



BEFORE THE

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 20210002-EG

IN RE: CONSERVATION COST RECOVERY CLAUSE

TESTIMONY AND EXHIBIT

OF

MARK R. ROCHE

FILED: AUGUST 6, 2021

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

PREPARED DIRECT TESTIMONY

OF

MARK R. ROCHE

Q. Please state your name, address, occupation and employer.

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

Q. Please provide a brief outline of your educational background and business experience.

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

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

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

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

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

18
19 **A.** The purpose of my testimony is to support the company's
20 actual conservation costs incurred during the period
21 January through December 2020, the actual/projected
22 period January to December 2021, and the projected period
23 January through December 2022. The projected 2022 ECCR
24 factors have been calculated based on the current
25 approved allocation methodology and the allocation method

1 that is being proposed within Docket No. 20210034-EI
2 (Petition for Rate Increase by Tampa Electric Company).
3 Also, I will support the appropriate Contracted Credit
4 Value ("CCV") for participants in the General Service
5 Industrial Load Management Riders ("GSLM-2" and "GSLM-3")
6 for the period January through December 2021. I will
7 also support the appropriate Residential Variable Pricing
8 Rates ("RSVP-1") for participants in the Residential
9 Price Responsive Load Management Program for the period
10 January through December 2022.

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

14
15 **A.** Yes. Exhibit No. MRR-2 was prepared under my direction
16 and supervision. Exhibit No. MRR-2 includes Schedules C-
17 1 through C-5 and associated data which support the
18 development of the conservation cost recovery factors for
19 January through December 2022 using the current 12
20 Coincident Peak ("CP") and 1/13 Average Demand ("AD")
21 Factor allocation methodology.

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

1 estimated/actual true-up filing showing actual and
2 projected common costs, individual program costs, and any
3 revenues collected?
4

5 **A.** Yes, it does.
6

7 **Q.** What timeframe did Tampa Electric use to develop its 2021
8 annual estimated/actual true-up filing?
9

10 **A.** Tampa Electric developed its 2021 annual estimated/actual
11 true-up filing showing actual and projected common costs,
12 individual program costs, and any revenues collected
13 based upon six months of actuals and six months of
14 estimates.
15

16 **Q.** Please describe the conservation program costs projected
17 by Tampa Electric during the period January through
18 December 2020.
19

20 **A.** For the period January through December 2020, Tampa
21 Electric projected conservation program costs to be
22 \$41,518,534. The Commission authorized collections to
23 recover these expenses in Docket No. 20190002-EG, Order
24 No. PSC-2019-0504-FOF-EG, issued November 25, 2019.
25

1 **Q.** For the period January through December 2020, what were
2 Tampa Electric's conservation costs and what was
3 recovered through the ECCR clause?
4

5 **A.** For the period January through December 2020, Tampa
6 Electric incurred actual net conservation costs of
7 \$37,850,526 plus a beginning true-up over-recovery of
8 \$15,911,022 for a total of \$21,939,504. The amount
9 collected in the ECCR clause was \$42,124,571.
10

11 **Q.** What was the true-up amount?
12

13 **A.** The true-up amount for the period January through
14 December 2020 was an over-recovery of \$20,908,081
15 including interest.
16

17 **Q.** Please describe the conservation program costs projected
18 to be incurred by Tampa Electric during the period
19 January through December 2021?
20

21 **A.** The actual costs incurred by Tampa Electric through June
22 2021 and projected for July through December 2021 are
23 \$46,103,693. For the period, Tampa Electric anticipates
24 an over-recovery in the ECCR Clause of \$4,666,631 which
25 includes the 2020 true-up and interest. A summary of

1 these costs and estimates is fully detailed in Exhibit
2 No. MRR-2, Conservation Costs Projected, pages 26 through
3 36.

4
5 **Q.** Has Tampa Electric proposed any new or modified DSM
6 Programs for ECCR cost recovery for the period January
7 through December 2022?

8
9 **A.** No, at this time Tampa Electric is not proposing any new
10 or modified programs for ECCR cost recovery for the
11 period January through December 2022.

12
13 **Q.** Please summarize the proposed conservation costs for the
14 period January through December 2022 and the annualized
15 recovery factors based on a 12 CP and 1/13 AD basis
16 applicable for the period January through December 2022?

17
18 **A.** Tampa Electric estimates the total conservation costs
19 (less program revenues) during the period will be
20 \$46,630,970 plus the true-up. Including true-up
21 estimates, the January through December 2022 cost
22 recovery factors allocated on a 12 CP and 1/13 AD basis
23 for firm retail rate classes utilizing the allocation
24 method approved in Docket No. 20130040-EI are as follows:

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Cost Recovery Factors

<u>Rate Schedule</u>	<u>(cents per kWh)</u>
RS	0.236
GS and CS	0.218
GSD Optional - Secondary	0.190
GSD Optional - Primary	0.188
GSD Optional - Subtransmission	0.186
LS-1, LS-2	0.108

Cost Recovery Factors

<u>Rate Schedule</u>	<u>(dollars per kW)</u>
GSD - Secondary	0.82
GSD - Primary	0.81
GSD - Subtransmission	0.80
SBF - Secondary	0.82
SBF - Primary	0.81
SBF - Subtransmission	0.80
IS - Primary	0.73
IS - Subtransmission	0.72

Exhibit No. MRR-2, Conservation Costs Projected, pages 18 through 25 contain the Commission prescribed forms which detail these estimates.

1 **Q.** What are the annualized recovery factors based on a 12 CP
2 and 1/13 AD basis applicable for the period January
3 through December 2022 utilizing the allocation method
4 that is being proposed in Docket No. 20210034-EI ?

5
6 **A.** Using the total conservation costs (less program
7 revenues) during the period of \$46,630,970 plus the true-
8 up. Including true-up estimates, the January through
9 December 2022 cost recovery factors allocated on a 12 CP
10 and 1/13 AD basis for firm retail rate classes utilizing
11 the allocation method being proposed in Docket No.
12 20210034-EI are as follows:

Cost Recovery Factors	
<u>Rate Schedule</u>	<u>(cents per kWh)</u>
RS	0.236
GS and CS	0.218
GSD Optional - Secondary	0.193
GSD Optional - Primary	0.191
GSD Optional - Subtransmission	0.189
LS-1, LS-2	0.108

Cost Recovery Factors	
<u>Rate Schedule</u>	<u>(dollars per kW)</u>
GSD - Secondary	0.81

1	GSD - Primary	0.80
2	GSD - Subtransmission	0.80
3	SBD - Secondary	0.81
4	SBD - Primary	0.80
5	SBD - Subtransmission	0.80
6	GSLD - Primary	0.77
7	GSLD - Subtransmission	0.10

8

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

12

13 **A.** Yes, it has.

14

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

17

18 **A.** In Docket No. 19990037-EI, Tampa Electric petitioned the
 19 Commission to close its non-cost-effective interruptible
 20 service rate schedules while initiating the provision of
 21 a cost-effective non-firm service through a new load
 22 management program. This program would be funded through
 23 the ECCR clause and the appropriate monthly CCV billing
 24 credit for participating customers would be submitted for
 25 Commission approval as part of the company's annual ECCR

1 projection filing.

2

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

4

5 **A.** No, in Tampa Electric's Petition for limited proceeding
6 to approve the company's 2017 amended and restated
7 stipulation and settlement agreement (Docket No.
8 20170210-EI), the values to be used for the CCV amount on
9 an ongoing basis were approved by the Commission in Order
10 No. PSC-2017-0456-S-EI, on November 27, 2017.

11

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

13

14 **A.** The CCV amounts approved by the Commission were \$10.23
15 per kW for secondary, \$10.13 per kW for primary and
16 \$10.03 per kW for subtransmission voltage customers.
17 These CCV amounts took effect on January 1, 2018.

18

19 **Q.** What is the appropriate CCV for customers who elect to
20 take service under the GSLM-2 and GSLM-3 rate riders
21 during the January through December 2022 period?

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23 **A.** For the January through December 2022 period, the CCV
24 amounts are:

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CCV dollars per kW by Voltage Level

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

If the 2022 assessment for need determination indicates the availability of new non-firm load, the CCV will be applied to new subscriptions for service under those rate riders.

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

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

Q. What are the appropriate RSVP-1 rates for customers who elect to take this service during the period January through December 2022?

1 **A.** At the time required for this projection filing, the
2 company has not completed the analysis to determine all
3 of the other clause factors that are utilized to
4 calculate and establish the RSVP-1 rates for the January
5 through December 2022 period. The company will file with
6 the Commission the proposed RSVP-1 rates for Tampa
7 Electric's Price Responsive Load Management program based
8 upon the company's 2022 residential base rates and the
9 2022 projected clause amounts for ECCR, Fuel and
10 Purchased Power Cost Recovery, Capacity Cost Recovery and
11 the Environmental Cost Recovery as soon as the remaining
12 clause factors are finalized.

