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August 5, 2022

**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. 20220002-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 No. MRR-2 of Mark R. Roche.

Thank you for your assistance in connection with this matter.

Sincerely,

A handwritten signature in blue ink that reads 'Malcolm N. Means'.

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. 20220002-EG  
FILED: August 5, 2022

**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 2023. In support thereof, the company says:

**Conservation Cost Recovery**

1. During the period January through December 2021, Tampa Electric incurred actual net conservation costs of \$46,328,538 plus a beginning true-up over-recovery of \$20,908,081 for a total of \$25,420,457. The amount collected through the Conservation Cost Recovery Clause was \$30,030,121. The true-up amount for January through December 2021 was an over-recovery of \$10,818,286 including interest. (See Exhibit No. MRR-1; Schedule CT-1, Page 1 of 1 and CT-2, Page 1 of 4, filed May 2, 2022).

2. During the period January through December 2022, the company anticipates incurring expenses of \$52,490,676. For the period, the total net true-up over-recovery is estimated to be \$361,923, which includes the 2021 true-up, a credit to customers of \$6,198,225 which recognized the impact of the 2021 State tax rate change, and interest. (See Exhibit No. MRR-2; Schedule C-3, page 10 of 12).

3. For the forthcoming cost recovery period January through December 2023, Tampa Electric projects its total incremental conservation costs to be \$49,089,579. Tampa Electric's total true-up and projected expenditures for the projection period are estimated to be \$48,727,656

including true-up estimates for January through December 2023. Utilizing the rate design and cost allocation as put forth in Docket No. 20210034-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	0.281
GS and CS	0.275
GSD Optional–Secondary	0.211
GSD Optional–Primary	0.209
GSD Optional–Subtransmission	0.207
LS-1, LS-2	0.253

<b><u>Rate Schedule</u></b>	<b><u>Cost Recovery Factors (dollars per kW)</u></b>
GSD-Secondary	0.88
GSD-Primary	0.87
GSD-Subtransmission	0.86
SBD–Secondary	0.88
SBD–Primary	0.87
SBD–Subtransmission	0.86
GSLD-Primary	0.84
GSLD–Subtransmission	0.74

(See Exhibit No. MRR-2; Schedule C-1c, Page 1 of 1)

4. The Contracted Credit Value (“CCV”) amounts for the forthcoming cost recovery period, January through December 2022, 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>
\$11.75	\$11.63	\$11.52

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 2023 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 2023 residential base rates and the 2023 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.

6. 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, 2023 through December 31, 2023.

DATED this 5<sup>th</sup> day of August 2022.

Respectfully submitted,



---

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## 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 5<sup>th</sup> day of August 2022 to the following:

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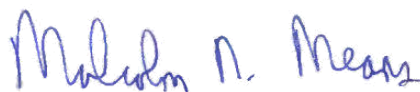
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---

ATTORNEY



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

**BEFORE THE**  
**FLORIDA PUBLIC SERVICE COMMISSION**  
**DOCKET NO. 20220002-EG**  
**IN RE: CONSERVATION COST RECOVERY CLAUSE**  
**TESTIMONY AND EXHIBIT**  
**OF**  
**MARK R. ROCHE**

**FILED: AUGUST 5, 2022**

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-four years of  
23          electric utility experience. My utility work has  
24          included various positions in Marketing and Sales,  
25          Customer Service, Distributed Resources, Load Management,



1 Power Quality, Distribution Control Center operations,  
2 Meter Department, Meter Field Operations, Service  
3 Delivery, Revenue Assurance, Commercial and Industrial  
4 Energy Management Services, Demand Side Management  
5 ("DSM") Planning and Forecasting. In my current  
6 position, I am responsible for Tampa Electric's Energy  
7 Conservation Cost Recovery ("ECCR") Clause and Storm  
8 Protection Plan Cost 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 2021, the actual/projected  
22 period January to December 2022, and the projected period  
23 January through December 2023. The projected 2023 ECCR  
24 factors have been calculated based on the current  
25 allocation methodology that was approved within Docket

1 No. 20210034-EI (Petition for Rate Increase by Tampa  
2 Electric Company). Also, I will support the appropriate  
3 Contracted Credit Value ("CCV") for participants in the  
4 General Service Industrial Load Management Riders ("GSLM-  
5 2" and "GSLM-3") for the period January through December  
6 2023. I will also support the appropriate Residential  
7 Variable Pricing Rates ("RSVP-1") for participants in the  
8 Residential Price Responsive Load Management Program for  
9 the period January through December 2023.

10  
11 **Q.** Did you prepare any exhibits in support of your  
12 testimony?

13  
14 **A.** Yes. Exhibit No. MRR-2 was prepared under my direction  
15 and supervision. Exhibit No. MRR-2 includes Schedules C-  
16 1 through C-5 and associated data which support the  
17 development of the conservation cost recovery factors for  
18 January through December 2023 using the allocation  
19 methodology that was approved within Docket No. 20210034-  
20 EI.

21  
22 **Q.** Does the Exhibit No. MRR-2 meet the requirements of Rule  
23 25-17.015, Florida Administrative Code ("F.A.C."), which  
24 requires the projection filing to include the annual  
25 estimated/actual true-up filing showing actual and

1 projected common costs, individual program costs, and any  
2 revenues collected?

3

4 **A.** Yes, it does.

5

6 **Q.** What timeframe did Tampa Electric use to develop its 2022  
7 annual estimated/actual true-up filing?

8

9 **A.** Tampa Electric developed its 2022 annual estimated/actual  
10 true-up filing showing actual and projected common costs,  
11 individual program costs, and any revenues collected  
12 based upon six months of actuals and six months of  
13 estimates.

14

15 **Q.** Please describe the conservation program costs projected  
16 by Tampa Electric during the period January through  
17 December 2021.

18

19 **A.** For the period January through December 2021, Tampa  
20 Electric projected conservation program costs to be  
21 \$46,789,811. The Commission authorized collections to  
22 recover these expenses in Docket No. 20200002-EG, Order  
23 No. PSC-2020-0447-FOF-EG, issued November 19, 2020.

24

25 **Q.** For the period January through December 2021, what were

1 Tampa Electric's conservation costs and what was  
2 recovered through the ECCR clause?

3

4 **A.** For the period January through December 2021, Tampa  
5 Electric incurred actual net conservation costs of  
6 \$46,328,538 plus a beginning true-up over-recovery of  
7 \$20,908,081 for a total of \$25,420,457. The amount  
8 collected in the ECCR clause was \$30,030,121.

9

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

11

12 **A.** The true-up amount for the period January through  
13 December 2021 was an over-recovery of \$10,818,286  
14 including interest.

15

16 **Q.** Please describe the conservation program costs projected  
17 to be incurred by Tampa Electric during the period  
18 January through December 2022?

19

20 **A.** The actual costs incurred by Tampa Electric through June  
21 2022 and projected for July through December 2022 are  
22 \$52,490,676. For the period, Tampa Electric anticipates  
23 an over-recovery in the ECCR Clause of \$361,923 which  
24 includes the 2021 true-up, a credit to customers of  
25 \$6,198,225 which recognized the impact of the 2021 State

1 tax rate change on Tampa Electric, and interest. A  
2 summary of these costs and estimates is fully detailed  
3 in Exhibit No. MRR-2, Conservation Costs Projected, pages  
4 28 through 39.

5  
6 **Q.** Has Tampa Electric proposed any new or modified DSM  
7 Programs for ECCR cost recovery for the period January  
8 through December 2023?

9  
10 **A.** No, at this time Tampa Electric is not proposing any new  
11 or modified programs for ECCR cost recovery for the  
12 period January through December 2023. Tampa Electric has  
13 begun the process of working on the development of the  
14 next Technical Potential which will support the company's  
15 proposed 2025-2034 DSM Goals and associated DSM Plans.

16  
17 **Q.** Your 2021 True-up testimony filed on May 2, 2022  
18 described an adjustment credit made to address the  
19 impacts of the 2021 State Tax Rate Change on Tampa  
20 Electric as provided in the Commission approved 2017  
21 Agreement that was approved by Order No. PSC-2017-0456-S-  
22 EI that was issued on November 27, 2017. Was this  
23 adjustment credit included in proposed conservation costs  
24 for the period January through December 2023.

25

1 **A.** Yes, the credit of \$6,198,225 to customers which  
2 recognized the impacts of the 2021 State Tax Rate Change  
3 on Tampa Electric was made to adjust the 2021 final end  
4 of period true-up amount which was reflected in proposed  
5 conservation costs for the period January through  
6 December 2023.

7  
8 **Q.** Please summarize the proposed conservation costs for the  
9 period January through December 2023 and the annualized  
10 recovery factors applicable for the period January  
11 through December 2023?

12  
13 **A.** Tampa Electric estimates the total conservation costs  
14 (less program revenues) during the period will be  
15 \$49,089,579 plus the true-up. Including true-up  
16 estimates, the January through December 2023 cost  
17 recovery factors allocated using the allocation  
18 methodology that was approved within Docket No. 20210034-  
19 EI for firm retail rate classes are as follows:

20  
21

	<b>Cost Recovery Factors</b>
<b><u>Rate Schedule</u></b>	<b><u>(cents per kWh)</u></b>
23 RS	0.281
24 GS and CS	0.275
25 GSD Optional - Secondary	0.211

1	GSD Optional - Primary	0.209
2	GSD Optional - Subtransmission	0.207
3	LS-1, LS-2	0.253

**Cost Recovery Factors**

6	<u>Rate Schedule</u>	<u>(dollars per kW)</u>
7	GSD - Secondary	0.88
8	GSD - Primary	0.87
9	GSD - Subtransmission	0.86
10	SBD - Secondary	0.88
11	SBD - Primary	0.87
12	SBD - Subtransmission	0.86
13	GSLD - Primary	0.84
14	GSLD - Subtransmission	0.74

15

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

19

20 **A.** Yes, it has.

21

22 **Q.** To develop the projected 2023 costs and proposed ECCR  
 23 rate factors above, did Tampa Electric use the Return on  
 24 Equity that was approved for use in the company's most  
 25 recent Settlement Agreement in Docket No. 20210034-EI?

1     **A.** Tampa Electric used the Return on Equity ("ROE") of 9.95  
2     percent for the January through June 2022 period that was  
3     approved in Docket No. 20210034-EI. The company used the  
4     ROE of 10.20 percent for the July through December 2022  
5     period and for the January through December 2023 period.

6  
7     **Q.** Why did the company use the 10.20 percent starting in  
8     July 2022?

9  
10    **A.** Tampa Electric filed a petition on July 1, 2022, to  
11    implement a ROE provision in the company's 2021  
12    Agreement. This petition is being heard by the  
13    Commission in Docket No. 20220122-EI. If approved, this  
14    petition will increase the mid-point ROE from 9.95  
15    percent to 10.20 percent effective July 1, 2022, for all  
16    regulatory purposes.

17  
18    **Q.** Please explain why the incentive for GSLM-2 and GSLM-3  
19    rate riders is included in your testimony?

20  
21    **A.** In Docket No. 19990037-EI, Tampa Electric petitioned the  
22    Commission to close its non-cost-effective interruptible  
23    service rate schedules while initiating the provision of  
24    a cost-effective non-firm service through a new load  
25    management program. This program would be funded through



1 the ECCR clause and the appropriate monthly CCV billing  
2 credit for participating customers would be submitted for  
3 Commission approval as part of the company's annual ECCR  
4 projection filing.

5  
6 **Q.** Is Tampa Electric recalculating the 2022 CCV amount?

7  
8 **A.** No, in Tampa Electric's 2021 Stipulation and Agreement in  
9 Docket No. 20210034-EI specified the values to be used  
10 for the CCV amount on an ongoing basis. The 2021  
11 Stipulation and Settlement Agreement was approved by the  
12 Commission in Final Order No. PSC-2021-0423-S-EI, on  
13 November 10, 2021.

14  
15 **Q.** What were the CCV amounts approved by the Commission?

16  
17 **A.** The CCV amounts approved by the Commission were \$11.75  
18 per kW for secondary, \$11.63 per kW for primary and  
19 \$11.52 per kW for subtransmission voltage customers.  
20 These CCV amounts took effect on January 1, 2022.

21  
22 **Q.** What is the appropriate CCV for customers who elect to  
23 take service under the GSLM-2 and GSLM-3 rate riders  
24 during the January through December 2023 period?

25

1 **A.** For the January through December 2023 period, the CCV  
2 amounts are:

3  
4 **CCV dollars per kW by Voltage Level**

5

<u>Secondary</u>	<u>Primary</u>	<u>Subtransmission</u>
\$11.75	\$11.63	\$11.52

6  
7

8 If the 2023 assessment for need determination indicates  
9 the availability of new non-firm load, the CCV will be  
10 applied to new subscriptions for service under those rate  
11 riders.

12  
13 **Q.** Please explain why the RSVP-1 rates for Residential Price  
14 Responsive Load Management are in your testimony?

15  
16 **A.** Tampa Electric's petition to allow its pilot residential  
17 price responsive load management initiative to become  
18 permanent was approved by the Commission on August 28,  
19 2007, in Docket No. 20070056-EG. This program will be  
20 funded through the ECCR clause and the appropriate annual  
21 RSVP-1 rates for customers are to be submitted for  
22 Commission approval as part of the company's annual ECCR  
23 projection filing.

