

# AUSLEY & McMULLEN

ATTORNEYS AND COUNSELORS AT LAW

123 SOUTH CALHOUN STREET  
P.O. BOX 391 (ZIP 32302)  
TALLAHASSEE, FLORIDA 32301  
(850) 224-9115 FAX (850) 222-7560

August 7, 2020

**VIA: ELECTRONIC FILING**

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

Re: Energy Conservation Cost Recovery Clause  
FPSC Docket No. 20200002-EG

Dear Mr. Teitzman:

Attached for filing in the above docket on behalf of Tampa Electric Company are the original of each of the following:

1. Petition of Tampa Electric Company.
2. Prepared Direct Testimony and Exhibit Nos. MRR-2 (Updated) and MRR-3 of Mark R. Roche.

Thank you for your assistance in connection with this matter.

Sincerely,



Malcolm N. Means

MNM/bmp  
Attachment

cc: All Parties of Record (w/attachment)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Energy Conservation Cost     )  
Recovery Clause.                     )  
\_\_\_\_\_                                   )

DOCKET NO. 20200002-EG

FILED: August 7, 2020

**PETITION OF TAMPA ELECTRIC COMPANY**

Tampa Electric Company ("Tampa Electric" or "the company"), hereby petitions the Commission for approval of the company's conservation cost recovery true-up and the cost recovery factors proposed for use during the period January through December 2021 and to provide the final update for the Final Tax Savings Credit that provided a refund of \$11,500,000 that was agreed upon in the Commission approved Settlement Agreement in Docket No 20170271-EI approved by Order No. PSC-2019-0234-AS-EI. In support thereof, the company says:

**Conservation Cost Recovery**

1. During the period January through December 2019, Tampa Electric incurred actual net conservation costs of \$43,988,528 plus a beginning true-up over-recovery of \$2,738,782 for a total of \$41,249,746. The amount collected through the Conservation Cost Recovery Clause was \$57,618,940. The true-up amount for January through December 2019 was an over-recovery of \$15,911,022 including interest. (See Exhibit No. MRR-1; Schedule CT-1, Page 1 of 1 and CT-2, Page 1 of 4, filed May 1, 2020).

2. During the period January through December 2020, the company anticipates incurring expenses of \$40,711,069. For the period, the total net true-up over-recovery is estimated to be \$7,350,968 including interest. (See Exhibit No. MRR-3; Schedule C-3).

3. For the forthcoming cost recovery period January through December 2021, Tampa Electric projects its total incremental conservation costs to be \$46,789,811. Tampa Electric's total true-up and projected expenditures for the projection period are estimated to be \$39,438,843

including true-up estimates for January through December 2020. Utilizing the rate design and cost allocation as put forth in Docket No. 20130040-EI, the required conservation cost recovery factors are as follows:

<b><u>Rate Schedule</u></b>	<b><u>Cost Recovery Factors (cents per kWh)</u></b>
RS	0.222
GS and CS	0.216
GSD Optional–Secondary	0.184
GSD Optional–Primary	0.182
GSD Optional–Subtransmission	0.180
LS-1, LS-2	0.107

<b><u>Rate Schedule</u></b>	<b><u>Cost Recovery Factors (dollars per kW)</u></b>
GSD-Secondary	0.80
GSD-Primary	0.79
GSD-Subtransmission	0.78
SBF–Secondary	0.80
SBF–Primary	0.79
SBF–Subtransmission	0.78
IS-Primary	0.63
IS–Subtransmission	0.62

(See Exhibit No. MRR-3; Schedule C-1, Page 1 of 1)

4. The Contracted Credit Value (“CCV”) amounts for the forthcoming cost recovery period, January through December 2021, as approved by the Commission in Order No. PSC-2017-0456-S-EI, shall be as follows:

**CCV dollars per kW by Voltage Level**

<u>Secondary</u>	<u>Primary</u>	<u>Subtransmission</u>
10.23	10.13	10.03

5. At the time required for this projection filing, the company has not completed the analysis to determine all of the other clause factors that are utilized to calculate and establish the RSVP-1 rates for the January through December 2021 period. The company will file with the Commission the proposed RSVP-1 rates for Tampa Electric’s Price Responsive Load Management program based upon the company’s 2021 residential base rates and the 2021 projected clause amounts for the ECCR, Fuel and Purchased Power Cost Recovery, Capacity Cost Recovery and Environmental Cost Recovery clauses as soon as the remaining clause factors are finalized.

**Final Tax Savings Credit**

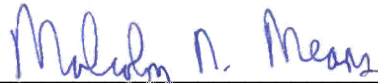
6. Tampa Electric applied the Commission approved credit factors during the January 2020 billing cycles to refund the \$11,500,000 that was agreed upon in the Commission approved Settlement Agreement in Docket No 20170271-EI approved by Order No. PSC-2019-0234-AS-EI. During the period from January through June 2020, the \$11,500,000 was returned to customer with credit to customers’ bills and journal entries to the ECCR. The detail of these transactions is provided in Exhibit No. MRR-2 (Updated).

7. Tampa Electric is not aware of any disputed issues of material fact relating to the matters addressed or the relief requested in this petition.

WHEREFORE, Tampa Electric Company requests the Commission's approval of the company's prior period conservation cost recovery true-up calculations and projected conservation cost recovery charges to be collected during the period January 1, 2021 through December 31, 2021.

DATED this 7<sup>th</sup> day of August, 2020.

Respectfully submitted,



---

JAMES D. BEASLEY

[jbeasley@ausley.com](mailto:jbeasley@ausley.com)

MALCOLM N. MEANS

[mmeans@ausley.com](mailto:mmeans@ausley.com)

Ausley McMullen

Post Office Box 391

Tallahassee, Florida 32302

(850) 224-9115

ATTORNEYS FOR TAMPA ELECTRIC COMPANY

**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true and correct copy of the foregoing Petition, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 7<sup>th</sup> day of August 2020 to the following:

Ms. Ashley Weisenfeld  
Attorney  
Office of General Counsel  
**Florida Public Service Commission**  
Room 390L – Gerald L. Gunter Building  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399-0850  
[AWeisenf@psc.state.fl.us](mailto:AWeisenf@psc.state.fl.us)

Ms. Patricia A. Christensen  
Mr. J. R. Kelly  
Thomas A. (Tad) David  
Mireille Fall-Fry  
Stephanie A. Morse  
Charles J. Rehwinkel  
**Office of Public Counsel**  
111 West Madison Street – Room 812  
Tallahassee, FL 32399-1400  
[christensen.patty@leg.state.fl.us](mailto:christensen.patty@leg.state.fl.us)  
[kelly.jr@leg.state.fl.us](mailto:kelly.jr@leg.state.fl.us)  
[david.tad@leg.state.fl.us](mailto:david.tad@leg.state.fl.us)  
[fall-fry.mireille@leg.state.fl.us](mailto:fall-fry.mireille@leg.state.fl.us)  
[morse.stephanie@leg.state.fl.us](mailto:morse.stephanie@leg.state.fl.us)  
[rehwinkel.charles@leg.state.fl.us](mailto:rehwinkel.charles@leg.state.fl.us)

Mr. Matthew R. Bernier  
**Duke Energy Florida, LLC**  
106 E. College Avenue, Suite 800  
Tallahassee, FL 32301-7740  
[matthew.bernier@duke-energy.com](mailto:matthew.bernier@duke-energy.com)

Ms. Dianne M. Triplett  
**Duke Energy Florida, LLC**  
299 First Avenue North  
St. Petersburg, FL 33701  
[dianne.triplett@duke-energy.com](mailto:dianne.triplett@duke-energy.com)  
[FLRegulatoryLegal@duke-energy.com](mailto:FLRegulatoryLegal@duke-energy.com)

Ms. Maria J. Moncada  
**Florida Power & Light Company**  
700 Universe Boulevard (LAW/JB)  
Juno Beach, FL 33408-0420  
[maria.moncada@fpl.com](mailto:maria.moncada@fpl.com)

Mr. Jon C. Moyle, Jr.  
**Moyle Law Firm**  
118 N. Gadsden Street  
Tallahassee, FL 32301  
[jmoyle@moylelaw.com](mailto:jmoyle@moylelaw.com)  
[mqualls@moylelaw.com](mailto:mqualls@moylelaw.com)

Ms. Beth Keating  
**Gunster, Yoakley & Stewart, P.A.**  
215 South Monroe Street, Suite 601  
Tallahassee, FL 32301-1839  
[bkeating@gunster.com](mailto:bkeating@gunster.com)

Mr. Mike Cassel  
Regulatory and Governmental Affairs  
**Florida Public Utilities Company**  
Florida Division of Chesapeake Utilities Corp.  
1750 SW 14th Street, Suite 200  
Fernandina Beach, FL 32034  
[mcassel@fpuc.com](mailto:mcassel@fpuc.com)

Mr. Russell A. Badders  
Vice President & Associate General Counsel  
**Gulf Power Company**  
One Energy Place  
Pensacola, FL 32520-0100  
[Russell.Badders@nexteraenergy.com](mailto:Russell.Badders@nexteraenergy.com)

Mr. Kenneth Hoffman  
Vice President, Regulatory Relations  
**Florida Power & Light Company**  
215 South Monroe Street, Suite 810  
Tallahassee, FL 32301-1858  
[Ken.Hoffman@fpl.com](mailto:Ken.Hoffman@fpl.com)

Mr. Steven R. Griffin  
**Beggs & Lane**  
Post Office Box 12950  
Pensacola, FL 32591  
[srg@beggslane.com](mailto:srg@beggslane.com)

Mr. Russell A. Badders  
**Gulf Power Company**  
One Energy Place  
Pensacola, FL 32520-0100  
[Russell.Badders@nexteraenergy.com](mailto:Russell.Badders@nexteraenergy.com)

Mr. James W. Brew  
Ms. Laura W. Baker  
**Stone Mattheis Xenopoulos & Brew, PC**  
1025 Thomas Jefferson Street, NW  
Eighth Floor, West Tower  
Washington, D.C. 20007-5201  
[jbrew@smxblaw.com](mailto:jbrew@smxblaw.com)  
[lwb@smxblaw.com](mailto:lwb@smxblaw.com)



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ATTORNEY



**TECO**<sup>®</sup>  
**TAMPA ELECTRIC**  
AN EMERA COMPANY

**BEFORE THE**  
**FLORIDA PUBLIC SERVICE COMMISSION**  
**DOCKET NO. 20200002-EG**  
**IN RE: CONSERVATION COST RECOVERY CLAUSE**  
**TESTIMONY AND EXHIBIT**  
**OF**  
**MARK R. ROCHE**

**FILED: AUGUST 7, 2020**



1                                   **BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

2                                   **PREPARED DIRECT TESTIMONY**

3                                   **OF**

4                                   **MARK R. ROCHE**

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

7  
8   **A.**   My name is Mark R. Roche. My business address is 702  
9           North Franklin Street, Tampa, Florida 33602. I am  
10          employed by Tampa Electric Company ("Tampa Electric" or  
11          "the company") as Manager, Regulatory Rates in the  
12          Regulatory Affairs Department.

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

16  
17   **A.**   I graduated from Thomas Edison State College in 1994 with  
18          a Bachelor of Science degree in Nuclear Engineering  
19          Technology and from Colorado State University in 2009  
20          with a Master's degree in Business Administration. My  
21          work experience includes twelve years with the US Navy in  
22          nuclear operations as well as twenty-two years of  
23          electric utility experience. My utility work has included  
24          various positions in Marketing and Sales, Customer  
25          Service, Distributed Resources, Load Management, Power

1 Quality, Distribution Control Center operations, Meter  
2 Department, Meter Field Operations, Service Delivery,  
3 Revenue Assurance, Commercial and Industrial Energy  
4 Management Services, Demand Side Management ("DSM")  
5 Planning and Forecasting. In my current position, I am  
6 responsible for Tampa Electric's Energy Conservation Cost  
7 Recovery ("ECCR") Clause and Storm Protection Plan Cost  
8 Recovery Clause ("SPPCRC").

9  
10 **Q.** Have you previously testified before the Florida Public  
11 Service Commission ("Commission")?

12  
13 **A.** Yes. I have testified before this Commission on  
14 conservation and load management activities, DSM goals  
15 and plan approval dockets and other ECCR dockets.

16  
17 **Q.** What is the purpose of your testimony in this proceeding?

18  
19 **A.** The purpose of my testimony is to support the company's  
20 actual conservation costs incurred during the period  
21 January through December 2019, the actual/projected  
22 period January to December 2020, and the projected period  
23 January through December 2021. The projected 2021 ECCR  
24 factors have been calculated based on the current  
25 approved allocation methodology. Also, I will support

1 the appropriate Contracted Credit Value ("CCV") for  
2 participants in the General Service Industrial Load  
3 Management Riders ("GSLM-2" and "GSLM-3") for the period  
4 January through December 2021. I will also support the  
5 appropriate Residential Variable Pricing Rates ("RSVP-1")  
6 for participants in the Residential Price Responsive Load  
7 Management Program for the period January through  
8 December 2021.

9  
10 In addition, I will also provide the final update for the  
11 January 2020 "Final Tax Savings Credit" that provided a  
12 refund of \$11,500,000 that was agreed upon in the  
13 Commission approved Settlement Agreement in Docket No.  
14 20170271-EI approved by Order No. PSC-2019-0234-AS-EI,  
15 issued on June 14, 2019. In the Settlement Agreement,  
16 this bill credit was based on the difference between the  
17 annual tax savings amount established in Docket No.  
18 20180045-EI, In re: Consideration of the tax impacts  
19 associated with Tax Cuts and Jobs Act of 2017 for Tampa  
20 Electric Company, and the reduced recoverable amount that  
21 was incurred from restoration costs for five tropical  
22 storms. Tampa Electric agreed to refund to customers  
23 \$11,500,000 as a one-time bill credit, to be reflected as  
24 a separate line item on customers' bills for the first  
25 billing cycle of January 2020.