13
14 **Q.** Does this conclude your testimony?

15
16 **A.** Yes it does.
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CONSERVATION COSTS
PROJECTED

INDEX

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TAMPA ELECTRIC COMPANY
CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS
JANUARY 2022 THROUGH DECEMBER 2022
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	52.65%	9,728,165	2,109	1.07466	1.05327	10,246,390	2,267	49.26%	59.22%	58.46%
GS, CS	60.61%	953,392	180	1.07466	1.05325	1,004,163	193	4.83%	5.04%	5.02%
GSD Optional	4.01%	417,435	61	1.06993	1.04882	437,816	65	2.11%	1.70%	1.73%
GSD, SBF,RSD	73.83%	7,681,911	1,127	1.06993	1.04882	8,056,974	1,205	38.74%	31.48%	32.04%
IS,SBI	112.33%	920,157	94	1.03086	1.01682	935,638	96	4.50%	2.51%	2.66%
LS1, LS2	903.21%	110,703	1	1.07466	1.05327	116,600	2	0.56%	0.05%	0.09%
TOTAL		19,811,763	3,571			20,797,581	3,828	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 2020 projected demand losses.
(5) Based on 2020 projected energy losses.
(6) Col (2) * Col (5).
(7) Col (3) * Col (4).
(8) Col (6) / total for Col (6).
(9) Col (7) / total for Col (7).
(10) Col (8) * 0.0769 + Col (9) * 0.9231

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

C-1

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Summary of Cost Recovery Clause Calculation
For Months January 2022 through December 2022

1. Total Incremental Cost	46,630,970
2. Demand Related Incremental Costs	27,361,985
3. Energy Related Incremental Costs	19,268,985

RETAIL BY RATE CLASS

	<u>RS</u>	<u>GS, CS</u>	GSD, SBF <u>RSD</u>	GSD <u>OPTIONAL</u>	<u>IS, SBI</u>	<u>LS1, LS2</u>	<u>Total</u>
4. Demand Allocation Percentage	58.46%	5.02%	32.04%	1.73%	2.66%	0.09%	100.00%
5. Demand Related Incremental Costs (Total cost prorated based on demand allocation % above)	15,995,816	1,373,572	8,766,780	473,362	727,829	24,626	<u>27,361,985</u>
6. Demand Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 6 (Allocation of D & E is based on the forecast period cost.)	<u>(1,582,305)</u>	<u>(135,874)</u>	<u>(867,209)</u>	<u>(46,825)</u>	<u>(71,997)</u>	<u>(2,436)</u>	<u>(2,706,646)</u>
7. Total Demand Related Incremental Costs	<u>14,413,511</u>	<u>1,237,698</u>	<u>7,899,571</u>	<u>426,537</u>	<u>655,832</u>	<u>22,190</u>	<u>24,655,339</u>
8. Energy Allocation Percentage	49.26%	4.83%	38.74%	2.11%	4.50%	0.56%	100.00%
9. Net Energy Related Incremental Costs	9,491,902	930,692	7,464,805	406,576	867,104	107,906	<u>19,268,985</u>
10. Energy Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 6 (Allocation of D & E is based on the forecast period cost.)	<u>(965,489)</u>	<u>(94,667)</u>	<u>(759,298)</u>	<u>(41,356)</u>	<u>(88,199)</u>	<u>(10,976)</u>	<u>(1,959,985)</u>
11. Total Net Energy Related Incremental Costs	<u>8,526,414</u>	<u>836,025</u>	<u>6,705,507</u>	<u>365,220</u>	<u>778,905</u>	<u>96,930</u>	<u>17,309,000</u>
12. Total Incremental Costs (Line 5 + 9)	25,487,719	2,304,264	16,231,585	879,938	1,594,933	132,532	46,630,970
13. Total True Up (Over)/Under Recovery (Line 6 + 10) (Schedule C-3, Pg 6, Line 11) (Allocation of D & E is based on the forecast period cost.)	<u>(2,547,794)</u>	<u>(230,541)</u>	<u>(1,626,508)</u>	<u>(88,181)</u>	<u>(160,196)</u>	<u>(13,412)</u>	<u>(4,666,631)</u>
14. Total (Line 12 + 13)	<u>22,939,925</u>	<u>2,073,723</u>	<u>14,605,077</u>	<u>791,757</u>	<u>1,434,737</u>	<u>119,120</u>	<u>41,964,339</u>
15. Retail MWH Sales	9,728,165	953,392	7,681,911	417,435	920,157	110,703	19,811,763
16. Effective MWH at Secondary	9,728,165	953,392	7,681,911	417,435	920,157	110,703	19,811,763
17. Projected Billed KW at Meter	*	*	17,854,691	*	1,945,273	*	
18. Cost per KWH at Secondary (Line 14/Line 16)	0.23581	0.21751	*	0.18967	*	0.10760	
19. Revenue Tax Expansion Factor	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	
20. Adjustment Factor Adjusted for Taxes	0.2360	0.2177	*	0.1898	*	0.1077	
21. Conservation Adjustment Factor (cents/KWH)							
<u>RS, GS, CS, GSD Optional and LS1, LS2 Rates (cents/KWH) *</u>							
- Secondary	<u>0.236</u>	<u>0.218</u>		<u>0.190</u>		<u>0.108</u>	
- Primary				<u>0.188</u>			
- Subtransmission				<u>0.186</u>			
<u>GSD, SBF, RSD, IS, and SBI Standard Rates (\$/KW) *</u>							
<u>Full Requirement</u>							
- Secondary	*	*	<u>0.82</u>	*		*	
- Primary	*	*	<u>0.81</u>	*	<u>0.73</u>	*	
- Subtransmission	*	*	<u>0.80</u>	*	<u>0.72</u>	*	

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

TAMPA ELECTRIC COMPANY
CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS
JANUARY 2022 THROUGH DECEMBER 2022
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	52.64%	9,728,165	2,110	1.07440	1.05326	10,246,279	2,267	49.26%	59.21%	58.44%
GS,CS	60.60%	953,392	180	1.07440	1.05324	1,004,152	193	4.83%	5.04%	5.02%
GSD Optional	4.44%	415,088	62	1.07343	1.05213	436,728	67	2.10%	1.75%	1.78%
GSD, SBD, RSD	71.44%	6,675,591	1,004	1.07343	1.05213	7,023,602	1,078	33.77%	28.15%	28.58%
GSLDPR	99.91%	1,193,640	136	1.04485	1.02672	1,225,538	142	5.89%	3.71%	3.88%
GSLDSU	108.11%	735,184	78	1.02666	1.01449	745,836	80	3.59%	2.09%	2.21%
LS1, LS2	903.21%	110,703	1	1.07440	1.05326	116,599	2	0.56%	0.05%	0.09%
TOTAL		19,811,763	3,571			20,798,734	3,829	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 2020 projected demand losses.
(5) Based on 2020 projected energy losses.
(6) Col (2) * Col (5).
(7) Col (3) * Col (4).
(8) Col (6) / total for Col (6).
(9) Col (7) / total for Col (7).
(10) Col (8) * 0.0769 + Col (9) * 0.9231

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

C-1

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Summary of Cost Recovery Clause Calculation
For Months January 2022 through December 2022

1. Total Incremental Cost	46,630,970
2. Demand Related Incremental Costs	27,361,985
3. Energy Related Incremental Costs	19,268,985

