	74.3	10,460	18.9	-	18.9	-	SOLAR	-	-	-	-	-	-
7. GRANGE HALL SOLAR	60.8	7,100	15.7	-	15.7	-	SOLAR	-	-	-	-	-	-
8. PEACE CREEK SOLAR	54.8	6,510	16.0	-	16.0	-	SOLAR	-	-	-	-	-	-
9. BONNIE MINE SOLAR	37.4	5,080	18.3	-	18.3	-	SOLAR	-	-	-	-	-	-
10. LAKE HANCOCK SOLAR	49.4	5,650	15.4	-	15.4	-	SOLAR	-	-	-	-	-	-
11. WIMAUMA SOLAR	74.7	10,550	19.0	-	19.0	-	SOLAR	-	-	-	-	-	-
12. LITTLE MANATEE RIVER SOLAR	74.3	10,530	19.0	-	19.0	-	SOLAR	-	-	-	-	-	-
13. SOLAR TOTAL	592.4	76,390	17.3	-	17.3	-	SOLAR	-	-	-	-	-	-
14. BIG BEND #1 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
15. BIG BEND #2 TOTAL	350	10,640	4.1	84.2	40.5	13,170	GAS	136,310	1,028,024	140,130.0	553,144	5.20	4.06
16. B.B.#3 (GAS)	355	15,290	5.8	-	-	-	GAS	172,530	1,028,053	177,370.0	700,124	4.58	4.06
17. B.B.#3 (COAL)	400	0	0.0	-	-	-	COAL	0	0	0.0	0	0.00	0.00
18. BIG BEND #3 TOTAL	400	15,290	5.1	88.0	50.3	11,600	-	-	-	177,370.0	700,124	4.58	-
19. B.B.#4 (GAS)	160	3,950	3.3	-	-	-	GAS	48,660	1,027,744	50,010.0	197,462	5.00	4.06
20. B.B.#4 (COAL)	432	75,210	23.4	-	-	-	COAL	42,230	22,502,250	950,270.0	2,970,432	3.95	70.34
21. BIG BEND #4 TOTAL	432	79,160	24.6	61.5	39.9	12,636	-	-	-	1,000,280.0	3,167,894	4.00	-
22. B.B. IGNITION	-	-	-	-	-	-	GAS	17,950	-	18,450.0	72,841	-	4.06
23. B.B.C.T.#4 TOTAL	61	1,110	2.4	98.2	82.7	11,541	GAS	12,460	1,028,090	12,810.0	50,562	4.56	4.06
24. BIG BEND STATION TOTAL	1,243	106,200	11.5	78.2	41.4	12,529	-	-	-	1,330,590.0	4,544,565	4.28	-
25. POLK #1 GASIFIER	220	0	0.0	-	0.0	0	COAL	0	0	0.0	0	0.00	0.00
26. POLK #1 CT (GAS)	240	41,510	23.2	-	74.6	8,833	GAS	356,650	1,028,011	366,640.0	1,447,280	3.49	4.06
27. POLK #1 TOTAL	220	41,510	25.4	94.2	74.6	8,833	-	-	-	366,640.0	1,447,280	3.49	-
28. POLK #2 ST DUCT FIRING	120	10,730	12.0	-	79.1	8,171	GAS	85,280	1,028,025	87,670.0	346,065	3.23	4.06
29. POLK #2 ST W/O DUCT FIRING	360	730,373	-	-	-	-	GAS	4,918,775	1,028,016	5,056,581.4	19,960,310	2.73	4.06
30. POLK #2 ST TOTAL	480	741,103	207.5	-	182.3	6,941	GAS	-	-	5,144,251.4	20,306,375	2.74	-
31. POLK #2 CT (GAS)	180	1,310	1.0	-	80.9	10,962	GAS	13,970	1,027,917	14,360.0	56,690	4.33	4.06
32. POLK #2 CT (OIL)	187	1,329	1.0	-	7.6	10,996	LGT OIL	2,493	5,862,134	14,614.3	239,222	18.00	95.96
33. POLK #2 TOTAL	180	2,639	2.0	-	13.8	10,979	-	-	-	28,974.3	295,912	11.21	-
34. POLK #3 CT (GAS)	180	1,130	0.8	-	78.5	11,035	GAS	12,120	1,028,878	12,470.0	49,183	4.35	4.06
35. POLK #3 CT (OIL)	187	1,329	1.0	-	80.2	10,996	LGT OIL	2,493	5,862,134	14,614.3	239,222	18.00	95.96
36. POLK #3 TOTAL	180	2,459	1.8	-	79.4	11,014	-	-	-	27,084.3	288,405	11.73	-
37. POLK #4 CT (GAS) TOTAL	180	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
38. POLK #5 CT (GAS) TOTAL	180	0	0.0	-	0.0	0	GAS	0	0	0.0	0	0.00	0.00
39. POLK #2 CC TOTAL	1,200	746,201	83.6	97.5	162.6	6,969	-	-	-	5,200,310.0	20,890,692	2.80	-
40. POLK STATION TOTAL	1,420	787,711	74.6	97.0	145.5	7,067	-	-	-	5,566,950.0	22,337,972	2.84	-
41. BAYSIDE #1	792	165,710	28.1	56.4	52.0	7,390	GAS	1,191,290	1,028,003	1,224,650.0	4,834,236	2.92	4.06
42. BAYSIDE #2	1,047	354,260	45.5	97.4	46.7	7,589	GAS	2,615,350	1,027,996	2,688,570.0	10,613,048	3.00	4.06
43. BAYSIDE #3	61	1,320	2.9	98.6	90.2	11,379	GAS	14,610	1,028,063	15,020.0	59,287	4.49	4.06
44. BAYSIDE #4	61	1,130	2.5	98.6	88.2	11,336	GAS	12,480	1,026,442	12,810.0	50,644	4.48	4.06
45. BAYSIDE #5	61	1,600	3.5	98.6	93.7	11,238	GAS	17,490	1,028,016	17,980.0	70,974	4.44	4.06
46. BAYSIDE #6	61	1,380	3.0	98.6	90.5	11,312	GAS	15,180	1,028,327	15,610.0	61,600	4.46	4.06
47. BAYSIDE STATION TOTAL	2,083	525,400	33.9	82.0	48.5	7,565	GAS	3,866,400	1,027,995	3,974,640.0	15,689,789	2.99	4.06
48. SYSTEM TOTAL	5,338	1,495,701	37.7	76.0	88.5	7,269	-	-	-	10,872,180.0	42,572,326	2.85	-

LEGEND:  
B.B. = BIG BEND  
CT = COMBUSTION TURBINE

CC = COMBINED CYCLE  
ST = STEAM TURBINE

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

<sup>(4)</sup> In Simple Cycle Mode

TAMPA ELECTRIC COMPANY  
 SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS  
 ACTUAL FOR THE PERIOD: JANUARY 2020 THROUGH JUNE 2020