1 Q. Did you prepare any exhibits in support of your  
2 testimony?

3

4 A. Yes. Exhibit No. MRR-2 (updated) and MRR-3 were prepared  
5 under my direction and supervision. Exhibit No. MRR-2  
6 (updated) entitled "Final Tax Savings Credit" which  
7 details the updated actual amount refunded to customers  
8 in January 2020 through June 2020 and the final ending  
9 balance within the ECCR clause. Exhibit No. MRR-3  
10 includes Schedules C-1 through C-5 and associated data  
11 which support the development of the conservation cost  
12 recovery factors for January through December 2021 using  
13 the current 12 Coincident Peak ("CP") and 1/13 Average  
14 Demand ("AD") Factor allocation methodology.

15

16 Q. Does the Exhibit No. MRR-3 meet the requirements of Rule  
17 25-17.015, Florida Administrative Code ("F.A.C."), which  
18 requires the projection filing to include the annual  
19 estimated/actual true-up filing showing actual and  
20 projected common costs, individual program costs, and any  
21 revenues collected?

22

23 A. Yes, it does.

24

25 Q. What timeframe did Tampa Electric use to develop its 2020

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annual estimated/actual true-up filing?

**A.** Tampa Electric developed its 2020 annual estimated/actual true-up filing showing actual and projected common costs, individual program costs, and any revenues collected based upon six months of actuals and six months of estimates.

**Q.** Please describe the conservation program costs projected by Tampa Electric during the period January through December 2019.

**A.** For the period January through December 2019, Tampa Electric projected conservation program costs to be \$57,275,816. The Commission authorized collections to recover these expenses in Docket No. 20180002-EG, Order No. PSC-2018-0562-FOF-EG, issued November 28, 2018.

**Q.** For the period January through December 2019, what were Tampa Electric's conservation costs and what was recovered through the ECCR clause?

**A.** For the period January through December 2019, Tampa Electric incurred actual net conservation costs of \$43,988,528 plus a beginning true-up over-recovery of

1           \$2,738,782 for a total of \$41,249,746. The amount  
2 collected in the ECCR clause was \$57,618,940.  
3

4 **Q.** What was the true-up amount?

5  
6 **A.** The true-up amount for the period January through  
7 December 2019 was an over-recovery of \$15,911,022  
8 including interest.  
9

10 **Q.** Please describe the conservation program costs projected  
11 to be incurred by Tampa Electric during the period  
12 January through December 2020?  
13

14 **A.** The actual costs incurred by Tampa Electric through June  
15 2020 and projected for July through December 2020 are  
16 \$40,711,069. For the period, Tampa Electric anticipates  
17 an over-recovery in the ECCR Clause of \$7,350,968 which  
18 includes the 2019 true-up and interest. A summary of  
19 these costs and estimates is fully detailed in Exhibit  
20 No. MRR-3, Conservation Costs Projected, pages 26 through  
21 40.  
22

23 **Q.** Has Tampa Electric proposed any new or modified DSM  
24 Programs for ECCR cost recovery for the period January  
25 through December 2021?

1 **A.** Yes, Tampa Electric obtained the Commission's approval of  
2 the company's 2020-2029 DSM Plan in Docket No. 20200053-  
3 EG on July 7, 2020. Tampa Electric will file the  
4 associated DSM Standards within 30 days of the issuance  
5 of the final order. Upon approval of the company's DSM  
6 Standards, Tampa Electric will move forward with the  
7 transition to the new Commission approved portfolio of  
8 DSM programs near the end of 2020.

9  
10 **Q.** Please summarize the proposed conservation costs for the  
11 period January through December 2021 and the annualized  
12 recovery factors based on a 12 CP and 1/13 AD basis  
13 applicable for the period January through December 2021?

14  
15 **A.** Tampa Electric estimates the total conservation costs  
16 (less program revenues) during the period will be  
17 \$46,789,811 plus the true-up. Including true-up  
18 estimates, the January through December 2021 cost  
19 recovery factors allocated on a 12 CP and 1/13 AD basis  
20 for firm retail rate classes are as follows:

	<b>Cost Recovery Factors</b>
<b><u>Rate Schedule</u></b>	<b><u>(cents per kWh)</u></b>
24 RS	0.222
25 GS and CS	0.216

1	GSD Optional - Secondary	0.184
2	GSD Optional - Primary	0.182
3	GSD Optional - Subtransmission	0.180
4	LS-1, LS-2	0.107

5  
6

**Cost Recovery Factors**

8	<u>Rate Schedule</u>	<u>(dollars per kW)</u>
9	GSD - Secondary	0.80
10	GSD - Primary	0.79
11	GSD - Subtransmission	0.78
12	SBF - Secondary	0.80
13	SBF - Primary	0.79
14	SBF - Subtransmission	0.78
15	IS - Primary	0.63
16	IS - Subtransmission	0.62

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Exhibit No. MRR-3, Conservation Costs Projected, pages 17 through 25 contain the Commission prescribed forms which detail these estimates.

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23  
24  
25

**Q.** Has Tampa Electric complied with the ECCR cost allocation methodology stated in Docket No. 19930759-EG, Order No. PSC-93-1845-EG?



1     **A.**    Yes, it has.

2

3     **Q.**    Please explain why the incentive for GSLM-2 and GSLM-3  
4       rate riders is included in your testimony?

5

6     **A.**    In Docket No. 19990037-EI, Tampa Electric petitioned the  
7       Commission to close its non-cost-effective interruptible  
8       service rate schedules while initiating the provision of  
9       a cost-effective non-firm service through a new load  
10      management program. This program would be funded through  
11      the ECCR clause and the appropriate monthly CCV billing  
12      credit for participating customers would be submitted for  
13      Commission approval as part of the company's annual ECCR  
14      projection filing.

15

16    **Q.**    Is Tampa Electric recalculating the 2021 CCV amount?

17

18    **A.**    No, in Tampa Electric's Petition for limited proceeding  
19      to approve the company's 2017 amended and restated  
20      stipulation and settlement agreement (Docket No.  
21      20170210-EI), the values to be used for the CCV amount on  
22      an ongoing basis were approved by the Commission in Order  
23      No. PSC-2017-0456-S-EI, on November 27, 2017.

24

25    **Q.**    What were the CCV amounts approved by the Commission?

1 **A.** The CCV amounts approved by the Commission were \$10.23  
2 per kW for secondary, \$10.13 per kW for primary and  
3 \$10.03 per kW for subtransmission voltage customers.  
4 These CCV amounts took effect on January 1, 2018.

5  
6 **Q.** What is the appropriate CCV for customers who elect to  
7 take service under the GSLM-2 and GSLM-3 rate riders  
8 during the January through December 2021 period?

9  
10 **A.** For the January through December 2021 period, the CCV  
11 amounts are:

12  
13 **CCV dollars per kW by Voltage Level**

14	<u>Secondary</u>	<u>Primary</u>	<u>Subtransmission</u>
15	\$10.23	\$10.13	\$10.03

16

17 If the 2021 assessment for need determination indicates  
18 the availability of new non-firm load, the CCV will be  
19 applied to new subscriptions for service under those rate  
20 riders.

21  
22 **Q.** Please explain why the RSVP-1 rates for Residential Price  
23 Responsive Load Management are in your testimony?

24

1     **A.** Tampa Electric's petition to allow its pilot residential  
2     price responsive load management initiative to become  
3     permanent was approved by the Commission on August 28,  
4     2007, in Docket No. 20070056-EG. This program will be  
5     funded through the ECCR clause and the appropriate annual  
6     RSVP-1 rates for customers are to be submitted for  
7     Commission approval as part of the company's annual ECCR  
8     projection filing.

9  
10    **Q.** What are the appropriate RSVP-1 rates for customers who  
11    elect to take this service during the period January  
12    through December 2021?

13  
14    **A.** At the time required for this projection filing, the  
15    company has not completed the analysis to determine all  
16    of the other clause factors that are utilized to  
17    calculate and establish the RSVP-1 rates for the January  
18    through December 2021 period. The company will file with  
19    the Commission the proposed RSVP-1 rates for Tampa  
20    Electric's Price Responsive Load Management program based  
21    upon the company's 2021 residential base rates and the  
22    2021 projected clause amounts for ECCR, Fuel and  
23    Purchased Power Cost Recovery, Capacity Cost Recovery and  
24    the Environmental Cost Recovery as soon as the remaining  
25    clause factors are finalized.

1 **Final Tax Savings Credit**

2  
3 **Q.** What is the "Final Tax Savings Credit"?

4  
5 **A.** The "Final Tax Savings Credit" is a refund of \$11,500,000  
6 that was agreed upon in the Commission approved  
7 Settlement Agreement in Docket No. 20170271-EI approved  
8 by Order No. PSC-2019-0234-AS-EI, issued on June 14,  
9 2019. In the Settlement Agreement, this bill credit was  
10 based on the difference between the annual tax savings  
11 amount established in Docket No. 20180045-EI, In re:  
12 Consideration of the tax impacts associated with Tax Cuts  
13 and Jobs Act of 2017 for Tampa Electric Company, and the  
14 reduced recoverable amount that was incurred from  
15 restoration costs for five tropical storms. Tampa  
16 Electric agreed to refund to customers \$11,500,000 as a  
17 one-time bill credit, to be reflected as a separate line  
18 item on customer's bills for the month of January 2020.

19  
20 **Q.** Was the credit recognized in January 2020?

21  
22 **A.** Yes.

23  
24 **Q.** Was the full amount, \$11,500,000 refunded in January  
25 2020?

1     **A.**    No, the actual net amount that was refunded in January  
2            was \$10,850,178.30, then through billing adjustments and  
3            corrections and journal entries to the ECCR Clause to  
4            fully refund the \$11,500,000 to customers.    The final  
5            detail of these transactions is included in my Exhibit  
6            No. MRR-2 (updated).

7

8     **Q.**    Does this conclude your testimony?

9

10    **A.**    Yes it does.

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CONSERVATION COSTS  
PROJECTED

INDEX

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TAMPA ELECTRIC COMPANY  
 CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS  
 JANUARY 2021 THROUGH DECEMBER 2021  
 Projected

	(1) AVG 12CP Load Factor at Meter (%)	(2) Projected Sales at Meter (MWh)	(3) Projected AVG 12 CP at Meter (MWh)	(4) Demand Loss Expansion Factor	(5) Energy Loss Expansion Factor	(6) Projected Sales at Generation (MWh)	(7) Projected AVG 12 CP at Generation (MWh)	(8) Percentage of Sales at Generation (%)	(9) Percentage of Demand at Generation (%)	(10) 12 CP & 1/13 Avg Demand Factor (%)
RS	53.49%	9,684,803	2,067	1.08051	1.05263	10,194,472	2,233	49.67%	58.72%	58.02%
GS, CS	56.42%	902,049	182	1.08051	1.05261	949,504	197	4.63%	5.18%	5.14%
GSD Optional	3.42%	360,212	55	1.07583	1.04913	377,910	59	1.84%	1.55%	1.57%
GSD, SBF,RSD	71.57%	7,544,170	1,148	1.07583	1.04913	7,914,823	1,236	38.57%	32.50%	32.97%
IS,SBI	145.94%	927,861	73	1.02893	1.01716	943,787	75	4.60%	1.97%	2.17%
LS1, LS2	578.30%	134,246	3	1.08051	1.05263	141,311	3	0.69%	0.08%	0.13%
TOTAL		19,553,341	3,528			20,521,807	3,803	100%	100%	100%

- (1) AVG 12 CP load factor based on projected 2020 calendar data.
- (2) Projected MWH sales for the period Jan. 2021 thru Dec. 2021
- (3) Calculated: Col (2) / (8760\*Col (1)).
- (4) Based on 2020 projected demand losses.
- (5) Based on 2020 projected energy losses.
- (6) Col (2) \* Col (5).
- (7) Col (3) \* Col (4).
- (8) Col (6) / total for Col (6).
- (9) Col (7) / total for Col (7).
- (10) Col (8) \* 0.0769 + Col (9) \* 0.9231

NOTE: Interruptible rates not included in demand allocation of capacity payments.

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TAMPA ELECTRIC COMPANY  
 Energy Conservation Adjustment  
 Summary of Cost Recovery Clause Calculation  
 For Months January 2021 through December 2021

1. Total Incremental Cost	46,789,811
2. Demand Related Incremental Costs	27,259,974
3. Energy Related Incremental Costs	19,529,837

RETAIL BY RATE CLASS

	<u>RS</u>	<u>GS,CS</u>	GSD, SBF <u>RSD</u>	GSD <u>OPTIONAL</u>	<u>IS, SBI</u>	<u>LS1, LS2</u>	<u>Total</u>
4. Demand Allocation Percentage	58.02%	5.14%	32.97%	1.57%	2.17%	0.13%	100.00%
5. Demand Related Incremental Costs (Total cost prorated based on demand allocation % above)	15,816,237	1,401,163	8,987,613	427,982	591,541	35,438	<u>27,259,974</u>
6. Demand Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 6 (Allocation of D & E is based on the forecast period cost.)	<u>(2,516,369)</u>	<u>(222,925)</u>	<u>(1,429,932)</u>	<u>(68,092)</u>	<u>(94,114)</u>	<u>(5,638)</u>	<u>(4,337,071)</u>
7. Total Demand Related Incremental Costs	<u>13,299,868</u>	<u>1,178,237</u>	<u>7,557,681</u>	<u>359,890</u>	<u>497,427</u>	<u>29,800</u>	<u>22,922,903</u>
8. Energy Allocation Percentage	49.67%	4.63%	38.57%	1.84%	4.60%	0.69%	100.00%
9. Net Energy Related Incremental Costs	9,700,470	904,231	7,532,658	359,349	898,372	134,756	<u>19,529,837</u>
10. Energy Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 6 (Allocation of D & E is based on the forecast period cost.)	<u>(1,497,003)</u>	<u>(139,543)</u>	<u>(1,162,460)</u>	<u>(55,456)</u>	<u>(138,639)</u>	<u>(20,796)</u>	<u>(3,013,897)</u>
11. Total Net Energy Related Incremental Costs	<u>8,203,467</u>	<u>764,688</u>	<u>6,370,198</u>	<u>303,893</u>	<u>759,733</u>	<u>113,960</u>	<u>16,515,940</u>
12. Total Incremental Costs (Line 5 + 9)	25,516,707	2,305,394	16,520,271	787,331	1,489,914	170,194	46,789,811
13. Total True Up (Over)/Under Recovery (Line 6 + 10) (Schedule C-3, Pg 6, Line 11) (Allocation of D & E is based on the forecast period cost.)	<u>(4,013,371)</u>	<u>(362,469)</u>	<u>(2,592,392)</u>	<u>(123,548)</u>	<u>(232,754)</u>	<u>(26,434)</u>	<u>(7,350,968)</u>
14. Total (Line 12 + 13)	<u>21,503,336</u>	<u>1,942,925</u>	<u>13,927,879</u>	<u>663,783</u>	<u>1,257,160</u>	<u>143,760</u>	<u>39,438,843</u>
15. Retail MWH Sales	9,684,803	902,049	7,544,170	360,212	927,861	134,246	19,553,341
16. Effective MWH at Secondary	9,684,803	902,049	7,544,170	360,212	927,861	134,246	19,553,341
17. Projected Billed KW at Meter	*	*	17,528,483	*	1,986,004	*	
18. Cost per KWH at Secondary (Line 14/Line 16)	0.22203	0.21539	*	0.18428	*	0.10709	
19. Revenue Tax Expansion Factor	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	
20. Adjustment Factor Adjusted for Taxes	0.2222	0.2155	*	0.1844	*	0.1072	
21. Conservation Adjustment Factor (cents/KWH)							
<b><u>RS, GS, CS, GSD Optional and LS1 Rates (cents/KWH) *</u></b>							
- Secondary	<u>0.222</u>	<u>0.216</u>		<u>0.184</u>		<u>0.107</u>	
- Primary				<u>0.182</u>			
- Subtransmission				<u>0.180</u>			
<b><u>GSD, SBF, IS Standard Rates (\$/KW) *</u></b>							
<u>Full Requirement</u>							
- Secondary	*	*	<u>0.80</u>	*		*	
- Primary	*	*	<u>0.79</u>	*	<u>0.63</u>	*	
- Subtransmission	*	*	<u>0.78</u>	*	<u>0.62</u>	*	