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	58.44%	5.02%	28.58%	1.78%	3.88%	2.21%	0.09%	100.00%
5. Demand Related Incremental Costs (Total cost prorated based on demand allocation % above)	15,990,344	1,373,572	7,820,055	487,043	1,061,645	604,700	24,626	<u>27,361,985</u>
6. Demand Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 6 (Allocation of D & E is based on the forecast period cost.)	<u>(1,581,764)</u>	<u>(135,874)</u>	<u>(773,559)</u>	<u>(48,178)</u>	<u>(105,018)</u>	<u>(59,817)</u>	<u>(2,436)</u>	<u>(2,706,646)</u>
7. Total Demand Related Incremental Costs	<u>14,408,580</u>	<u>1,237,698</u>	<u>7,046,496</u>	<u>438,865</u>	<u>956,627</u>	<u>544,883</u>	<u>22,190</u>	<u>24,655,339</u>
8. Energy Allocation Percentage	49.26%	4.83%	33.77%	2.10%	5.89%	3.59%	0.56%	100.00%
9. Net Energy Related Incremental Costs	9,491,902	930,692	6,507,136	404,649	1,134,943	691,757	107,906	<u>19,268,985</u>
10. Energy Portion of End of Period True Up (O)/U Recovery Shown on Schedule C-3, Pg 6 (Allocation of D & E is based on the forecast period cost.)	<u>(965,489)</u>	<u>(94,667)</u>	<u>(661,887)</u>	<u>(41,160)</u>	<u>(115,443)</u>	<u>(70,363)</u>	<u>(10,976)</u>	<u>(1,959,985)</u>
11. Total Net Energy Related Incremental Costs	<u>8,526,414</u>	<u>836,025</u>	<u>5,845,249</u>	<u>363,489</u>	<u>1,019,500</u>	<u>621,393</u>	<u>96,930</u>	<u>17,309,000</u>
12. Total Incremental Costs (Line 5 + 9)	25,482,246	2,304,264	14,327,192	891,692	2,196,588	1,296,456	132,532	46,630,970
13. Total True Up (Over)/Under Recovery (Line 6 + 10) (Schedule C-3, Pg 6, Line 11) (Allocation of D & E is based on the forecast period cost.)	<u>(2,547,253)</u>	<u>(230,541)</u>	<u>(1,435,446)</u>	<u>(89,338)</u>	<u>(220,461)</u>	<u>(130,180)</u>	<u>(13,412)</u>	<u>(4,666,631)</u>
14. Total (Line 12 + 13)	<u>22,934,994</u>	<u>2,073,723</u>	<u>12,891,745</u>	<u>802,354</u>	<u>1,976,127</u>	<u>1,166,276</u>	<u>119,120</u>	<u>41,964,339</u>
15. Retail MWH Sales	9,728,165	953,392	6,675,591	415,088	1,193,640	735,184	110,703	19,811,763
16. Effective MWH at Secondary	9,728,165	953,392	6,675,591	415,088	1,193,640	735,184	110,703	19,811,763
17. Projected Billed KW at Meter	*	*	15,876,488	*	2,567,651	12,058,912	*	
18. Cost per KWH at Secondary (Line 14/Line 16)	0.23576	0.21751	*	0.19330	*	*	0.10760	
19. Revenue Tax Expansion Factor	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	
20. Adjustment Factor Adjusted for Taxes	0.2359	0.2177	*	0.1934	*	*	0.1077	
21. Conservation Adjustment Factor (cents/KWH)								
<u>RS, GS, CS, GSD Optional, LS1, and LS2 Rates (cents/KWH) *</u>								
- Secondary		<u>0.236</u>					<u>0.108</u>	
- Primary				<u>0.193</u>				<u>0.191</u>
- Subtransmission				<u>0.189</u>				
<u>GSD, SBD, RSD, GSLDPR, and GSLDSU Standard Rates (\$/KW) *</u>								
Full Requirement								
- Secondary	*	*	<u>0.81</u>	*			*	
- Primary	*	*	<u>0.80</u>	*	<u>0.77</u>		*	
- Subtransmission	*	*	<u>0.80</u>	*		<u>0.10</u>	*	

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

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TAMPA ELECTRIC COMPANY
Conservation Program Costs
Estimated For Months January 2022 through December 2022
ESTIMATED

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
D0083437 Residential Walk-Through Energy Audit	170,409	130,002	128,002	189,747	128,002	132,111	86,178	137,042	136,220	136,326	130,370	186,358	1,690,767
D0083432 Residential Customer Assisted Audit	583	583	683	583	583	583	398,583	583	583	683	583	583	405,192
D0083434, D0083317 Residential Computer Assisted Audit	0	0	842	0	842	0	0	842	300	842	0	0	3,666
D0083526 Residential Ceiling Insulation	12,845	12,764	12,064	13,491	14,889	14,889	17,713	17,713	17,713	14,889	14,889	12,064	175,920
D0083530 Residential Duct Repair	8,240	8,159	7,909	7,459	7,459	7,459	7,459	7,459	7,459	7,459	7,459	7,459	91,435
D0083488 Energy and Renewable Education, Awareness and Agen	14,232	14,227	14,497	14,292	14,287	26,481	14,276	14,271	14,466	14,261	14,172	14,105	183,562
D0083546 Energy Star Multi-Family	0	0	0	0	0	0	0	0	105,383	0	0	0	105,383
D0083541 Energy Star for New Homes	92,743	92,743	92,743	92,743	92,743	92,743	92,743	92,743	95,543	92,743	93,543	92,743	1,116,520
D0091086 Energy Star Pool Pumps	15,520	15,520	15,520	19,106	19,106	19,106	19,106	19,106	19,106	15,520	15,520	11,934	204,171
D0091087 Energy Star Thermostats	6,438	6,438	6,438	6,438	6,438	8,318	7,024	7,024	7,024	7,024	6,438	5,852	80,891
D0083332 Residential Heating and Cooling	33,081	40,170	43,520	46,641	50,210	53,811	57,411	57,411	57,380	43,070	36,470	29,494	548,669
D0083538 Neighborhood Weatherization	405,942	405,941	405,942	406,092	405,942	420,881	411,570	411,968	411,420	410,325	405,544	404,842	4,906,210
D0083542 Energy Planner	280,984	282,578	380,940	305,920	291,524	433,800	300,190	317,857	305,496	308,904	314,314	331,003	3,853,506
D0091106 Residential Prime Time Plus	17,010	17,010	17,010	17,010	17,010	17,010	17,010	17,010	17,010	24,882	24,882	26,507	229,360
D0083486 Residential Window Replacement	17,747	17,666	21,067	20,617	20,657	20,657	20,657	20,657	20,657	20,657	16,966	16,966	234,972
D0083335 Prime Time	880	5,105	880	5,205	880	5,105	880	5,205	880	5,205	880	5,789	36,895
D0083447 Commercial/Industrial Audit (Free)	30,445	27,095	29,795	26,195	27,195	26,545	26,195	28,695	26,195	26,195	29,195	26,091	329,834
D0083446 Comprehensive Commercial/Industrial Audit (Paid)	0	0	1,066	0	1,066	0	0	1,066	0	0	1,066	0	4,262
D0083534 Commercial Chiller	0	0	3,683	0	3,658	3,658	0	3,658	0	3,683	0	0	18,340
D0083487 Cogeneration	3,496	3,496	3,496	3,496	3,496	3,496	3,496	3,496	3,496	3,496	3,496	3,496	41,958
D0083318 Conservation Value	0	0	0	0	220	220	220	51,772	0	0	0	0	52,432
D0083540 Commercial Cooling	433	358	358	716	358	358	716	383	358	358	716	383	5,495
D0083533 Demand Response	256,263	256,213	256,213	256,213	256,263	256,213	256,213	256,263	256,213	256,213	257,763	256,213	3,076,260
D0091107 Facility Energy Management System	1,327	26,510	0	1,327	26,510	0	1,327	26,510	1,485	1,485	1,485	26,510	114,477
D0083506 Industrial Load Management (GLSM 2&3)	1,429,034	1,430,279	1,428,984	1,428,810	1,428,860	1,428,810	1,428,810	1,430,104	1,428,810	1,428,810	1,428,860	1,429,209	17,149,379
D008347 LED Street and Outdoor Conversion Program	441,113	441,113	441,113	441,113	441,113	441,113	441,113	441,113	441,113	441,113	441,113	441,117	5,293,360
D0083528 Lighting Conditioned Space	30,263	43,241	30,013	43,241	43,241	43,241	44,441	30,013	43,241	30,013	31,013	43,441	455,404
D0083544 Lighting Non-Conditioned Space	9,535	9,285	15,013	15,013	9,285	9,285	16,213	15,013	15,013	9,285	9,285	16,213	148,436
D0083535 Lighting Occupancy Sensors	2,538	2,538	2,538	2,538	2,538	2,538	2,538	2,538	2,538	2,538	2,538	2,538	30,458
D0083527 CILM (GLSM 1)	0	0	0	933	933	933	933	933	933	933	0	0	6,531
D0091108 Commercial Smart Thermostats	2,681	2,681	4,010	4,010	4,010	4,010	4,660	2,681	4,010	4,010	4,010	3,331	44,103
D0083529 Standby Generator	323,756	323,756	325,266	325,466	326,456	326,456	326,456	329,956	329,956	329,956	333,456	332,456	3,933,387
D0091109 Variable Frequency Drive Control for Compressors	3,509	3,567	3,567	6,225	3,567	6,225	3,567	3,567	3,567	6,225	3,567	3,567	50,723
D0083537 Commercial Water Heating	0	0	0	0	0	0	2,171	0	0	0	0	0	2,171
D0083539 Conservation Research and Development	207	207	207	207	207	207	207	207	207	207	207	207	2,486
D0083531 Renewable Energy Program (Sun to Go)	86,173	(4,066)	869	(9,066)	(8,827)	(9,066)	(4,131)	(9,066)	81,023	(8,916)	(9,066)	873	106,732
D0083328 Common Expenses	49,414	51,370	77,289	50,654	49,436	52,068	98,894	50,439	58,068	52,081	50,417	52,090	692,220
D0090066 Integrated Renewable Energy System (Pilot)	112,463	111,896	111,329	110,762	110,195	109,628	109,062	108,495	107,928	107,361	106,794	106,227	1,312,134
Total All Programs	<u>3,859,303</u>	<u>3,778,444</u>	<u>3,882,864</u>	<u>3,853,195</u>	<u>3,800,350</u>	<u>3,958,690</u>	<u>4,213,900</u>	<u>3,904,725</u>	<u>4,020,794</u>	<u>3,797,834</u>	<u>3,777,943</u>	<u>3,889,661</u>	<u>46,737,702</u>
Less Renewable Energy Expenses	86,173	(4,066)	869	(9,066)	(8,827)	(9,066)	(4,131)	(9,066)	81,023	(8,916)	(9,066)	873	106,732
Total Recoverable Conservation Expenses	<u>3,773,130</u>	<u>3,782,510</u>	<u>3,881,995</u>	<u>3,862,262</u>	<u>3,809,176</u>	<u>3,967,757</u>	<u>4,218,031</u>	<u>3,913,791</u>	<u>3,939,770</u>	<u>3,806,750</u>	<u>3,787,009</u>	<u>3,888,788</u>	<u>46,630,970</u>
Summary of Demand & Energy													
Energy	1,524,653	1,527,122	1,568,760	1,594,854	1,553,094	1,635,379	1,933,553	1,635,821	1,670,119	1,526,475	1,505,303	1,593,851	19,268,985
Demand	2,248,477	2,255,388	2,313,235	2,267,408	2,256,082	2,332,378	2,284,478	2,277,970	<u>2,269,651</u>	<u>2,280,275</u>	2,281,706	2,294,937	27,361,985
Total Recoverable Conserv. Expenses	<u>3,773,130</u>	<u>3,782,510</u>	<u>3,881,995</u>	<u>3,862,262</u>	<u>3,809,176</u>	<u>3,967,757</u>	<u>4,218,031</u>	<u>3,913,791</u>	<u>3,939,770</u>	<u>3,806,750</u>	<u>3,787,009</u>	<u>3,888,788</u>	<u>46,630,970</u>