SCHEDULE E5

	ACTUAL					
	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
<b>HEAVY OIL</b>						
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
<b>LIGHT OIL</b>						
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	0	440	759
20. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	127.57	147.10
21. AMOUNT (\$)	0	0	0	0	56,132	111,650
22. ENDING INVENTORY:						
23. UNITS (BBL)	42,562	42,562	42,562	42,562	42,122	41,363
24. UNIT COST (\$/BBL)	127.48	127.48	127.48	127.48	127.48	146.37
25. AMOUNT (\$)	5,425,905	5,425,905	5,425,905	5,425,905	5,369,773	6,054,446
26. DAYS SUPPLY: NORMAL	577	577	575	575	569	629
27. DAYS SUPPLY: EMERGENCY	6	6	6	6	6	6
<b>COAL</b>						
28. PURCHASES:						
29. UNITS (TONS)	2,587	0	0	31,857	93,606	29,583
30. UNIT COST (\$/TON)	2.57	0.00	0.00	54.84	64.82	43.35
31. AMOUNT (\$)	6,638	0	0	1,746,915	6,067,639	1,282,474
32. BURNED:						
33. UNITS (TONS)	82,330	0	(2,255)	0	0	41,559
34. UNIT COST (\$/TON)	72.60	0.00	(558.15)	0.00	0.00	63.66
35. AMOUNT (\$)	5,976,802	1,044,084	1,258,618	355,640	354,196	2,645,478
36. ENDING INVENTORY:						
37. UNITS (TONS)	222,715	204,744	202,284	229,426	323,032	311,056
38. UNIT COST (\$/TON)	70.88	70.66	70.67	69.92	68.44	67.04
39. AMOUNT (\$)	15,787,080	14,468,163	14,294,650	16,041,565	22,109,205	20,853,607
40. DAYS SUPPLY:	306	1,276	1,495	516	299	154
<b>NATURAL GAS</b>						
41. PURCHASES:						
42. UNITS (MCF)	10,059,170	10,089,027	11,700,794	9,480,797	9,390,550	11,735,665
43. UNIT COST (\$/MCF)	3.03	2.68	2.57	2.64	2.90	2.53
44. AMOUNT (\$)	30,489,600	27,050,486	30,063,433	25,011,657	27,269,278	29,710,904
45. BURNED:						
46. UNITS (MCF)	10,057,418	10,067,881	11,701,767	9,429,039	9,453,126	11,750,533
47. UNIT COST (\$/MCF)	3.03	2.68	2.57	2.67	2.89	2.53
48. AMOUNT (\$)	30,456,415	27,009,533	30,120,929	25,136,658	27,297,597	29,777,968
49. ENDING INVENTORY:						
50. UNITS (MCF)	375,375	396,521	395,548	447,306	384,730	369,862
51. UNIT COST (\$/MCF)	2.65	2.61	2.47	1.91	2.15	2.05
52. AMOUNT (\$)	995,349	1,036,302	978,806	853,805	825,486	758,422
53. DAYS SUPPLY:	1	1	1	1	1	1
<b>NUCLEAR</b>						
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
<b>OTHER</b>						
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, OTHER USAGE, AND ANALYSIS (2) COAL-IGNITION, ADDITIVES, ANALYSIS, AND INVENTORY ADJUSTMENT(3) GAS-IGNITION AND ADDITIVES

TAMPA ELECTRIC COMPANY  
 SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS  
 ESTIMATED FOR THE PERIOD: JULY 2020 THROUGH DECEMBER 2020

SCHEDULE E5

	Jul-20	Aug-20	Estimated Sep-20	Oct-20	Nov-20	Dec-20	TOTAL
<b>HEAVY OIL</b>							
1. PURCHASES:							
2. UNITS (BBL)	0	0	0	0	0	0	0
3. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4. AMOUNT (\$)	0	0	0	0	0	0	0
5. BURNED:							
6. UNITS (BBL)	0	0	0	0	0	0	0
7. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8. AMOUNT (\$)	0	0	0	0	0	0	0
9. ENDING INVENTORY:							
10. UNITS (BBL)	0	0	0	0	0	0	0
11. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. AMOUNT (\$)	0	0	0	0	0	0	0
13. DAYS SUPPLY:	0	0	0	0	0	0	-
<b>LIGHT OIL</b>							
14. PURCHASES:							
15. UNITS (BBL)	4,985	6,885	6,724	4,744	3,940	4,985	32,263
16. UNIT COST (\$/BBL)	41.75	43.86	45.59	47.31	48.56	49.62	45.86
17. AMOUNT (\$)	208,114	301,970	306,533	224,449	191,323	247,344	1,479,733
18. BURNED:							
19. UNITS (BBL)	4,986	4,986	4,824	4,744	3,940	4,986	29,665
20. UNIT COST (\$/BBL)	135.10	122.07	111.81	105.67	101.09	95.96	113.52
21. AMOUNT (\$)	673,588	608,665	539,378	501,308	398,286	478,444	3,367,451
22. ENDING INVENTORY:							
23. UNITS (BBL)	41,363	43,263	45,163	45,163	45,163	45,163	45,163
24. UNIT COST (\$/BBL)	135.12	122.10	111.80	105.67	101.09	95.97	95.97
25. AMOUNT (\$)	5,588,972	5,282,277	5,049,432	4,772,574	4,565,611	4,334,511	4,334,511
26. DAYS SUPPLY: NORMAL	292	305	319	319	331	334	-
27. DAYS SUPPLY: EMERGENCY	6	6	6	6	6	6	-
<b>COAL</b>							
28. PURCHASES:							
29. UNITS (TONS)	57,017	15,000	15,000	15,000	30,000	30,000	319,650
30. UNIT COST (\$/TON)	59.27	59.27	59.27	59.27	59.27	59.27	58.52
31. AMOUNT (\$)	3,379,626	889,110	889,110	889,110	1,778,220	1,778,220	18,707,062
32. BURNED:							
33. UNITS (TONS)	59,450	60,940	60,180	28,920	22,850	42,230	396,204
34. UNIT COST (\$/TON)	70.97	70.77	70.56	70.35	70.83	70.34	78.33
35. AMOUNT (\$)	4,219,114	4,312,681	4,246,528	2,034,424	1,618,459	2,970,432	31,036,456
36. ENDING INVENTORY:							
37. UNITS (TONS)	308,623	262,683	217,503	203,583	210,733	198,503	198,503
38. UNIT COST (\$/TON)	66.31	66.63	67.13	67.17	66.47	66.17	66.17
39. AMOUNT (\$)	20,464,196	17,501,982	14,600,168	13,673,798	14,006,549	13,134,047	13,134,047
40. DAYS SUPPLY:	157	161	177	199	154	113	-
<b>NATURAL GAS</b>							
41. PURCHASES:							
42. UNITS (MCF)	11,035,978	11,636,535	10,634,604	10,278,364	8,993,988	9,641,105	124,676,577
43. UNIT COST (\$/MCF)	3.26	3.35	3.42	3.49	3.80	4.07	3.13
44. AMOUNT (\$)	35,932,027	38,993,496	36,399,752	35,840,810	34,164,416	39,217,050	390,142,909
45. BURNED:							
46. UNITS (MCF)	11,016,735	11,636,535	10,634,604	10,278,364	9,091,264	9,641,105	124,758,371
47. UNIT COST (\$/MCF)	3.25	3.35	3.42	3.48	3.78	4.06	3.13
48. AMOUNT (\$)	35,816,049	38,952,696	36,378,152	35,805,610	34,337,816	39,123,450	390,212,873
49. ENDING INVENTORY:							
50. UNITS (MCF)	389,105	389,105	389,105	389,105	291,829	291,829	291,829
51. UNIT COST (\$/MCF)	2.25	2.35	2.41	2.50	2.74	3.06	3.06
52. AMOUNT (\$)	874,400	915,200	936,800	972,000	798,600	892,200	892,200
53. DAYS SUPPLY:	1	1	1	1	1	1	-
<b>NUCLEAR</b>							
54. BURNED:							
55. UNITS (MMBTU)	0	0	0	0	0	0	0
56. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57. AMOUNT (\$)	0	0	0	0	0	0	0
<b>OTHER</b>							
58. PURCHASES:							
59. UNITS (MMBTU)	0	0	0	0	0	0	0
60. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61. AMOUNT (\$)	0	0	0	0	0	0	0
62. BURNED:							
63. UNITS (MMBTU)	0	0	0	0	0	0	0
64. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65. AMOUNT (\$)	0	0	0	0	0	0	0
66. ENDING INVENTORY:							
67. UNITS (MMBTU)	0	0	0	0	0	0	0
68. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
69. AMOUNT (\$)	0	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 ADJUSTMENT (3) GAS-IGNITION