\* (ROUNDED TO NEAREST .001 PER KWH or KW)



TAMPA ELECTRIC COMPANY  
 Conservation Program Costs

Estimated For Months January 2021 through December 2021

ESTIMATED

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
D0083437 Residential Walk-Through Energy Audit	131,080	128,630	131,855	165,380	125,630	129,730	135,580	134,651	133,830	133,940	129,000	180,989	1,660,294
D0083432 Residential Customer Assisted Audit	597	597	697	597	597	597	398,597	597	597	697	597	597	405,366
D0083434, D0083317 Residential Computer Assisted Audit	0	0	863	0	0	0	863	0	300	0	863	0	2,888
D0083526 Residential Ceiling Insulation	11,628	11,547	11,297	12,074	13,271	13,271	15,696	15,696	15,696	13,271	13,271	10,847	157,566
D0083530 Residential Duct Repair	9,845	9,764	9,514	9,064	9,064	9,064	9,064	9,064	9,064	9,564	9,064	9,064	111,197
D0083488 Energy Education, Awareness and Agency Outreach	21,952	21,947	21,942	21,937	21,932	21,928	21,923	32,718	21,913	21,909	21,904	21,899	273,904
D0083546 Energy Star Multi-Family	0	0	0	0	0	0	0	0	105,393	0	0	0	105,393
D0083541 Energy Star for New Homes	92,798	92,798	92,798	94,251	92,668	92,668	92,668	92,668	95,468	92,668	93,468	92,668	1,117,668
D0091086 Energy Star Pool Pumps	11,747	11,806	11,834	18,834	18,834	18,892	27,612	27,642	27,612	27,584	27,584	27,525	257,506
D0091087 Energy Star Thermostats	5,328	5,388	5,415	5,443	5,501	5,673	5,673	5,673	5,673	5,673	5,587	5,501	66,527
D0083332 Residential Heating and Cooling	33,106	40,204	43,560	50,291	50,260	53,866	53,866	53,866	50,260	43,110	36,530	29,513	538,435
D0083538 Neighborhood Weatherization	338,973	338,973	338,973	338,973	338,973	338,973	340,473	340,473	340,473	338,973	338,973	338,969	4,072,170
D0083542 Energy Planner	306,703	297,078	298,159	388,092	297,473	298,888	300,468	301,996	303,413	308,238	310,284	308,779	3,719,573
D0091105 Residential Prime Time Plus	531	531	531	531	531	531	531	531	531	531	531	531	6,370
D0083486 Residential Window Replacement	17,744	17,663	17,413	16,963	16,963	16,963	16,963	16,963	16,963	16,963	16,963	16,963	205,493
D0083335 Prime Time	871	871	3,871	871	871	3,871	871	871	1,171	871	871	3,871	19,754
D0083447 Commercial/Industrial Audit (Free)	34,606	32,256	33,856	31,256	32,756	31,606	33,256	33,256	32,756	32,156	33,256	31,252	392,269
D0083446 Comprehensive Commercial/Industrial Audit (Paid)	0	0	1,078	0	1,078	0	0	1,078	0	0	1,078	0	4,311
D0083534 Commercial Chiller	0	0	0	3,754	3,754	0	0	3,754	3,754	3,754	0	0	18,770
D0083487 Cogeneration	4,766	4,766	5,624	5,047	4,738	4,779	5,417	3,935	5,012	5,302	4,514	4,291	58,191
D0083318 Conservation Value	0	81,828	290	0	0	0	0	0	0	0	0	0	82,118
D0083540 Commercial Cooling	525	0	0	924	0	0	924	475	0	450	899	475	4,671

TAMPA ELECTRIC COMPANY  
 Conservation Program Costs  
 Estimated For Months January 2021 through December 2021  
 ESTIMATED

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
D0083533 Demand Response	256,089	256,089	256,089	256,089	256,089	256,089	256,089	256,089	256,089	256,089	260,089	256,089	3,077,070
D0091107 Facility Energy Management System	39,650	39,550	39,585	39,585	39,621	39,657	41,621	39,621	39,621	39,657	41,657	39,621	479,447
D0083506 Industrial Load Management (GLSM 2&3)	1,429,051	1,429,051	1,429,051	1,428,761	1,428,761	1,428,761	1,428,761	1,428,761	1,428,761	1,428,761	1,428,761	1,429,051	17,146,295
D0083547 LED Street and Outdoor Conversion Program	458,125	458,125	458,125	458,125	458,125	458,125	458,125	458,125	458,125	458,125	458,125	458,125	5,497,500
D0083528 Lighting Conditioned Space	46,746	60,849	46,396	75,327	75,327	31,942	33,092	31,942	46,396	60,849	47,396	46,546	602,808
D0083544 Lighting Non-Conditioned Space	31,702	14,442	20,146	12,136	14,442	9,214	8,864	14,442	12,161	8,714	9,214	12,311	167,789
D0083535 Lighting Occupancy Sensors	2,673	1,400	1,400	1,400	2,673	1,400	1,400	2,673	1,400	1,400	1,400	1,400	20,615
D0083527 CILM (GLSM 1)	0	0	0	945	945	945	945	945	945	945	0	0	6,615
D0091108 Commercial Smart Thermostats	14,326	14,226	14,728	15,204	15,204	15,204	15,878	14,728	14,728	14,728	15,728	14,878	179,561
D0083529 Standby Generator	324,598	324,598	326,203	326,203	326,203	327,808	327,808	327,808	357,808	357,808	358,808	357,808	4,043,461
D0091109 Variable Frequency Drive Control for Compressors	6,945	6,845	6,941	7,036	6,941	6,941	7,886	6,941	6,941	6,941	7,536	7,091	84,783
D0083537 Commercial Water Heating	0	0	0	0	2,191	0	0	0	0	0	0	0	2,191
D0083539 Conservation Research and Development	332	119	332	119	119	332	119	119	332	119	332	119	2,495
D0083531 Renewable Energy Program (Sun to Go)	8,803	(7,524)	(7,483)	(7,881)	(7,790)	167,186	(7,881)	(7,856)	(7,881)	(7,947)	(7,922)	(7,947)	97,877
D0083328 Common Expenses	160,493	56,498	85,102	61,355	57,513	60,585	59,271	58,630	67,358	60,584	58,808	60,803	846,998
D0090066 Integrated Renewable Energy System (Pilot)	69,866	95,606	121,224	120,647	120,070	119,493	118,916	118,339	117,762	117,186	116,609	116,032	1,351,751
Total All Programs	3,872,198	3,846,522	3,827,408	3,959,335	3,831,331	3,965,003	4,211,141	3,827,236	3,970,425	3,859,634	3,841,777	3,975,679	46,887,688
Less Renewable Energy Expenses	8,803	(7,524)	(7,483)	(7,881)	(7,790)	167,186	(7,881)	(7,856)	(7,881)	(7,947)	(7,922)	(7,947)	97,877
Total Recoverable Conservation Expenses	3,863,395	3,854,046	3,834,891	3,967,215	3,839,120	3,797,817	4,219,021	3,835,092	3,978,305	3,867,581	3,849,699	3,883,627	46,789,811
<u>Summary of Demand &amp; Energy</u>													
Energy	1,583,558	1,618,255	1,566,738	1,668,708	1,588,132	1,540,162	1,964,628	1,580,544	1,688,567	1,579,512	1,557,622	1,593,410	19,529,837
Demand	2,279,837	2,235,791	2,268,153	2,298,507	2,250,988	2,254,393	2,254,393	2,254,548	2,289,738	2,288,069	2,292,077	2,290,217	27,259,974
Total Recoverable Conserv. Expenses	3,863,395	3,854,046	3,834,891	3,967,215	3,839,120	3,797,817	4,219,021	3,835,092	3,978,305	3,867,581	3,849,699	3,883,627	46,789,811

TAMPA ELECTRIC COMPANY  
 Conservation Program Costs

Estimated For Months January 2021 through December 2021

Program Name	(A) Capital Investment	(B) Payroll & Benefits	(C) Materials & Supplies	(D) Outside Services	(E) Advertising	(F) Incentives	(G) Vehicles	(H) Other	(I) Program Revenues	(J) Total
D0083437 Residential Walk-Through Energy Audit	0	971,659	6,600	0	521,000	0	122,800	38,235	0	1,660,294
D0083432 Residential Customer Assisted Audit	0	7,166	200	398,000	0	0	0	0	0	405,366
D0083434, D0083317 Residential Computer Assisted Audit	0	2,588	0	0	0	0	0	300	0	2,888
D0083526 Residential Ceiling Insulation	0	46,120	0	0	0	109,275	240	1,931	0	157,566
D0083530 Residential Duct Repair	0	28,966	0	500	0	79,200	600	1,931	0	111,197
D0083488 Energy Education, Awareness and Agency Outreach	10,264	201,072	15,600	16,008	0	10,800	0	20,160	0	273,904
D0083546 Energy Star Multi-Family	0	393	0	0	0	105,000	0	0	0	105,393
D0083541 Energy Star for New Homes	0	31,785	0	0	1,563	1,080,000	480	3,840	0	1,117,668
D0091086 Energy Star Pool Pumps	0	16,006	0	0	0	241,500	0	0	0	257,506
D0091087 Energy Star Thermostats	0	24,527	0	0	0	42,000	0	0	0	66,527
D0083332 Residential Heating and Cooling	0	72,133	0	0	0	462,375	360	3,567	0	538,435
D0083538 Neighborhood Weatherization	0	812,458	61,200	0	200,000	2,850,992	36,600	10,920	0	4,072,170
D0083542 Energy Planner	1,061,866	1,157,738	28,300	919,235	426,000	0	35,748	90,686	0	3,719,573
D0091106 Residential Prime Time Plus	0	6,370	0	0	0	0	0	0	0	6,370
D0083486 Residential Window Replacement	0	51,642	0	0	0	151,200	480	2,171	0	205,493
D0083335 Prime Time	0	9,554	0	9,300	0	0	0	900	0	19,754
D0083447 Commercial/Industrial Audit (Free)	0	320,869	3,700	0	50,000	0	3,000	14,700	0	392,269
D0083446 Comprehensive Commercial/Industrial Audit (Paid)	0	1,991	0	2,000	0	0	320	0	0	4,311
D0083534 Commercial Chiller	0	1,145	0	0	0	17,500	125	0	0	18,770

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TAMPA ELECTRIC COMPANY  
 Conservation Program Costs  
 Estimated For Months January 2021 through December 2021

Program Name	(A) Capital Investment	(B) Payroll & Benefits	(C) Materials & Supplies	(D) Outside Services	(E) Advertising	(F) Incentives	(G) Vehicles	(H) Other	(I) Program Revenues	(J) Total
D0083487 Cogeneration	0	56,991	0	0	0	0	1,200	0	0	58,191
D0083318 Conservation Value	0	1,526	0	542	0	80,000	50	0	0	82,118
D0083540 Commercial Cooling	0	2,296	0	0	0	2,200	125	50	0	4,671
D0083533 Demand Response	0	33,170	0	0	0	3,038,400	1,500	4,000	0	3,077,070
D0091107 Facility Energy Management System	0	24,447	0	0	0	450,000	900	4,100	0	479,447
D0083506 Industrial Load Management (GLSM 2&3)	0	43,595	0	0	0	17,100,000	2,700	0	0	17,146,295
D0083547 LED Street and Outdoor Conversion Program	0	0	0	0	0	0	0	5,625,000	(127,500)	5,497,500
D0083528 Lighting Conditioned Space	0	63,258	250	0	0	536,250	650	2,400	0	602,808
D0083544 Lighting Non-Conditioned Space	0	51,864	0	0	0	114,000	525	1,400	0	167,789
D0083535 Lighting Occupancy Sensors	0	2,315	0	0	0	18,000	300	0	0	20,615
D0083527 CLIM (GLSM 1)	0	0	0	0	0	6,615	0	0	0	6,615
D0091108 Commercial Smart Thermostats	0	32,611	0	0	0	144,000	550	2,400	0	179,561
D0083529 Standby Generator	0	44,316	0	150,000	0	3,824,145	1,200	23,800	0	4,043,461
D0091109 Variable Frequency Drive Control for Compressors	0	23,083	0	0	0	60,000	300	1,400	0	84,783
D0083537 Commercial Water Heating	0	166	0	0	0	2,000	25	0	0	2,191
D0083539 Conservation Research and Development	0	2,495	0	0	0	0	0	0	0	2,495
D0083531 Renewable Energy Program (Sum to Go)	0	23,687	750	190,000	0	0	100	1,000	(117,660)	97,877
D0083328 Common Expenses	0	529,808	400	100,100	0	0	0	216,690	0	846,998
D0090066 Integrated Renewable Energy System (Pick)	1,346,974	4,777	0	0	0	0	0	0	0	1,351,751
Total All Programs	2,419,104	4,704,585	117,000	1,785,685	1,198,563	30,625,452	210,878	6,071,581	(245,160)	46,887,688
Less Renewable Energy Expenses	0	23,687	750	190,000	0	0	100	1,000	(117,660)	97,877
Total Recoverable Conservation Expenses	2,419,104	4,680,898	116,250	1,595,685	1,198,563	30,625,452	210,778	6,070,581	(127,500)	46,789,811
<b>Summary of Demand &amp; Energy</b>										
Energy	1,214,684	3,696,484	101,900	926,717	985,563	6,656,292	187,504	5,888,193	(127,500)	19,529,838
Demand	1,204,420	984,414	14,350	668,968	213,000	23,969,160	23,274	182,388	0	27,259,973
Total Recoverable Conv. Expenses	2,419,104	4,680,898	116,250	1,595,685	1,198,563	30,625,452	210,778	6,070,581	(127,500)	46,789,811