24  
25 **Q.** What are the appropriate RSVP-1 rates for customers who

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elect to take this service during the period January through December 2023?

**A.** 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 2023 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 2023 residential base rates and the 2023 projected clause amounts for ECCR, Fuel and Purchased Power Cost Recovery, Capacity Cost Recovery and the Environmental Cost Recovery as soon as the remaining clause factors are finalized.

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

**A.** Yes it does.

ENERGY CONSERVATION COST RECOVERY CLAUSE  
COSTS PROJECTED

2023 ENERGY CONSERVATION COST RECOVERY FACTORS,

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TAMPA ELECTRIC COMPANY  
 CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS  
 JANUARY 2023 THROUGH DECEMBER 2023  
 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	53.95%	9,986,591	2,113	1.07443	1.05243	10,510,207	2,271	50.16%	59.19%	58.49%
GS,CS	57.87%	912,161	180	1.07443	1.05241	959,971	193	4.58%	5.03%	5.00%
GSD Optional	3.96%	370,822	57	1.07347	1.05132	389,854	61	1.86%	1.59%	1.61%
GSD, SBD, RSD	70.93%	6,640,888	1,012	1.07347	1.05132	6,981,713	1,087	33.32%	28.33%	28.71%
GSLDPR	104.98%	1,256,480	137	1.04491	1.02631	1,289,536	143	6.15%	3.73%	3.92%
GSLDSU	102.86%	700,733	78	1.02670	1.01426	710,728	80	3.39%	2.08%	2.18%
LS1, LS2	879.82%	107,962	1	1.07443	1.05243	113,622	2	0.54%	0.05%	0.09%
TOTAL		19,975,636	3,578			20,955,631	3,837	100%	100%	100%

- (1) AVG 12 CP load factor based on projected 2022 calendar data.
- (2) Projected MWh sales for the period Jan. 2022 thru Dec. 2022
- (3) Calculated: Col (2) / (8760\*Col (1)).
- (4) Based on 2022 projected demand losses.
- (5) Based on 2022 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.

Projection Year

2023

Calculation of GSDO Portion		RS (Tier 1, Tier 2, RSVP)	GS & CS	GSD, SBD	GSD Optional	GSLDPR, SBLDPR	GSLDSU, SBLDSU	LS1, LS2	LTG-FAC
2021 Settlement Cost Allocation Factor		78.1193%	9.5582%	4.7043%	0.2488%	0.6437%	0.3629%	6.6115%	0.0000%
Factors to be used		RS (Tier 1, Tier 2, RSVP)	GS & CS	GSD, SBD	GSD Optional	GSLDPR, SBLDPR	GSLDSU, SBLDSU	LS1, LS2	LTG-FAC
Cost Allocation Factor		78.1193%	9.5582%	4.4555%	0.2488%	0.6437%	0.3629%	6.6115%	0.0000%

Load Forecast Data at Meter for Projected Year

	MWh	kW
RS (Tier 1, Tier 2, RSVP)	9,986,591	
GS & CS	912,161	
GSD, SBD	6,640,888	15,814,266
GSD Optional	370,822	
GSLDPR, SBLDPR	1,256,480	2,512,433
GSLDSU, SBLDSU	700,733	1,588,948
LS1, LS2	107,962	
LTG-FAC	0	

	2023 Revenue Requirements with 2021 Settlement methodology from Docket No. 20210034-EI
Revenue Requirement for Projected Year (Incremental Portion)	\$2,632,214

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TAMPA ELECTRIC COMPANY  
 Energy Conservation Adjustment  
 Summary of Cost Recovery Clause Calculation  
 Base Portion of ECCR Rate for Months January 2023 through December 2023

1. Total Incremental Costs for 2023	49,089,579
2. Demand Related Incremental Costs for 2023	35,456,641
3. Energy Related Incremental Costs for 2023	13,632,938
1. Total Incremental Cost (Base Portion based upon 2021)	46,095,442
2. Demand Related Incremental Costs (Base Portion based upon 2021)	33,294,022
3. Energy Related Incremental Costs (Base Portion based upon 2021)	12,801,420

RETAIL BY RATE CLASS

	<u>RS</u>	<u>GS, CS</u>	<u>GSD, SBD RSD</u>	<u>GSD OPTIONAL</u>	<u>GSLDPR</u>	<u>GSLDSU</u>	<u>LS1, LS2</u>	<u>Total</u>
4. Demand Allocation Percentage	58.49%	5.00%	28.71%	1.61%	3.92%	2.18%	0.09%	100.00%
5. Demand Related Incremental Costs (Total cost prorated based on demand allocation % above)	19,473,673	1,664,701	9,558,714	536,034	1,305,126	725,810	29,965	<u>33,294,022</u>
6. Total Demand Related Incremental Costs	<u>19,473,673</u>	<u>1,664,701</u>	<u>9,558,714</u>	<u>536,034</u>	<u>1,305,126</u>	<u>725,810</u>	<u>29,965</u>	<u>33,294,022</u>
7. Energy Allocation Percentage	50.16%	4.58%	33.32%	1.86%	6.15%	3.39%	0.54%	100.00%
8. Net Energy Related Incremental Costs	6,421,192	586,305	4,265,433	238,106	787,287	433,968	69,128	<u>12,801,420</u>
9. Total Net Energy Related Incremental Costs	<u>6,421,192</u>	<u>586,305</u>	<u>4,265,433</u>	<u>238,106</u>	<u>787,287</u>	<u>433,968</u>	<u>69,128</u>	<u>12,801,420</u>
<hr/>								
10. Total Incremental Costs (Line 6 + 9)	25,894,866	2,251,006	13,824,147	774,140	2,092,413	1,159,778	99,092	46,095,442
11. Retail MWh Sales	9,986,591	912,161	6,640,888	370,822	1,256,480	700,733	107,962	19,975,636
12. Effective MWh at Secondary	9,986,591	912,161	6,640,888	370,822	1,256,480	700,733	107,962	19,975,636
13. Projected Billed kW at Meter	*	*	15,814,266	*	2,512,433	1,588,948	*	
14. Cost per kWh at Secondary (Line 14/Line 16)	0.25930	0.24678	*	0.20876	*	*	0.09179	
15. Revenue Tax Expansion Factor	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	
16. Adjustment Factor Adjusted for Taxes	0.2595	0.2470	*	0.2089	*	*	0.0919	
17. Conservation Adjustment Factor (cents/kWh)								
<b><u>RS, GS, CS, GSD Optional, LS1, and LS2 Rates (cents/kWh) *</u></b>								
- Secondary	<u>0.260</u>	<u>0.247</u>		<u>0.209</u>			<u>0.092</u>	
- Primary				<u>0.207</u>				
- Subtransmission				<u>0.205</u>				
<b><u>GSD, SBD, RSD, GSLDPR, and GSLDSU Standard Rates (\$/kW) *</u></b>								
<u>Full Requirement</u>								
- Secondary	*	*	<u>0.87</u>	*			*	
- Primary	*	*	<u>0.87</u>	*	<u>0.83</u>		*	
- Subtransmission	*	*	<u>0.86</u>	*		<u>0.73</u>	*	

\* (ROUNDED TO NEAREST .001 PER kWh or kW)

Docket 20220002-EI, Calculation of 2023 ECCR Rates utilizing 2021 base year portion, 2021 Settlement Cost of Service Methodology

ECCR Revenue Requirement	RS (Tier 1, Tier 2, RSVP)	GS & CS	GSD, SBD	GSD Optional	GSLDPR, SBLDPR	GSLDSU, SBLDSU	LS1, LS2	LTG-FAC	Total	
<b>Total</b>	\$2,632,214.00	\$2,056,267.50	\$251,592.90	\$117,279.29	\$6,548.79	\$16,944.46	\$9,552.77	\$174,028.29	\$0.00	\$2,632,214.00
<b>Revenue Tax Factor</b>	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	
<b>Total with Revenue Tax Factor</b>	\$2,634,109.19	\$2,057,748.01	\$251,774.05	\$117,363.74	\$6,553.51	\$16,956.66	\$9,559.64	\$174,153.59	\$0.00	\$2,634,109.19
<b>Billing Determinants</b>	9,986,591	912,161	15,814,266	370,822	2,512,433	1,588,948	107,962	0		
<b>After Taxes</b>	<b>RS (Tier 1, Tier 2, RSVP)</b>	<b>GS &amp; CS</b>	<b>GSD, SBD</b>	<b>GSD Optional</b>	<b>GSLDPR, SBLDPR</b>	<b>GSLDSU, SBLDSU</b>	<b>LS1, LS2</b>	<b>LTG-FAC</b>		
Charges (Cents per kWh)	\$0.020605	\$0.027602		\$0.001767			\$0.161311	\$0.000000		
Charges (Dollars per kW)			\$0.007400		\$0.006700	\$0.006000				
<b>Clause Charges (Cents per kWh)</b>	<b>RS (Tier 1, Tier 2, RSVP)</b>	<b>GS &amp; CS</b>		<b>GSD Optional</b>			<b>LS1, LS2</b>	<b>LTG-FAC</b>		
Secondary	\$0.020605	\$0.027602		\$0.001767			\$0.161311	\$0.000000		
Primary				\$0.001749						
Sub-Transmission				\$0.001732						
<b>Clause Charges (Dollars per kW)</b>			<b>GSD, SBD</b>		<b>GSLDPR, SBLDPR</b>	<b>GSLDSU, SBLDSU</b>				
Secondary			\$0.007400							
Primary			\$0.007326		\$0.006700					
Sub-Transmission			\$0.007252			\$0.006000				



Docket 20210034-EI, Calculation of Total 2022 ECCR Rates utilizing 2021 base year portion and 2022 incremental portion, 2021 Settlement Cost of Service Methodology

	RS (Tier 1, Tier 2, RSVP)	GS & CS	GSD, SBD	GSD Optional	GSLDPR, SBLDPR	GSLDSU, SBLDSU	LS1, LS2	LTG-FAC
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Base Year Portion

Clause Charges (Cents per kWh)	RS (Tier 1, Tier 2, RSVP)	GS & CS		GSD Optional			LS1, LS2	LTG-FAC
Secondary	0.260000	0.247000		0.209000			0.092000	0.000000
Primary				0.207000				
Sub-Transmission				0.205000				
Clause Charges (Dollars per kW)			GSD, SBD		GSLDPR, SBLDPR	GSLDSU, SBLDSU		
Secondary			0.874800					
Primary			0.866100		0.833400			
Sub-Transmission			0.857300			0.730400		

Incremental Portion

Clause Charges (Cents per kWh)	RS (Tier 1, Tier 2, RSVP)	GS & CS		GSD Optional			LS1, LS2	LTG-FAC
Secondary	0.020605	0.027602		0.001767			0.161311	0.000000
Primary				0.001749				
Sub-Transmission				0.001732				
Clause Charges (Dollars per kW)			GSD, SBD		GSLDPR, SBLDPR	GSLDSU, SBLDSU		
Secondary			0.007400					
Primary			0.007326		0.006700			
Sub-Transmission			0.007252			0.006000		

Total ECCR Cost Recovery Factor

Clause Charges (Cents per kWh)	RS (Tier 1, Tier 2, RSVP)	GS & CS		GSD Optional			LS1, LS2	LTG-FAC
Secondary	0.280605	0.274602		0.210767			0.253311	0.000000
Primary				0.208749				
Sub-Transmission				0.206732				
Clause Charges (Dollars per kW)			GSD, SBD		GSLDPR, SBLDPR	GSLDSU, SBLDSU		
Secondary			0.882200					
Primary			0.873426		0.840100			
Sub-Transmission			0.864552			0.736400		

**Tampa Electric Company**  
 Energy Conservation Cost Recovery Clause  
 Calculation of Base and Incremental Revenue Requirements for Rate Calculation  
 Utilizing 2021 Settlement Agreement within Docket No. 20210034-EI

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**Projection Period: January through December 2023**

**Summary of 2023 ECCR Revenue Requirements for Rate Calculation**  
 (in Dollars)

<u>Line</u>	<u>Period Amount</u>
1. O&M Revenue Requirement for 2021 (Actual/Estimated)	\$ 44,665,661
2. Capital Revenue Requirement for 2021 (Actual/Estimated)	\$ 1,429,781
3. Total Revenue Requirement for 2021 (Base Revenue Requirement)	\$ 46,095,442
4. Demand Revenue Requirement for 2023 (Projected)(C2 PG-2)	\$ 35,456,641
5. Energy Revenue Requirement for 2023 (Projected)(C2 PG-2)	\$ 13,632,938
6. Total Revenue Requirement for 2023	\$ 49,089,579
7. Incremental Revenue Requirement (without true-up) (Line 6 - Line 3)	\$ 2,994,137
8. Base Portion Total Revenue Requirements with existing rate calculation methodology from Docket No. 20130040-EI	\$ 46,095,442
9. Over(Under) Recovery for the Current Period including Interest (C3 PG-6)	\$ 361,923
10. Incremental Portion Total 2023 Revenue Requirements with 2021 Settlement methodology from Docket No. 20210034-EI (Line 7 - Line 9), if value is zero or negative, Total Incremental portion will be set to zero	\$ 2,632,214

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TAMPA ELECTRIC COMPANY  
 Conservation Program Costs