TAMPA ELECTRIC COMPANY  
POWER SOLD  
ACTUAL FOR THE PERIOD: JANUARY 2020 THROUGH JUNE 2020

SCHEDULE E6

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)		
MONTH	SOLD TO	TYPE & SCHEDULE	MWH			CENTS/KWH		TOTAL \$ FOR FUEL ADJUSTMENT	TOTAL COST	GAINS ON MARKET BASED SALES	
			TOTAL	WHEELED	MWH	(A)	(B)				
			MWH SOLD	FROM OTHER SYSTEMS	FROM OWN GENERATION	FUEL COST	TOTAL COST				
<b>ACTUAL</b>											
Jan-20	SEMINOLE	JURISD.	SCH. - D	3,795.0	0.0	3,795.0	2.121	2.333	80,478.22	88,526.04	4,292.71
	VARIOUS	JURISD.	SCH. - MA	150.0	0.0	150.0	1.409	2.315	2,113.50	3,471.81	1,077.81
	<b>TOTAL</b>			<b>3,945.0</b>	<b>0.0</b>	<b>3,945.0</b>	<b>2.094</b>	<b>2.332</b>	<b>82,591.72</b>	<b>91,997.85</b>	<b>5,370.52</b>
<b>ACTUAL</b>											
Feb-20	SEMINOLE	JURISD.	SCH. - D	3,830.0	0.0	3,830.0	1.559	1.715	59,722.65	65,694.92	4,843.65
	VARIOUS	JURISD.	SCH. - MA	900.0	0.0	900.0	2.019	3.317	18,171.00	29,854.45	10,468.45
	<b>TOTAL</b>			<b>4,730.0</b>	<b>0.0</b>	<b>4,730.0</b>	<b>1.647</b>	<b>2.020</b>	<b>77,893.65</b>	<b>95,549.37</b>	<b>15,312.10</b>
<b>ACTUAL</b>											
Mar-20	SEMINOLE	JURISD.	SCH. - D	3,341.0	0.0	3,341.0	1.441	1.585	48,146.46	52,961.11	3,804.28
	VARIOUS	JURISD.	SCH. - MA	9,946.0	0.0	9,946.0	1.581	2.797	157,201.09	278,170.73	100,897.96
	<b>TOTAL</b>			<b>13,287.0</b>	<b>0.0</b>	<b>13,287.0</b>	<b>1.545</b>	<b>2.492</b>	<b>205,347.55</b>	<b>331,131.84</b>	<b>104,702.24</b>
<b>ACTUAL</b>											
Apr-20	SEMINOLE	JURISD.	SCH. - D	2,824.0	0.0	2,824.0	1.099	1.209	31,045.12	34,149.63	2,332.60
	VARIOUS	JURISD.	SCH. - MA	925.0	0.0	925.0	1.285	0.485	11,886.25	4,486.76	(9,151.24)
	<b>TOTAL</b>			<b>3,749.0</b>	<b>0.0</b>	<b>3,749.0</b>	<b>1.145</b>	<b>1.031</b>	<b>42,931.37</b>	<b>38,636.39</b>	<b>(6,818.64)</b>
<b>ACTUAL</b>											
May-20	SEMINOLE	JURISD.	SCH. - D	3,717.0	0.0	3,717.0	1.239	1.363	46,046.98	50,651.68	3,630.47
	VARIOUS	JURISD.	SCH. - MA	225.0	0.0	225.0	1.271	2.678	2,859.15	6,025.15	2,718.85
	<b>TOTAL</b>			<b>3,942.0</b>	<b>0.0</b>	<b>3,942.0</b>	<b>1.241</b>	<b>1.438</b>	<b>48,906.13</b>	<b>56,676.83</b>	<b>6,349.32</b>
<b>ACTUAL</b>											
Jun-20	SEMINOLE	JURISD.	SCH. - D	2,806.0	0.0	2,806.0	1.112	1.223	31,194.10	34,313.51	2,340.92
	VARIOUS	JURISD.	SCH. - MA	1,254.0	0.0	1,254.0	1.334	2.688	16,733.83	33,705.66	14,395.56
	<b>TOTAL</b>			<b>4,060.0</b>	<b>0.0</b>	<b>4,060.0</b>	<b>1.180</b>	<b>1.675</b>	<b>47,927.93</b>	<b>68,019.17</b>	<b>16,736.48</b>

TAMPA ELECTRIC COMPANY  
POWER SOLD  
ESTIMATED FOR THE PERIOD: JULY 2020 THROUGH DECEMBER 2020

SCHEDULE E6

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)		
MONTH	SOLD TO	TYPE & SCHEDULE	TOTAL MWH SOLD	MWH		CENTS/KWH		TOTAL \$ FOR FUEL ADJUSTMENT	TOTAL COST	GAINS ON MARKET BASED SALES	
				FROM OTHER SYSTEMS	FROM OWN GENERATION	(A) FUEL COST	(B) TOTAL COST				
<b>ESTIMATED</b>											
Jul-20	SEMINOLE	JURISD.	SCH. - D	2,980.0	0.0	2,980.0	2.067	2.656	61,610.00	79,163.00	4,544.00
	VARIOUS	JURISD.	SCH. - MA	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	<b>TOTAL</b>			<b>2,980.0</b>	<b>0.0</b>	<b>2,980.0</b>	<b>2.067</b>	<b>2.656</b>	<b>61,610.00</b>	<b>79,163.00</b>	<b>4,544.00</b>
<b>ESTIMATED</b>											
Aug-20	SEMINOLE	JURISD.	SCH. - D	2,950.0	0.0	2,950.0	2.115	2.667	62,390.00	78,681.00	4,813.00
	VARIOUS	JURISD.	SCH. - MA	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	<b>TOTAL</b>			<b>2,950.0</b>	<b>0.0</b>	<b>2,950.0</b>	<b>2.115</b>	<b>2.667</b>	<b>62,390.00</b>	<b>78,681.00</b>	<b>4,813.00</b>
<b>ESTIMATED</b>											
Sep-20	SEMINOLE	JURISD.	SCH. - D	2,950.0	0.0	2,950.0	2.216	2.674	65,380.00	78,869.00	5,001.00
	VARIOUS	JURISD.	SCH. - MA	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	<b>TOTAL</b>			<b>2,950.0</b>	<b>0.0</b>	<b>2,950.0</b>	<b>2.216</b>	<b>2.674</b>	<b>65,380.00</b>	<b>78,869.00</b>	<b>5,001.00</b>
<b>ESTIMATED</b>											
Oct-20	SEMINOLE	JURISD.	SCH. - D	2,950.0	0.0	2,950.0	2.321	2.681	68,460.00	79,076.00	5,208.00
	VARIOUS	JURISD.	SCH. - MA	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	<b>TOTAL</b>			<b>2,950.0</b>	<b>0.0</b>	<b>2,950.0</b>	<b>2.321</b>	<b>2.681</b>	<b>68,460.00</b>	<b>79,076.00</b>	<b>5,208.00</b>
<b>ESTIMATED</b>											
Nov-20	SEMINOLE	JURISD.	SCH. - D	2,870.0	0.0	2,870.0	2.357	2.684	67,650.00	77,021.00	5,156.00
	VARIOUS	JURISD.	SCH. - MA	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	<b>TOTAL</b>			<b>2,870.0</b>	<b>0.0</b>	<b>2,870.0</b>	<b>2.357</b>	<b>2.684</b>	<b>67,650.00</b>	<b>77,021.00</b>	<b>5,156.00</b>
<b>ESTIMATED</b>											
Dec-20	SEMINOLE	JURISD.	SCH. - D	2,950.0	0.0	2,950.0	2.428	2.688	71,630.00	79,297.00	5,429.00
	VARIOUS	JURISD.	SCH. - MA	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	<b>TOTAL</b>			<b>2,950.0</b>	<b>0.0</b>	<b>2,950.0</b>	<b>2.428</b>	<b>2.688</b>	<b>71,630.00</b>	<b>79,297.00</b>	<b>5,429.00</b>
<b>TOTAL</b>											
Jan-20	SEMINOLE	JURISD.	SCH. - D	37,963.0	0.0	37,963.0	1.827	2.103	693,753.53	798,403.89	51,395.63
THRU	VARIOUS	JURISD.	SCH. - MA	13,400.0	0.0	13,400.0	1.559	2.655	208,964.82	355,714.56	120,407.39
Dec-20	<b>TOTAL</b>			<b>51,363.0</b>	<b>0.0</b>	<b>51,363.0</b>	<b>1.758</b>	<b>2.247</b>	<b>902,718.35</b>	<b>1,154,118.45</b>	<b>171,803.02</b>