TAMPA ELECTRIC COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Estimated For Months January 2021 through December 2021  
 PRICE RESPONSIVE LOAD MANAGEMENT

Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment	217,327	129,092	129,092	129,092	129,092	129,092	129,092	129,092	129,092	129,092	129,092	129,092	1,637,341
2. Retirements	84,005	109,085	127,551	61,833	46,833	87,818	26,316	93,121	38,688	49,204	59,032	400	
3. Depreciation Base	4,051,497	4,071,504	4,073,045	4,140,304	4,222,563	4,263,838	4,366,615	4,402,586	4,492,991	4,572,879	4,642,939	4,771,631	52,072,392
4. Depreciation Expense	<u>66,414</u>	<u>67,692</u>	<u>67,871</u>	<u>68,445</u>	<u>69,691</u>	<u>70,720</u>	<u>71,920</u>	<u>73,077</u>	<u>74,130</u>	<u>75,549</u>	<u>76,798</u>	<u>78,455</u>	<u>860,762</u>
5. Cumulative Investment	3,918,175	4,051,497	4,073,045	4,140,304	4,222,563	4,263,838	4,366,615	4,402,586	4,492,991	4,572,879	4,642,939	4,771,631	4,771,631
6. Less: Accumulated Depreciation	1,805,986	1,747,002	1,687,322	1,693,934	1,716,792	1,699,694	1,745,298	1,725,254	1,760,698	1,787,041	1,804,807	1,882,862	1,882,862
7. Net Investment	<u>2,112,189</u>	<u>2,324,502</u>	<u>2,385,723</u>	<u>2,446,370</u>	<u>2,505,771</u>	<u>2,564,144</u>	<u>2,621,317</u>	<u>2,677,332</u>	<u>2,732,295</u>	<u>2,785,838</u>	<u>2,838,132</u>	<u>2,888,769</u>	<u>2,888,769</u>
8. Average Investment	2,187,646	2,293,802	2,355,113	2,416,047	2,476,071	2,534,958	2,592,731	2,649,325	2,704,814	2,759,067	2,811,985	2,863,451	
9. Return on Average Investment - Equity Component	11,199	11,743	12,056	12,368	12,676	12,977	13,273	13,563	13,847	14,124	14,395	14,659	156,880
10. Return on Average Investment - Debt Component	<u>3,157</u>	<u>3,310</u>	<u>3,399</u>	<u>3,487</u>	<u>3,573</u>	<u>3,658</u>	<u>3,742</u>	<u>3,823</u>	<u>3,903</u>	<u>3,982</u>	<u>4,058</u>	<u>4,132</u>	<u>44,224</u>
11. Total Depreciation and Return	<u>80,770</u>	<u>82,745</u>	<u>83,326</u>	<u>84,300</u>	<u>85,940</u>	<u>87,355</u>	<u>88,935</u>	<u>90,463</u>	<u>91,880</u>	<u>93,655</u>	<u>95,251</u>	<u>97,246</u>	<u>1,061,866</u>

NOTES:  
 Note: Depreciation expense is calculated using a useful life of 60 months.  
 Line 9 x 6.1431% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).  
 Line 10 x 1.7317% x 1/12 (Jan-Dec).

TAMPA ELECTRIC COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Estimated For Months January 2021 through December 2021  
 INDUSTRIAL LOAD MANAGEMENT

Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base	0	0	0	0	0	0	0	0	0	0	0	0	0
4. Depreciation Expense	0	0	0	0	0	0	0	0	0	0	0	0	0
5. Cumulative Investment	0	0	0	0	0	0	0	0	0	0	0	0	0
6. Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0
7. Net Investment	0	0	0	0	0	0	0	0	0	0	0	0	0
8. Average Investment	0	0	0	0	0	0	0	0	0	0	0	0	0
9. Return on Average Investment - Equity Component	0	0	0	0	0	0	0	0	0	0	0	0	0
10. Return on Average Investment - Debt Component	0	0	0	0	0	0	0	0	0	0	0	0	0
11. Total Depreciation and Return	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTES:

Note: Depreciation expense is calculated using a useful life of 60 months.  
 Line 9 x 6.1431% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).  
 Line 10 x 1.7317% x 1/12 (Jan-Dec).

TAMPA ELECTRIC COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Estimated For Months January 2021 through December 2021  
 ENERGY EDUCATION AWARENESS AND AGENCY OUTREACH

Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732
4. Depreciation Expense	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>8,748</u>
5. Cumulative Investment	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732
6. Less: Accumulated Depreciation	<u>20,816</u>	<u>21,545</u>	<u>22,274</u>	<u>23,003</u>	<u>23,732</u>	<u>24,461</u>	<u>25,190</u>	<u>25,919</u>	<u>26,648</u>	<u>27,377</u>	<u>28,106</u>	<u>28,835</u>	<u>28,835</u>
7. Net Investment	<u>22,916</u>	<u>22,187</u>	<u>21,458</u>	<u>20,729</u>	<u>20,000</u>	<u>19,271</u>	<u>18,542</u>	<u>17,813</u>	<u>17,084</u>	<u>16,355</u>	<u>15,626</u>	<u>14,897</u>	<u>14,897</u>
8. Average Investment	23,281	22,552	21,823	21,094	20,365	19,636	18,907	18,178	17,449	16,720	15,991	15,262	1,184
9. Return on Average Investment - Equity Component	119	115	112	108	104	101	97	93	89	86	82	78	1,184
10. Return on Average Investment - Debt Component	<u>34</u>	<u>33</u>	<u>31</u>	<u>30</u>	<u>29</u>	<u>28</u>	<u>27</u>	<u>26</u>	<u>25</u>	<u>24</u>	<u>23</u>	<u>22</u>	<u>332</u>
11. Total Depreciation and Return	<u>882</u>	<u>877</u>	<u>872</u>	<u>867</u>	<u>862</u>	<u>858</u>	<u>853</u>	<u>848</u>	<u>843</u>	<u>839</u>	<u>834</u>	<u>829</u>	<u>10,264</u>

NOTES:  
 Note: Depreciation expense is calculated using a useful life of 60 months.  
 Line 9 x 6.1431% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).  
 Line 10 x 1.7317% x 1/12 (Jan-Dec).

TAMPA ELECTRIC COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Estimated For Months January 2021 through December 2021  
 COMMERCIAL LOAD MANAGEMENT

Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base	0	0	0	0	0	0	0	0	0	0	0	0	0
4. Depreciation Expense	0	0	0	0	0	0	0	0	0	0	0	0	0
5. Cumulative Investment	0	0	0	0	0	0	0	0	0	0	0	0	0
6. Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0
7. Net Investment	0	0	0	0	0	0	0	0	0	0	0	0	0
8. Average Investment	0	0	0	0	0	0	0	0	0	0	0	0	0
9. Return on Average Investment - Equity Component	0	0	0	0	0	0	0	0	0	0	0	0	0
10. Return on Average Investment - Debt Component	0	0	0	0	0	0	0	0	0	0	0	0	0
11. Total Depreciation and Return	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTES:  
 Note: Depreciation expense is calculated using a useful life of 60 months.  
 Line 9 x 6.1431% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).  
 Line 10 x 1.7317% x 1/12 (Jan-Dec).



TAMPA ELECTRIC COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Estimated For Months January 2021 through December 2021  
 INTEGRATED RENEWABLE ENERGY SYSTEM

Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment	0	2,250,000	0	0	0	0	0	0	0	0	0	0	2,250,000
2. Retirements	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base	3,024,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552
4. Depreciation Expense	<u>50,409</u>	<u>69,159</u>	<u>87,909</u>	<u>87,909</u>	<u>87,909</u>	<u>87,909</u>	<u>87,909</u>	<u>87,909</u>	<u>87,909</u>	<u>87,909</u>	<u>87,909</u>	<u>87,909</u>	<u>998,658</u>
5. Cumulative Investment	3,024,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552	5,274,552
6. Less: Accumulated Depreciation	94,977	<u>145,386</u>	<u>302,454</u>	<u>390,363</u>	<u>478,272</u>	<u>566,181</u>	<u>654,090</u>	<u>741,999</u>	<u>829,908</u>	<u>917,817</u>	<u>1,005,726</u>	<u>1,093,635</u>	<u>1,093,635</u>
7. Net Investment	<u>2,879,166</u>	<u>5,060,007</u>	<u>4,972,098</u>	<u>4,884,189</u>	<u>4,796,280</u>	<u>4,708,371</u>	<u>4,620,462</u>	<u>4,532,553</u>	<u>4,444,644</u>	<u>4,356,735</u>	<u>4,268,826</u>	<u>4,180,917</u>	<u>4,180,917</u>
8. Average Investment	2,904,371	3,969,587	5,016,053	4,928,144	4,840,235	4,752,326	4,664,417	4,576,508	4,488,599	4,400,690	4,312,781	4,224,872	
9. Return on Average Investment - Equity Component	14,868	20,321	25,678	25,228	24,778	24,328	23,878	23,428	22,978	22,528	22,078	21,628	271,719
10. Return on Average Investment - Debt Component	<u>4,191</u>	<u>5,728</u>	<u>7,239</u>	<u>7,112</u>	<u>6,985</u>	<u>6,858</u>	<u>6,731</u>	<u>6,604</u>	<u>6,477</u>	<u>6,351</u>	<u>6,224</u>	<u>6,097</u>	<u>76,597</u>
11. Total Depreciation and Return	<u>69,468</u>	<u>95,208</u>	<u>120,826</u>	<u>120,249</u>	<u>119,672</u>	<u>119,095</u>	<u>118,518</u>	<u>117,941</u>	<u>117,364</u>	<u>116,788</u>	<u>116,211</u>	<u>115,634</u>	<u>1,346,974</u>

NOTES:  
 Note: Depreciation expense is calculated using a useful life of 60 months.  
 Line 9 x 6.1431% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).  
 Line 10 x 1.7317% x 1/12 (Jan-Dec).

TAMPA ELECTRIC COMPANY  
 Conservation Program Costs

Actual for Months January 2020 through June 2020  
 Projected for Months July 2020 through December 2020

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Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
D0083437 Residential Walk-Through Energy Audit										
Actual	0	564,926	612	0	56,930	0	30,762	8,870	0	662,100
Projected	0	728,482	3,200	0	306,358	0	61,400	16,540	0	1,115,980
Total	0	1,293,408	3,812	0	363,288	0	92,162	25,410	0	1,778,080
D0083432 Residential Customer Assisted Audit										
Actual	0	2,024	0	0	0	0	0	0	0	2,024
Projected	0	3,583	0	398,000	0	0	0	0	0	401,583
Total	0	5,607	0	398,000	0	0	0	0	0	403,607
D0083434, D0083317 Residential Computer Assisted Audit										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	823	0	0	0	0	0	300	0	1,123
Total	0	823	0	0	0	0	0	300	0	1,123
D0083526 Residential Ceiling Insulation										
Actual	0	30,121	0	0	0	34,232	72	674	0	65,099
Projected	0	26,360	0	0	0	70,500	120	200	0	97,180
Total	0	56,481	0	0	0	104,732	192	874	0	162,279
D0083530 Residential Duct Repair										
Actual	0	15,181	0	0	0	24,420	122	14	0	39,737
Projected	0	16,775	0	0	0	29,700	240	340	0	47,055
Total	0	31,956	0	0	0	54,120	362	354	0	86,792
D0083322 Residential Electronically Commutated Motors										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
D0083488 Energy Education, Awareness and Agency Outreach										
Actual	5,536	19,826	27,976	34,898	11,335	0	0	0	0	99,571
Projected	5,381	99,023	6,800	5,192	0	10,800	800	3,600	0	131,596
Total	10,917	118,849	34,776	40,090	11,335	10,800	800	3,600	0	231,167
D0083546 Energy Star Multi-Family										
Actual	0	0	0	0	0	0	0	64	0	64
Projected	0	0	0	0	0	0	0	800	0	800
Total	0	0	0	0	0	0	0	864	0	864
D0083541 Energy Star for New Homes										
Actual	0	13,702	0	0	0	464,100	113	306	0	478,221
Projected	0	15,104	0	0	0	382,500	240	3,070	0	400,914
Total	0	28,806	0	0	0	846,600	353	3,376	0	879,135
D0091086 Energy Star Pool Pumps										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	1,225	0	0	0	1,050	0	200	0	2,475
Total	0	1,225	0	0	0	1,050	0	200	0	2,475

TAMPA ELECTRIC COMPANY  
 Conservation Program Costs  
 Actual for Months January 2020 through June 2020  
 Projected for Months July 2020 through December 2020