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TAMPA ELECTRIC COMPANY
Conservation Program Costs

Estimated For Months January 2022 through December 2022

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	904,862	6,600	0	629,995	0	122,800	26,510	0	1,690,767
D0083432 Residential Customer Assisted Audit	0	6,992	0	398,000	0	0	0	200	0	405,192
D0083434, D0083317 Residential Computer Assisted Audit	0	3,366	0	0	0	0	0	300	0	3,666
D0083526 Residential Ceiling Insulation	0	46,324	0	0	0	127,875	240	1,481	0	175,920
D0083530 Residential Duct Repair	0	29,024	0	0	0	60,000	480	1,931	0	91,435
D0083488 Energy and Renewable Education, Awareness and Ag	9,280	132,007	29,000	0	0	0	975	12,300	0	183,562
D0083546 Energy Star Multi-Family	0	383	0	0	0	105,000	0	0	0	105,383
D0083541 Energy Star for New Homes	0	32,380	0	0	0	1,080,000	300	3,840	0	1,116,520
D0091086 Energy Star Pool Pumps	0	18,551	0	0	0	185,500	120	0	0	204,171
D0091087 Energy Star Thermostats	0	30,891	0	0	0	50,000	0	0	0	80,891
D0083332 Residential Heating and Cooling	0	72,242	0	0	0	472,500	360	3,567	0	548,669
D0083538 Neighborhood Weatherization	0	826,304	411,618	0	50,000	3,564,108	31,800	22,380	0	4,906,210
D0083542 Energy Planner	1,046,076	1,161,244	199,300	817,018	470,004	0	35,748	124,116	0	3,853,506
D0091106 Residential Prime Time Plus	0	227,735	0	100	0	0	25	1,500	0	229,360
D0083486 Residential Window Replacement	0	56,161	0	0	0	176,400	240	2,171	0	234,972
D0083335 Prime Time	684	10,561	0	25,200	0	0	150	300	0	36,895
D0083447 Commercial/Industrial Audit (Free)	0	256,774	3,700	0	50,000	0	3,900	15,460	0	329,834
D0083446 Comprehensive Commercial/Industrial Audit (Paid)	0	1,942	0	2,000	0	0	320	0	0	4,262
D0083534 Commercial Chiller	0	790	0	0	0	17,500	50	0	0	18,340
D0083487 Cogeneration	0	40,758	0	0	0	0	1,200	0	0	41,958
D0083318 Conservation Value	0	1,890	0	542	0	50,000	0	0	0	52,432
D0083540 Commercial Cooling	0	2,370	0	0	0	3,000	75	50	0	5,495
D0083533 Demand Response	0	34,960	0	0	0	3,038,400	1,400	1,500	0	3,076,260
D0091107 Facility Energy Management System	0	14,377	0	0	0	100,000	100	0	0	114,477
D0083506 Industrial Load Management (GLSM 2&3)	0	47,804	0	0	0	17,100,000	1,575	0	0	17,149,379
D0083547 LED Street and Outdoor Conversion Program	0	0	0	0	0	0	0	5,418,360	(125,000)	5,293,360
D0083528 Lighting Conditioned Space	0	64,654	0	0	0	387,500	600	2,650	0	455,404
D0083544 Lighting Non-Conditioned Space	0	55,186	0	0	0	90,000	600	2,650	0	148,436
D0083535 Lighting Occupancy Sensors	0	12,158	0	0	0	18,000	300	0	0	30,458
D0083527 CILM (GLSM 1)	0	0	0	0	0	6,531	0	0	0	6,531
D0091108 Commercial Smart Thermostats	0	18,503	0	0	0	24,000	300	1,300	0	44,103
D0083529 Standby Generator	0	68,467	0	150,000	0	3,687,520	1,800	25,600	0	3,933,387
D0091109 Variable Frequency Drive Control for Compressors	0	12,923	0	0	0	37,500	300	0	0	50,723
D0083537 Commercial Water Heating	0	171	0	0	0	2,000	0	0	0	2,171
D0083539 Conservation Research and Development	0	2,486	0	0	0	0	0	0	0	2,486
D0083531 Renewable Energy Program (Sun to Go)	0	13,207	0	215,000	0	0	75	450	(122,000)	106,732
D0083328 Common Expenses	0	472,672	600	105,558	0	0	0	113,390	0	692,220
D0090066 Integrated Renewable Energy System (Pilot)	1,297,488	14,046	0	0	0	0	600	0	0	1,312,134
Total All Programs	<u>2,353,528</u>	<u>4,695,166</u>	<u>650,818</u>	<u>1,713,418</u>	<u>1,199,999</u>	<u>30,383,334</u>	<u>206,433</u>	<u>5,782,006</u>	<u>(247,000)</u>	<u>46,737,702</u>
Less Renewable Energy Expenses	<u>0</u>	<u>13,207</u>	<u>0</u>	<u>215,000</u>	<u>0</u>	<u>0</u>	<u>75</u>	<u>450</u>	<u>(122,000)</u>	<u>106,732</u>
Total Recoverable Conservation Expenses	<u>2,353,528</u>	<u>4,681,959</u>	<u>650,818</u>	<u>1,498,418</u>	<u>1,199,999</u>	<u>30,383,334</u>	<u>206,358</u>	<u>5,781,556</u>	<u>(125,000)</u>	<u>46,630,970</u>
<u>Summary of Demand & Energy</u>										
Energy	1,181,062	3,467,209	550,868	861,830	964,997	6,550,883	183,234	5,633,903	(125,000)	19,268,986
Demand	<u>1,172,466</u>	<u>1,214,750</u>	<u>99,950</u>	<u>636,588</u>	<u>235,002</u>	<u>23,832,451</u>	<u>23,124</u>	<u>147,653</u>	<u>0</u>	<u>27,361,984</u>
Total Recoverable Conserv. Expenses	<u>2,353,528</u>	<u>4,681,959</u>	<u>650,818</u>	<u>1,498,418</u>	<u>1,199,999</u>	<u>30,383,334</u>	<u>206,358</u>	<u>5,781,556</u>	<u>(125,000)</u>	<u>46,630,970</u>