TAMPA ELECTRIC COMPANY  
 PURCHASED POWER  
 (EXCLUSIVE OF ECONOMY AND QUALIFYING FACILITIES)  
 ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2020 THROUGH DECEMBER 2020

SCHEDULE E7

(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		
							ACTUAL	Jan-20		VARIOUS VARIOUS TOTAL
ACTUAL	Feb-20	VARIOUS VARIOUS TOTAL	SCH. - J OATT	0.0 (276.0) (276.0)	0.0 0.0 0.0	0.0 0.0 0.0	0.0 (276.0) (276.0)	0.000 1.383 1.383	0.000 1.383 1.383	0.00 (3,816.90) (3,816.90)
ACTUAL	Mar-20	VARIOUS VARIOUS TOTAL	SCH. - J OATT	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.000 0.000 0.000	0.000 0.000 0.000	0.00 0.00 0.00
ACTUAL	Apr-20	VARIOUS VARIOUS TOTAL	SCH. - J OATT	3,969.0 583.0 4,552.0	0.0 0.0 0.0	0.0 0.0 0.0	3,969.0 583.0 4,552.0	2.630 4.315 2.846	2.630 4.315 2.846	104,402.93 25,158.40 129,561.33
ACTUAL	May-20	VARIOUS VARIOUS TOTAL	SCH. - J OATT	0.0 1,888.0 1,888.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 1,888.0 1,888.0	0.000 4.160 4.160	0.000 4.160 4.160	0.00 78,533.56 78,533.56
ACTUAL	Jun-20	VARIOUS VARIOUS TOTAL	SCH. - J OATT	0.0 1,527.0 1,527.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 1,527.0 1,527.0	0.000 4.697 4.697	0.000 4.697 4.697	0.00 71,724.60 71,724.60
ESTIMATED	Jul-20	VARIOUS VARIOUS TOTAL	SCH. - J OATT	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.000 0.000 0.000	0.000 0.000 0.000	0.00 0.00 0.00
ESTIMATED	Aug-20	VARIOUS VARIOUS TOTAL	SCH. - J OATT	1,000.0 0.0 1,000.0	0.0 0.0 0.0	0.0 0.0 0.0	1,000.0 0.0 1,000.0	4.226 0.000 4.226	4.226 0.000 4.226	42,260.00 0.00 42,260.00
ESTIMATED	Sep-20	VARIOUS VARIOUS TOTAL	SCH. - J OATT	1,250.0 0.0 1,250.0	0.0 0.0 0.0	0.0 0.0 0.0	1,250.0 0.0 1,250.0	4.290 0.000 4.290	4.290 0.000 4.290	53,630.00 0.00 53,630.00
ESTIMATED	Oct-20	VARIOUS VARIOUS TOTAL	SCH. - J OATT	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.000 0.000 0.000	0.000 0.000 0.000	0.00 0.00 0.00
ESTIMATED	Nov-20	VARIOUS VARIOUS TOTAL	SCH. - J OATT	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.000 0.000 0.000	0.000 0.000 0.000	0.00 0.00 0.00
ESTIMATED	Dec-20	VARIOUS VARIOUS TOTAL	SCH. - J OATT	14,700.0 0.0 14,700.0	0.0 0.0 0.0	0.0 0.0 0.0	14,700.0 0.0 14,700.0	3.777 0.000 3.777	3.777 0.000 3.777	555,160.00 0.00 555,160.00
TOTAL	Jan-20 THRU Dec-20	VARIOUS VARIOUS TOTAL	SCH. - J OATT	20,919.0 3,818.0 24,737.0	0.0 0.0 0.0	0.0 0.0 0.0	20,919.0 3,818.0 24,737.0	3.611 4.567 3.759	3.611 4.567 3.759	755,452.93 174,367.06 929,819.99



TAMPA ELECTRIC COMPANY  
 ENERGY PAYMENT TO QUALIFYING FACILITIES  
 ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2020 THROUGH DECEMBER 2020

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	
ACTUAL Jan-20	VARIOUS	CO-GEN. NET METERING AS AVAIL.	0.2 4,103.0	0.0 0.0	0.0 0.0	0.2 4,103.0	2.532 2.162	2.532 2.162	3.95 88,709.94
	TOTAL		4,103.2	0.0	0.0	4,103.2	2.162	2.162	88,713.89
ACTUAL Feb-20	VARIOUS	CO-GEN. NET METERING AS AVAIL.	2,161.1 14,263.0	0.0 0.0	0.0 0.0	2,161.1 14,263.0	2.207 1.708	2.207 1.708	47,698.91 243,642.84
	TOTAL		16,424.1	0.0	0.0	16,424.1	1.774	1.774	291,341.75
ACTUAL Mar-20	VARIOUS	CO-GEN. NET METERING AS AVAIL.	9.6 10,779.0	0.0 0.0	0.0 0.0	9.6 10,779.0	2.208 1.586	2.208 1.586	211.43 170,966.67
	TOTAL		10,788.6	0.0	0.0	10,788.6	1.587	1.587	171,178.10
ACTUAL Apr-20	VARIOUS	CO-GEN. NET METERING AS AVAIL.	6.7 17,373.0	0.0 0.0	0.0 0.0	6.7 17,373.0	2.208 1.254	2.208 1.254	147.89 217,879.36
	TOTAL		17,379.7	0.0	0.0	17,379.7	1.254	1.254	218,027.25
ACTUAL May-20	VARIOUS	CO-GEN. NET METERING AS AVAIL.	3.7 8,772.0	0.0 0.0	0.0 0.0	3.7 8,772.0	2.208 1.371	2.208 1.371	81.49 120,254.21
	TOTAL		8,775.7	0.0	0.0	8,775.7	1.371	1.371	120,335.70
ACTUAL Jun-20	VARIOUS	CO-GEN. NET METERING AS AVAIL.	16.8 8,124.0	0.0 0.0	0.0 0.0	16.8 8,124.0	2.208 1.317	2.208 1.317	371.18 107,017.28
	TOTAL		8,140.8	0.0	0.0	8,140.8	1.319	1.319	107,388.46
ESTIMATED Jul-20	VARIOUS	CO-GEN. NET METERING AS AVAIL.	0.0 7,300.0	0.0 0.0	0.0 0.0	0.0 7,300.0	0.000 2.594	0.000 2.594	0.00 189,360.00
	TOTAL		7,300.0	0.0	0.0	7,300.0	2.594	2.594	189,360.00
ESTIMATED Aug-20	VARIOUS	CO-GEN. NET METERING AS AVAIL.	0.0 7,170.0	0.0 0.0	0.0 0.0	0.0 7,170.0	0.000 2.955	0.000 2.955	0.00 211,880.00
	TOTAL		7,170.0	0.0	0.0	7,170.0	2.955	2.955	211,880.00
ESTIMATED Sep-20	VARIOUS	CO-GEN. NET METERING AS AVAIL.	0.0 7,460.0	0.0 0.0	0.0 0.0	0.0 7,460.0	0.000 2.612	0.000 2.612	0.00 194,840.00
	TOTAL		7,460.0	0.0	0.0	7,460.0	2.612	2.612	194,840.00
ESTIMATED Oct-20	VARIOUS	CO-GEN. NET METERING AS AVAIL.	0.0 7,330.0	0.0 0.0	0.0 0.0	0.0 7,330.0	0.000 2.701	0.000 2.701	0.00 198,000.00
	TOTAL		7,330.0	0.0	0.0	7,330.0	2.701	2.701	198,000.00
ESTIMATED Nov-20	VARIOUS	CO-GEN. NET METERING AS AVAIL.	0.0 7,250.0	0.0 0.0	0.0 0.0	0.0 7,250.0	0.000 2.700	0.000 2.700	0.00 195,750.00
	TOTAL		7,250.0	0.0	0.0	7,250.0	2.700	2.700	195,750.00
ESTIMATED Dec-20	VARIOUS	CO-GEN. NET METERING AS AVAIL.	0.0 7,200.0	0.0 0.0	0.0 0.0	0.0 7,200.0	0.000 2.330	0.000 2.330	0.00 167,730.00
	TOTAL		7,200.0	0.0	0.0	7,200.0	2.330	2.330	167,730.00
TOTAL Jan-20 THRU Dec-20	VARIOUS	CO-GEN. NET METERING AS AVAIL.	2,198.0 107,124.0	0.0 0.0	0.0 0.0	2,198.0 107,124.0	2.207 1.966	2.207 1.966	48,514.85 2,106,030.30
	TOTAL		109,322.0	0.0	0.0	109,322.0	1.971	1.971	2,154,545.15