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Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
D0091087 Energy Star Thermostats										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	1,922	0	0	0	250	0	200	0	2,372
Total	0	1,922	0	0	0	250	0	200	0	2,372
D0083332 Residential Heating and Cooling										
Actual	0	44,142	297	0	0	229,365	78	1,248	0	275,130
Projected	0	37,467	0	0	0	229,500	180	2,390	0	269,537
Total	0	81,609	297	0	0	458,865	258	3,638	0	544,667
D0083538 Neighborhood Weatherization										
Actual	0	154,433	43,565	280	0	252,629	0	3,212	0	454,119
Projected	0	239,238	880	1,200	0	540,984	17,940	2,960	0	803,202
Total	0	393,671	44,445	1,480	0	793,613	17,940	6,172	0	1,257,321
D0083542 Energy Planner										
Actual	477,041	482,419	25,620	127,457	56,930	0	17,771	31,830	0	1,219,068
Projected	451,530	561,990	8,650	364,218	234,358	0	17,874	43,816	0	1,682,436
Total	928,571	1,044,409	34,270	491,675	291,288	0	35,645	75,646	0	2,901,504
D0091106 Residential Prime Time Plus										
Actual	0	0	0	1,190	0	0	0	0	0	1,190
Projected	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	1,190	0	0	0	0	0	1,190
D0083466 Residential Wall Insulation										
Actual	0	37	0	0	0	274	0	0	0	311
Projected	0	37	0	0	0	110	0	0	0	147
Total	0	74	0	0	0	384	0	0	0	458
D0083486 Residential Window Replacement										
Actual	0	42,337	0	0	0	347,923	112	690	0	391,062
Projected	0	32,959	0	0	0	317,050	240	320	0	350,569
Total	0	75,296	0	0	0	664,973	352	1,010	0	741,631
D0083335 Prime Time										
Actual	0	2,993	0	2,746	0	0	0	195	0	5,934
Projected	0	4,777	0	9,000	0	0	0	450	0	14,227
Total	0	7,770	0	11,746	0	0	0	645	0	20,161
D0083447 Commercial/Industrial Audit (Free)										
Actual	0	118,404	982	0	0	0	563	2,627	0	122,576
Projected	0	152,340	400	0	16,664	0	1,000	2,900	0	173,304
Total	0	270,744	1,382	0	16,664	0	1,563	5,527	0	295,880
D0083446 Comprehensive Commercial/Industrial Audit (Paid)										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	498	0	500	0	0	80	0	0	1,078
Total	0	498	0	500	0	0	80	0	0	1,078

TAMPA ELECTRIC COMPANY  
 Conservation Program Costs  
 Actual for Months January 2020 through June 2020  
 Projected for Months July 2020 through December 2020

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Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
D0083532 Commercial Ceiling Insulation										
Actual	0	0	0	0	0	144	3	0	0	147
Projected	0	229	0	0	0	750	50	0	0	1,029
Total	0	229	0	0	0	894	53	0	0	1,176
D0083534 Commercial Chiller										
Actual	0	0	0	0	0	7,446	3	110	0	7,559
Projected	0	1,955	0	0	0	3,500	25	0	0	5,480
Total	0	1,955	0	0	0	10,946	28	110	0	13,039
D0083487 Cogeneration										
Actual	0	13,829	0	0	0	0	0	0	0	13,829
Projected	0	3,981	0	0	0	0	300	0	0	4,281
Total	0	17,810	0	0	0	0	300	0	0	18,110
D0083318 Conservation Value										
Actual	0	0	0	0	0	0	3	0	0	3
Projected	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	3	0	0	3
D0083543 Cool Roof										
Actual	0	14,439	0	0	0	72,653	40	90	0	87,222
Projected	0	26,341	0	0	0	80,000	300	0	0	106,641
Total	0	40,780	0	0	0	152,653	340	90	0	193,863
D0083540 Commercial Cooling										
Actual	0	567	0	0	0	790	22	110	0	1,489
Projected	0	3,276	0	0	0	660	75	0	0	4,011
Total	0	3,843	0	0	0	1,450	97	110	0	5,500
D0083533 Demand Response										
Actual	0	7,317	0	0	0	1,594,512	0	513	0	1,602,342
Projected	0	16,585	0	0	0	1,519,200	400	0	0	1,536,185
Total	0	23,902	0	0	0	3,113,712	400	513	0	3,138,527
D0083489 Commercial Duct Repair										
Actual	0	37	0	0	0	0	0	0	0	37
Projected	0	100	0	0	0	150	0	0	0	250
Total	0	137	0	0	0	150	0	0	0	287
D0083323 Commercial ECM										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
D0091107 Facility Energy Management System										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	2,306	0	0	0	37,500	0	0	0	39,806
Total	0	2,306	0	0	0	37,500	0	0	0	39,806

TAMPA ELECTRIC COMPANY  
 Conservation Program Costs  
 Actual for Months January 2020 through June 2020  
 Projected for Months July 2020 through December 2020

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Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
D0083506 Industrial Load Management (GLSM 2&3)										
Actual	0	9,085	0	0	0	8,625,447	0	0	0	8,634,532
Projected	0	23,286	0	0	0	8,550,000	700	0	0	8,573,986
Total	0	32,371	0	0	0	17,175,447	700	0	0	17,208,518
D0083547 LED Street and Outdoor Conversion Program										
Actual	0	0	0	0	0	0	0	1,711,155	(72,394)	1,638,761
Projected	0	0	0	0	0	0	0	3,263,760	(37,606)	3,226,154
Total	0	0	0	0	0	0	0	4,974,915	(110,000)	4,864,915
D0083528 Lighting Conditioned Space										
Actual	0	29,071	52	0	0	330,651	47	516	0	360,337
Projected	0	54,142	0	0	0	481,250	200	150	0	535,742
Total	0	83,213	52	0	0	811,901	247	666	0	896,079
D0083544 Lighting Non-Conditioned Space										
Actual	0	27,120	52	0	0	49,234	117	229	0	76,752
Projected	0	26,402	0	0	0	41,000	300	150	0	67,852
Total	0	53,522	52	0	0	90,234	417	379	0	144,604
D0083535 Lighting Occupancy Sensors										
Actual	0	949	0	0	0	3,040	0	0	0	3,989
Projected	0	2,296	0	0	0	2,100	50	0	0	4,446
Total	0	3,245	0	0	0	5,140	50	0	0	8,435
D0083527 CILM (GLSM 1)										
Actual	0	0	0	0	0	2,835	0	0	0	2,835
Projected	0	0	0	0	0	3,780	0	0	0	3,780
Total	0	0	0	0	0	6,615	0	0	0	6,615
D0083536 Refrigeration Anti-condensate Control										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
D0091108 Commercial Smart Thermostats										
Actual	0	2,605	0	0	0	6,000	50	0	0	8,655
Projected	0	2,605	0	0	0	6,000	50	0	0	8,655
Total	0	5,210	0	0	0	12,000	100	0	0	17,310
D0083529 Standby Generator										
Actual	0	18,462	0	83,523	0	1,753,141	0	12,070	0	1,867,196
Projected	0	23,990	0	75,000	0	1,850,440	300	11,400	0	1,961,130
Total	0	42,452	0	158,523	0	3,603,581	300	23,470	0	3,828,326
D0083545 Thermal Energy Storage										
Actual	0	432	0	0	0	0	3	0	0	435
Projected	0	1,692	0	592	0	157,700	50	0	0	160,034
Total	0	2,124	0	592	0	157,700	53	0	0	160,469

TAMPA ELECTRIC COMPANY  
 Conservation Program Costs

Actual for Months January 2020 through June 2020  
 Projected for Months July 2020 through December 2020

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
D0091109 Variable Frequency Drive Control for Compressors										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	2,091	0	0	0	5,000	0	0	0	7,091
Total	0	2,091	0	0	0	5,000	0	0	0	7,091
D0083320 Commercial Wall Insulation										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
D0083537 Commercial Water Heating										
Actual	0	0	0	0	0	0	3	0	0	3
Projected	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	3	0	0	3
D0083539 Conservation Research and Development										
Actual	0	5,491	342	21,154	0	0	0	673	0	27,660
Projected	0	717	0	1,400	0	0	0	0	0	2,117
Total	0	6,208	342	22,554	0	0	0	673	0	29,777
D0083531 Renewable Energy Program (Sun to Go)										
Actual	0	8,542	0	71,108	0	0	0	0	(67,385)	12,265
Projected	0	13,005	85,250	221,000	0	0	50	0	(62,115)	257,190
Total	0	21,547	85,250	292,108	0	0	50	0	(129,500)	269,455
D0083328 Common Expenses										
Actual	0	204,113	199	57,142	0	0	0	68,209	0	329,663
Projected	0	234,245	500	83,950	0	0	0	43,529	0	362,224
Total	0	438,358	699	141,092	0	0	0	111,738	0	691,887
D0090066 Integrated Renewable Energy System (Pilot)										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	131,214	2,389	0	0	0	0	0	0	0	133,603
Total	131,214	2,389	0	0	0	0	0	0	0	133,603
Total All Programs	1,070,702	4,194,231	205,377	1,559,550	682,575	28,114,310	152,798	5,240,480	(239,500)	40,980,524
Less Renewable Energy	0	21,547	85,250	292,108	0	0	50	0	(129,500)	269,455
Total Conservation Expense	1,070,702	4,172,684	120,127	1,267,442	682,575	28,114,310	152,748	5,240,480	(110,000)	40,711,069

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TAMPA ELECTRIC COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Actual for Months January 2020 through June 2020  
 Projected for Months July 2020 through December 2020

PRICE RESPONSIVE LOAD MANAGEMENT

	Beginning of Period	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Total
1. Investment		15,313	66,012	84,391	0	0	0	129,092	129,092	129,092	129,092	129,092	129,092	940,268
2. Retirements		158,229	119,344	162,381	155,227	157,052	117,872	150,242	55,480	103,829	54,610	136,485	36,378	1,407,130
3. Depreciation Base		4,242,119	4,188,787	4,110,797	3,955,570	3,798,519	3,680,647	3,659,497	3,733,109	3,758,372	3,832,854	3,825,461	3,918,175	
4. Depreciation Expense		<u>71,893</u>	<u>70,258</u>	<u>69,163</u>	<u>67,220</u>	<u>64,617</u>	<u>62,326</u>	<u>61,168</u>	<u>61,605</u>	<u>62,429</u>	<u>63,260</u>	<u>63,819</u>	<u>64,530</u>	<u>782,288</u>
5. Cumulative Investment	4,385,035	4,242,119	4,188,787	4,110,797	3,955,570	3,798,519	3,680,647	3,659,497	3,733,109	3,758,372	3,832,854	3,825,461	3,918,175	3,918,175
6. Less: Accumulated Depreciation	2,430,827	<u>2,344,490</u>	<u>2,295,404</u>	<u>2,202,186</u>	<u>2,114,179</u>	<u>2,021,745</u>	<u>1,966,199</u>	<u>1,877,125</u>	<u>1,883,250</u>	<u>1,841,850</u>	<u>1,850,500</u>	<u>1,777,834</u>	<u>1,805,986</u>	<u>1,805,986</u>
7. Net Investment	<u>1,954,208</u>	<u>1,897,629</u>	<u>1,893,383</u>	<u>1,908,611</u>	<u>1,841,391</u>	<u>1,776,774</u>	<u>1,714,448</u>	<u>1,782,372</u>	<u>1,849,859</u>	<u>1,916,522</u>	<u>1,882,354</u>	<u>2,047,627</u>	<u>2,112,189</u>	<u>2,112,189</u>
8. Average Investment		1,925,919	1,895,506	1,900,997	1,875,001	1,809,083	1,745,611	1,748,410	1,816,116	1,883,191	1,949,438	2,014,991	2,079,908	
9. Return on Average Investment - Equity Component		9,571	9,420	9,447	9,318	8,990	8,675	8,756	9,095	9,431	9,763	10,091	10,416	112,973
10. Return on Average Investment - Debt Component		<u>2,788</u>	<u>2,744</u>	<u>2,752</u>	<u>2,714</u>	<u>2,618</u>	<u>2,527</u>	<u>2,612</u>	<u>2,713</u>	<u>2,813</u>	<u>2,912</u>	<u>3,010</u>	<u>3,107</u>	<u>33,310</u>
Total Depreciation and Return		<u>84,252</u>	<u>82,422</u>	<u>81,362</u>	<u>79,252</u>	<u>76,225</u>	<u>73,528</u>	<u>72,536</u>	<u>73,413</u>	<u>74,673</u>	<u>75,935</u>	<u>76,920</u>	<u>78,053</u>	<u>928,571</u>

NOTES:  
 Depreciation expense is calculated using a useful life of 60 months.  
 Line 9 x 5.9635% x 1/12 (Jan-Jun), Line 9 x 6.0096% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).  
 Line 10 x 1.7369% x 1/12 (Jan-Jun), Line 10 x 1.7926% x 1/12 (Jul-Dec).

TAMPA ELECTRIC COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Actual for Months January 2020 through June 2020  
 Projected for Months July 2020 through December 2020

INDUSTRIAL LOAD MANAGEMENT

	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
		Actual	Actual	Actual	Actual	Actual	Actual	Projected	Projected	Projected	Projected	Projected	Projected	
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		0	0	0	0	0	0	0	0	0	0	0	0	0
4. Depreciation Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
5. Cumulative Investment	(0)	0	0	0	0	0	0	0	0	0	0	0	0	0
6. Less: Accumulated Depreciation	(0)	0	0	0	0	0	0	0	0	0	0	0	0	0
7. Net Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Return on Average Investment - Equity Component		0	0	0	0	0	0	0	0	0	0	0	0	0
10. Return on Average Investment - Debt Component		0	0	0	0	0	0	0	0	0	0	0	0	0
Total Depreciation and Return		0	0	0	0	0	0	0	0	0	0	0	0	0

NOTES:

Depreciation expense is calculated using a useful life of 60 months.  
 Line 9 x 5.9635% x 1/12 (Jan-Jun), Line 9 x 6.0096% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).  
 Line 10 x 1.7369% x 1/12 (Jan-Jun), Line 10 x 1.7926% x 1/12 (Jul-Dec).