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated For Months January 2022 through December 2022
PRICE RESPONSIVE LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		190,737	190,737	190,737	190,737	190,737	190,737	190,737	190,737	190,737	190,737	190,737	190,737	2,288,844
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		3,471,180	3,600,851	3,768,554	3,907,075	4,050,086	4,196,730	4,355,257	4,477,397	4,634,468	4,766,882	4,914,144	4,997,876	51,140,500
4. Depreciation Expense		<u>56,272</u>	<u>58,934</u>	<u>61,412</u>	<u>63,964</u>	<u>66,310</u>	<u>68,723</u>	<u>71,267</u>	<u>73,605</u>	<u>75,932</u>	<u>78,345</u>	<u>80,675</u>	<u>82,600</u>	<u>838,039</u>
5. Cumulative Investment	3,281,493	3,471,180	3,600,851	3,768,554	3,907,075	4,050,086	4,196,730	4,355,257	4,477,397	4,634,468	4,766,882	4,914,144	4,997,876	4,997,876
6. Less: Accumulated Depreciation	1,560,479	<u>1,615,701</u>	<u>1,613,569</u>	<u>1,651,947</u>	<u>1,663,695</u>	<u>1,682,279</u>	<u>1,706,909</u>	<u>1,745,966</u>	<u>1,750,974</u>	<u>1,793,240</u>	<u>1,813,262</u>	<u>1,850,462</u>	<u>1,826,057</u>	<u>1,826,057</u>
7. Net Investment	<u>1,721,014</u>	<u>1,855,479</u>	<u>1,987,282</u>	<u>2,116,607</u>	<u>2,243,380</u>	<u>2,367,807</u>	<u>2,489,821</u>	<u>2,609,291</u>	<u>2,726,423</u>	<u>2,841,228</u>	<u>2,953,620</u>	<u>3,063,682</u>	<u>3,171,819</u>	<u>3,171,819</u>
8. Average Investment		1,788,247	1,921,381	2,051,945	2,179,994	2,305,594	2,428,814	2,549,556	2,667,857	2,783,826	2,897,424	3,008,651	3,117,751	
9. Return on Average Investment - Equity Component		10,089	10,840	11,576	12,299	13,007	13,702	14,384	15,051	15,705	16,346	16,974	17,589	167,562
10. Return on Average Investment - Debt Component		<u>2,437</u>	<u>2,618</u>	<u>2,796</u>	<u>2,971</u>	<u>3,142</u>	<u>3,310</u>	<u>3,474</u>	<u>3,636</u>	<u>3,794</u>	<u>3,948</u>	<u>4,100</u>	<u>4,249</u>	<u>40,475</u>
11. Total Depreciation and Return		<u>68,798</u>	<u>72,392</u>	<u>75,784</u>	<u>79,234</u>	<u>82,459</u>	<u>85,735</u>	<u>89,125</u>	<u>92,292</u>	<u>95,431</u>	<u>98,639</u>	<u>101,749</u>	<u>104,438</u>	<u>1,046,076</u>

NOTES:

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

Line 9 x 6.7699% x 1/12 (Jan-Dec). Based on ROE of 10.75% and weighted income tax rate of 25.345% (expansion factor of 1.34315).

Line 10 x 1.6353% x 1/12 (Jan-Dec).

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated For Months January 2022 through December 2022
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		<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>
11. 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:

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

Line 9 x 6.7699% x 1/12 (Jan-Dec). Based on ROE of 10.75% and weighted income tax rate of 25.345% (expansion factor of 1.34315).

Line 10 x 1.6353% x 1/12 (Jan-Dec).

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return

Estimated For Months January 2022 through December 2022

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		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	28,834	<u>29,563</u>	<u>30,292</u>	<u>31,021</u>	<u>31,750</u>	<u>32,479</u>	<u>33,208</u>	<u>33,937</u>	<u>34,666</u>	<u>35,395</u>	<u>36,124</u>	<u>26,730</u>	<u>14,664</u>	<u>14,664</u>
7. Net Investment	<u>14,898</u>	<u>14,169</u>	<u>13,440</u>	<u>12,711</u>	<u>11,982</u>	<u>11,253</u>	<u>10,524</u>	<u>9,795</u>	<u>9,066</u>	<u>8,337</u>	<u>7,608</u>	<u>6,963</u>	<u>6,506</u>	<u>6,506</u>
8. Average Investment		14,534	13,805	13,076	12,347	11,618	10,889	10,160	9,431	8,702	7,973	7,286	6,735	
9. Return on Average Investment - Equity Component		82	78	74	70	66	61	57	53	49	45	41	38	714
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>
11. Total Depreciation and Return		<u>831</u>	<u>826</u>	<u>821</u>	<u>816</u>	<u>811</u>	<u>805</u>	<u>800</u>	<u>795</u>	<u>790</u>	<u>785</u>	<u>696</u>	<u>504</u>	<u>9,280</u>

NOTES:

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

Line 9 x 6.7699% x 1/12 (Jan-Dec). Based on ROE of 10.75% and weighted income tax rate of 25.345% (expansion factor of 1.34315).

Line 10 x 1.6353% x 1/12 (Jan-Dec).

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TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated For Months January 2022 through December 2022
COMMERCIAL LOAD MANAGEMENT

	Beginning of Period	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1. Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
3. Depreciation Base		0	0	0	0	0	0	0	0	0	0	0	0	
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>
11. 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:

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

Line 9 x 6.7699% x 1/12 (Jan-Dec). Based on ROE of 10.75% and weighted income tax rate of 25.345% (expansion factor of 1.34315).

Line 10 x 1.6353% x 1/12 (Jan-Dec).

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated For Months January 2022 through December 2022
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		4,856,034	4,856,034	4,856,034	4,856,034	4,856,034	4,856,034	4,856,034	4,856,034	4,856,034	4,856,034	4,856,034	4,856,034	
5. Depreciation Expense		<u>80,934</u>	<u>80,934</u>	<u>80,934</u>	<u>80,934</u>	<u>80,934</u>	<u>80,934</u>	<u>80,934</u>	<u>80,934</u>	<u>80,934</u>	<u>80,934</u>	<u>80,934</u>	<u>80,934</u>	<u>971,208</u>
6. Cumulative Investment	4,856,034	4,856,034	4,856,034	4,856,034	4,856,034	4,856,034	4,856,034	4,856,034	4,856,034	4,856,034	4,856,034	4,856,034	4,856,034	4,856,034
7. Less: Accumulated Depreciation	488,542	<u>569,476</u>	<u>650,410</u>	<u>731,344</u>	<u>812,278</u>	<u>893,212</u>	<u>974,146</u>	<u>1,055,080</u>	<u>1,136,014</u>	<u>1,216,948</u>	<u>1,297,882</u>	<u>1,378,816</u>	<u>1,459,750</u>	<u>1,459,750</u>
8. CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0	
9. Net Investment	<u>4,367,492</u>	<u>4,286,558</u>	<u>4,205,624</u>	<u>4,124,690</u>	<u>4,043,756</u>	<u>3,962,822</u>	<u>3,881,888</u>	<u>3,800,954</u>	<u>3,720,020</u>	<u>3,639,086</u>	<u>3,558,152</u>	<u>3,477,218</u>	<u>3,396,284</u>	<u>3,396,284</u>
10. Average Investment		4,327,025	4,246,091	4,165,157	4,084,223	4,003,289	3,922,355	3,841,421	3,760,487	3,679,553	3,598,619	3,517,685	3,436,751	
11. Return on Average Investment - Equity Component		24,411	23,955	23,498	23,041	22,585	22,128	21,672	21,215	20,759	20,302	19,845	19,389	262,800
12. Return on Average Investment - Debt Component		<u>5,897</u>	<u>5,786</u>	<u>5,676</u>	<u>5,566</u>	<u>5,455</u>	<u>5,345</u>	<u>5,235</u>	<u>5,125</u>	<u>5,014</u>	<u>4,904</u>	<u>4,794</u>	<u>4,683</u>	<u>63,480</u>
13. Total Depreciation and Return		<u>111,242</u>	<u>110,675</u>	<u>110,108</u>	<u>109,541</u>	<u>108,974</u>	<u>108,407</u>	<u>107,841</u>	<u>107,274</u>	<u>106,707</u>	<u>106,140</u>	<u>105,573</u>	<u>105,006</u>	<u>1,297,488</u>

NOTES:

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

Line 9 x 6.7699% x 1/12 (Jan-Dec). Based on ROE of 10.75% and weighted income tax rate of 25.345% (expansion factor of 1.34315).

Line 10 x 1.6353% x 1/12 (Jan-Dec).

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Estimated For Months January 2022 through December 2022

PRIME TIME PLUS

	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	58,000	58,000
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	58,000	
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>483</u>	<u>483</u>
5. Cumulative Investment	0	0	0	0	0	0	0	0	0	0	0	0	58,000	58,000
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>483</u>	<u>483</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>57,517</u>	<u>57,517</u>
8. Average Investment		0	0	0	0	0	0	0	0	0	0	0	28,759	
9. Return on Average Investment		0	0	0	0	0	0	0	0	0	0	0	162	162
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>0</u>	<u>0</u>	<u>39</u>	<u>39</u>
11. 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>684</u>	<u>684</u>

NOTES:

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

Line 9 x 6.7699% x 1/12 (Jan-Dec). Based on ROE of 10.75% and weighted income tax rate of 25.345% (expansion factor of 1.34315).

Line 10 x 1.6353% x 1/12 (Jan-Dec).