Estimated For Months January 2023 through December 2023

ESTIMATED

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
D0083437 Residential Walk-Through Energy Audit	165,024	165,074	163,074	164,824	163,074	163,074	164,824	163,074	163,074	164,824	166,264	163,074	1,969,281
D0083432 Residential Customer Assisted Audit	539	539	639	539	539	539	410,479	539	539	639	539	539	416,605
D0083434, D0083317 Residential Computer Assisted Audit	0	0	1,102	0	0	0	0	0	0	802	0	0	1,904
D0083526 Residential Ceiling Insulation	13,348	13,527	15,977	15,977	15,977	15,977	19,128	19,128	19,128	15,977	15,977	12,827	192,947
D0083530 Residential Duct Repair	9,812	9,991	9,741	9,291	9,291	9,291	9,291	9,291	9,291	9,791	9,291	9,291	113,662
D0083488 Energy and Renewable Education, Awareness and Agen	18,265	18,205	19,641	31,088	18,137	20,584	44,082	18,129	18,077	18,124	18,073	18,120	260,522
D0083546 Energy Star Multi-Family	0	0	0	0	0	0	0	0	105,367	0	0	0	105,367
D0083541 Energy Star for New Homes	92,611	92,611	92,611	92,611	92,611	92,611	92,611	92,611	95,411	92,611	93,411	92,611	1,114,928
D0091086 Energy Star Pool Pumps	18,996	22,578	26,159	29,741	33,322	33,322	33,322	33,322	33,322	29,741	26,159	22,578	342,563
D0091087 Energy Star Thermostats	7,433	7,433	7,433	7,433	7,433	7,433	7,433	7,433	7,433	7,433	7,433	7,433	89,195
D0083332 Residential Heating and Cooling	25,401	29,173	39,646	42,761	49,919	53,513	57,106	57,106	57,078	42,790	32,638	25,675	512,806
D0083538 Neighborhood Weatherization	371,457	371,507	371,957	372,007	384,957	376,507	371,957	372,007	371,957	372,007	371,957	372,007	4,480,287
D0083542 Energy Planner	212,928	213,428	264,849	358,148	223,998	279,193	224,291	209,393	245,710	192,536	200,303	209,130	2,833,906
D0091106 Residential Prime Time Plus	89,148	97,127	178,955	248,131	121,980	130,417	138,823	147,198	158,643	163,856	208,140	180,392	1,862,806
D0083486 Residential Window Replacement	18,811	18,990	22,761	22,311	22,348	22,348	22,348	22,348	22,348	22,348	18,290	18,290	253,542
D0083335 Prime Time	5,548	1,348	5,548	1,348	5,548	1,348	5,548	1,348	5,548	1,348	5,548	1,348	41,373
D0083447 Commercial/Industrial Audit (Free)	30,667	31,667	81,017	30,667	33,167	30,667	30,667	33,667	80,667	30,667	30,667	31,267	475,458
D0083446 Comprehensive Commercial/Industrial Audit (Paid)	0	0	1,029	0	1,029	0	0	1,029	0	0	1,029	0	4,116
D0083534 Commercial Chiller	0	0	3,671	0	0	3,646	0	3,646	3,646	3,671	0	0	18,280
D0083487 Cogeneration	749	749	749	749	749	749	749	749	749	749	749	749	8,984
D0083318 Conservation Value	0	0	0	0	204	204	204	21,679	0	0	0	0	22,290
D0083540 Commercial Cooling	446	371	371	742	371	371	742	396	371	371	742	371	5,666
D0083533 Demand Response	303,283	302,383	302,433	302,383	302,383	303,933	302,383	302,383	302,383	302,383	303,883	302,983	3,633,195
D0091107 Facility Energy Management System	2,204	15,775	1,604	1,604	1,604	15,775	1,604	15,775	1,604	1,604	1,604	15,775	76,537
D0083506 Industrial Load Management (GLSM 2&3)	1,859,549	1,859,599	1,858,302	1,858,208	1,858,158	1,858,158	1,858,208	1,859,356	1,858,158	1,858,208	1,858,158	1,858,302	22,302,366
D0083547 LED Street and Outdoor Conversion Program	0	0	0	0	0	0	0	0	0	0	0	0	0
D0083528 Lighting Conditioned Space	40,252	57,075	39,402	57,075	39,402	58,075	57,275	39,402	57,075	40,402	39,402	39,402	564,241
D0083544 Lighting Non-Conditioned Space	12,360	11,510	19,684	19,684	11,510	12,510	19,884	19,684	19,684	11,510	11,510	20,684	190,212
D0083535 Lighting Occupancy Sensors	2,154	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,312	2,141	27,416
D0083527 CILM (GLSM 1)	0	0	0	0	0	4,008	3,957	3,953	3,948	3,944	3,006	3,002	25,818
D0091108 Commercial Smart Thermostats	5,075	4,475	7,322	7,322	7,322	7,822	7,472	4,475	7,322	7,322	7,322	5,125	78,374
D0083529 Standby Generator	442,055	442,005	441,604	441,554	441,604	441,554	441,604	441,554	441,604	441,554	447,100	449,625	5,313,415
D0091109 Variable Frequency Drive Control for Compressors	2,325	2,325	2,325	2,325	2,325	2,325	2,325	2,325	2,325	2,325	2,325	2,325	27,903
D0083537 Commercial Water Heating	0	0	0	0	0	0	2,183	0	0	0	0	0	2,183
D0083539 Conservation Research and Development	210	210	210	210	210	210	210	210	210	210	210	210	2,514
D0083531 Renewable Energy Program (Sun to Go)	(7,896)	(8,046)	(8,046)	66,954	(7,871)	(8,046)	166,954	(3,046)	66,979	(7,896)	(8,046)	1,954	243,949
D0083328 Common Expenses	47,383	49,394	74,993	48,564	47,383	49,967	96,804	48,317	55,967	49,923	48,317	49,942	666,956
D0090066 Integrated Renewable Energy System (Pilot)	90,331	89,801	89,324	88,849	88,372	87,897	87,420	86,944	86,468	85,992	85,517	85,040	1,051,959
Total All Programs	<u>3,880,467</u>	<u>3,923,137</u>	<u>4,138,398</u>	<u>4,325,412</u>	<u>3,979,367</u>	<u>4,078,294</u>	<u>4,684,199</u>	<u>4,037,738</u>	<u>4,304,398</u>	<u>3,970,078</u>	<u>4,009,830</u>	<u>4,002,211</u>	<u>49,333,528</u>
Less Renewable Energy Expenses	(7,896)	(8,046)	(8,046)	66,954	(7,871)	(8,046)	166,954	(3,046)	66,979	(7,896)	(8,046)	1,954	243,949
Total Recoverable Conservation Expenses	<u>3,888,363</u>	<u>3,931,182</u>	<u>4,146,444</u>	<u>4,258,458</u>	<u>3,987,238</u>	<u>4,086,340</u>	<u>4,517,245</u>	<u>4,040,784</u>	<u>4,237,419</u>	<u>3,977,973</u>	<u>4,017,876</u>	<u>4,000,257</u>	<u>49,089,579</u>
Summary of Demand & Energy													
Energy	1,013,355	1,052,304	1,144,915	1,158,949	1,077,585	1,138,289	1,562,360	1,112,561	1,272,958	1,042,350	1,024,868	1,032,445	13,632,938
Demand	2,875,008	2,878,878	3,001,529	3,099,509	2,909,653	2,948,051	2,954,885	2,928,223	2,964,461	2,935,623	2,993,008	2,967,812	35,456,641
Total Recoverable Conserv. Expenses	<u>3,888,363</u>	<u>3,931,182</u>	<u>4,146,444</u>	<u>4,258,458</u>	<u>3,987,238</u>	<u>4,086,340</u>	<u>4,517,245</u>	<u>4,040,784</u>	<u>4,237,419</u>	<u>3,977,973</u>	<u>4,017,876</u>	<u>4,000,257</u>	<u>49,089,579</u>

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TAMPA ELECTRIC COMPANY  
 Conservation Program Costs

Estimated For Months January 2023 through December 2023

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	1,050,471	6,600	0	840,000	0	48,400	23,810	0	1,969,281
D0083432 Residential Customer Assisted Audit	0	6,465	0	0	0	0	0	410,140	0	416,605
D0083434, D0083317 Residential Computer Assisted Audit	0	1,604	0	0	0	0	0	300	0	1,904
D0083526 Residential Ceiling Insulation	0	44,126	0	0	0	147,360	240	1,221	0	192,947
D0083530 Residential Duct Repair	0	27,011	0	500	0	84,000	480	1,671	0	113,662
D0083488 Energy and Renewable Education, Awareness and Ag	4,645	140,745	300	90,332	0	0	1,200	23,300	0	260,522
D0083546 Energy Star Multi-Family	0	367	0	0	0	105,000	0	0	0	105,367
D0083541 Energy Star for New Homes	0	30,788	0	0	0	1,080,000	300	3,840	0	1,114,928
D0091086 Energy Star Pool Pumps	0	20,443	0	0	0	322,000	120	0	0	342,563
D0091087 Energy Star Thermostats	0	29,195	0	0	0	60,000	0	0	0	89,195
D0083332 Residential Heating and Cooling	0	67,015	0	0	0	442,125	360	3,306	0	512,806
D0083538 Neighborhood Weatherization	0	759,615	524,292	0	0	3,156,000	13,800	26,580	0	4,480,287
D0083542 Energy Planner	908,235	753,534	60,300	808,429	150,000	0	25,548	127,860	0	2,833,906
D0091106 Residential Prime Time Plus	450,061	616,368	36,300	396,669	150,000	175,500	25,548	12,360	0	1,862,806
D0083486 Residential Window Replacement	0	52,351	0	0	0	198,800	480	1,911	0	253,542
D0083335 Prime Time	0	15,513	0	25,200	0	0	300	360	0	41,373
D0083447 Commercial/Industrial Audit (Free)	0	359,908	2,200	0	100,000	0	6,900	6,450	0	475,458
D0083446 Comprehensive Commercial/Industrial Audit (Paid)	0	1,796	0	2,000	0	0	320	0	0	4,116
D0083534 Commercial Chiller	0	730	0	0	0	17,500	50	0	0	18,280
D0083487 Cogeneration	0	7,184	0	0	0	0	1,800	0	0	8,984
D0083318 Conservation Value	0	1,748	0	542	0	20,000	0	0	0	22,290
D0083540 Commercial Cooling	0	2,191	0	0	0	3,375	50	50	0	5,666
D0083533 Demand Response	0	33,275	0	0	0	3,593,520	1,900	4,500	0	3,633,195
D0091107 Facility Energy Management System	0	19,837	0	0	0	56,000	100	600	0	76,537
D0083506 Industrial Load Management (GLSM 2&3)	0	46,494	0	0	0	22,253,772	2,100	0	0	22,302,366
D0083547 LED Street and Outdoor Conversion Program	0	0	0	0	0	0	0	0	0	0
D0083528 Lighting Conditioned Space	0	67,591	0	0	0	493,000	600	3,050	0	564,241
D0083544 Lighting Non-Conditioned Space	0	51,562	0	0	0	135,000	600	3,050	0	190,212
D0083535 Lighting Occupancy Sensors	0	15,166	0	0	0	12,000	250	0	0	27,416
D0083527 CILM (GLSM 1)	5,799	0	500	14,560	0	4,665	0	294	0	25,818
D0091108 Commercial Smart Thermostats	0	22,174	0	0	0	54,000	300	1,900	0	78,374
D0083529 Standby Generator	0	58,797	0	455,648	0	4,771,170	2,100	25,700	0	5,313,415
D0091109 Variable Frequency Drive Control for Compressors	0	15,603	0	0	0	12,000	300	0	0	27,903
D0083537 Commercial Water Heating	0	158	0	0	0	2,000	25	0	0	2,183
D0083539 Conservation Research and Development	0	2,514	0	0	0	0	0	0	0	2,514
D0083531 Renewable Energy Program (Sun to Go)	0	15,445	0	340,000	0	0	50	450	(111,996)	243,949
D0083328 Common Expenses	0	444,597	600	105,558	0	0	0	116,201	0	666,956
D0090066 Integrated Renewable Energy System (Pilot)	1,038,316	13,043	0	0	0	0	600	0	0	1,051,959
<b>Total All Programs</b>	<b>2,407,056</b>	<b>4,795,426</b>	<b>631,092</b>	<b>2,239,438</b>	<b>1,240,000</b>	<b>37,198,787</b>	<b>134,821</b>	<b>798,904</b>	<b>(111,996)</b>	<b>49,333,528</b>
Less Renewable Energy Expenses	0	15,445	0	340,000	0	0	50	450	(111,996)	243,949
<b>Total Recoverable Conservation Expenses</b>	<b>2,407,056</b>	<b>4,779,981</b>	<b>631,092</b>	<b>1,899,438</b>	<b>1,240,000</b>	<b>37,198,787</b>	<b>134,771</b>	<b>798,454</b>	<b>0</b>	<b>49,089,579</b>
<b>Summary of Demand &amp; Energy</b>										
Energy	977,920	3,402,689	563,842	550,367	1,015,000	6,400,160	89,749	633,210	0	13,632,938
Demand	1,429,136	1,377,292	67,250	1,349,071	225,000	30,798,627	45,022	165,244	0	35,456,641
<b>Total Recoverable Conserv. Expenses</b>	<b>2,407,056</b>	<b>4,779,981</b>	<b>631,092</b>	<b>1,899,438</b>	<b>1,240,000</b>	<b>37,198,787</b>	<b>134,771</b>	<b>798,454</b>	<b>0</b>	<b>49,089,579</b>