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TAMPA ELECTRIC COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Actual for Months January 2020 through June 2020  
 Projected for Months July 2020 through December 2020  
 ENERGY EDUCATION AWARENESS AND AGENCY OUTREACH

	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
		Actual	Actual	Actual	Actual	Actual	Actual	Projected	Projected	Projected	Projected	Projected	Projected	
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	
4. Depreciation Expense		<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>8,748</u>
5. Cumulative Investment	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732
6. Less: Accumulated Depreciation	11,339	<u>12,068</u>	<u>12,797</u>	<u>13,526</u>	<u>14,255</u>	<u>14,984</u>	<u>15,713</u>	<u>16,442</u>	<u>17,171</u>	<u>17,900</u>	<u>18,629</u>	<u>19,358</u>	<u>20,087</u>	<u>20,087</u>
7. Net Investment	<u>32,393</u>	<u>31,664</u>	<u>30,935</u>	<u>30,206</u>	<u>29,477</u>	<u>28,748</u>	<u>28,019</u>	<u>27,290</u>	<u>26,561</u>	<u>25,832</u>	<u>25,103</u>	<u>24,374</u>	<u>23,645</u>	<u>23,645</u>
8. Average Investment	32,028	31,300	30,571	29,842	29,113	28,384	27,655	26,926	26,197	25,468	24,739	24,010	24,010	
9. Return on Average Investment - Equity Component	159	156	152	148	145	141	138	135	131	128	124	120	120	1,677
10. Return on Average Investment - Debt Component	46	<u>45</u>	<u>44</u>	<u>43</u>	<u>42</u>	<u>41</u>	<u>41</u>	<u>41</u>	<u>40</u>	<u>39</u>	<u>38</u>	<u>37</u>	<u>36</u>	<u>492</u>
Total Depreciation and Return		<u>934</u>	<u>930</u>	<u>925</u>	<u>920</u>	<u>916</u>	<u>911</u>	<u>908</u>	<u>904</u>	<u>899</u>	<u>895</u>	<u>890</u>	<u>885</u>	<u>10,917</u>

NOTES:  
 Depreciation expense is calculated using a useful life of 60 months.  
 Line 9 x 5.9635% x 1/12 (Jan-Jun), Line 9 x 6.0096% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).  
 Line 10 x 1.7369% x 1/12 (Jan-Jun), Line 10 x 1.7926% x 1/12 (Jul-Dec).

TAMPA ELECTRIC COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Actual for Months January 2020 through June 2020  
 Projected for Months July 2020 through December 2020

COMMERCIAL LOAD MANAGEMENT

	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
		Actual	Actual	Actual	Actual	Actual	Actual	Projected	Projected	Projected	Projected	Projected	Projected	
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		0	0	0	0	0	0	0	0	0	0	0	0	0
4. Depreciation Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
5. Cumulative Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6. Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. Net Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Return on Average Investment - Equity Component		0	0	0	0	0	0	0	0	0	0	0	0	0
10. Return on Average Investment - Debt Component		0	0	0	0	0	0	0	0	0	0	0	0	0
Total Depreciation and Return		0	0	0	0	0	0	0	0	0	0	0	0	0

NOTES:

Depreciation expense is calculated using a useful life of 60 months.  
 Line 9 x 5.9635% x 1/12 (Jan-Jun), Line 9 x 6.0096% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).  
 Line 10 x 1.7369% x 1/12 (Jan-Jun), Line 10 x 1.7926% x 1/12 (Jul-Dec).

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TAMPA ELECTRIC COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Actual for Months January 2020 through June 2020  
 Projected for Months July 2020 through December 2020  
 INTEGRATED RENEWABLE ENERGY SYSTEM

	Beginning of Period	January	February	March	April	May	June	July	August	September	October	November	December	Total
		Actual	Actual	Actual	Actual	Actual	Actual	Projected	Projected	Projected	Projected	Projected	Projected	
1. Investment		0	0	0	0	0	0	129,092	129,092	129,092	129,092	2,379,092	129,092	3,024,553
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		0	0	0	0	0	0	129,092	258,184	387,276	516,368	2,895,460	3,024,552	
4. Depreciation Expense		0	0	0	0	0	0	<u>1,076</u>	<u>3,227</u>	<u>5,379</u>	<u>7,530</u>	<u>28,432</u>	<u>49,333</u>	<u>94,977</u>
5. Cumulative Investment	0	0	0	0	0	0	0	129,092	258,184	387,276	516,368	2,895,460	3,024,552	3,024,552
6. Less: Accumulated Depreciation	0	0	0	0	0	0	0	<u>1,076</u>	<u>4,303</u>	<u>9,682</u>	<u>17,212</u>	<u>45,644</u>	<u>94,977</u>	<u>94,977</u>
7. Net Investment	0	0	0	0	0	0	0	<u>128,016</u>	<u>253,881</u>	<u>377,594</u>	<u>499,156</u>	<u>2,849,816</u>	<u>2,929,575</u>	<u>2,929,575</u>
8. Average Investment		0	0	0	0	0	0	64,008	190,949	315,738	438,375	1,674,486	2,889,696	
9. Return on Average Investment - Equity Component		0	0	0	0	0	0	321	956	1,581	2,195	8,386	14,472	27,911
10. Return on Average Investment - Debt Component		0	0	0	0	0	0	<u>96</u>	<u>285</u>	<u>472</u>	<u>655</u>	<u>2,501</u>	<u>4,317</u>	<u>8,326</u>
Total Depreciation and Return		0	0	0	0	0	0	<u>1,493</u>	<u>4,468</u>	<u>7,432</u>	<u>10,380</u>	<u>39,319</u>	<u>68,122</u>	<u>131,214</u>

NOTES:  
 Depreciation expense is calculated using a useful life of 60 months.  
 Line 9 x 5.9635% x 1/12 (Jan-Jun), Line 9 x 6.0096% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).  
 Line 10 x 1.7369% x 1/12 (Jan-Jun), Line 10 x 1.7926% x 1/12 (Jul-Dec).

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TAMPA ELECTRIC COMPANY  
 Energy Conservation Adjustment  
 Calculation of True-Up

Actual for Months January 2020 through June 2020  
 Projected for Months July 2020 through December 2020

Program Name	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
D0083437 Residential Walk-Through Energy Audit	120,528	106,769	84,115	122,491	109,617	118,580	202,845	187,362	180,637	185,111	174,060	185,966	1,778,080
D0083432 Residential Customer Assisted Audit	670	355	569	0	170	260	398,597	597	597	597	597	597	403,607
D0083317 Residential Computer Assisted Audit	0	0	0	0	0	0	0	0	300	0	823	0	1,123
D0083526 Residential Ceiling Insulation	21,146	12,325	10,599	9,168	5,361	6,500	18,701	18,701	18,701	16,295	13,888	10,894	162,279
D0083530 Residential Duct Repair	8,850	2,789	11,443	10,056	2,405	4,194	7,917	7,917	7,917	8,017	7,957	7,328	86,792
D0083322 Residential Electronically Commutated Motors	0	0	0	0	0	0	0	0	0	0	0	0	0
D0083488 Energy Education, Awareness and Agency Outreach	3,719	28,778	17,558	3,708	27,283	18,525	17,412	28,208	20,501	19,497	22,492	23,487	231,167
D0083546 Energy Star Multi-Family	0	0	64	0	0	0	100	0	500	0	0	200	864
D0083541 Energy Star for New Homes	53,177	87,233	141,044	65,749	50,555	80,463	66,427	66,327	68,627	66,327	66,677	66,527	879,135
D0091086 Energy Star Pool Pumps	0	0	0	0	0	0	0	0	0	0	0	2,475	2,475
D0091087 Energy Star Thermostats	0	0	0	0	0	0	0	0	0	0	0	2,372	2,372
D0083332 Residential Heating and Cooling	46,702	31,424	50,844	46,110	45,287	54,763	54,184	54,184	50,589	43,460	37,576	29,543	544,667
D0083538 Neighborhood Weatherization	124,188	96,843	130,177	62,490	23,697	16,724	129,030	129,030	129,960	129,960	129,960	155,260	1,257,321
D0083542 Energy Planner	189,820	204,368	189,533	267,081	185,834	182,432	250,651	268,758	287,035	288,297	292,782	294,915	2,901,504
D0091106 Residential Prime Time Plus	0	0	0	480	710	0	0	0	0	0	0	0	1,190
D0083466 Residential Wall Insulation	0	0	37	0	0	274	0	0	147	0	0	0	458
D0083486 Residential Window Replacement	81,550	66,574	69,399	61,469	55,402	56,668	61,796	61,796	61,796	61,796	61,796	41,587	741,631
D0083335 Prime Time	725	123	2,904	461	570	1,151	871	871	3,871	3,871	871	3,871	20,161
D0083447 Commercial/Industrial Audit (Free)	27,048	27,841	18,451	13,362	17,335	18,539	23,621	24,621	31,292	32,192	30,792	30,788	295,880
D0083446 Comprehensive Commercial/Industrial Audit (Paid)	1,935	0	(1,935)	0	0	0	0	0	0	0	1,078	0	1,078
D0083532 Commercial Ceiling Insulation	0	3	0	0	0	144	0	0	0	0	1,029	0	1,176

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TAMPA ELECTRIC COMPANY  
 Energy Conservation Adjustment  
 Calculation of True-Up

Actual for Months January 2020 through June 2020  
 Projected for Months July 2020 through December 2020

Program Name	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
D0083534 Commercial Chiller	0	113	0	0	7,446	0	431	0	0	4,186	431	431	13,039
D0083487 Cogeneration	2,901	2,183	2,331	2,136	2,305	1,973	664	664	664	764	764	764	18,110
D0083318 Conservation Value	0	3	0	0	0	0	0	0	0	0	0	0	3
D0083543 Cool Roof	2,776	4,325	37,715	2,079	15,760	24,567	14,440	14,440	14,440	24,440	24,440	14,440	193,863
D0083540 Commercial Cooling	506	310	573	0	100	0	906	906	431	431	431	906	5,500
D0083533 Demand Response	330,704	253,049	254,591	253,941	254,588	255,469	255,964	255,964	255,989	256,089	256,089	256,089	3,138,527
D0083489 Commercial Duct Repair	0	90	(90)	0	0	37	0	0	250	0	0	0	287
D0083323 Commercial ECM	0	0	0	0	0	0	0	0	0	0	0	0	0
D0081107 Facility Energy Management System	0	0	0	0	0	0	0	0	0	0	0	39,806	39,806
D0083506 Industrial Load Management (GLSM 2&3)	1,628,097	1,564,250	1,447,593	1,264,871	1,220,309	1,509,412	1,429,157	1,429,157	1,429,182	1,428,719	1,428,719	1,429,051	17,208,518
D0083547 LED Street and Outdoor Conversion Program	415,614	448,795	451,534	415,530	11,626	289,662	579,497	559,247	545,342	550,877	503,762	487,427	4,864,915
D0083528 Lighting Conditioned Space	53,706	12,826	29,034	240,696	7,024	17,051	17,796	32,581	47,416	224,837	165,696	47,416	896,079
D0083544 Lighting Non-Conditioned Space	10,297	23,857	9,525	17,409	7,181	8,483	9,096	15,131	12,717	9,096	9,096	12,717	144,604
D0083535 Lighting Occupancy Sensors	348	193	867	980	381	1,220	0	0	1,288	1,313	532	1,313	8,435
D0083527 CLIM (GLSM 1)	0	0	0	945	945	945	945	945	945	945	0	0	6,615
D0083536 Refrigeration Anti-condensate Control	0	0	0	0	0	0	0	0	0	0	0	0	0
D0081108 Commercial Smart Thermostats	0	0	0	0	0	0	0	0	0	0	0	0	8,655
D0083529 Standby Generator	340,954	303,231	303,179	309,780	297,267	312,785	324,738	327,218	327,218	327,318	327,318	327,318	3,828,326
D0083545 Thermal Energy Storage	432	3	0	0	0	0	133	133	159,636	133	0	0	160,469
D0081109 Variable Frequency Drive Control for Compressors	0	0	0	0	0	0	0	0	0	0	0	7,091	7,091

C-3

TAMPA ELECTRIC COMPANY  
 Energy Conservation Adjustment  
 Calculation of True-up

Actual for Months January 2020 through June 2020  
 Projected for Months July 2020 through December 2020

Program Name	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
D0083320 Commercial Wall Insulation	0	0	0	0	0	0	0	0	0	0	0	0	0
D0083537 Commercial Water Heating	0	3	0	0	0	0	0	0	0	0	0	0	3
D0083539 Conservation Research and Development	1,133	8,363	1,977	0	13,878	2,309	1,519	119	119	119	119	119	29,777
D0083531 Renewable Energy Program (Sun to Go)	(4,668)	(10,141)	(8,146)	(8,632)	(9,898)	53,750	56,780	(2,300)	63,700	71,373	(8,470)	76,107	269,455
D0083328 Common Expenses	61,807	76,076	42,439	71,630	41,876	35,835	51,421	104,339	52,393	52,852	50,140	51,080	691,887
D0090066 Integrated Renewable Energy System (Pilot)	0	0	0	0	0	0	1,891	4,866	7,830	10,778	39,717	68,520	133,603
Total	3,524,665	3,352,954	3,297,924	2,859,990	2,385,014	3,052,715	3,977,532	3,591,783	3,782,031	3,819,691	3,641,165	3,685,061	40,980,524
Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
Recoverable Conservation Expenses	<u>3,524,665</u>	<u>3,352,954</u>	<u>3,297,924</u>	<u>2,859,990</u>	<u>2,385,014</u>	<u>3,052,715</u>	<u>3,977,532</u>	<u>3,591,783</u>	<u>3,782,031</u>	<u>3,819,691</u>	<u>3,641,165</u>	<u>3,685,061</u>	<u>40,980,524</u>
Less Renewable Energy	(4,668)	(10,141)	(8,146)	(8,632)	(9,898)	53,750	56,780	(2,300)	63,700	71,373	(8,470)	76,107	269,455
Total Conservation Expenses	<u>3,529,333</u>	<u>3,363,095</u>	<u>3,306,070</u>	<u>2,868,622</u>	<u>2,404,912</u>	<u>2,998,965</u>	<u>3,920,752</u>	<u>3,589,483</u>	<u>3,718,331</u>	<u>3,748,318</u>	<u>3,649,635</u>	<u>3,608,954</u>	<u>40,711,069</u>

C-3

TAMPA ELECTRIC COMPANY  
 Energy Conservation Adjustment  
 Calculation of True-up

Actual for Months January 2020 through June 2020  
 Projected for Months July 2020 through December 2020