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TAMPA ELECTRIC COMPANY
Conservation Program Costs

Actual for Months January 2021 through June 2021
Projected for Months July 2021 through December 2021

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	619,143	486	416	184,266	0	27,816	21,046	0	853,173
Projected	0	479,521	3,300	0	525,916	0	61,400	17,570	0	1,187,707
Total	0	1,098,664	3,786	416	810,182	0	89,216	38,616	0	2,040,880
D0083432 Residential Customer Assisted Audit										
Actual	0	942	0	0	0	0	0	0	0	942
Projected	0	3,496	100	398,000	0	0	0	0	0	401,596
Total	0	4,438	100	398,000	0	0	0	0	0	402,538
D0083434, D0083317 Residential Computer Assisted Audit										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	842	0	0	0	0	0	300	0	1,142
Total	0	842	0	0	0	0	0	300	0	1,142
D0083526 Residential Ceiling Insulation										
Actual	0	26,403	0	0	0	55,241	0	0	0	81,644
Projected	0	23,167	0	0	0	49,500	120	1,250	0	74,037
Total	0	49,570	0	0	0	104,741	120	1,250	0	155,681
D0083530 Residential Duct Repair										
Actual	0	7,525	0	0	0	16,225	0	0	0	23,750
Projected	0	14,098	0	0	0	30,000	120	1,250	0	45,468
Total	0	21,623	0	0	0	46,225	120	1,250	0	69,218
D0083488 Energy and Renewable Education, Awareness and Agency Outreach										
Actual	5,216	56,748	100,883	8,638	21	0	0	623	0	172,129
Projected	5,045	58,266	500	20,142	0	0	400	4,300	0	88,753
Total	10,261	115,014	101,483	28,780	21	0	400	4,923	0	260,882
D0083546 Energy Star Multi-Family										
Actual	0	210	0	0	0	0	0	0	0	210
Projected	0	0	0	0	0	0	0	0	0	0
Total	0	210	0	0	0	0	0	0	0	210
D0083541 Energy Star for New Homes										
Actual	0	9,899	0	0	0	636,200	0	0	0	646,099
Projected	0	15,693	0	0	0	450,000	60	1,820	0	467,573
Total	0	25,592	0	0	0	1,086,200	60	1,820	0	1,113,672
D0091086 Energy Star Pool Pumps										
Actual	0	0	0	0	0	89,250	0	0	0	89,250
Projected	0	12,302	0	0	0	89,250	0	900	0	102,452
Total	0	12,302	0	0	0	178,500	0	900	0	191,702
D0091087 Energy Star Thermostats										
Actual	0	0	0	0	0	23,450	0	0	0	23,450
Projected	0	14,737	0	0	0	27,000	0	900	0	42,637
Total	0	14,737	0	0	0	50,450	0	900	0	66,087
D0083332 Residential Heating and Cooling										
Actual	0	30,052	0	0	0	207,090	0	450	0	237,592
Projected	0	30,772	0	0	0	229,500	60	120	0	260,452
Total	0	60,824	0	0	0	436,590	60	570	0	498,044
D0083538 Neighborhood Weatherization										
Actual	0	78,681	61,545	2,161	18	114,837	0	2,811	0	260,053
Projected	0	550,350	30,400	214,920	3,000	2,328,300	15,500	1,440	0	3,143,910
Total	0	629,031	91,945	217,081	3,018	2,443,137	15,500	4,251	0	3,403,963
D0083542 Energy Planner										
Actual	338,716	379,379	25,346	238,454	0	0	17,718	9,189	0	1,008,802
Projected	337,906	557,373	40,100	418,825	7,000	0	17,824	11,258	0	1,390,286
Total	676,622	936,752	65,446	657,279	7,000	0	35,542	20,447	0	2,399,088
D0091106 Residential Prime Time Plus										
Actual	0	0	0	237	0	0	0	0	0	237
Projected	0	39,805	0	0	0	0	0	0	0	39,805
Total	0	39,805	0	237	0	0	0	0	0	40,042
D0083486 Residential Window Replacement										
Actual	0	31,368	0	0	0	126,216	0	0	0	157,584
Projected	0	26,406	0	0	0	83,160	120	120	0	109,806
Total	0	57,774	0	0	0	209,376	120	120	0	267,390
D0083335 Prime Time										
Actual	0	3,419	129	8,358	0	0	0	297	0	12,203
Projected	0	8,297	0	8,400	0	0	0	180	0	16,877
Total	0	11,716	129	16,758	0	0	0	477	0	29,080
D0083447 Commercial/Industrial Audit (Free)										
Actual	0	100,206	29	310	4,310	0	6	3,438	0	108,299
Projected	0	132,809	1,900	0	50,000	0	1,000	5,920	0	191,629
Total	0	233,015	1,929	310	54,310	0	1,006	9,358	0	299,928
D0083446 Comprehensive Commercial/Industrial Audit (Paid)										
Actual	0	0	0	0	0	0	0	(420)	0	(420)
Projected	0	486	0	500	0	0	80	0	0	1,066
Total	0	486	0	500	0	0	80	(420)	0	646
D0083534 Commercial Chiller										
Actual	0	0	0	0	0	0	0	105	0	105
Projected	0	158	0	0	0	3,500	0	0	0	3,658
Total	0	158	0	0	0	3,500	0	105	0	3,763
D0083487 Cogeneration										
Actual	0	12,941	0	0	0	0	0	0	0	12,941
Projected	0	20,055	0	0	0	0	400	0	0	20,455
Total	0	32,996	0	0	0	0	400	0	0	33,396

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TAMPA ELECTRIC COMPANY
Conservation Program Costs

Actual for Months January 2021 through June 2021
Projected for Months July 2021 through December 2021

Program Name	Capital Investment	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Incentives	Vehicle	Other	Program Revenues	Total
D0083318 Conservation Value										
Actual	0	94	0	0	0	0	(3)	0	0	91
Projected	0	958	0	0	0	0	50	0	0	1,008
Total	0	1,052	0	0	0	0	47	0	0	1,099
D0083543 Cool Roof										
Actual	0	249	0	0	0	91,480	0	(85)	0	91,644
Projected	0	0	0	0	0	0	0	0	0	0
Total	0	249	0	0	0	91,480	0	(85)	0	91,644
D0083540 Commercial Cooling										
Actual	0	198	0	0	0	2,090	0	105	0	2,393
Projected	0	316	0	0	0	400	25	0	0	741
Total	0	514	0	0	0	2,490	25	105	0	3,134
D0083533 Demand Response										
Actual	0	12,614	0	0	0	1,519,200	0	(114)	0	1,531,700
Projected	0	16,827	0	0	0	1,519,200	500	2,500	0	1,539,027
Total	0	29,441	0	0	0	3,038,400	500	2,386	0	3,070,727
D0091107 Facility Energy Management System										
Actual	0	0	0	0	0	0	0	0	0	0
Projected	0	6,952	0	0	0	50,000	50	0	0	57,002
Total	0	6,952	0	0	0	50,000	50	0	0	57,002
D0083506 Industrial Load Management (GLSM 2&3)										
Actual	0	15,743	0	0	0	9,672,953	0	113	0	9,688,809
Projected	0	24,091	0	0	0	8,550,000	900	0	0	8,574,991
Total	0	39,834	0	0	0	18,222,953	900	113	0	18,263,800
D0083547 LED Street and Outdoor Conversion Program										
Actual	0	0	0	0	0	0	0	5,405,004	(120,294)	5,284,710
Projected	0	0	0	0	0	0	0	2,352,378	(54,000)	2,298,378
Total	0	0	0	0	0	0	0	7,757,382	(174,294)	7,583,088
D0083528 Lighting Conditioned Space										
Actual	0	22,501	0	0	0	158,041	0	93	0	180,635
Projected	0	30,506	0	0	0	130,000	350	2,300	0	163,156
Total	0	53,007	0	0	0	288,041	350	2,393	0	343,791
D0083544 Lighting Non-Conditioned Space										
Actual	0	22,992	0	0	0	63,769	0	48	0	86,809
Projected	0	27,010	0	0	0	38,950	325	1,300	0	67,585
Total	0	50,002	0	0	0	102,719	325	1,348	0	154,394
D0083535 Lighting Occupancy Sensors										
Actual	0	4,880	0	0	0	960	0	0	0	5,840
Projected	0	6,079	0	0	0	7,200	25	0	0	13,304
Total	0	10,959	0	0	0	8,160	25	0	0	19,144
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	0	0	0	0	0
Projected	0	10,294	0	0	0	58,800	150	300	0	69,544
Total	0	10,294	0	0	0	58,800	150	300	0	69,544
D0083529 Standby Generator										
Actual	0	16,604	0	71,251	0	1,768,788	0	12,010	0	1,868,653
Projected	0	29,439	0	75,000	0	1,810,000	500	12,400	0	1,927,339
Total	0	46,043	0	146,251	0	3,578,788	500	24,410	0	3,795,992
D0091109 Variable Frequency Drive Control for Compressors										
Actual	0	0	0	0	0	2,500	0	0	0	2,500
Projected	0	5,780	0	0	0	7,500	50	0	0	13,330
Total	0	5,780	0	0	0	10,000	50	0	0	15,830
D0083537 Commercial Water Heating										
Actual	0	0	0	0	0	0	(3)	0	0	(3)
Projected	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	(3)	0	0	(3)
D0083539 Conservation Research and Development										
Actual	0	0	0	(13,664)	0	0	0	0	0	(13,664)
Projected	0	2,311	0	0	0	0	0	0	0	2,311
Total	0	2,311	0	(13,664)	0	0	0	0	0	(11,353)
D0083531 Renewable Energy Program (Sun to Go)										
Actual	0	6,097	0	77,353	0	0	0	0	(66,115)	17,335
Projected	0	8,934	0	72,000	0	0	0	75	(126,198)	(45,189)
Total	0	15,031	0	149,353	0	0	0	75	(192,313)	(27,854)
D0083328 Common Expenses										
Actual	0	172,591	945	40,632	0	0	8	67,302	0	281,478
Projected	0	229,363	200	34,060	0	0	0	44,990	0	308,613
Total	0	401,954	1,145	74,692	0	0	8	112,292	0	590,091
D0090066 Integrated Renewable Energy System (Pilot)										
Actual	168,100	0	0	13,754	0	0	0	0	0	181,854
Projected	583,049	6,883	0	0	0	0	100	0	0	590,032
Total	751,149	6,883	0	13,754	0	0	100	0	0	771,886
Total All Programs	1,438,032	4,025,855	265,963	1,689,747	874,531	30,017,081	145,651	7,985,586	(366,607)	46,075,839
Less Renewable Energy	0	15,031	0	149,353	0	0	0	75	(192,313)	(27,854)
Total Conservation Expense	1,438,032	4,010,824	265,963	1,540,394	874,531	30,017,081	145,651	7,985,511	(174,294)	46,103,693