TAMPA ELECTRIC COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Estimated For Months January 2023 through December 2023  
 PRICE RESPONSIVE LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		187,487	187,487	187,487	187,487	64,697	64,697	64,697	64,697	64,697	64,697	64,697	64,697	1,267,524
2. Retirements		40,587	60,384	57,762	35,531	78,973	28,407	90,592	70,139	82,613	69,501	77,785	26,158	718,433
3. Depreciation Base		3,368,498	3,495,601	3,625,326	3,777,282	3,763,006	3,799,296	3,773,401	3,767,959	3,750,043	3,745,239	3,732,151	3,770,690	44,368,492
4. Depreciation Expense		<u>54,917</u>	<u>57,201</u>	<u>59,341</u>	<u>61,688</u>	<u>62,836</u>	<u>63,019</u>	<u>63,106</u>	<u>62,845</u>	<u>62,650</u>	<u>62,461</u>	<u>62,312</u>	<u>62,524</u>	<u>734,900</u>
5. Cumulative Investment	3,221,598	3,368,498	3,495,601	3,625,326	3,777,282	3,763,006	3,799,296	3,773,401	3,767,959	3,750,043	3,745,239	3,732,151	3,770,690	3,770,690
6. Less: Accumulated Depreciation	1,539,617	<u>1,553,947</u>	<u>1,550,764</u>	<u>1,552,343</u>	<u>1,578,500</u>	<u>1,562,363</u>	<u>1,596,975</u>	<u>1,569,489</u>	<u>1,562,195</u>	<u>1,542,232</u>	<u>1,535,192</u>	<u>1,519,719</u>	<u>1,556,085</u>	<u>1,556,085</u>
7. Net Investment	<u>1,681,981</u>	<u>1,814,551</u>	<u>1,944,837</u>	<u>2,072,983</u>	<u>2,198,782</u>	<u>2,200,643</u>	<u>2,202,321</u>	<u>2,203,912</u>	<u>2,205,764</u>	<u>2,207,811</u>	<u>2,210,047</u>	<u>2,212,432</u>	<u>2,214,605</u>	<u>2,214,605</u>
8. Average Investment		1,748,266	1,879,694	2,008,910	2,135,883	2,199,713	2,201,482	2,203,117	2,204,838	2,206,788	2,208,929	2,211,240	2,213,519	
9. Return on Average Investment - Equity Component		9,403	10,110	10,805	11,488	11,831	11,840	11,849	11,859	11,869	11,881	11,893	11,905	136,733
10. Return on Average Investment - Debt Component		<u>2,517</u>	<u>2,706</u>	<u>2,892</u>	<u>3,075</u>	<u>3,167</u>	<u>3,170</u>	<u>3,172</u>	<u>3,175</u>	<u>3,177</u>	<u>3,180</u>	<u>3,184</u>	<u>3,187</u>	<u>36,602</u>
11. Total Depreciation and Return		<u>66,837</u>	<u>70,017</u>	<u>73,038</u>	<u>76,251</u>	<u>77,834</u>	<u>78,029</u>	<u>78,127</u>	<u>77,879</u>	<u>77,696</u>	<u>77,522</u>	<u>77,389</u>	<u>77,616</u>	<u>908,235</u>

NOTES:

Note: Depreciation expense is calculated using a useful life of 60 months.  
 Line 9 x 6.4541% x 1/12 (Jan-Dec). Based on ROE of 10.20% and weighted income tax rate of 25.345% (expansion factor of 1.34315).  
 Line 10 x 1.7278% x 1/12 (Jan-Dec).

ROI Equity	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541
ROI Debt	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278

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TAMPA ELECTRIC COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Estimated For Months January 2023 through December 2023  
 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	
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	
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 6.4541% x 1/12 (Jan-Dec). Based on ROE of 10.20% and weighted income tax rate of 25.345% (expansion factor of 1.34315).  
 Line 10 x 1.7278% x 1/12 (Jan-Dec).

ROI Equity	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541
ROI Debt	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278

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TAMPA ELECTRIC COMPANY  
 Schedule of Capital Investment, Depreciation and Return

Estimated For Months January 2023 through December 2023

ENERGY AND RENEWABLE 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		(12,523)	13,325	0	0	0	0	0	0	0	0	0	0	801
3. Depreciation Base		33,693	20,368	20,368	20,368	20,368	20,368	20,368	20,368	20,368	20,368	20,368	20,368	
4. Depreciation Expense		<u>457</u>	<u>451</u>	<u>339</u>	<u>339</u>	<u>339</u>	<u>339</u>	<u>339</u>	<u>339</u>	<u>339</u>	<u>339</u>	<u>339</u>	<u>339</u>	<u>4,298</u>
5. Cumulative Investment	21,170	33,693	20,368	20,368	20,368	20,368	20,368	20,368	20,368	20,368	20,368	20,368	20,368	20,368
6. Less: Accumulated Depreciation	14,662	<u>27,642</u>	<u>14,768</u>	<u>15,107</u>	<u>15,446</u>	<u>15,785</u>	<u>16,124</u>	<u>16,463</u>	<u>16,802</u>	<u>17,141</u>	<u>17,480</u>	<u>17,819</u>	<u>18,158</u>	<u>18,158</u>
7. Net Investment	<u>6,508</u>	<u>6,051</u>	<u>5,600</u>	<u>5,261</u>	<u>4,922</u>	<u>4,583</u>	<u>4,244</u>	<u>3,905</u>	<u>3,566</u>	<u>3,227</u>	<u>2,888</u>	<u>2,549</u>	<u>2,210</u>	<u>2,210</u>
8. Average Investment		6,280	5,826	5,431	5,092	4,753	4,414	4,075	3,736	3,397	3,058	2,719	2,380	
9. Return on Average Investment - Equity Component		34	31	29	27	26	24	22	20	18	16	15	13	275
10. Return on Average Investment - Debt Component		<u>9</u>	<u>8</u>	<u>8</u>	<u>7</u>	<u>7</u>	<u>6</u>	<u>6</u>	<u>5</u>	<u>5</u>	<u>4</u>	<u>4</u>	<u>3</u>	<u>72</u>
11. Total Depreciation and Return		<u>500</u>	<u>490</u>	<u>376</u>	<u>373</u>	<u>372</u>	<u>369</u>	<u>367</u>	<u>364</u>	<u>362</u>	<u>359</u>	<u>358</u>	<u>355</u>	<u>4,645</u>

NOTES:

Note: Depreciation expense is calculated using a useful life of 60 months.

Line 9 x 6.4541% x 1/12 (Jan-Dec). Based on ROE of 10.20% and weighted income tax rate of 25.345% (expansion factor of 1.34315).

Line 10 x 1.7278% x 1/12 (Jan-Dec).

ROI Equity	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541
ROI Debt	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278

TAMPA ELECTRIC COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Estimated For Months January 2023 through December 2023  
 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	38,600	0	0	0	0	0	0	38,600
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		0	0	0	0	0	38,600	38,600	38,600	38,600	38,600	38,600	38,600	
4. Depreciation Expense		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>322</u>	<u>643</u>	<u>643</u>	<u>643</u>	<u>643</u>	<u>643</u>	<u>643</u>	<u>4,180</u>
5. Cumulative Investment	0	0	0	0	0	0	38,600	38,600	38,600	38,600	38,600	38,600	38,600	38,600
6. Less: Accumulated Depreciation	0	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>322</u>	<u>965</u>	<u>1,608</u>	<u>2,251</u>	<u>2,894</u>	<u>3,537</u>	<u>4,180</u>	<u>4,180</u>
7. Net Investment	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>38,278</u>	<u>37,635</u>	<u>36,992</u>	<u>36,349</u>	<u>35,706</u>	<u>35,063</u>	<u>34,420</u>	<u>34,420</u>
8. Average Investment		0	0	0	0	0	19,139	37,957	37,314	36,671	36,028	35,385	34,742	
9. Return on Average Investment - Equity Component		0	0	0	0	0	103	204	201	197	194	190	187	1,276
10. Return on Average Investment - Debt Component		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>28</u>	<u>55</u>	<u>54</u>	<u>53</u>	<u>52</u>	<u>51</u>	<u>50</u>	<u>343</u>
11. Total Depreciation and Return		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>453</u>	<u>902</u>	<u>898</u>	<u>893</u>	<u>889</u>	<u>884</u>	<u>880</u>	<u>5,799</u>

NOTES:

Note: Depreciation expense is calculated using a useful life of 60 months.  
 Line 9 x 6.4541% x 1/12 (Jan-Dec). Based on ROE of 10.20% and weighted income tax rate of 25.345% (expansion factor of 1.34315).  
 Line 10 x 1.7278% x 1/12 (Jan-Dec).

ROI Equity	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541
ROI Debt	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278

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TAMPA ELECTRIC COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Estimated For Months January 2023 through December 2023  
 INTEGRATED RENEWABLE ENERGY SYSTEM

	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. In-Service		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
4. Depreciation Base		4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	
5. Depreciation Expense		<u>69,809</u>	<u>69,809</u>	<u>69,809</u>	<u>69,809</u>	<u>69,809</u>	<u>69,809</u>	<u>69,809</u>	<u>69,809</u>	<u>69,809</u>	<u>69,809</u>	<u>69,809</u>	<u>69,809</u>	<u>837,708</u>
6. Cumulative Investment	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533
7. Less: Accumulated Depreciation	1,317,822	<u>1,387,631</u>	<u>1,457,440</u>	<u>1,527,249</u>	<u>1,597,058</u>	<u>1,666,867</u>	<u>1,736,676</u>	<u>1,806,485</u>	<u>1,876,294</u>	<u>1,946,103</u>	<u>2,015,912</u>	<u>2,085,721</u>	<u>2,155,530</u>	<u>2,155,530</u>
8. CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0	
9. Net Investment	<u>2,870,711</u>	<u>2,800,902</u>	<u>2,731,093</u>	<u>2,661,284</u>	<u>2,591,475</u>	<u>2,521,666</u>	<u>2,451,857</u>	<u>2,382,048</u>	<u>2,312,239</u>	<u>2,242,430</u>	<u>2,172,621</u>	<u>2,102,812</u>	<u>2,033,003</u>	<u>2,033,003</u>
10. Average Investment		2,835,807	2,765,998	2,696,189	2,626,380	2,556,571	2,486,762	2,416,953	2,347,144	2,277,335	2,207,526	2,137,717	2,067,908	
11. Return on Average Investment - Equity Component		15,252	14,877	14,501	14,126	13,750	13,375	12,999	12,624	12,248	11,873	11,498	11,122	158,245
12. Return on Average Investment - Debt Component		<u>4,083</u>	<u>3,983</u>	<u>3,882</u>	<u>3,782</u>	<u>3,681</u>	<u>3,581</u>	<u>3,480</u>	<u>3,379</u>	<u>3,279</u>	<u>3,178</u>	<u>3,078</u>	<u>2,977</u>	<u>42,363</u>
13. Total Depreciation and Return		<u>89,144</u>	<u>88,669</u>	<u>88,192</u>	<u>87,717</u>	<u>87,240</u>	<u>86,765</u>	<u>86,288</u>	<u>85,812</u>	<u>85,336</u>	<u>84,860</u>	<u>84,385</u>	<u>83,908</u>	<u>1,038,316</u>

NOTES:  
 Note: Depreciation expense is calculated using a useful life of 60 months.  
 Line 9 x 6.4541% x 1/12 (Jan-Dec). Based on ROE of 10.20% and weighted income tax rate of 25.345% (expansion factor of 1.34315).  
 Line 10 x 1.7278% x 1/12 (Jan-Dec).

ROI Equity	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541
ROI Debt	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278

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TAMPA ELECTRIC COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Estimated For Months January 2023 through December 2023  
 PRIME TIME PLUS

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	3,240,000
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		278,800	548,800	818,800	1,088,800	1,358,800	1,628,800	1,898,800	2,168,800	2,438,800	2,708,800	2,978,800	3,248,800	
4. Depreciation Expense		<u>2,397</u>	<u>6,897</u>	<u>11,397</u>	<u>15,897</u>	<u>20,397</u>	<u>24,897</u>	<u>29,397</u>	<u>33,897</u>	<u>38,397</u>	<u>42,897</u>	<u>47,397</u>	<u>51,897</u>	<u>325,764</u>
5. Cumulative Investment	8,800	278,800	548,800	818,800	1,088,800	1,358,800	1,628,800	1,898,800	2,168,800	2,438,800	2,708,800	2,978,800	3,248,800	3,248,800
6. Less: Accumulated Depreciation	367	<u>2,764</u>	<u>9,661</u>	<u>21,058</u>	<u>36,955</u>	<u>57,352</u>	<u>82,249</u>	<u>111,646</u>	<u>145,543</u>	<u>183,940</u>	<u>226,837</u>	<u>274,234</u>	<u>326,131</u>	<u>326,131</u>
7. Net Investment	<u>8,433</u>	<u>276,036</u>	<u>539,139</u>	<u>797,742</u>	<u>1,051,845</u>	<u>1,301,448</u>	<u>1,546,551</u>	<u>1,787,154</u>	<u>2,023,257</u>	<u>2,254,860</u>	<u>2,481,963</u>	<u>2,704,566</u>	<u>2,922,669</u>	<u>2,922,669</u>
8. Average Investment		142,235	407,588	668,441	924,794	1,176,647	1,424,000	1,666,853	1,905,206	2,139,059	2,368,412	2,593,265	2,813,618	
9. Return on Average Investment		765	2,192	3,595	4,974	6,328	7,659	8,965	10,247	11,505	12,738	13,948	15,133	98,049
10. Return Requirements		<u>205</u>	<u>587</u>	<u>962</u>	<u>1332</u>	<u>1694</u>	<u>2050</u>	<u>2400</u>	<u>2743</u>	<u>3080</u>	<u>3410</u>	<u>3734</u>	<u>4051</u>	<u>26,248</u>
11. Total Depreciation and Return		<u>3,367</u>	<u>9,676</u>	<u>15,954</u>	<u>22,203</u>	<u>28,419</u>	<u>34,606</u>	<u>40,762</u>	<u>46,887</u>	<u>52,982</u>	<u>59,045</u>	<u>65,079</u>	<u>71,081</u>	<u>450,061</u>

NOTES:

Note: Depreciation expense is calculated using a useful life of 60 months.  
 Line 9 x 6.4541% x 1/12 (Jan-Dec). Based on ROE of 10.20% and weighted income tax rate of 25.345% (expansion factor of 1.34315).  
 Line 10 x 1.7278% x 1/12 (Jan-Dec).