TAMPA ELECTRIC COMPANY  
 ECONOMY ENERGY PURCHASES  
 ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2020 THROUGH DECEMBER 2020

SCHEDULE E9

(1) MONTH	(2) PURCHASED FROM	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR INTERRUPTIBLE	(6) MWH FOR FIRM	(7) TRANSACTION COST cents/KWH	(8) TOTAL \$ FOR FUEL ADJUSTMENT	(9) COST IF GENERATED		(10) FUEL SAVINGS (9B)-(8)
								(A) CENTS PER KWH	(B) DOLLARS	
<b>ACTUAL</b>	VARIOUS	SCH. - J	8,366.0	0.0	8,366.0	3.759	314,502.80	3.808	318,546.00	4,043.20
<b>Jan-20</b>	<b>TOTAL</b>		<b>8,366.0</b>	<b>0.0</b>	<b>8,366.0</b>	<b>3.759</b>	<b>314,502.80</b>	<b>3.808</b>	<b>318,546.00</b>	<b>4,043.20</b>
<b>ACTUAL</b>	VARIOUS	SCH. - J	9,063.0	0.0	9,063.0	2.873	260,336.62	2.993	271,282.37	10,945.75
<b>Feb-20</b>	<b>TOTAL</b>		<b>9,063.0</b>	<b>0.0</b>	<b>9,063.0</b>	<b>2.873</b>	<b>260,336.62</b>	<b>2.993</b>	<b>271,282.37</b>	<b>10,945.75</b>
<b>ACTUAL</b>	VARIOUS	SCH. - J	11,672.0	0.0	11,672.0	3.798	443,296.06	4.199	490,108.06	46,812.00
<b>Mar-20</b>	<b>TOTAL</b>		<b>11,672.0</b>	<b>0.0</b>	<b>11,672.0</b>	<b>3.798</b>	<b>443,296.06</b>	<b>4.199</b>	<b>490,108.06</b>	<b>46,812.00</b>
<b>ACTUAL</b>	VARIOUS	SCH. - J	144,703.0	0.0	144,703.0	2.705	3,913,921.67	2.986	4,321,196.57	407,274.90
<b>Apr-20</b>	<b>TOTAL</b>		<b>144,703.0</b>	<b>0.0</b>	<b>144,703.0</b>	<b>2.705</b>	<b>3,913,921.67</b>	<b>2.986</b>	<b>4,321,196.57</b>	<b>407,274.90</b>
<b>ACTUAL</b>	VARIOUS	SCH. - J	337,957.0	0.0	337,957.0	2.729	9,221,265.73	3.108	10,504,286.15	1,283,020.42
<b>May-20</b>	<b>TOTAL</b>		<b>337,957.0</b>	<b>0.0</b>	<b>337,957.0</b>	<b>2.729</b>	<b>9,221,265.73</b>	<b>3.108</b>	<b>10,504,286.15</b>	<b>1,283,020.42</b>
<b>ACTUAL</b>	VARIOUS	SCH. - J	316,903.0	0.0	316,903.0	2.738	8,677,950.30	3.017	9,561,240.75	883,290.45
<b>Jun-20</b>	<b>TOTAL</b>		<b>316,903.0</b>	<b>0.0</b>	<b>316,903.0</b>	<b>2.738</b>	<b>8,677,950.30</b>	<b>3.017</b>	<b>9,561,240.75</b>	<b>883,290.45</b>
<b>ESTIMATED</b>	VARIOUS	SCH. - J	217,080.0	0.0	217,080.0	2.912	6,321,920.00	3.569	7,747,540.00	1,425,620.00
<b>Jul-20</b>	<b>TOTAL</b>		<b>217,080.0</b>	<b>0.0</b>	<b>217,080.0</b>	<b>2.912</b>	<b>6,321,920.00</b>	<b>3.569</b>	<b>7,747,540.00</b>	<b>1,425,620.00</b>
<b>ESTIMATED</b>	VARIOUS	SCH. - J	218,930.0	0.0	218,930.0	2.929	6,412,980.00	3.283	7,187,730.00	774,750.00
<b>Aug-20</b>	<b>TOTAL</b>		<b>218,930.0</b>	<b>0.0</b>	<b>218,930.0</b>	<b>2.929</b>	<b>6,412,980.00</b>	<b>3.283</b>	<b>7,187,730.00</b>	<b>774,750.00</b>
<b>ESTIMATED</b>	VARIOUS	SCH. - J	211,380.0	0.0	211,380.0	2.932	6,198,510.00	3.778	7,986,290.00	1,787,780.00
<b>Sep-20</b>	<b>TOTAL</b>		<b>211,380.0</b>	<b>0.0</b>	<b>211,380.0</b>	<b>2.932</b>	<b>6,198,510.00</b>	<b>3.778</b>	<b>7,986,290.00</b>	<b>1,787,780.00</b>
<b>ESTIMATED</b>	VARIOUS	SCH. - J	225,790.0	0.0	225,790.0	2.979	6,726,330.00	3.778	8,531,350.00	1,805,020.00
<b>Oct-20</b>	<b>TOTAL</b>		<b>225,790.0</b>	<b>0.0</b>	<b>225,790.0</b>	<b>2.979</b>	<b>6,726,330.00</b>	<b>3.778</b>	<b>8,531,350.00</b>	<b>1,805,020.00</b>
<b>ESTIMATED</b>	VARIOUS	SCH. - J	155,330.0	0.0	155,330.0	2.865	4,450,850.00	3.589	5,574,030.00	1,123,180.00
<b>Nov-20</b>	<b>TOTAL</b>		<b>155,330.0</b>	<b>0.0</b>	<b>155,330.0</b>	<b>2.865</b>	<b>4,450,850.00</b>	<b>3.589</b>	<b>5,574,030.00</b>	<b>1,123,180.00</b>
<b>ESTIMATED</b>	VARIOUS	SCH. - J	4,450.0	0.0	4,450.0	4.320	192,260.00	29.418	1,309,090.00	1,116,830.00
<b>Dec-20</b>	<b>TOTAL</b>		<b>4,450.0</b>	<b>0.0</b>	<b>4,450.0</b>	<b>4.320</b>	<b>192,260.00</b>	<b>29.418</b>	<b>1,309,090.00</b>	<b>1,116,830.00</b>
<b>TOTAL</b>										
<b>Jan-20</b>										
<b>THRU</b>	VARIOUS	SCH. - J	1,861,624.0	0.0	1,861,624.0	2.854	53,134,123.18	3.427	63,802,689.90	10,668,566.72
<b>Dec-20</b>	<b>TOTAL</b>		<b>1,861,624.0</b>	<b>0.0</b>	<b>1,861,624.0</b>	<b>2.854</b>	<b>53,134,123.18</b>	<b>3.427</b>	<b>63,802,689.90</b>	<b>10,668,566.72</b>

**EXHIBIT TO THE TESTIMONY OF**

**M. ASHLEY SIZEMORE**

**DOCUMENT NO. 2**

**CAPACITY COST RECOVERY**

**ACTUAL / ESTIMATED**

**JANUARY 2020 THROUGH DECEMBER 2020**

TAMPA ELECTRIC COMPANY  
CAPACITY COST RECOVERY  
CALCULATION OF THE CURRENT (ACTUAL/ESTIMATED) PERIOD TRUE-UP  
JANUARY 2020 THROUGH DECEMBER 2020