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2021 through June 2021
Projected for Months July 2021 through December 2021

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		0	326	0	0	4,606	4,606	0	121,601	190,737	190,737	190,737	190,737	894,087
2. Retirements		84,005	109,085	127,551	61,833	46,833	87,818	26,316	93,121	38,688	49,204	59,032	400	783,886
3. Depreciation Base		3,087,287	2,978,527	2,850,976	2,789,143	2,746,916	2,663,705	2,637,389	2,665,869	2,817,918	2,959,451	3,091,156	3,281,493	
4. Depreciation Expense		<u>52,155</u>	<u>50,548</u>	<u>48,579</u>	<u>47,001</u>	<u>46,134</u>	<u>45,089</u>	<u>44,176</u>	<u>44,194</u>	<u>45,698</u>	<u>48,145</u>	<u>50,422</u>	<u>53,105</u>	<u>575,246</u>
5. Cumulative Investment	3,171,293	3,087,287	2,978,527	2,850,976	2,789,143	2,746,916	2,663,705	2,637,389	2,665,869	2,817,918	2,959,451	3,091,156	3,281,493	3,281,493
6. Less: Accumulated Depreciation	1,769,120	<u>1,737,269</u>	<u>1,678,732</u>	<u>1,599,760</u>	<u>1,584,928</u>	<u>1,584,229</u>	<u>1,541,500</u>	<u>1,559,360</u>	<u>1,510,433</u>	<u>1,517,443</u>	<u>1,516,384</u>	<u>1,507,774</u>	<u>1,560,479</u>	<u>1,560,479</u>
7. Net Investment	<u>1,402,173</u>	<u>1,350,018</u>	<u>1,299,795</u>	<u>1,251,216</u>	<u>1,204,215</u>	<u>1,162,687</u>	<u>1,122,205</u>	<u>1,078,029</u>	<u>1,155,436</u>	<u>1,300,475</u>	<u>1,443,067</u>	<u>1,583,382</u>	<u>1,721,014</u>	<u>1,721,014</u>
8. Average Investment		1,376,095	1,324,907	1,275,506	1,227,716	1,183,451	1,142,446	1,100,117	1,116,733	1,227,956	1,371,771	1,513,225	1,652,198	
9. Return on Average Investment - Equity Component		7,111	6,846	6,591	6,344	6,115	5,903	5,685	5,771	6,345	7,089	7,819	8,538	80,157
10. Return on Average Investment - Debt Component		<u>1.882</u>	<u>1.812</u>	<u>1.745</u>	<u>1.679</u>	<u>1.619</u>	<u>1.563</u>	<u>1.505</u>	<u>1.528</u>	<u>1.680</u>	<u>1.876</u>	<u>2.070</u>	<u>2.260</u>	<u>21.219</u>
Total Depreciation and Return		<u>61,148</u>	<u>59,206</u>	<u>56,915</u>	<u>55,024</u>	<u>53,868</u>	<u>52,555</u>	<u>51,366</u>	<u>51,493</u>	<u>53,723</u>	<u>57,110</u>	<u>60,311</u>	<u>63,903</u>	<u>676,622</u>

NOTES:

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

Line 9 x 6.2009% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).

Line 10 x 1.6414% x 1/12 (Jan-Dec).

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2021 through June 2021
Projected for Months July 2021 through December 2021

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 6.2009% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).

Line 10 x 1.6414% x 1/12 (Jan-Dec).

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2021 through June 2021
Projected for Months July 2021 through December 2021

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	0	0	0
3. Depreciation Base		43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	
4. Depreciation Expense		<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>729</u>	<u>8,748</u>
5. Cumulative Investment	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732	43,732
6. Less: Accumulated Depreciation	20,086	<u>20,815</u>	<u>21,544</u>	<u>22,273</u>	<u>23,002</u>	<u>23,731</u>	<u>24,460</u>	<u>25,189</u>	<u>25,918</u>	<u>26,647</u>	<u>27,376</u>	<u>28,105</u>	<u>28,834</u>	<u>28,834</u>
7. Net Investment	<u>23,646</u>	<u>22,917</u>	<u>22,188</u>	<u>21,459</u>	<u>20,730</u>	<u>20,001</u>	<u>19,272</u>	<u>18,543</u>	<u>17,814</u>	<u>17,085</u>	<u>16,356</u>	<u>15,627</u>	<u>14,898</u>	<u>14,898</u>
8. Average Investment		23,282	22,553	21,824	21,095	20,366	19,637	18,908	18,179	17,450	16,721	15,992	15,263	
9. Return on Average Investment - Equity Component		120	117	113	109	105	101	98	94	90	86	83	79	1,195
10. Return on Average Investment - Debt Component		<u>32</u>	<u>31</u>	<u>30</u>	<u>29</u>	<u>28</u>	<u>27</u>	<u>26</u>	<u>25</u>	<u>24</u>	<u>23</u>	<u>22</u>	<u>21</u>	<u>318</u>
Total Depreciation and Return		<u>881</u>	<u>877</u>	<u>872</u>	<u>867</u>	<u>862</u>	<u>857</u>	<u>853</u>	<u>848</u>	<u>843</u>	<u>838</u>	<u>834</u>	<u>829</u>	<u>10,261</u>

NOTES:

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

Line 9 x 6.2009% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).

Line 10 x 1.6414% x 1/12 (Jan-Dec).

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2021 through June 2021
Projected for Months July 2021 through December 2021

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 6.2009% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).

Line 10 x 1.6414% x 1/12 (Jan-Dec).

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2021 through June 2021
Projected for Months July 2021 through December 2021