ROI Equity	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541	0.064541
ROI Debt	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278	0.017278

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TAMPA ELECTRIC COMPANY  
 Conservation Program Costs

Actual for Months January 2022 through June 2022  
 Projected for Months July 2022 through December 2022

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	531,057	3,479	0	331,985	0	29,028	8,975	0	904,524
Projected	0	496,401	3,300	0	551,338	0	12,200	12,400	0	1,075,639
Total	0	1,027,458	6,779	0	883,323	0	41,228	21,375	0	1,980,163
D0083432 Residential Customer Assisted Audit										
Actual	0	786	0	0	0	0	0	(29,850)	0	(29,064)
Projected	0	3,233	0	398,000	0	0	0	100	0	401,333
Total	0	4,019	0	398,000	0	0	0	(29,750)	0	372,269
D0083434, D0083317 Residential Computer Assisted Audit										
Actual	0	521	0	0	0	0	0	388	0	909
Projected	0	1,557	0	0	0	0	0	1,500	0	3,057
Total	0	2,078	0	0	0	0	0	1,888	0	3,966
D0083526 Residential Ceiling Insulation										
Actual	0	22,089	0	0	0	54,326	0	0	0	76,415
Projected	0	21,602	0	0	0	79,820	120	0	0	101,542
Total	0	43,691	0	0	0	134,146	120	0	0	177,957
D0083530 Residential Duct Repair										
Actual	0	6,920	0	0	0	14,975	0	0	0	21,895
Projected	0	12,881	0	0	0	31,500	180	0	0	44,561
Total	0	19,801	0	0	0	46,475	180	0	0	66,456
D0083488 Energy and Renewable Education, Awareness and Agency Outreach										
Actual	4,873	16,989	0	24,053	0	0	0	18,200	0	64,115
Projected	4,354	69,144	150	77,068	0	0	900	7,550	0	159,166
Total	9,227	86,133	150	101,121	0	0	900	25,750	0	223,281
D0083546 Energy Star Multi-Family										
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
D0083541 Energy Star for New Homes										
Actual	0	6,331	0	0	0	296,000	0	610	0	302,941
Projected	0	14,805	0	0	0	420,000	120	3,720	0	438,645
Total	0	21,136	0	0	0	716,000	120	4,330	0	741,586
D0091086 Energy Star Pool Pumps										
Actual	0	0	0	0	0	177,800	0	0	0	177,800
Projected	0	9,627	0	0	0	138,250	60	0	0	147,937
Total	0	9,627	0	0	0	316,050	60	0	0	325,737
D0091087 Energy Star Thermostats										
Actual	0	0	0	0	0	26,292	0	0	0	26,292
Projected	0	13,761	0	0	0	25,500	0	0	0	39,261
Total	0	13,761	0	0	0	51,792	0	0	0	65,553
D0083332 Residential Heating and Cooling										
Actual	0	29,174	0	0	0	186,615	0	0	0	215,789
Projected	0	30,078	0	0	0	209,250	150	1,515	0	240,993
Total	0	59,252	0	0	0	395,865	150	1,515	0	456,782
D0083538 Neighborhood Weatherization										
Actual	0	223,360	182,415	0	0	381,021	0	2,184	0	788,980
Projected	0	378,313	289,068	0	0	3,183,204	6,900	1,915	0	3,859,400
Total	0	601,673	471,483	0	0	3,564,225	6,900	4,099	0	4,648,380
D0083542 Energy Planner										
Actual	320,238	400,132	28,414	622,908	5,423	0	18,371	46,452	0	1,441,938
Projected	363,374	459,621	39,650	438,163	100,000	0	22,044	11,574	0	1,434,426
Total	683,612	859,753	68,064	1,061,071	105,423	0	40,415	58,026	0	2,876,364
D0091106 Residential Prime Time Plus										
Actual	0	0	371	12,748	0	0	0	0	0	13,119
Projected	511	112,392	63,150	189,582	60,000	100	0	208,264	0	633,999
Total	511	112,392	63,521	202,330	60,000	100	0	208,264	0	647,118
D0083486 Residential Window Replacement										
Actual	0	26,016	0	0	0	78,343	0	0	0	104,359
Projected	0	22,574	0	0	0	74,550	120	120	0	97,364
Total	0	48,590	0	0	0	152,893	120	120	0	201,723
D0083335 Prime Time										
Actual	0	2,845	0	8,361	0	0	0	0	0	11,206
Projected	0	7,672	0	8,400	0	0	150	180	0	16,402
Total	0	10,517	0	16,761	0	0	150	180	0	27,608

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TAMPA ELECTRIC COMPANY  
 Conservation Program Costs

Actual for Months January 2022 through June 2022  
 Projected for Months July 2022 through December 2022

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
D0083447 Commercial/Industrial Audit (Free)										
Actual	0	139,011	164	0	777	0	3,090	10,250	0	153,292
Projected	0	169,825	1,600	0	0	0	3,360	8,500	0	183,285
Total	0	308,836	1,764	0	777	0	6,450	18,750	0	336,577
D0083446 Comprehensive Commercial/Industrial Audit (Paid)										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	898	0	1,000	0	0	160	0	0	2,058
Total	0	898	0	1,000	0	0	160	0	0	2,058
D0083534 Commercial Chiller										
Actual	0	59	0	0	0	0	0	0	0	59
Projected	0	438	0	0	0	10,500	25	0	0	10,963
Total	0	497	0	0	0	10,500	25	0	0	11,022
D0083487 Cogeneration										
Actual	0	12,814	0	0	0	0	0	0	0	12,814
Projected	0	3,592	0	0	0	0	600	0	0	4,192
Total	0	16,406	0	0	0	0	600	0	0	17,006
D0083318 Conservation Value										
Actual	0	291	0	0	0	0	0	0	0	291
Projected	0	108	0	0	0	3,000	0	0	0	3,108
Total	0	399	0	0	0	3,000	0	0	0	3,399
D0083540 Commercial Cooling										
Actual	0	981	177	0	0	7,255	6	180	0	8,599
Projected	0	1,169	0	0	0	1,600	50	0	0	2,819
Total	0	2,150	177	0	0	8,855	56	180	0	11,418
D0083533 Demand Response										
Actual	0	13,754	0	0	0	1,932,400	0	909	0	1,947,063
Projected	0	16,164	0	0	0	1,711,200	700	1,500	0	1,729,564
Total	0	29,918	0	0	0	3,643,600	700	2,409	0	3,676,627
D0091107 Facility Energy Management System										
Actual	0	0	0	0	0	18,527	0	183	0	18,710
Projected	0	9,631	0	0	0	28,000	75	0	0	37,706
Total	0	9,631	0	0	0	46,527	75	183	0	56,416
D0083506 Industrial Load Management (GLSM 2&3)										
Actual	0	16,814	0	0	0	11,610,466	0	182	0	11,627,462
Projected	0	21,611	0	0	0	11,126,886	900	0	0	11,149,397
Total	0	38,425	0	0	0	22,737,352	900	182	0	22,776,859
D0083547 LED Street and Outdoor Conversion Program										
Actual	0	0	0	0	0	0	0	1,989,773	(57,346)	1,932,427
Projected	0	0	0	0	0	0	0	2,812,500	(11,000)	2,801,500
Total	0	0	0	0	0	0	0	4,802,273	(68,346)	4,733,927
D0083528 Lighting Conditioned Space										
Actual	0	25,068	0	0	0	166,862	982	907	0	193,819
Projected	0	32,947	0	0	0	255,000	300	2,400	0	290,647
Total	0	58,015	0	0	0	421,862	1,282	3,307	0	484,466
D0083544 Lighting Non-Conditioned Space										
Actual	0	19,188	0	0	0	108,380	168	77	0	127,813
Projected	0	25,987	0	0	0	75,000	300	1,400	0	102,687
Total	0	45,175	0	0	0	183,380	468	1,477	0	230,500
D0083535 Lighting Occupancy Sensors										
Actual	0	5,992	0	0	0	3,400	0	0	0	9,392
Projected	0	7,593	0	0	0	9,000	150	0	0	16,743
Total	0	13,585	0	0	0	12,400	150	0	0	26,135
D0083527 CILM (GLSM 1)										
Actual	0	0	0	0	0	2,799	0	0	0	2,799
Projected	0	0	0	0	0	3,732	0	0	0	3,732
Total	0	0	0	0	0	6,531	0	0	0	6,531
D0091108 Commercial Smart Thermostats										
Actual	0	0	0	0	0	342,282	398	247	0	342,927
Projected	0	15,653	0	0	0	143,100	225	800	0	159,778
Total	0	15,653	0	0	0	485,382	623	1,047	0	502,705

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TAMPA ELECTRIC COMPANY  
 Conservation Program Costs

Actual for Months January 2022 through June 2022  
 Projected for Months July 2022 through December 2022

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
D0083529 Standby Generator										
Actual	0	17,050	0	217,460	0	2,190,206	0	14,580	0	2,439,296
Projected	0	27,030	0	246,352	0	2,329,620	300	13,600	0	2,616,902
Total	0	44,080	0	463,812	0	4,519,826	300	28,180	0	5,056,198
D0091109 Variable Frequency Drive Control for Compressors										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	7,739	0	0	0	7,000	150	0	0	14,889
Total	0	7,739	0	0	0	7,000	150	0	0	14,889
D0083537 Commercial Water Heating										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	158	0	0	0	2,000	25	0	0	2,183
Total	0	158	0	0	0	2,000	25	0	0	2,183
D0083539 Conservation Research and Development										
Actual	0	191	0	2,210	0	0	0	0	0	2,401
Projected	0	1,149	0	0	0	0	0	0	0	1,149
Total	0	1,340	0	2,210	0	0	0	0	0	3,550
D0083531 Renewable Energy Program (Sun to Go)										
Actual	0	6,422	0	9,744	0	0	0	0	(61,545)	(45,379)
Projected	0	7,723	0	107,000	0	0	0	50	(63,000)	51,773
Total	0	14,145	0	116,744	0	0	0	50	(124,545)	6,394
D0083328 Common Expenses										
Actual	0	171,241	0	20,636	0	0	0	84,974	0	276,851
Projected	0	215,819	200	75,549	0	0	0	49,704	0	341,272
Total	0	387,060	200	96,185	0	0	0	134,678	0	618,123
D0090066 Integrated Renewable Energy System (Pilot)										
Actual	556,214	0	0	0	0	0	26	0	0	556,240
Projected	542,111	6,494	0	0	0	0	300	0	0	548,905
Total	1,098,325	6,494	0	0	0	0	326	0	0	1,105,145
<b>Total All Programs</b>	<b>1,791,675</b>	<b>3,920,483</b>	<b>612,138</b>	<b>2,459,234</b>	<b>1,049,523</b>	<b>37,465,761</b>	<b>102,633</b>	<b>5,288,513</b>	<b>(192,891)</b>	<b>52,497,069</b>
Less Renewable Energy	0	14,145	0	116,744	0	0	0	50	(124,545)	6,394
<b>Total Conservation Expense</b>	<b>1,791,675</b>	<b>3,906,338</b>	<b>612,138</b>	<b>2,342,490</b>	<b>1,049,523</b>	<b>37,465,761</b>	<b>102,633</b>	<b>5,288,463</b>	<b>(68,346)</b>	<b>52,490,676</b>

TAMPA ELECTRIC COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Actual for Months January 2022 through June 2022  
 Projected for Months July 2022 through December 2022