B. CONSERVATION REVENUES	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1. Conservation Audit Fees (A)	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Conservation Adjustment Revenues * (C-4, page 1 of 1)	3,041,740	2,948,006	2,908,955	3,238,962	3,254,826	3,752,312	2,324,587	2,349,863	2,379,136	2,132,015	1,637,220	1,518,872	31,486,494
3. Total Revenues	3,041,740	2,948,006	2,908,955	3,238,962	3,254,826	3,752,312	2,324,587	2,349,863	2,379,136	2,132,015	1,637,220	1,518,872	31,486,494
4. Prior Period True-up	643,499	643,499	643,499	643,499	643,499	643,499	643,499	643,499	643,499	643,499	643,499	643,502	7,721,991
5. Conservation Revenue Applicable to Period	3,685,239	3,591,505	3,552,454	3,882,461	3,898,325	4,395,811	2,968,086	2,993,362	3,022,635	2,775,514	2,280,719	2,162,374	39,208,485
6. Conservation Expenses (C-3, Page 4, Line 14)	3,534,892	3,363,095	3,307,503	2,868,623	2,404,910	3,063,081	3,920,752	3,594,083	3,718,331	3,748,318	3,649,635	3,608,954	40,782,177
7. Regulatory Adjustment	0	0	632,148	0	(1,541)	(431)	0	0	0	0	0	0	630,176
8. True-up This Period (Line 5 - Line 6)	150,347	228,411	244,951	1,013,838	1,493,415	1,332,729	(952,666)	(600,721)	(685,696)	(972,804)	(1,368,916)	(1,446,580)	(1,573,892)
9. Interest Provision This Period (C-3, Page 6, Line 10)	21,930	20,259	23,804	14,713	967	1,350	3,286	4,804	4,392	3,921	3,341	2,686	105,454
10. True-up & Interest Provision Beginning of Period	15,911,022	15,439,800	15,044,971	15,302,375	15,687,427	16,536,769	17,226,918	15,634,039	14,394,623	13,059,820	11,447,438	9,438,364	15,911,022
11. Prior Period True-up Collected/(Refunded)	(643,499)	(643,499)	(643,499)	(643,499)	(643,499)	(643,499)	(643,499)	(643,499)	(643,499)	(643,499)	(643,499)	(643,502)	(7,721,991)
12. End of Period Total - Over/(Under) Recovered	15,439,800	15,044,971	15,302,375	15,687,427	16,536,769	17,226,918	15,634,039	14,394,623	13,059,820	11,447,438	9,438,364	7,350,968	7,350,968

\* Previous EOP Change  
 Net of Revenue Taxes  
 (A) Included in Line 6

Summary of Allocation		
Demand	Forecast	Ratio
Energy		
Total		

C-3

TAMPA ELECTRIC COMPANY  
 Energy Conservation Adjustment  
 Calculation of Interest Provision

Actual for Months January 2020 through June 2020  
 Projected for Months July 2020 through December 2020

C. INTEREST PROVISION	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1. Beginning True-up Amount (C-3, Page 5, Line 9)	\$15,911,022	\$15,439,800	\$15,044,971	\$15,302,375	\$15,687,427	\$16,536,769	\$17,226,918	\$15,634,039	\$14,394,623	\$13,059,820	\$11,447,438	\$9,438,364	
2. Ending True-up Amount Before Interest (C-3, Page 5, Lines 7 + 9 + 10)	15,417,870	15,024,712	15,278,571	15,672,714	16,535,802	17,225,568	15,630,753	14,389,819	13,055,428	11,443,517	9,435,023	7,348,282	
3. Total Beginning & Ending True-up	\$31,328,892	\$30,464,512	\$30,323,542	\$30,975,089	\$32,223,229	\$33,762,337	\$32,857,671	\$30,023,858	\$27,450,051	\$24,503,337	\$20,882,461	\$16,786,646	
4. Average True-up Amount (50% of Line 3)	\$15,664,446	\$15,232,256	\$15,161,771	\$15,487,545	\$16,111,615	\$16,881,169	\$16,428,836	\$15,011,929	\$13,725,026	\$12,251,669	\$10,441,231	\$8,393,323	
5. Interest Rate - First Day of Month	1.71000	1.64000	1.56000	2.21000	0.06000	0.08000	0.11000	0.38000	0.38000	0.38000	0.38000	0.38000	
6. Interest Rate - First Day of Next Month	1.64000	1.56000	2.21000	0.06000	0.08000	0.11000	0.38000	0.38000	0.38000	0.38000	0.38000	0.38000	
7. Total (Line 5 + Line 6)	3.35000	3.20000	3.77000	2.27000	0.14000	0.19000	0.49000	0.76000	0.76000	0.76000	0.76000	0.76000	
8. Average Interest Rate (50% of Line 7)	1.67500	1.60000	1.88500	1.13500	0.07000	0.09500	0.24500	0.38000	0.38000	0.38000	0.38000	0.38000	
9. Monthly Average Interest Rate (Line 8/12)	0.00140	0.00133	0.00157	0.00095	0.00006	0.00008	0.00020	0.00032	0.00032	0.00032	0.00032	0.00032	
10. Interest Provision (Line 4 x Line 9)	\$21,930	\$20,259	\$23,804	\$14,713	\$967	\$1,350	\$3,286	\$4,804	\$4,392	\$3,921	\$3,341	\$2,686	\$105,454



C-4

TAMPA ELECTRIC COMPANY  
 Energy Conservation  
 Calculation of Conservation Revenues

Actual for Months January 2020 through June 2020  
 Projected for Months July 2020 through December 2020

(1)	(2)	(3)	(4)
Months	Firm MWh Sales	Interruptible MWh Sales	Clause Revenue Net of Revenue Taxes
January	1,455,463	-	3,041,740
February	1,379,438	-	2,948,006
March	1,359,338	-	2,908,955
April	1,535,004	-	3,238,962
May	1,528,939	-	3,254,826
June	1,775,858	-	3,752,312
July	1,911,556	-	2,324,587
August	1,933,926	-	2,349,863
September	1,954,760	-	2,379,136
October	1,798,422	-	2,132,015
November	1,502,908	-	1,637,220
December	1,430,489	-	1,518,872
Total	<u>19,566,100</u>	<u>0</u>	<u>31,486,493</u>

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** RESIDENTIAL ENERGY AUDITS

**Program Description:** A “how to” information and analysis guide for customers. There are four types of residential energy audits available to Tampa Electric customers: Walk-through Free Energy Check, Customer Assisted, Computer Assisted Paid and Building Energy Ratings System (“BERS”).

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, the following energy audit participation is projected:

Residential Walk-Through:	5,000
Residential Customer Assisted:	42,000
Residential Computer Assisted:	1
BERS:	0

January 1, 2021 to December 31, 2021

During this period, the following energy audit participation is projected:

Residential Walk-Through:	4,000
Residential Customer Assisted:	42,000
Residential Computer Assisted:	3
BERS:	0

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$2,182,810.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$2,068,547.

**Program Progress Summary:**

Through December 31, 2019 the following Residential Energy Audit totals are:

Residential Walk-Through:	334,408
Residential Customer Assisted <sup>(1)</sup> :	208,131
Residential Computer Assisted:	3,911
<u>BERS:</u>	<u>80</u>
Total:	546,530

Note 1: Includes Mail-in and On-line audits. Residential Mail-in audit program was retired on December 31, 2004.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** RESIDENTIAL CEILING INSULATION

**Program Description:** A rebate program that encourages existing residential customers to install additional ceiling insulation in existing homes.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are 450 customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 480 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$162,279.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$157,566.

**Program Progress Summary:**

Through December 31, 2019 the following Residential Ceiling Insulation totals are:

Residential Ceiling Insulation: 123,957

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** RESIDENTIAL DUCT REPAIR

**Program Description:** A rebate program that encourages residential customers to repair leaky duct work of central air conditioning systems in existing homes.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are 500 customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 600 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$86,792.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$111,197.

**Program Progress Summary:**

Through December 31, 2019 the following Residential Duct Repair totals are:  
Residential Duct Repair: 103,473

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** RESIDENTIAL ELECTRONICALLY COMMUTATED MOTORS (ECM)

**Program Description:** A rebate program that encourages residential customers to replace their existing HVAC air handler motor with an ECM.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are zero customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are zero customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$0.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$0.

**Program Progress Summary:**

Through December 31, 2019 the following Residential ECM totals are:  
Residential ECM: 5

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** ENERGY EDUCATION, AWARENESS AND AGENCY OUTREACH

**Program Description:** A program that provides opportunities for engaging and educating groups of customers and students on energy-efficiency and conservation in an organized setting. Participants are provided with an energy savings kit which includes energy saving devices and supporting information appropriate for the audience.

**Program Projections:** January 1, 2020 to December 31, 2020.

During this period, there are 750 customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 750 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$231,167.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$273,904.

**Program Progress Summary:**

Through 2019, Tampa Electric has partnered with 138 local schools to present Energy Education to 41,183 students and Electric Vehicle Education to 396 students from 3 local high schools. In addition, the company gave 187 presentations to civic organizations that generated 1,413 customer assisted audits and distributed 7,887 energy saving kits to participating customers.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** ENERGY STAR FOR NEW MULTI-FAMILY RESIDENCES

**Program Description:** A rebate program that encourages the construction of new multi-family residences to meet the requirements to achieve the ENERGY STAR certified apartments and condominium label.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are zero multi-family residences projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 350 multi-family residences projected to participate.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$864.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$105,393.

**Program Progress Summary:**

Through December 31, 2019 the following ENERGY STAR for New Multi-Family Residences totals are:

ENERGY STAR for New Multi-Family Residences: 264

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** ENERGY STAR FOR NEW HOMES

**Program Description:** A rebate program that encourages residential customers to construct residential dwellings that qualify for the Energy Star Award by achieving efficiency levels greater than current Florida building code baseline practices.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are 1,000 customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 1,080 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$879,135.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$1,117,668.

**Program Progress Summary:**

On November 3, 2015 ENERGY STAR for New Homes replaced the prior Residential New Construction Program. Through December 31, 2019 the following ENERGY STAR for New Homes totals are:

ENERGY STAR for New Homes: 14,483



**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** ENERGY STAR POOL PUMPS

**Program Description:** A rebate program that encourages residential customers to make cost-effective improvements to existing residences by installing high efficiency ENERGY STAR rated pool pumps to help reduce their energy consumption.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are three customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 690 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$2,475.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$257,506.

**Program Progress Summary:**

The company is projecting to initiate this program on November 2, 2020.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** ENERGY STAR THERMOSTATS

**Program Description:** A rebate program that encourages residential customers to install an ENERGY STAR certified smart thermostat to help reduce their energy consumption.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are five customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 840 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$2,372.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$66,527.

**Program Progress Summary:**

The company is projecting to initiate this program on November 2, 2020.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** RESIDENTIAL HEATING AND COOLING

**Program Description:** A rebate program that encourages residential customers to install high-efficiency residential heating and cooling equipment in existing homes.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are 3,400 units projected to be installed and approved.

January 1, 2021 to December 31, 2021

During this period, there are 3,425 units projected to be installed and approved.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$544,667.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$538,435.

**Program Progress Summary:**

Through December 31, 2019 the following Residential Heating and Cooling totals are:

Residential Heating and Cooling: 208,404

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** NEIGHBORHOOD WEATHERIZATION

**Program Description:** A program that provides for the installation of energy efficient measures for qualified low-income customers.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are 6,500 customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 6,500 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$1,257,321.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$4,072,170.

**Program Progress Summary:**

Through December 31, 2019 the following Neighborhood Weatherization totals are:

Neighborhood Weatherization: 50,061

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** RESIDENTIAL PRICE RESPONSIVE LOAD MANAGEMENT (ENERGY PLANNER)

**Program Description:** A program that reduces weather-sensitive loads through an innovative price responsive rate used to encourage residential customers to make behavioral or equipment usages changes by pre-programming HVAC, water heating and pool pumps.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are 750 projected customers for this program on a cumulative basis.

January 1, 2021 to December 31, 2021

During this period, there are 1,000 projected customers for this program on a cumulative basis.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$2,901,504.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$3,719,573.

**Program Progress Summary:**

Through December 31, 2019 the following Energy Planner totals are:  
Energy Planner Participating Customers: 5,783

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** RESIDENTIAL PRIME TIME PLUS (RESIDENTIAL LOAD MANAGEMENT)

**Program Description:** A residential incentive program designed to alter the company’s system load curve by reducing summer and winter demand peaks. Residential loads such as heating, air conditioning, water heaters and pool pumps will be controlled via the company’s advanced metering infrastructure (“AMI”) when that system fully becomes available.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are zero customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are zero customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$1,190.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$6,370.

**Program Progress Summary:**

The company is projecting to initiate this program when the company has completed its AMI installation.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** RESIDENTIAL WALL INSULATION

**Program Description:** A rebate program that encourages existing residential customers to install additional wall insulation in existing homes.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are two customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are zero customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2019 to December 31, 2016

Expenditures are estimated to be \$458.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$0.

**Program Progress Summary:**

Through December 31, 2019 the following Residential Wall Insulation totals are:  
Residential Wall Insulation: 199

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** RESIDENTIAL WINDOW REPLACEMENT

**Program Description:** A rebate program that encourages existing residential customers to install window upgrades in existing homes.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are 1,775 customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 1,200 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$741,631.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$205,493.

**Program Progress Summary:**

Through December 31, 2019 the following Residential Window Replacement totals are:

Residential Window Replacement: 16,473



**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** PRIME TIME (LEGACY)

**Program Description:** An incentive program that encourages residential customers to allow the control of weather-sensitive heating, cooling and water heating systems to reduce the associated weather sensitive peak.

**Program Projections:** January 1, 2020 to December 31, 2020

This program is retired.

January 1, 2021 to December 31, 2021

This program is retired.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$20,161.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$19,754.

**Program Progress Summary:**

Program was retired on May 11, 2016.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL/INDUSTRIAL ENERGY AUDITS

**Program Description:** A “how to” information and analysis guide for customers. There are two types of commercial/industrial energy audits available to Tampa Electric customers: Commercial/Industrial (Free) and Comprehensive Commercial/Industrial (Paid).

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, the following energy audit participation is projected:

Commercial/Industrial (Free):	500
Comprehensive Commercial/Industrial (Paid):	1

January 1, 2021 to December 31, 2021

During this period, the following energy audit participation is projected:

Commercial/Industrial (Free):	900
Comprehensive Commercial/Industrial (Paid):	4

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$296,957.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$396,579.