1.	ACTUAL/ESTIMATED OVER/(UNDER) RECOVERY FOR THE CURRENT PERIOD JANUARY 2020 THROUGH DECEMBER 2020	5,881,726
2.	FINAL OVER/(UNDER) RECOVERY FOR JANUARY 2019 THROUGH DECEMBER 2019 INCLUDED IN 2020	(2,067,989)
3.	PROJECTED OVER/(UNDER) RECOVERY TRUE-UP INCLUDED IN JUNE - DECEMBER 2020 FACTORS (Per Mid-Course Petition, Exhibit D, Page 1 of 2, Line 15)	(2,938,707)
4.	PROJECTED OVER/(UNDER) RECOVERY TRUE-UP INCLUDED IN JANUARY - MAY 2020 FACTORS (Per Mid-Course Petition, Exhibit E, Page 5 of 6, Line 8)	<u>908,005</u>
5.	MID-COURSE TRUE-UP OVER/(UNDER) RECOVERY FOR THE CURRENT PERIOD JANUARY 2020 THROUGH DECEMBER 2020 (SUM OF LINES 2 - 4)	(4,098,691)
6.	CURRENT PERIOD TRUE-UP AMOUNT TO BE REFUNDED/(RECOVERED) IN THE PROJECTION PERIOD JANUARY 2021 THROUGH DECEMBER 2021 (LINE 1 + LINE 5)	<u><u>1,783,035</u></u>

**TAMPA ELECTRIC COMPANY  
CAPACITY COST RECOVERY CLAUSE  
CALCULATION OF ACTUAL/ESTIMATED TRUE-UP AMOUNT  
JANUARY 2020 THROUGH DECEMBER 2020**

	Actual Jan-20	Actual Feb-20	Actual Mar-20	Actual Apr-20	Actual May-20	Actual Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	Total
1 UNIT POWER CAPACITY CHARGES	497,430	343,840	10,262	693,766	662,599	916,608	259,000	259,000	259,000	0	0	1,473,600	5,375,105
2 CAPACITY PAYMENTS TO COGENERATORS	0	0	0	0	0	0	0	0	0	0	0	0	0
3 (UNIT POWER CAPACITY REVENUES)	(89,627)	(69,063)	(86,007)	(82,178)	(81,226)	(69,792)	(79,649)	(79,649)	(79,649)	(79,649)	(79,649)	(79,649)	(955,787)
4 TOTAL CAPACITY DOLLARS	407,803	274,777	(75,745)	611,588	581,373	846,816	179,351	179,351	179,351	(79,649)	(79,649)	1,393,951	4,419,318
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	407,803	274,777	(75,745)	611,588	581,373	846,816	179,351	179,351	179,351	(79,649)	(79,649)	1,393,951	4,419,318
7 CAPACITY COST RECOVERY REVENUES (Net of Revenue Taxes)	120,339	117,655	116,622	131,999	132,306	(189,542)	(197,383)	(200,498)	(202,440)	(187,250)	(158,175)	(149,165)	(665,532)
8 PRIOR PERIOD TRUE-UP PROVISION	(181,601)	(181,601)	(181,601)	(181,601)	(181,601)	419,815	419,815	419,815	419,815	419,815	419,815	419,817	2,030,702
9 CAPACITY COST RECOVERY REVENUES APPLICABLE TO CURRENT PERIOD (Net of Revenue Taxes)	(61,262)	(63,946)	(64,979)	(49,602)	(49,295)	230,273	222,432	219,317	217,375	232,565	261,640	270,652	1,365,170
10 TRUE-UP PROVISION FOR MONTH OVER/(UNDER) RECOVERY (Line 9 - Line 6)	(469,065)	(338,723)	10,766	(661,190)	(630,668)	(616,543)	43,081	39,966	38,024	312,214	341,289	(1,123,299)	(3,054,148)
11 INTEREST PROVISION FOR MONTH	(3,096)	(12)	3,826	2,182	110	250	891	1,305	1,184	1,106	1,076	817	9,639
12 ADJ - SOBRA 1 TRUE-UP IN FEBRUARY AND WIMAUMA SOBRA REFUND IN JUNE	0	4,856,329	0	0	0	4,069,905	0	0	0	0	0	0	8,926,235
13 TRUE-UP AND INT. PROVISION BEGINNING OF MONTH - OVER/(UNDER) RECOVERY	(2,067,989)	(2,358,549)	2,340,646	2,536,839	2,059,432	1,610,475	4,644,273	4,268,430	3,889,886	3,509,279	3,402,784	3,325,334	(2,067,989)
14 PRIOR PERIOD TRUE-UP PROVISION COLLECTED/(REFUNDED) THIS MONTH	181,601	181,601	181,601	181,601	181,601	(419,815)	(419,815)	(419,815)	(419,815)	(419,815)	(419,815)	(419,817)	(2,030,702)
15 END OF PERIOD TRUE-UP - OVER/(UNDER) RECOVERY ( SUM OF LINES 10 - 14)	<b>(2,358,549)</b>	<b>2,340,646</b>	<b>2,536,839</b>	<b>2,059,432</b>	<b>1,610,475</b>	<b>4,644,273</b>	<b>4,268,430</b>	<b>3,889,886</b>	<b>3,509,279</b>	<b>3,402,784</b>	<b>3,325,334</b>	<b>1,783,035</b>	<b>1,783,035</b>

TAMPA ELECTRIC COMPANY  
CAPACITY COST RECOVERY CLAUSE  
CALCULATION OF ACTUAL/ESTIMATED TRUE-UP AMOUNT  
JANUARY 2020 THROUGH DECEMBER 2020

	Actual Jan-20	Actual Feb-20	Actual Mar-20	Actual Apr-20	Actual May-20	Actual Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	Total
1 BEGINNING TRUE-UP AMOUNT	(2,067,989)	(2,358,549)	2,340,646	2,536,839	2,059,432	1,610,475	4,644,273	4,268,430	3,889,886	3,509,279	3,402,784	3,325,334	(2,067,989)
2 ENDING TRUE-UP AMOUNT BEFORE INTEREST	(2,355,453)	2,340,658	2,533,013	2,057,250	1,610,365	4,644,023	4,267,539	3,888,581	3,508,095	3,401,678	3,324,258	1,782,218	(7,152,839)
3 TOTAL BEGINNING & ENDING TRUE-UP AMT. ( LINE 1 + LINE 2 )	(4,423,442)	(17,891)	4,873,660	4,594,090	3,669,798	6,254,498	8,911,811	8,157,010	7,397,980	6,910,956	6,727,041	5,107,551	(9,220,828)
4 AVERAGE TRUE-UP AMOUNT ( 50% OF LINE 3 )	(2,211,721)	(8,945)	2,436,830	2,297,045	1,834,899	3,127,249	4,455,906	4,078,505	3,698,990	3,455,478	3,363,521	2,553,776	(4,610,414)
5 INTEREST RATE % - 1ST DAY OF MONTH	1.710	1.640	1.560	2.210	0.060	0.080	0.110	0.380	0.380	0.380	0.380	0.380	NA
6 INTEREST RATE % - 1ST DAY OF NEXT MONTH	1.640	1.560	2.210	0.060	0.080	0.110	0.380	0.380	0.380	0.380	0.380	0.380	NA
7 TOTAL ( LINE 5 + LINE 6 )	3.350	3.200	3.770	2.270	0.140	0.190	0.490	0.760	0.760	0.760	0.760	0.760	NA
8 AVERAGE INTEREST RATE % ( 50% OF LINE 7 )	1.675	1.600	1.885	1.135	0.070	0.095	0.245	0.380	0.380	0.380	0.380	0.380	NA
9 MONTHLY AVERAGE INTEREST RATE % ( LINE 8/12 )	0.140	0.133	0.157	0.095	0.006	0.008	0.020	0.032	0.032	0.032	0.032	0.032	NA
10 INTEREST PROVISION ( LINE 4 X LINE 9 )	(3,096)	(12)	3,826	2,182	110	250	891	1,305	1,184	1,106	1,076	817	9,639