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		30,180	70,153	43,972	17,935	105,122	87,959	124,238	124,238	124,238	124,238	124,238	124,238	1,100,750
2. Retirements		1,050	61,066	23,034	52,216	47,726	44,093	32,210	68,597	33,666	58,323	43,475	107,005	572,461
3. Depreciation Base		2,722,440	2,731,527	2,752,465	2,718,184	2,775,580	2,819,446	2,911,474	2,967,115	3,057,687	3,123,602	3,204,365	3,221,598	
4. Depreciation Expense		<u>45,131</u>	<u>45,450</u>	<u>45,700</u>	<u>45,589</u>	<u>45,781</u>	<u>46,625</u>	<u>47,758</u>	<u>48,988</u>	<u>50,207</u>	<u>51,511</u>	<u>52,733</u>	<u>53,550</u>	<u>579,023</u>
5. Cumulative Investment	2,693,310	2,722,440	2,731,527	2,752,465	2,718,184	2,775,580	2,819,446	2,911,474	2,967,115	3,057,687	3,123,602	3,204,365	3,221,598	3,221,598
6. Less: Accumulated Depreciation	1,533,055	<u>1,577,136</u>	<u>1,561,520</u>	<u>1,584,186</u>	<u>1,577,559</u>	<u>1,575,614</u>	<u>1,578,146</u>	<u>1,593,694</u>	<u>1,574,085</u>	<u>1,590,626</u>	<u>1,583,814</u>	<u>1,593,072</u>	<u>1,539,617</u>	<u>1,539,617</u>
7. Net Investment	<u>1,160,255</u>	<u>1,145,304</u>	<u>1,170,007</u>	<u>1,168,279</u>	<u>1,140,625</u>	<u>1,199,966</u>	<u>1,241,300</u>	<u>1,317,780</u>	<u>1,393,030</u>	<u>1,467,061</u>	<u>1,539,788</u>	<u>1,611,293</u>	<u>1,681,981</u>	<u>1,681,981</u>
8. Average Investment		1,152,780	1,157,656	1,169,143	1,154,452	1,170,296	1,220,633	1,279,540	1,355,405	1,430,046	1,503,425	1,575,541	1,646,637	
9. Return on Average Investment - Equity Component		5,968	5,993	6,052	5,976	6,058	6,319	6,786	7,188	7,584	7,973	8,356	8,733	82,986
10. Return on Average Investment - Debt Component		<u>1,575</u>	<u>1,581</u>	<u>1,597</u>	<u>1,577</u>	<u>1,599</u>	<u>1,667</u>	<u>1,748</u>	<u>1,851</u>	<u>1,953</u>	<u>2,054</u>	<u>2,152</u>	<u>2,249</u>	<u>21,603</u>
Total Depreciation and Return		<u>52,674</u>	<u>53,024</u>	<u>53,349</u>	<u>53,142</u>	<u>53,438</u>	<u>54,611</u>	<u>56,292</u>	<u>58,027</u>	<u>59,744</u>	<u>61,538</u>	<u>63,241</u>	<u>64,532</u>	<u>683,612</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.  
 Line 9 x 6.2122% x 1/12, based on ROE of 9.95% (Jan-Jun). Line 9 x 6.3641% x 1/12, based on ROE of 10.20% (Jul-Dec). Both based on weighted income tax rate of 25.345% (expansion factor of 1.34315).  
 Line 10 x 1.6392% x 1/12 (Jan-Dec)

ROI Equity	0.062122	0.062122	0.062122	0.062122	0.062122	0.062122	0.062122	0.063641	0.063641	0.063641	0.063641	0.063641	0.063641	0.063641
ROI Debt	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392

TAMPA ELECTRIC COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Actual for Months January 2022 through June 2022  
 Projected for Months July 2022 through December 2022

INDUSTRIAL 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		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	
4. Depreciation Expense		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
5. Cumulative Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6. Less: Accumulated Depreciation	0	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
7. Net Investment	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
8. Average Investment		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		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Depreciation and Return		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.

Line 9 x 6.2122% x 1/12, based on ROE of 9.95% (Jan-Jun). Line 9 x 6.3641% x 1/12, based on ROE of 10.20% (Jul-Dec). Both based on weighted income tax rate of 25.345% (expansion factor of 1.34315).

Line 10 x 1.6392% x 1/12 (Jan-Dec)

ROI Equity	0.062122	0.062122	0.062122	0.062122	0.062122	0.062122	0.062122	0.063641	0.063641	0.063641	0.063641	0.063641	0.063641	0.063641
ROI Debt	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392

TAMPA ELECTRIC COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Actual for Months January 2022 through June 2022  
 Projected for Months July 2022 through December 2022

ENERGY AND RENEWABLE EDUCATION, AWARENESS AND AGENCY OUTREACH

	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		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	10,039	12,523	22,562
3. Depreciation Base		43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	33,693	21,170	
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>645</u>	<u>457</u>	<u>8,392</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	33,693	21,170	21,170
6. Less: Accumulated Depreciation	28,832	<u>29,561</u>	<u>30,290</u>	<u>31,019</u>	<u>31,748</u>	<u>32,477</u>	<u>33,206</u>	<u>33,935</u>	<u>34,664</u>	<u>35,393</u>	<u>36,122</u>	<u>26,728</u>	<u>14,662</u>	<u>14,662</u>
7. Net Investment	<u>14,900</u>	<u>14,171</u>	<u>13,442</u>	<u>12,713</u>	<u>11,984</u>	<u>11,255</u>	<u>10,526</u>	<u>9,797</u>	<u>9,068</u>	<u>8,339</u>	<u>7,610</u>	<u>6,965</u>	<u>6,508</u>	<u>6,508</u>
8. Average Investment		14,535	13,807	13,078	12,349	11,620	10,891	10,162	9,433	8,704	7,975	7,288	6,737	
9. Return on Average Investment - Equity Component		75	71	68	64	60	56	54	50	46	42	39	36	661
10. Return on Average Investment - Debt Component		<u>20</u>	<u>19</u>	<u>18</u>	<u>17</u>	<u>16</u>	<u>15</u>	<u>14</u>	<u>13</u>	<u>12</u>	<u>11</u>	<u>10</u>	<u>9</u>	<u>174</u>
Total Depreciation and Return		<u>824</u>	<u>819</u>	<u>815</u>	<u>810</u>	<u>805</u>	<u>800</u>	<u>797</u>	<u>792</u>	<u>787</u>	<u>782</u>	<u>694</u>	<u>502</u>	<u>9,227</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.  
 Line 9 x 6.2122% x 1/12, based on ROE of 9.95% (Jan-Jun). Line 9 x 6.3641% x 1/12, based on ROE of 10.20% (Jul-Dec). Both based on weighted income tax rate of 25.345% (expansion factor of 1.34315).  
 Line 10 x 1.6392% x 1/12 (Jan-Dec)

ROI Equity	0.062122	0.062122	0.062122	0.062122	0.062122	0.062122	0.062122	0.063641	0.063641	0.063641	0.063641	0.063641	0.063641	0.063641
ROI Debt	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392



TAMPA ELECTRIC COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Actual for Months January 2022 through June 2022  
 Projected for Months July 2022 through December 2022

COMMERCIAL 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		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	
4. Depreciation Expense		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
5. Cumulative Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6. Less: Accumulated Depreciation	0	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
7. Net Investment	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
8. Average Investment		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		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Depreciation and Return		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.

Line 9 x 6.2122% x 1/12, based on ROE of 9.95% (Jan-Jun). Line 9 x 6.3641% x 1/12, based on ROE of 10.20% (Jul-Dec). Both based on weighted income tax rate of 25.345% (expansion factor of 1.34315).

Line 10 x 1.6392% x 1/12 (Jan-Dec)

ROI Equity	0.062122	0.062122	0.062122	0.062122	0.062122	0.062122	0.062122	0.063641	0.063641	0.063641	0.063641	0.063641	0.063641	0.063641
ROI Debt	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392

TAMPA ELECTRIC COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Actual for Months January 2022 through June 2022  
 Projected for Months July 2022 through December 2022

INTEGRATED RENEWABLE ENERGY SYSTEM

	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		0	0	0	0	0	0	0	0	0	0	0	0	0
2. In-Service		0	0	0	0	0	0	0	0	0	0	0	0	
3. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
4. Depreciation Base		4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	
5. Depreciation Expense		<u>69,809</u>	<u>69,809</u>	<u>69,809</u>	<u>69,809</u>	<u>69,809</u>	<u>69,809</u>	<u>69,809</u>	<u>69,809</u>	<u>69,809</u>	<u>69,809</u>	<u>69,809</u>	<u>69,809</u>	<u>837,708</u>
6. Cumulative Investment	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533	4,188,533
7. Less: Accumulated Depreciation	480,114	<u>549,923</u>	<u>619,732</u>	<u>689,541</u>	<u>759,350</u>	<u>829,159</u>	<u>898,968</u>	<u>968,777</u>	<u>1,038,586</u>	<u>1,108,395</u>	<u>1,178,204</u>	<u>1,248,013</u>	<u>1,317,822</u>	<u>1,317,822</u>
8. CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. Net Investment	<u>3,708,420</u>	<u>3,638,610</u>	<u>3,568,801</u>	<u>3,498,992</u>	<u>3,429,183</u>	<u>3,359,374</u>	<u>3,289,565</u>	<u>3,219,756</u>	<u>3,149,947</u>	<u>3,080,138</u>	<u>3,010,329</u>	<u>2,940,520</u>	<u>2,870,711</u>	<u>2,870,711</u>
10. Average Investment		3,673,515	3,603,706	3,533,897	3,464,088	3,394,279	3,324,470	3,254,661	3,184,852	3,115,043	3,045,234	2,975,425	2,905,616	
11. Return on Average Investment - Equity Component		19,017	18,656	18,294	17,933	17,572	17,210	17,261	16,891	16,520	16,150	15,780	15,410	206,694
12. Return on Average Investment - Debt Component		<u>5,018</u>	<u>4,923</u>	<u>4,827</u>	<u>4,732</u>	<u>4,637</u>	<u>4,541</u>	<u>4,446</u>	<u>4,351</u>	<u>4,255</u>	<u>4,160</u>	<u>4,064</u>	<u>3,969</u>	<u>53,923</u>
13. Total Depreciation and Return		<u>93,844</u>	<u>93,388</u>	<u>92,930</u>	<u>92,474</u>	<u>92,018</u>	<u>91,560</u>	<u>91,516</u>	<u>91,051</u>	<u>90,584</u>	<u>90,119</u>	<u>89,653</u>	<u>89,188</u>	<u>1,098,325</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.

Line 9 x 6.2122% x 1/12, based on ROE of 9.95% (Jan-Jun). Line 9 x 6.3641% x 1/12, based on ROE of 10.20% (Jul-Dec). Both based on weighted income tax rate of 25.345% (expansion factor of 1.34315).

Line 10 x 1.6392% x 1/12 (Jan-Dec)

ROI Equity	0.062122	0.062122	0.062122	0.062122	0.062122	0.062122	0.062122	0.063641	0.063641	0.063641	0.063641	0.063641	0.063641	0.063641
ROI Debt	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392

TAMPA ELECTRIC COMPANY  
 Schedule of Capital Investment, Depreciation and Return  
 Actual for Months January 2022 through June 2022  
 Projected for Months July 2022 through December 2022

PRIME TIME PLUS

	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		0	0	0	0	0	0	0	0	0	8,800	0	0	8,800
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	8,800	8,800	8,800	
4. Depreciation Expense		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>73</u>	<u>147</u>	<u>147</u>	<u>367</u>
5. Cumulative Investment	0	0	0	0	0	0	0	0	0	0	8,800	8,800	8,800	8,800
6. Less: Accumulated Depreciation	0	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>73</u>	<u>220</u>	<u>367</u>	<u>367</u>
7. Net Investment	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>8,727</u>	<u>8,580</u>	<u>8,433</u>	<u>8,433</u>
8. Average Investment		0	0	0	0	0	0	0	0	0	4,364	8,654	8,507	
9. Return on Average Investment		0	0	0	0	0	0	0	0	0	23	46	45	114
10. Return Requirements		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>6</u>	<u>12</u>	<u>12</u>	<u>30</u>
Total Depreciation and Return		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>102</u>	<u>205</u>	<u>204</u>	<u>511</u>

NOTES:

Depreciation expense is calculated using a useful life of 60 months.

Line 9 x 6.2122% x 1/12, based on ROE of 9.95% (Jan-Jun). Line 9 x 6.3641% x 1/12, based on ROE of 10.20% (Jul-Dec). Both based on weighted income tax rate of 25.345% (expansion factor of 1.34315).