**Program Progress Summary:**

Through December 31, 2019 the following Commercial Energy Audit totals are:

Commercial/Industrial (Free):	27,072
Comprehensive Commercial/Industrial (Paid):	239
<u>Commercial Mail-in</u>	<u>1,477</u>
Commercial/Industrial Total	28,788

Commercial Mail-in audit program was retired on December 31, 2004.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** COMMERCIAL CEILING INSULATION

**Program Description:** A rebate program that encourages commercial and industrial customers to install additional ceiling insulation in existing commercial structures.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there is one customer projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are zero customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$1,176.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$0.

**Program Progress Summary:**

Through December 31, 2019 the following Commercial Ceiling Insulation totals are:

Commercial Ceiling Insulation: 324

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL CHILLER

**Program Description:** A rebate program that encourages commercial and industrial customers to install high efficiency chiller equipment.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are two units projected to be installed and approved.

January 1, 2021 to December 31, 2021

During this period, there are five units projected to be installed and approved.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$13,039.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$18,770.

**Program Progress Summary:**

Through December 31, 2019 the following Commercial Chiller totals are:  
Commercial Chiller: 74

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** COGENERATION

**Program Description:** An incentive program whereby large industrial customers with waste heat or fuel resources may install electric generating equipment, meet their own electrical requirements and/or sell their surplus to the company.

**Program Projections:** January 1, 2020 to December 31, 2020

The company continues communication and interaction with all existing participants and potential developers regarding current and future cogeneration customers. There are no new cogeneration facility additions projected.

January 1, 2021 to December 31, 2021

The company continues communication and interaction with all existing participants and potential developers regarding current and future cogeneration customers. Tampa Electric will continue working with customers to evaluate the economics of additional capacity in future years.

**Program Fiscal  
Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$18,110.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$58,191.

**Program Progress  
Summary:**

At the end of 2019, there are seven cogeneration Qualifying Facilities (“QFs”) that are on-line in Tampa Electric’s service area. These facilities have a total combined nameplate generation capacity of 443.3 MW. This includes generation that is connected but wheeled outside of Tampa Electric’s service area.

The company continues interaction with existing participants and potential developers regarding current and future cogeneration activities.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** CONSERVATION VALUE

**Program Description:** A rebate program that encourages commercial and industrial customers to invest in energy efficiency and conservation measures that are not sanctioned by other commercial programs.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are zero customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there is one customer projected to participate.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$3.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$82,118.

**Program Progress Summary:**

Through December 31, 2019 the following Conservation Value totals are:  
Conservation Value: 51

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL COOL ROOF

**Program Description:** A rebate program that encourages commercial and industrial customers to install a cool roof system above conditioned spaces.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are 15 customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are zero customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$193,863.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$0.

**Program Progress Summary:**

Through December 31, 2019 the following Commercial Cool Roof totals are:  
Commercial Cool Roof: 268

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL COOLING

**Program Description:** A rebate program that encourages commercial and industrial customers to install high efficiency direct expansion commercial air conditioning cooling equipment.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are 15 units projected to be installed and approved.

January 1, 2021 to December 31, 2021

During this period, there are ten units projected to be installed and approved.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$5,500.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$4,671.

**Program Progress Summary:**

Through December 31, 2019 the following Commercial Cooling totals are:  
Commercial Cooling: 2,338



## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** DEMAND RESPONSE

**Program Description:** A turn-key incentive program for commercial and industrial customers to reduce their demand for electricity in response to market signals.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are 40 MW of demand response available for control.

January 1, 2021 to December 31, 2021

During this period, there are 40 MW of demand response projected to be available for control.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$3,138,527.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$3,077,070.

**Program Progress Summary:**

Through December 31, 2019, Tampa Electric was subscribed for 40 MW.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL DUCT REPAIR

**Program Description:** A rebate program that encourage existing commercial and industrial customers to repair leaky ductwork of central air-conditioning systems in existing commercial and industrial facilities.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there is one repair projected to be made.

January 1, 2021 to December 31, 2021

During this period, there are zero repairs projected to be made.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$287.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$0.

**Program Progress Summary:**

Through December 31, 2019 the following Commercial Duct Repair totals are:  
Commercial Duct Repair: 11,039

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL ELECTRONICALLY COMMUTATED MOTORS (ECM)

**Program Description:** A rebate program that encourages commercial and industrial customers to replace their existing air handler motors or refrigeration fan motors with an ECM.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are zero customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are zero customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$0.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$0.

**Program Progress Summary:**

Through December 31, 2019 the following Commercial ECM totals are:  
Commercial ECM: 1,512

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** FACILITY ENERGY MANAGEMENT SYSTEM

**Program Description:** A rebate program that encourages commercial/industrial customers to install a facility energy management system.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are two customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 24 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$39,806.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$479,447.

**Program Progress Summary:**

The company is projecting to initiate this program on November 2, 2020.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** INDUSTRIAL LOAD MANAGEMENT (GSLM 2&3)

**Program Description:** An incentive program whereby large industrial customers allow for the interruption of their facility or portions of their facility electrical load.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, one new customer is projected to participate.

January 1, 2021 to December 31, 2021

During this period, one new customer is projected to participate.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$17,208,518.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$17,146,295.

**Program Progress Summary:**

Through December 31, 2019, there are 34 customers participating.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** LED STREET AND OUTDOOR LIGHTING CONVERSION

**Program Description:** A conservation program that converts the company's existing metal halide and high-pressure sodium street and outdoor luminaires to light emitting diode luminaires. The program allows for the recovery of the remaining unamortized costs in rate base associated with the luminaires converted.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are 40,000 luminaires projected to be converted.

January 1, 2021 to December 31, 2021

During this period, there are 45,000 luminaires projected to be converted.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Undepreciated net book value expenditures are estimated to be \$4,974,915  
Salvage value associated with converted luminaires are estimated to be \$110,000  
Net expenditures are estimated to be \$4,864,915

January 1, 2021 to December 31, 2021

Undepreciated net book value expenditures are estimated to be \$5,625,000  
Salvage value associated with converted luminaires are estimated to be \$127,500  
Net expenditures are estimated to be \$5,497,500

**Program Progress Summary:**

Through December 31, 2019 the following street and outdoor metal halide and high-pressure sodium luminaires have been converted to light emitting diode luminaires:

Converted luminaires: 64,302

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** LIGHTING CONDITIONED SPACE

**Program Description:** A rebate program that encourages commercial and industrial customers to invest in more efficient lighting technologies in existing conditioned areas of commercial and industrial facilities.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are 200 customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 195 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$896,079.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$602,808.

**Program Progress Summary:**

Through December 31, 2019 the following Lighting Conditioned Space totals are:  
Lighting Conditioned Space: 2,786

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** LIGHTING NON-CONDITIONED SPACE

**Program Description:** A rebate program that encourages commercial and industrial customers to invest in more efficient lighting technologies in existing non-conditioned areas of commercial and industrial facilities.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are 70 customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 115 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$144,604.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$167,789.

**Program Progress Summary:**

Through December 31, 2019 the following Lighting Non-Conditioned Space totals are:

Lighting Non-Conditioned Space: 929



**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** LIGHTING OCCUPANCY SENSORS

**Program Description:** A rebate program that encourages commercial and industrial customers to install occupancy sensors to control commercial lighting systems.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are six units projected to be installed and approved.

January 1, 2021 to December 31, 2021

During this period, there are 15 units projected to be installed and approved.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$8,435.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$20,615.

**Program Progress Summary:**

Through December 31, 2019 the following Lighting Occupancy Sensors totals are:  
Lighting Occupancy Sensors: 226

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL LOAD MANAGEMENT

**Program Description:** An incentive program that encourages commercial and industrial customers to allow for the control of weather-sensitive heating, cooling and water heating systems to reduce the associated weather sensitive peak.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are zero new installations projected.

January 1, 2021 to December 31, 2021

During this period, there are zero new installations projected.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$6,615.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$6,615.

**Program Progress Summary:**

Through December 31, 2019 the following Commercial Load Management totals are:

Commercial Load Management Participating Customers: 5

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** REFRIGERATION ANTI-CONDENSATE CONTROL

**Program Description:** A rebate program that encourages commercial and industrial customers to install anti-condensate equipment sensors and control within refrigerated door systems.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are zero customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are zero customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$0.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$0.

**Program Progress Summary:**

Through December 31, 2019 the following Refrigeration Anti-Condensate totals are:

Refrigeration Anti-Condensate: 0

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL SMART THERMOSTAT

**Program Description:** A rebate program that encourages commercial and industrial customers to install smart thermostats to help reduce their demand.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are five customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 60 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$8,655.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$179,561.

**Program Progress Summary:**

The company is projecting to initiate this program on November 2, 2020.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** STANDBY GENERATOR

**Program Description:** An incentive program designed to utilize the emergency generation capacity of commercial/industrial facilities in order to reduce weather sensitive peak demand.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are six new installations projected.

January 1, 2021 to December 31, 2021

During this period, there are three new installations projected.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$3,828,326.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$4,043,461.

**Program Progress Summary:**

Through December 31, 2019 the following Standby Generator totals are:  
Standby Generator Participating Customers: 102

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** THERMAL ENERGY STORAGE

**Program Description:** A rebate program that encourages commercial and industrial customers to install an off-peak air conditioning system.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are zero customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are zero customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$160,469.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$0.

**Program Progress Summary:**

Through December 31, 2019 the following Thermal Energy Storage totals are:  
Thermal Energy Storage: 3

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** VARIABLE FREQUENCY DRIVE CONTROL FOR COMPRESSORS

**Program Description:** A rebate program that encourages commercial and industrial customers to install variable frequency drives to their new or existing refrigerant or air compressor motors.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are two customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are 48 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$7,091.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$84,783.

**Program Progress Summary:**

The company is projecting to initiate this program on November 2, 2020.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL WALL INSULATION

**Program Description:** A rebate program that encourages commercial and industrial customers to install wall insulation in existing commercial and industrial structures.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are zero customers projected to participate.

January 1, 2021 to December 31, 2021

During this period, there are zero customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$0.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$0.

**Program Progress Summary:**

Through December 31, 2019 the following Commercial Wall Insulation totals are:  
Commercial Wall Insulation: 2



**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMERCIAL WATER HEATING

**Program Description:** A rebate program that encourages commercial and industrial customers to install high efficiency water heating systems.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are zero units projected to be installed and approved.

January 1, 2021 to December 31, 2021

During this period, there is one unit projected to be installed and approved.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$3.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$2,191.

**Program Progress Summary:**

Through December 31, 2019 the following Commercial Water Heating totals are:  
Commercial Water Heating: 0

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** INTEGRATED RENEWABLE ENERGY SYSTEM (PILOT)

**Program Description:** A five-year pilot program to study the capabilities and DSM opportunities of a fully integrated renewable energy system.

**Program Projections:** See Program Progress Summary.

**Program Fiscal Expenditures:** January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$133,603.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$1,351,751.

**Program Progress Summary:** The company is initiating the five-year pilot program in 2020.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** DSM RESEARCH AND DEVELOPMENT (R&D)

**Program Description:** A program that allows for the exploration of DSM measures that have insufficient data on the cost-effectiveness of the measure and the potential impact to Tampa Electric and its ratepayers.

**Program Projections:** See Program Progress Summary.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$29,777.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$2,495.

**Program Progress Summary:**

Currently, Tampa Electric continues to monitor and review possible programs to research and develop and has the following four R&D evaluations in progress:

1. Home energy management system.
2. Electric vehicle benefits and impacts.
3. Battery storage for peak shifting.
4. Heat Pump Water Heater inclusion into the Energy Planner Program.

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** RENEWABLE ENERGY PROGRAM

**Program Description:** This program is designed to promote and deliver renewable energy options to the company's customers. This specific effort provides funding for program administration, generation, evaluation of potential new renewable sources and market research.

**Program Projections:** January 1, 2020 to December 31, 2020

During this period, there are 1,300 projected customers with 2,200 subscribed monthly blocks estimated on a cumulative basis.

During this period, there are 100 blocks estimated to be purchased on a one-time basis.

January 1, 2021 to December 31, 2021

During this period, there are 1,200 projected customers with 1,900 subscribed monthly blocks estimated on a cumulative basis.

During this period, there are 1,500 blocks estimated to be purchased on a one-time basis.

**Program Fiscal Expenditures:**

January 1, 2020 to December 31, 2020

During this period, the company anticipates revenues of approximately \$129,500 to be used for new renewable generation. At the end of this period, the company projects the deferred balance (credits) to be \$143,906.

January 1, 2021 to December 31, 2021

During this period, the company anticipates revenues of approximately \$117,660 to be used for new renewable generation. At the end of this period, the company projects the deferred balance (credits) to be \$46,029.

**Program Progress Summary:**

Through December 31, 2019, there were 1,394 customers with 2,277 blocks subscribed. In addition, there were 183 blocks of renewable energy purchased on a one-time basis. On a cumulative basis, there have been 526,721 monthly subscription blocks and 3,053 one-time blocks of renewable energy purchased.

**PROGRAM DESCRIPTION AND PROGRESS**

**Program Title:** COMMON EXPENSES

**Program Description:** These are expenses common to all programs.

**Program Projections:** N/A

**Program Fiscal Expenditures:** January 1, 2020 to December 31, 2020

Expenditures are estimated to be \$691,887.

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$846,998.

**Program Progress Summary:** N/A

Exhibit No. MRR-2 "Final Tax Savings Credit" (Updated)

Tampa Electric's - January 2020 "Final Tax Savings Credit"					
	Debit (Credit to Customers on Bills)	Credit (Amounts adjusted from Customers on Bills)	Net Credit to Customers on Bills	Debit (Credit to Customers - Journal entry to Clause	Balance
January	\$10,924,654.12	\$74,475.82	\$10,850,178.30		\$11,500,000.00
February	\$94,528.55	\$69,637.57	\$24,890.98		\$649,821.70
March	\$42,301.09	\$48,851.09	-\$6,550.00	\$632,147.83	\$624,930.72
April	\$4,640.90	\$4,770.98	-\$130.08		-\$667.11
May	\$6,727.66	\$5,700.87	\$1,026.79	-\$1,540.78	-\$537.03
June	\$1,879.46	\$1,471.66	\$407.80	-\$430.84	-\$23.04
					\$0.00