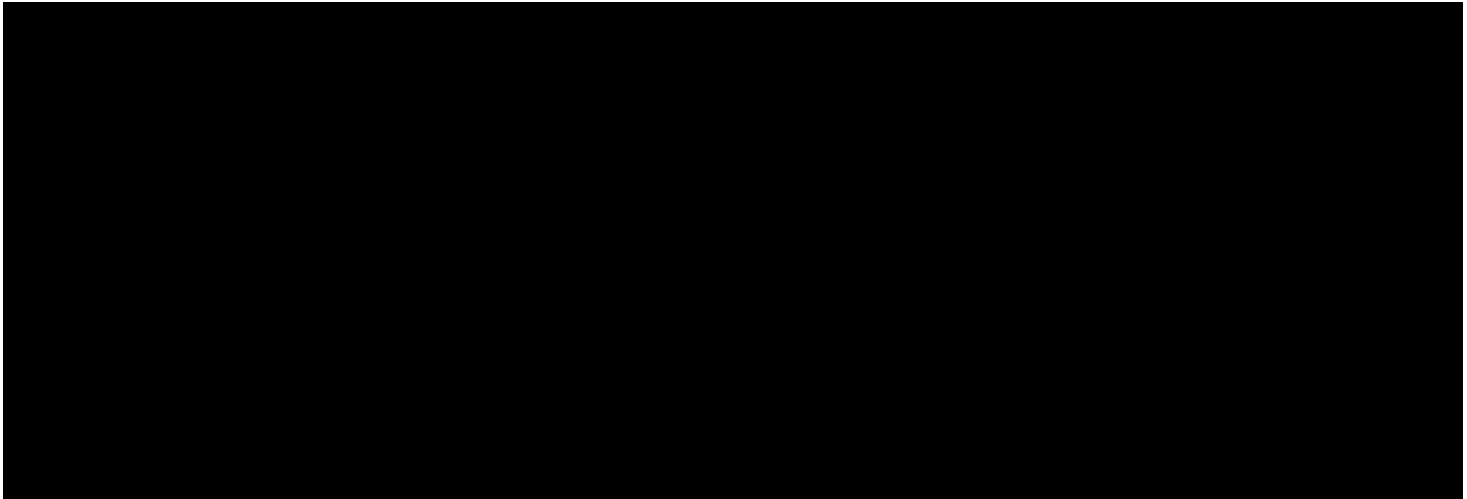
TAMPA ELECTRIC COMPANY  
CAPACITY COSTS  
ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2020 THROUGH DECEMBER 2021

CONTRACT	TERM		CONTRACT TYPE	
	START	END		
SEMINOLE ELECTRIC **	6/1/1992	-----	LT	<b>QF = QUALIFYING FACILITY</b> <b>LT = LONG TERM</b> <b>ST = SHORT-TERM</b> <b>** THREE YEAR NOTICE REQUIRED FOR TERMINATION.</b>
FLORIDA MUNICIPAL POWER AGENCY	12/1/2019	2/29/2020	ST	
FLORIDA MUNICIPAL POWER AGENCY	7/1/2020	9/30/2020	ST	
FLORIDA MUNICIPAL POWER AGENCY	12/1/2020	2/28/2021	ST	
ORLANDO UTILITIES COMMISSION	12/1/2020	2/28/2021	ST	
FLORIDA POWER & LIGHT	12/1/2020	2/28/2021	ST	

CONTRACT	ACT	ACT	ACT	ACT	ACT	ACT	EST	EST	EST	EST	EST	EST
	JANUARY MW	FEBRUARY MW	MARCH MW	APRIL MW	MAY MW	JUNE MW	JULY MW	AUGUST MW	SEPTEMBER MW	OCTOBER MW	NOVEMBER MW	DECEMBER MW
SEMINOLE ELECTRIC		9.5	8.8	5.0	10.0	10.5	8.5	2.0	2.0	2.0	2.0	2.0
FLORIDA MUNICIPAL POWER AGENCY		88.0	100.0	-	-	-	-	74.0	74.0	74.0	-	-
ORLANDO UTILITIES COMMISSION		-	-	-	-	-	-	-	-	-	-	100.0
FLORIDA POWER & LIGHT		-	-	-	-	-	-	-	-	-	-	160.0
<b>CAPACITY</b>	<b>(\$)</b>	<b>(\$)</b>	<b>(\$)</b>	<b>(\$)</b>	<b>(\$)</b>	<b>(\$)</b>	<b>(\$)</b>	<b>(\$)</b>	<b>(\$)</b>	<b>(\$)</b>	<b>(\$)</b>	<b>(\$)</b>

FLORIDA POWER & LIGHT  
 DUKE ENERGY FLORIDA  
 FLORIDA MUNICIPAL POWER AGENCY  
 ORLANDO UTILITIES COMMISSION  
 JACKSONVILLE ELECTRIC AUTHORITY  
**SUBTOTAL CAPACITY PURCHASES**

SEMINOLE ELECTRIC - D  
 VARIOUS - MA  
 CITY OF TALLAHASSEE - MA  
 DUKE ENERGY FLORIDA - MA  
 FLORIDA POWER & LIGHT - MA  
 ORLANDO UTILITIES COMMISSION - MA  
 THE ENERGY AUTHORITY - MA  
 MORGAN STANLEY - MA  
 SOUTHERN CO - MA  
**SUBTOTAL CAPACITY SALES**



<b>TOTAL PURCHASES AND (SALES)</b>	<b>407,803</b>	<b>274,777</b>	<b>(75,745)</b>	<b>611,588</b>	<b>581,373</b>	<b>846,816</b>	<b>179,351</b>	<b>179,351</b>	<b>179,351</b>	<b>(79,649)</b>	<b>(79,649)</b>	<b>1,393,951</b>	<b>4,069,318</b>
<b>TOTAL CAPACITY</b>	<b>407,803</b>	<b>274,777</b>	<b>(75,745)</b>	<b>611,588</b>	<b>581,373</b>	<b>846,816</b>	<b>179,351</b>	<b>179,351</b>	<b>179,351</b>	<b>(79,649)</b>	<b>(79,649)</b>	<b>1,393,951</b>	<b>4,069,318</b>

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**EXHIBIT TO THE TESTIMONY OF  
M. ASHLEY SIZEMORE**

**DOCUMENT NO. 3**

**CAPITAL PROJECTS APPROVED FOR  
FUEL CLAUSE RECOVERY**

**JANUARY 2020 - DECEMBER 2020**



**BIG BEND UNITS 1-4 IGNITERS CONVERSION TO NATURAL GAS  
SCHEDULE OF DEPRECIATION AND RETURN  
FOR THE PERIOD JANUARY 2020 THROUGH DECEMBER 2020**