Line 10 x 1.6392% x 1/12 (Jan-Dec)

ROI Equity	0.062122	0.062122	0.062122	0.062122	0.062122	0.062122	0.062122	0.063641	0.063641	0.063641	0.063641	0.063641	0.063641	0.063641
ROI Debt	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392	0.016392

C-3

TAMPA ELECTRIC COMPANY  
 Energy Conservation Adjustment  
 Calculation of True-up

Actual for Months January 2022 through June 2022  
 Projected for Months July 2022 through December 2022

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	97,255	137,118	296,366	168,037	82,214	123,534	221,937	170,768	200,768	172,518	173,958	135,687	1,980,163
D0083432 Residential Customer Assisted Audit	54	244	54	109	81	(29,606)	398,539	539	539	639	539	539	372,269
D0083434, D0083317 Residential Computer Assisted Audit	50	699	0	0	160	0	0	778	0	2,278	0	0	3,966
D0083526 Residential Ceiling Insulation	6,725	12,154	11,827	19,203	15,526	10,980	19,016	19,016	19,016	15,877	15,877	12,738	177,957
D0083530 Residential Duct Repair	858	1,321	7,232	13,086	(2,045)	1,443	7,427	7,427	7,427	7,427	7,427	7,427	66,456
D0083488 Energy and Renewable Education, Awareness and Agency Outre	17,827	3,512	10,594	12,025	9,169	10,988	24,149	19,694	56,664	19,684	19,571	19,404	223,281
D0083546 Energy Star Multi-Family	0	0	0	0	0	0	0	0	0	0	0	0	0
D0083541 Energy Star for New Homes	17,331	7,026	84,601	106,006	80,012	7,965	72,508	72,508	75,308	72,508	73,308	72,508	741,586
D0091086 Energy Star Pool Pumps	17,150	13,300	30,100	37,450	38,150	41,650	29,725	29,725	29,725	24,370	18,986	15,406	325,737
D0091087 Energy Star Thermostats	5,250	3,750	3,750	5,192	4,750	3,600	6,833	6,833	6,833	6,833	6,254	5,674	65,553
D0083332 Residential Heating and Cooling	34,007	29,128	28,721	33,545	52,183	38,205	49,471	53,032	53,032	35,147	28,627	21,684	456,782
D0083538 Neighborhood Weatherization	20,635	134,353	92,217	91,602	281,884	168,289	642,954	642,979	643,054	643,079	643,054	644,279	4,648,380
D0083542 Energy Planner	344,637	190,590	239,023	211,881	237,322	218,485	306,760	222,995	212,212	212,037	248,892	231,531	2,876,364
D0091106 Residential Prime Time Plus	1,213	3,417	2,681	3,883	742	1,183	70,715	70,716	71,717	144,193	148,447	128,212	647,118
D0083486 Residential Window Replacement	18,267	14,275	14,254	16,591	22,844	18,128	18,240	18,240	18,240	18,240	14,227	10,176	201,723
D0083335 Prime Time	4,884	856	4,068	233	705	460	1,334	1,334	1,334	5,534	1,334	5,534	27,608
D0083447 Commercial/Industrial Audit (Free)	11,404	21,459	23,957	33,838	25,457	37,177	28,964	33,964	30,464	28,964	31,964	28,964	336,577
D0083446 Comprehensive Commercial/Industrial Audit (Paid)	0	0	0	0	0	0	0	1,029	0	0	1,029	0	2,058
D0083534 Commercial Chiller	0	0	0	0	0	59	0	3,646	3,646	3,671	0	0	11,022
D0083487 Cogeneration	1,826	2,190	2,187	2,078	2,084	2,449	699	699	699	699	699	699	17,006
D0083318 Conservation Value	0	0	0	107	136	48	0	3,108	0	0	0	0	3,399
D0083540 Commercial Cooling	5,294	0	2,499	396	311	99	692	371	346	346	692	371	11,418
D0083533 Demand Response	508,000	2,225	572,726	287,352	287,709	289,051	287,994	288,044	287,994	287,994	289,544	287,994	3,676,627
D0091107 Facility Energy Management System	6,877	0	183	0	0	11,650	1,556	1,556	1,556	15,728	1,581	15,728	56,416
D0083506 Industrial Load Management (GLSM 2&3)	1,675,498	1,888,532	1,888,848	1,876,829	1,956,432	2,341,323	1,858,223	1,858,223	1,858,223	1,858,223	1,858,223	1,858,283	22,776,859
D0083547 LED Street and Outdoor Conversion Program	84,113	619,408	173,583	520,678	129,621	405,024	466,917	466,917	466,917	466,917	466,917	466,915	4,733,927
D0083528 Lighting Conditioned Space	17,064	11,594	69,632	6,788	(7,903)	96,644	57,078	39,204	56,878	39,204	41,204	57,078	484,466
D0083544 Lighting Non-Conditioned Space	24,871	61,700	15,873	12,440	3,936	8,993	19,806	19,606	19,606	11,432	12,432	19,806	230,500
D0083535 Lighting Occupancy Sensors	4,223	852	904	932	1,232	1,249	2,791	2,791	2,791	2,791	2,791	2,791	26,135
D0083527 CILM (GLSM 1)	0	0	0	933	933	933	933	933	933	933	0	0	6,531
D0091108 Commercial Smart Thermostats	0	0	183	64	132,178	210,502	128,667	4,401	7,220	7,220	7,220	5,051	502,705
D0083529 Standby Generator	400,250	452,932	327,691	406,638	442,566	409,219	416,690	416,640	461,844	438,034	438,084	445,609	5,056,198
D0091109 Variable Frequency Drive Control for Compressors	0	0	0	0	0	0	2,291	2,291	2,291	3,437	2,291	2,291	14,889
D0083537 Commercial Water Heating	0	0	0	0	0	0	0	0	0	0	0	2,183	2,183
D0083539 Conservation Research and Development	0	2,210	0	0	0	191	192	192	192	192	192	192	3,550
D0083531 Renewable Energy Program (Sun to Go)	(9,326)	(9,237)	667	(9,145)	(9,327)	(9,011)	(9,188)	(9,213)	40,787	40,787	(9,188)	(2,213)	6,394
D0083328 Common Expenses	35,938	34,629	62,148	35,637	42,495	66,004	95,331	46,851	55,051	49,646	46,851	47,541	618,123
D0090066 Integrated Renewable Energy System (Pilot)	93,844	93,388	92,930	92,474	92,018	91,586	92,648	92,183	91,716	91,251	90,785	90,320	1,105,145
Total	3,446,019	3,733,625	4,059,499	3,986,882	3,923,575	4,578,494	5,321,891	4,610,019	4,785,022	4,727,832	4,683,810	4,640,401	52,497,069
Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
Recoverable Conservation Expenses	3,446,019	3,733,625	4,059,499	3,986,882	3,923,575	4,578,494	5,321,891	4,610,019	4,785,022	4,727,832	4,683,810	4,640,401	52,497,069
Less Renewable Energy	(9,326)	(9,237)	667	(9,145)	(9,327)	(9,011)	(9,188)	(9,213)	40,787	40,787	(9,188)	(2,213)	6,394
Total Conservation Expenses	3,455,345	3,742,862	4,058,832	3,996,027	3,932,902	4,587,505	5,331,079	4,619,232	4,744,235	4,687,045	4,692,998	4,642,614	52,490,676

TAMPA ELECTRIC COMPANY  
 Energy Conservation Adjustment  
 Calculation of True-up

Actual for Months January 2022 through June 2022  
 Projected for Months July 2022 through December 2022

B. CONSERVATION REVENUES	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	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)	<u>3,078,239</u>	<u>3,156,412</u>	<u>3,072,077</u>	<u>3,152,747</u>	<u>3,518,183</u>	<u>4,016,354</u>	<u>4,000,730</u>	<u>4,010,506</u>	<u>4,049,379</u>	<u>3,769,992</u>	<u>3,138,085</u>	<u>3,000,090</u>	<u>41,962,793</u>
3. Total Revenues	3,078,239	3,156,412	3,072,077	3,152,747	3,518,183	4,016,354	4,000,730	4,010,506	4,049,379	3,769,992	3,138,085	3,000,090	41,962,793
4. Prior Period True-up	<u>388,886</u>	<u>388,886</u>	<u>388,886</u>	<u>388,886</u>	<u>388,886</u>	<u>388,886</u>	<u>388,886</u>	<u>388,886</u>	<u>388,886</u>	<u>388,886</u>	<u>388,886</u>	<u>388,885</u>	<u>4,666,631</u>
5. Conservation Revenue Applicable to Period	3,467,125	3,545,298	3,460,963	3,541,633	3,907,069	4,405,240	4,389,616	4,399,392	4,438,265	4,158,878	3,526,971	3,388,975	46,629,424
6. Conservation Expenses (C-3, Page 4, Line 14)	<u>3,455,345</u>	<u>3,742,862</u>	<u>4,058,832</u>	<u>3,996,027</u>	<u>3,932,902</u>	<u>4,587,505</u>	<u>5,331,079</u>	<u>4,619,232</u>	<u>4,744,235</u>	<u>4,687,045</u>	<u>4,692,998</u>	<u>4,642,614</u>	<u>52,490,676</u>
7. Regulatory Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0
8. True-up This Period (Line 5 - Line 6)	11,780	(197,564)	(597,869)	(454,394)	(25,833)	(182,265)	(941,463)	(219,840)	(305,970)	(528,167)	(1,166,027)	(1,253,639)	(5,861,252)
9. Interest Provision This Period (C-3, Page 6, Line 10)	957	1,624	2,809	4,395	6,105	8,808	10,557	9,954	8,779	8,321	6,460	2,750	71,520
10. True-up & Interest Provision Beginning of Period	10,818,286	10,442,137	9,857,311	8,873,365	8,034,480	7,625,866	7,063,523	5,743,731	5,144,959	4,458,882	3,550,150	2,001,697	10,818,286
11. Prior Period True-up Collected/(Refunded)	<u>(388,886)</u>	<u>(388,886)</u>	<u>(388,886)</u>	<u>(388,886)</u>	<u>(388,886)</u>	<u>(388,886)</u>	<u>(388,886)</u>	<u>(388,886)</u>	<u>(388,886)</u>	<u>(388,886)</u>	<u>(388,886)</u>	<u>(388,885)</u>	<u>(4,666,631)</u>
12. End of Period Total - Over/(Under) Recovered	<u>10,442,137</u>	<u>9,857,311</u>	<u>8,873,365</u>	<u>8,034,480</u>	<u>7,625,866</u>	<u>7,063,523</u>	<u>5,743,731</u>	<u>5,144,959</u>	<u>4,458,882</u>	<u>3,550,150</u>	<u>2,001,697</u>	<u>361,923</u>	<u>361,923</u>

Previous EOP Change  
 \* Net of Revenue Taxes

(A) Included in Line 6

Summary of Allocation	Forecast	Ratio	True Up
Demand	27,361,985	0.59	213,535
Energy	<u>19,268,985</u>	<u>0.41</u>	<u>148,388</u>
Total	<u>46,630,970</u>	<u>1.00</u>	<u>361,923</u>

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TAMPA ELECTRIC COMPANY  
 Energy Conservation Adjustment  
 Calculation of Interest Provision

Actual for Months January 2022 through June 2022  
 Projected for Months July 2022 through December 2022

C. INTEREST PROVISION	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1. Beginning True-up Amount (C-3, Page 5, Line 9)	\$10,818,286	\$10,442,137	\$9,857,311	\$8,873,365	\$8,034,480	\$7,625,866	\$7,063,523	\$5,743,731	\$5,144,959	\$4,458,882	\$3,550,150	\$2,001,697	
2. Ending True-up Amount Before Interest (C-3, Page 5, Lines 7 + 9 + 10)	<u>10,441,180</u>	<u>9,855,687</u>	<u>8,870,556</u>	<u>8,030,085</u>	<u>7,619,761</u>	<u>7,054,715</u>	<u>5,733,174</u>	<u>5,135,005</u>	<u>4,450,103</u>	<u>3,541,829</u>	<u>1,995,237</u>	<u>359,173</u>	
3. Total Beginning & Ending True-up	<u>\$21,259,466</u>	<u>\$20,297,824</u>	<u>\$18,727,867</u>	<u>\$16,903,450</u>	<u>\$15,654,241</u>	<u>\$14,680,581</u>	<u>\$12,796,697</u>	<u>\$10,878,736</u>	<u>\$9,595,062</u>	<u>\$8,000,711</u>	<u>\$5,545,387</u>	<u>\$2,360,870</u>	
4. Average True-up Amount (50% of Line 3)	<u>\$10,629,733</u>	<u>\$10,148,912</u>	<u>\$9,363,934</u>	<u>\$8,451,725</u>	<u>\$7,827,121</u>	<u>\$7,340,291</u>	<u>\$6,398,349</u>	<u>\$5,439,368</u>	<u>\$4,797,531</u>	<u>\$4,000,356</u>	<u>\$2,772,694</u>	<u>\$1,180,435</u>	
5. Interest Rate - First Day of Month	<u>0.08000</u>	0.14000	0.24000	0.49000	0.76000	1.12000	1.76000	2.20000	2.20000	2.20000	2.80000	2.80000	
6. Interest Rate - First Day of Next Month	<u>0.14000</u>	<u>0.24000</u>	<u>0.49000</u>	<u>0.76000</u>	<u>1.12000</u>	<u>1.76000</u>	<u>2.20000</u>	<u>2.20000</u>	<u>2.20000</u>	<u>2.80000</u>	<u>2.80000</u>	<u>2.80000</u>	
7. Total (Line 5 + Line 6)	<u>0.22000</u>	<u>0.38000</u>	<u>0.73000</u>	<u>1.25000</u>	<u>1.88000</u>	<u>2.88000</u>	<u>3.96000</u>	<u>4.40000</u>	<u>4.40000</u>	<u>5.00000</u>	<u>5.60000</u>	<u>5.60000</u>	
8. Average Interest Rate (50% of Line 7)	<u>0.11000</u>	<u>0.19000</u>	<u>0.36500</u>	<u>0.62500</u>	<u>0.94000</u>	<u>1.44000</u>	<u>1.98000</u>	<u>2.20000</u>	<u>2.20000</u>	<u>2.50000</u>	<u>2.80000</u>	<u>2.80000</u>	
9. Monthly Average Interest Rate (Line 8/12)	<u>0.00009</u>	<u>0.00016</u>	<u>0.00030</u>	<u>0.00052</u>	<u>0.00078</u>	<u>0.00120</u>	<u>0.00165</u>	<u>0.00183</u>	<u>0.00183</u>	<u>0.00208</u>	<u>0.00233</u>	<u>0.00233</u>	
10. Interest Provision (Line 4 x Line 9)	<u>\$957</u>	<u>\$1,624</u>	<u>\$2,809</u>	<u>\$4,395</u>	<u>\$6,105</u>	<u>\$8,808</u>	<u>\$10,557</u>	<u>\$9,954</u>	<u>\$8,779</u>	<u>\$8,321</u>	<u>\$6,460</u>	<u>\$2,750</u>	<u>\$71,520</u>

C-4

TAMPA ELECTRIC COMPANY  
 Energy Conservation  
 Calculation of Conservation Revenues

Actual for Months January 2022 through June 2022  
 Projected for Months July 2022 through December 2022

(1) Months	(2) Firm MWh Sales	(3) Interruptible MWh Sales	(4) Clause Revenue Net of Revenue Taxes
January	1,511,032	-	3,078,239
February	1,431,625	-	3,156,412
March	1,446,289	-	3,072,077
April	1,500,682	-	3,152,747
May	1,698,076	-	3,518,183
June	1,921,049	-	4,016,354
July	1,944,802	-	4,000,730
August	1,949,465	-	4,010,506
September	1,998,739	-	4,049,379
October	1,838,739	-	3,769,992
November	1,546,882	-	3,138,085
December	1,445,225	-	3,000,090
Total	20,232,605	0	41,962,793

**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, 2022 to December 31, 2022

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

Residential Walk-Through:	4,400
Residential Customer Assisted:	75,000
Residential Computer Assisted:	4
BERS:	0

January 1, 2023 to December 31, 2023

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

Residential Walk-Through:	4,000
Residential Customer Assisted:	50,000
Residential Computer Assisted:	2
BERS:	0

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$2,356,398.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$2,387,790.