	ACTUAL JANUARY	ACTUAL FEBRUARY	ACTUAL MARCH	ACTUAL APRIL	ACTUAL MAY	ESTIMATE JUNE	ESTIMATE JULY	ESTIMATE AUGUST	ESTIMATE SEPTEMBER	ESTIMATE OCTOBER	ESTIMATE NOVEMBER	ESTIMATE DECEMBER	TOTAL
1 BEGINNING BALANCE	\$20,910,348	\$20,910,348	\$20,910,348	\$20,910,348	\$20,910,348								\$20,910,348
2 ADD INVESTMENT: Big Bend Unit 3 (Jan 2015)	-	-	-	-	-								-
2a ADD INVESTMENT: Big Bend Unit 4 (May 2015)	-	-	-	-	-								-
2b ADD INVESTMENT: Big Bend Unit 2 (June 2015)	-	-	-	-	-								-
2c 2015)	-	-	-	-	-								-
3 LESS RETIREMENTS	-	-	-	-	-								-
4 ENDING BALANCE	\$20,910,348	\$20,910,348	\$20,910,348	\$20,910,348	\$20,910,348								\$20,910,348
5													
6													
7 AVERAGE BALANCE	\$20,910,348	\$20,910,348	\$20,910,348	\$20,910,348	\$20,910,348								
8 DEPRECIATION RATE	1.666667%	1.666667%	1.666667%	1.666667%	1.666667%								
9 DEPRECIATION EXPENSE	\$348,506	\$348,506	\$348,506	\$348,506	\$238,475								\$1,632,499
10 LESS RETIREMENTS	-	-	-	-	-								-
11 BEGINNING BALANCE DEPRECIATION	\$19,277,850	\$19,626,355	\$19,974,861	\$20,323,367	\$20,671,873								\$19,277,850
12 ENDING BALANCE DEPRECIATION	\$19,626,355	\$19,974,861	\$20,323,367	\$20,671,873	\$20,910,348								\$20,910,348
13													
14													
15 ENDING NET INVESTMENT	\$1,283,993	\$935,487	\$586,981	\$238,475	-								-
16													
17													
18 AVERAGE INVESTMENT	\$1,458,246	\$1,109,740	\$761,234	\$412,728	\$119,238								
19 ALLOWED EQUITY RETURN	.37413%	.37413%	.37413%	.37413%	.37413%								
20 EQUITY COMPONENT AFTER-TAX	\$5,456	\$4,152	\$2,848	\$1,544	\$446								\$14,446
21 CONVERSION TO PRE-TAX	1.32830	1.32830	1.32830	1.32830	1.32830								
22 EQUITY COMPONENT PRE-TAX	\$7,247	\$5,515	\$3,783	\$2,051	\$592								\$19,188
23													
24 ALLOWED DEBT RETURN	.14474%	.14474%	.14474%	.14474%	.14474%								
25 DEBT COMPONENT	\$2,111	\$1,606	\$1,102	\$597	\$173								\$5,589
26 TAX REFORM TRUEUP													
27 TOTAL RETURN REQUIREMENTS	\$9,358	\$7,121	\$4,885	\$2,648	\$765								\$24,777
28 PRIOR MONTH TRUE-UP													
29 TOTAL DEPRECIATION & RETURN	\$357,864	\$355,627	\$353,391	\$351,154	\$239,240								\$1,657,276
30													
31 ESTIMATED FUEL SAVINGS	\$226,880	\$100,996	\$338,796	\$15,142	\$481,133	\$925,295	\$204,795	\$452,378	\$405,340	\$829,055	\$628,863	\$255,886	\$4,864,559
32 TOTAL DEPRECIATION & RETURN	\$357,864	\$355,627	\$353,391	\$351,154	\$239,240								\$1,657,276
33 NET BENEFIT (COST) TO RATEPAYER	(\$130,984)	(\$254,631)	(\$14,594)	(\$336,012)	\$241,893	\$925,295	\$204,795	\$452,378	\$405,340	\$829,055	\$628,863	\$255,886	\$3,207,284

34 DEPRECIATION EXPENSE IS CALCULATED BASED UPON A FIVE YEAR PERIOD.

35 RETURN ON AVERAGE INVESTMENT IS CALCULATED FOR JANUARY - MAY USING AN ANNUAL RATE OF 7.7004% (EQUITY 5.9635% , DEBT 1.7369%). RATES ARE BASED ON THE MAY 2019 SURVEILLANCE REPORT PER THE WACC STIPULATION & SETTLEMENT AGREEMENT (JULY 17, 2012).

36 THE RETURN REQUIREMENT FOR JANUARY - DECEMBER IS CALCULATED BASED UPON A COMBINED STATUTORY RATE OF 24.522%

37 ZERO PROJECTED GENERATION RESULTS IN ZERO ESTIMATED FUEL SAVINGS FOR THAT MONTH.

**Tampa Electric Company**  
**Calculation of Revenue Requirement Rate of Return**  
**For Cost Recovery Clauses**  
**January 2020 to June 2020**

	(1) Jurisdictional Rate Base Actual May 2019 Capital Structure (\$000)	(2) Ratio %	(3) Cost Rate %	(4) Weighted Cost Rate %
Long Term Debt	\$ 1,897,597	31.57%	4.89%	1.5435%
Short Term Debt	211,895	3.52%	2.97%	0.1047%
Preferred Stock	0	0.00%	0.00%	0.0000%
Customer Deposits	94,966	1.58%	2.38%	0.0376%
Common Equity	2,598,065	43.22%	10.25%	4.4297%
Accum. Deferred Inc. Taxes & Zero Cost ITC's	1,125,550	18.72%	0.00%	0.0000%
Deferred ITC - Weighted Cost	<u>83,633</u>	<u>1.39%</u>	7.98%	<u>0.1110%</u>
<b>Total</b>	<b>\$ <u>6,011,707</u></b>	<b><u>100.00%</u></b>		<b><u>6.23%</u></b>

**ITC split between Debt and Equity:**

Long Term Debt	\$ 1,897,597	Long Term Debt	46.00%
Equity - Preferred	0	Equity - Preferred	0.00%
Equity - Common	<u>2,598,065</u>	Equity - Common	<u>54.00%</u>
<b>Total</b>	<b>\$ <u>4,495,662</u></b>	<b>Total</b>	<b><u>100.00%</u></b>

**Deferred ITC - Weighted Cost:**

Debt = 0.1110% * 46.00%	0.0511%
Equity = 0.1110% * 54.00%	<u>0.0599%</u>
Weighted Cost	<u>0.1110%</u>

**Total Equity Cost Rate:**

Preferred Stock	0.0000%
Common Equity	4.4297%
Deferred ITC - Weighted Cost	<u>0.0599%</u>
	4.4896%
Times Tax Multiplier	1.32830
Total Equity Component	<u>5.9635%</u>

**Total Debt Cost Rate:**

Long Term Debt	1.5435%
Short Term Debt	0.1047%
Customer Deposits	0.0376%
Deferred ITC - Weighted Cost	<u>0.0511%</u>
Total Debt Component	<u>1.7369%</u>
	<u><u>7.7004%</u></u>

**Notes:**

Column (1) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2017 Base Rates Settlement Agreement Dated September 27, 2017.  
 Column (2) - Column (1) / Total Column (1)  
 Column (3) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2017 Base Rates Settlement Agreement Dated September 27, 2017.  
 Column (4) - Column (2) x Column (3)

**EXHIBIT TO THE TESTIMONY OF  
M. ASHLEY SIZEMORE**

**DOCUMENT NO. 4**

**LAKE HANCOCK STIPULATED ISSUE  
FUEL SAVINGS**

**JANUARY 2020 - DECEMBER 2020**

Lake Hancock Stipulated Issue Fuel Savings

In-service Date: 4/25/2019

	2019											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1. Sun Select Generation (MWh)	-	-	-	377	4,276	1,925	2,232	2,467	3,300	2,535	2,198	1,544
2. Sun Select Billed Generation (MWh)	-	-	-	-	-	-	1.3	41.0	94.3	125.6	124.8	120.6
3. Second SoBRA Projects Total Generation (MWh)	12,166	24,089	44,162	46,113	44,182	38,654	39,118	34,250	48,155	39,076	32,077	25,507
4. 5 MW Portion of Second SoBRA Generation (MWh)	234	463	848	886	849	742	751	658	925	751	616	490
5. Generation for Agreement (MWh) = 1 - 2 + 4	234	463	848	1,263	5,125	2,667	2,982	3,084	4,131	3,160	2,689	1,914
6. Natural Gas Burned (mmBtu) Schedule A4	9,515,986	9,623,649	10,898,853	11,776,196	13,721,616	12,259,286	12,593,318	13,225,218	14,130,496	13,445,259	9,258,123	10,544,011
7. Net Natural Gas Generation (MWh) Schedule A4	1,249,223	1,241,142	1,427,169	1,451,957	1,794,486	1,642,401	1,669,828	1,742,731	1,790,253	1,733,549	1,189,663	1,317,204
8. Natural Gas Heat Rate (Btu/kWh) = 6 ÷ 7 x 1000 Schedule A4	7,618	7,754	7,637	8,111	7,647	7,464	7,542	7,589	7,893	7,756	7,782	8,005
9. Actual Natural Gas Price (\$/mmBtu) Schedule A5	4.70	3.86	3.79	3.60	3.50	3.62	3.37	3.18	3.34	3.36	3.69	3.43
10. Fuel Savings (\$) = 5 x 8 x 9 ÷ 1000	8,360	13,843	24,539	36,869	137,071	72,003	75,813	74,375	108,764	82,310	77,122	52,607
11. Cumulative Fuel Savings (\$)	8,360	22,203	46,743	83,612	220,683	292,685	368,498	442,874	551,638	633,948	711,071	763,678
12. Total 2019 Shortfall to \$1 Million Fuel Savings Agreement	(236,322)											