**Program Progress Summary:**

Through December 31, 2021 the following Residential Energy Audit totals are:

Residential Walk-Through:	336,957
Residential Customer Assisted <sup>(1)</sup> :	336,437
Residential Computer Assisted:	3,911
<u>BERS:</u>	<u>80</u>
Total:	677,385

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, 2022 to December 31, 2022

During this period, there are 475 customers projected to participate.

January 1, 2023 to December 31, 2023

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

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$177,957.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$192,947.

**Program Progress Summary:**

Through December 31, 2021 the following Residential Ceiling Insulation totals are:

Residential Ceiling Insulation: 124,604

**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, 2022 to December 31, 2022

During this period, there are 300 customers projected to participate.

January 1, 2023 to December 31, 2023

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

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$66,456.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$113,662.

**Program Progress Summary:**

Through December 31, 2021 the following Residential Duct Repair totals are:  
Residential Duct Repair: 103,991

## PROGRAM DESCRIPTION AND PROGRESS

**Program Title:** ENERGY AND RENEWABLE 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, 2022 to December 31, 2022.

During this period, there are 2,200 customers projected to participate.

January 1, 2023 to December 31, 2023

During this period, there are 2,000 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$223,281.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$260,522.

**Program Progress Summary:**

Through 2021, Tampa Electric has partnered with 139 local schools to present Energy Education to 41,309 students and Electric Vehicle Education to 1,782 students from 3 local high schools. In addition, the company gave 202 presentations to civic organizations that generated 1,423 customer assisted audits and distributed 9,142 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, 2022 to December 31, 2022

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

January 1, 2023 to December 31, 2023

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

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$0.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$105,367.

**Program Progress Summary:**

Through December 31, 2021 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, 2022 to December 31, 2022

During this period, there are 720 customers projected to participate.

January 1, 2023 to December 31, 2023

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

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$741,586.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$1,114,928.

**Program Progress Summary:**

On November 3, 2015 ENERGY STAR for New Homes replaced the prior Residential New Construction Program. Through December 31, 2021 the following ENERGY STAR for New Homes totals are:

ENERGY STAR for New Homes: 16,347

**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, 2022 to December 31, 2022

During this period, there are 900 customers projected to participate.

January 1, 2023 to December 31, 2023

During this period, there are 920 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$325,737.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$342,563.

**Program Progress Summary:**

Through December 31, 2021 the following ENERGY STAR Pool Pumps totals are:

ENERGY STAR Pool Pumps: 638

**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, 2022 to December 31, 2022

During this period, there are 1,040 customers projected to participate.

January 1, 2023 to December 31, 2023

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

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$65,553.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$89,195.

**Program Progress Summary:**

Through December 31, 2021 the following ENERGY STAR Thermostats totals are:

ENERGY STAR Thermostats: 992

**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, 2022 to December 31, 2022

During this period, there are 2,930 units projected to be installed and approved.

January 1, 2023 to December 31, 2023

During this period, there are 3,275 units projected to be installed and approved.

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$456,782.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$512,806.

**Program Progress Summary:**

Through December 31, 2021 the following Residential Heating and Cooling totals are:

Residential Heating and Cooling: 214,821



**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, 2022 to December 31, 2022

During this period, there are 7,940 customers projected to participate.

January 1, 2023 to December 31, 2023

During this period, there are 7,800 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$4,648,380.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$4,480,287.

**Program Progress Summary:**

Through December 31, 2021 the following Neighborhood Weatherization totals are:

Neighborhood Weatherization: 54,744

## 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, 2022 to December 31, 2022

During this period, there are 650 projected customers for this program on a cumulative basis.

January 1, 2023 to December 31, 2023

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

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$2,876,364.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$2,833,906.

**Program Progress Summary:**

Through December 31, 2021 the following Energy Planner totals are:  
Energy Planner Participating Customers: 4,459

## 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, 2022 to December 31, 2022

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

January 1, 2023 to December 31, 2023

During this period, there are 3,000 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$647,118.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$1,862,806.

**Program Progress Summary:**

The company is projecting to initiate this program during the last quarter of 2022.

**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, 2022 to December 31, 2022

During this period, there are 1,100 customers projected to participate.

January 1, 2023 to December 31, 2023

During this period, there are 1,400 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$201,723.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$253,542.

**Program Progress Summary:**

Through December 31, 2021 the following Residential Window Replacement totals are:

Residential Window Replacement: 19,524

**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, 2022 to December 31, 2022

This program is retired.

January 1, 2023 to December 31, 2023

This program is retired.

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$27,608.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$41,373.

**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, 2022 to December 31, 2022

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

Commercial/Industrial (Free):	700
Comprehensive Commercial/Industrial (Paid):	1

January 1, 2023 to December 31, 2023

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

Commercial/Industrial (Free):	850
Comprehensive Commercial/Industrial (Paid):	4

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$338,635.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$479,574.

**Program Progress Summary:**

Through December 31, 2021 the following Commercial Energy Audit totals are:

Commercial/Industrial (Free):	27,411
Comprehensive Commercial/Industrial (Paid):	239
<u>Commercial Mail-in</u>	<u>1,477</u>
Commercial/Industrial Total	29,127

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

**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, 2022 to December 31, 2022

During this period, there is three units projected to be installed and approved.

January 1, 2023 to December 31, 2023

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

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$11,022.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$18,280.

**Program Progress Summary:**

Through December 31, 2021 the following Commercial Chiller totals are:  
Commercial Chiller: 75

## 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, 2022 to December 31, 2022

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, 2023 to December 31, 2023

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, 2022 to December 31, 2022

Expenditures are estimated to be \$17,006.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$8,984.

**Program Progress Summary:**

At the end of 2021, 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 398.3 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, 2022 to December 31, 2022

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

January 1, 2023 to December 31, 2023

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

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$3,399.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$22,290.

**Program Progress Summary:**

Through December 31, 2021 the following Conservation Value totals are:  
Conservation Value: 51

**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, 2022 to December 31, 2022

During this period, there are 40 units projected to be installed and approved.

January 1, 2023 to December 31, 2023

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

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$11,418.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$5,666.

**Program Progress Summary:**

Through December 31, 2021 the following Commercial Cooling totals are:  
Commercial Cooling: 2,396

## 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, 2022 to December 31, 2022

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

January 1, 2023 to December 31, 2023

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

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$3,676,627.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$3,633,195.

**Program Progress Summary:**

Through December 31, 2021, Tampa Electric was subscribed for 40 MW.

**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, 2022 to December 31, 2022

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

January 1, 2023 to December 31, 2023

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

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$56,416.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$76,537.

**Program Progress Summary:**

Through December 31, 2021 the following Facility Energy Management System totals are:

Facility Energy Management System: 2

**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, 2022 to December 31, 2022

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

January 1, 2023 to December 31, 2023

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

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$22,776,859.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$22,302,366.

**Program Progress Summary:**

Through December 31, 2021, there are 31 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, 2022 to December 31, 2022

During this period, there are 50,819 luminaires projected to be converted.

January 1, 2023 to December 31, 2023

During this period, there are no expected luminaires remaining to be converted for this program.

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Undepreciated net book value expenditures are estimated to be \$4,802,273.  
Salvage value associated with converted luminaires are estimated to be \$68,346.  
Net expenditures are estimated to be \$4,733,927.

January 1, 2023 to December 31, 2023

There are no expected luminaires remaining to be converted for this program.

**Program Progress Summary:**

Through December 31, 2021 the following street and outdoor metal halide and high-pressure sodium luminaires have been converted to light emitting diode luminaires:

Converted luminaires: 159,002

**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, 2022 to December 31, 2022

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

January 1, 2023 to December 31, 2023

During this period, there are 145 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$484,466.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$564,241.

**Program Progress Summary:**

Through December 31, 2021 the following Lighting Conditioned Space totals are:  
Lighting Conditioned Space: 3,115

**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, 2022 to December 31, 2022

During this period, there are 85 customers projected to participate.

January 1, 2023 to December 31, 2023

During this period, there are 90 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$230,500.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$190,212.

**Program Progress Summary:**

Through December 31, 2021 the following Lighting Non-Conditioned Space totals are:

Lighting Non-Conditioned Space: 1,123



**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, 2022 to December 31, 2022

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

January 1, 2023 to December 31, 2023

During this period, there are 10 units projected to be installed and approved.

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$26,135.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$27,416.

**Program Progress Summary:**

Through December 31, 2021 the following Lighting Occupancy Sensors totals are:  
Lighting Occupancy Sensors: 234

**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, 2022 to December 31, 2022

During this period, there are zero new installations projected.

January 1, 2023 to December 31, 2023

During this period, there are zero new installations projected.

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$6,531.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$25,818.

**Program Progress Summary:**

Through December 31, 2021 the following Commercial Load Management totals are:

Commercial Load Management Participating Customers: 4

**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, 2022 to December 31, 2022

During this period, there are 180 customers projected to participate.

January 1, 2023 to December 31, 2023

During this period, there are 25 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$502,705.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$78,374.

**Program Progress Summary:**

Through December 31, 2021 the following Commercial Smart Thermostat totals are:

Commercial Smart Thermostats: 2

**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, 2022 to December 31, 2022

During this period, there are ten new installations projected.

January 1, 2023 to December 31, 2023

During this period, there are two new installations projected.

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$5,056,198.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$5,313,415.

**Program Progress Summary:**

Through December 31, 2021 the following Standby Generator totals are:  
Standby Generator Participating Customers: 113

**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, 2022 to December 31, 2022

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

January 1, 2023 to December 31, 2023

During this period, there are 12 customers projected to participate.

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$14,889.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$27,903.

**Program Progress Summary:**

Through December 31, 2021 the following Variable Frequency Drive Control for Compressors totals are:

Variable Frequency Drive Control for Compressors: 1

**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, 2022 to December 31, 2022

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

January 1, 2023 to December 31, 2023

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

**Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$2,183.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$2,183.

**Program Progress Summary:**

Through December 31, 2021 the following Commercial Water Heating totals are:  
Commercial Water Heating: 0

## 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, 2022 to December 31, 2022

Expenditures are estimated to be \$3,550.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$2,514.

**Program Progress  
Summary:**

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

1. Battery storage for peak shifting.
2. 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, 2022 to December 31, 2022

During this period, there are 1,150 projected customers with 2,050 subscribed monthly blocks estimated on a cumulative basis.

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

January 1, 2023 to December 31, 2023

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

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

### **Program Fiscal Expenditures:**

January 1, 2022 to December 31, 2022

During this period, the company anticipates revenues of approximately \$124,545 to be used for new renewable generation. At the end of this period, the company projects the deferred balance (credits) to be \$553,503.

January 1, 2023 to December 31, 2023

During this period, the company anticipates revenues of approximately \$111,996 to be used for new renewable generation. At the end of this period, the company projects the deferred balance (credits) to be \$309,554.

### **Program Progress Summary:**

Through December 31, 2021, there were 1,146 customers with 1,944 blocks subscribed. In addition, there were 970 blocks of renewable energy purchased on a one-time basis. On a cumulative basis, there have been 578,878 monthly subscription blocks and 4,023 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, 2022 to December 31, 2022

Expenditures are estimated to be \$618,123.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$666,956.

**Program Progress Summary:** N/A

**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, 2022 to December 31, 2022

Expenditures are estimated to be \$1,105,145.

January 1, 2023 to December 31, 2023

Expenditures are estimated to be \$1,051,959.

**Program Progress Summary:**

The Integrated Renewable Energy System is installed and undergoing system testing as per the Pilot Program. The company is providing annual updates for this program in the annual DSM Program accomplishments due by March 1 of each year.