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		9,705	551,740	1,078,233	1,008,126	112,634	61,264	0	121,601	190,737	190,737	190,737	190,737	3,706,251
2. In-Service		0	0	0	0	3,852,835	118,650	0	121,601	190,737	190,737	190,737	190,737	
3. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
4. Depreciation Base		0	0	0	0	3,852,835	3,971,485	3,971,485	4,093,086	4,283,823	4,474,560	4,665,297	4,856,034	
5. Depreciation Expense		<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>64,214</u>	<u>66,191</u>	<u>66,191</u>	<u>68,218</u>	<u>71,397</u>	<u>74,576</u>	<u>77,755</u>	<u>488,542</u>
6. Cumulative Investment	0	0	0	0	0	3,852,835	3,971,485	3,971,485	4,093,086	4,283,823	4,474,560	4,665,297	4,856,034	4,856,034
7. Less: Accumulated Depreciation	0	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>64,214</u>	<u>130,405</u>	<u>196,596</u>	<u>264,814</u>	<u>336,211</u>	<u>410,787</u>	<u>488,542</u>	<u>488,542</u>
8. CWIP	1,149,783	1,159,488	1,711,228	2,789,461	3,797,587	57,386	0	0	0	0	0	0	0	0
9. Net Investment	<u>1,149,783</u>	<u>1,159,488</u>	<u>1,711,228</u>	<u>2,789,461</u>	<u>3,797,587</u>	<u>3,910,221</u>	<u>3,907,271</u>	<u>3,841,080</u>	<u>3,896,490</u>	<u>4,019,009</u>	<u>4,138,349</u>	<u>4,254,510</u>	<u>4,367,492</u>	<u>4,367,492</u>
10. Average Investment		1,154,636	1,435,358	2,250,345	3,293,524	3,853,904	3,908,746	3,874,176	3,868,785	3,957,750	4,078,679	4,196,430	4,311,001	
11. Return on Average Investment - Equity Component		5,966	7,417	11,628	17,019	19,915	20,198	20,019	19,992	20,451	21,076	21,685	22,277	207,643
12. Return on Average Investment - Debt Component		<u>1,579</u>	<u>1,963</u>	<u>3,078</u>	<u>4,505</u>	<u>5,271</u>	<u>5,347</u>	<u>5,299</u>	<u>5,292</u>	<u>5,414</u>	<u>5,579</u>	<u>5,740</u>	<u>5,897</u>	<u>54,964</u>
13. Total Depreciation and Return		<u>7,545</u>	<u>9,380</u>	<u>14,706</u>	<u>21,524</u>	<u>25,186</u>	<u>89,759</u>	<u>91,509</u>	<u>91,475</u>	<u>94,083</u>	<u>98,052</u>	<u>102,001</u>	<u>105,929</u>	<u>751,149</u>

NOTES:

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

Line 9 x 6.2009% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).

Line 10 x 1.6414% x 1/12 (Jan-Dec).

TAMPA ELECTRIC COMPANY
Schedule of Capital Investment, Depreciation and Return
Actual for Months January 2021 through June 2021
Projected for Months July 2021 through December 2021

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	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		0	0	0	0	0	0	0	0	0	0	0	0	0
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>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 6.2009% x 1/12 (Jan-Dec). Based on ROE of 10.25% and weighted income tax rate of 24.522% (expansion factor of 1.32830).

Line 10 x 1.6414% x 1/12 (Jan-Dec).

C-3

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up

Actual for Months January 2021 through June 2021
Projected for Months July 2021 through December 2021

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	97,044	117,975	204,562	109,747	175,608	148,237	174,806	271,886	173,056	173,205	168,443	226,312	2,040,880
D0083432 Residential Customer Assisted Audit	114	200	86	171	171	200	398,583	583	583	683	583	583	402,538
D0083434, D0083317 Residential Computer Assisted Audit	0	0	0	0	0	0	0	0	300	0	842	0	1,142
D0083526 Residential Ceiling Insulation	11,854	11,282	9,842	15,544	18,360	14,762	12,131	12,131	12,131	13,381	12,131	12,131	155,681
D0083530 Residential Duct Repair	1,081	1,281	10,298	1,288	5,704	4,098	4,680	4,680	8,715	9,965	8,715	8,715	69,218
D0083488 Energy and Renewable Education, Awareness and Agency Outre	13,381	38,898	49,477	10,668	10,325	49,380	14,421	14,516	14,911	14,906	15,002	14,997	260,882
D0083546 Energy Star Multi-Family	0	42	20	0	148	0	0	0	0	0	0	0	210
D0083541 Energy Star for New Homes	52,637	160,338	39,608	72,341	69,925	251,250	77,658	77,658	77,639	78,539	77,639	78,439	1,113,672
D0091086 Energy Star Pool Pumps	10,500	9,450	13,650	13,650	16,100	25,900	17,814	17,814	17,814	18,714	17,814	12,482	191,702
D0091087 Energy Star Thermostats	3,550	3,700	4,050	3,400	4,000	4,750	6,956	6,956	6,956	7,856	6,956	6,956	66,087
D0083332 Residential Heating and Cooling	35,408	31,097	43,323	41,901	39,219	46,644	52,871	52,871	49,289	42,172	35,298	27,951	498,044
D0083538 Neighborhood Weatherization	43,805	90,606	15,371	19,900	45,144	45,227	419,015	419,015	575,720	576,720	576,720	576,720	3,403,963
D0083542 Energy Planner	143,368	155,242	247,114	168,665	146,768	147,645	164,812	168,439	350,169	252,957	215,658	238,250	2,399,088
D0091106 Residential Prime Time Plus	0	0	237	0	0	0	2,842	2,842	8,530	8,530	8,530	8,530	40,042
D0083486 Residential Window Replacement	57,912	24,703	22,401	19,930	16,725	15,913	18,301	18,301	18,301	18,301	18,301	18,301	267,390
D0083335 Prime Time	550	5,311	632	3,721	820	1,169	1,413	1,413	1,413	5,613	1,413	5,613	29,080
D0083447 Commercial/Industrial Audit (Free)	11,965	18,620	19,339	16,710	18,800	22,865	26,592	27,592	21,261	39,329	39,427	37,427	299,928
D0083446 Comprehensive Commercial/Industrial Audit (Paid)	(420)	0	0	0	0	0	0	0	0	0	1,066	0	646
D0083534 Commercial Chiller	0	105	0	0	0	0	0	0	0	3,658	0	0	3,763
D0083487 Cogeneration	1,723	2,310	2,249	2,188	2,276	2,195	3,343	3,343	3,443	3,443	3,443	3,443	33,396
D0083318 Conservation Value	(3)	0	0	0	0	94	0	0	220	220	284	284	1,099
D0083543 Cool Roof	13,418	7,427	0	0	0	70,799	0	0	0	0	0	0	91,644
D0083540 Commercial Cooling	1,867	173	0	0	322	31	0	0	383	0	0	358	3,134
D0083533 Demand Response	254,916	255,312	255,316	255,530	255,413	255,213	256,005	256,005	256,155	256,105	257,605	257,155	3,070,727
D0091107 Facility Energy Management System	0	0	0	0	0	0	1,327	1,327	1,327	26,510	0	26,510	57,002
D0083506 Industrial Load Management (GLSM 2&3)	1,741,068	1,432,272	1,414,851	1,781,534	1,331,955	1,987,129	1,429,309	1,429,309	1,429,509	1,428,912	1,428,862	1,429,090	18,263,800
D0083547 LED Street and Outdoor Conversion Program	2,065,746	227,625	1,187,110	162,082	1,243,072	399,075	383,063	383,063	383,063	383,063	383,063	383,063	7,583,088
D0083528 Lighting Conditioned Space	5,603	26,320	30,111	15,982	18,576	84,043	26,113	24,963	35,791	25,038	26,063	25,188	343,791
D0083544 Lighting Non-Conditioned Space	20,816	8,658	12,921	18,743	6,786	18,885	9,135	14,463	12,372	9,560	9,560	12,497	154,394
D0083535 Lighting Occupancy Sensors	722	809	1,760	769	809	971	884	3,542	2,238	2,213	2,213	2,213	19,144
D0083527 CILM (GLSM 1)	0	0	0	933	933	933	933	933	933	933	0	0	6,531
D0091108 Commercial Smart Thermostats	0	0	0	0	0	0	14,766	0	0	34,648	0	20,131	69,544
D0083529 Standby Generator	310,900	312,247	311,214	311,803	311,523	310,966	320,306	320,306	321,356	321,456	322,456	321,456	3,795,992
D0091109 Variable Frequency Drive Control for Compressors	0	0	0	0	2,500	0	884	884	3,592	3,542	3,542	884	15,830
D0083537 Commercial Water Heating	(3)	0	0	0	0	0	0	0	0	0	0	0	(3)
D0083539 Conservation Research and Development	(13,754)	0	0	90	0	0	207	207	207	563	563	563	(11,353)
D0083531 Renewable Energy Program (Sun to Go)	(9,945)	(9,024)	31,372	(8,940)	(14,046)	27,918	(19,544)	(19,519)	10,481	15,456	(19,519)	(12,544)	(27,854)
D0083328 Common Expenses	45,145	50,105	67,377	41,658	37,680	39,513	49,451	54,012	52,392	52,729	49,192	50,835	590,091
D0090066 Integrated Renewable Energy System (Pilot)	21,299	9,380	14,706	21,524	25,194	89,751	92,656	92,622	95,230	99,249	103,148	107,126	771,886
Total	4,942,267	2,992,464	4,008,997	3,101,532	3,790,810	4,065,556	3,961,733	3,662,158	3,945,480	3,928,169	3,775,013	3,901,660	46,075,839
Less: Included in Base Rates	0	0	0	0	0	0	0	0	0	0	0	0	0
Recoverable Conservation Expenses	4,942,267	2,992,464	4,008,997	3,101,532	3,790,810	4,065,556	3,961,733	3,662,158	3,945,480	3,928,169	3,775,013	3,901,660	46,075,839
Less Renewable Energy	(9,945)	(9,024)	31,372	(8,940)	(14,046)	27,918	(19,544)	(19,519)	10,481	15,456	(19,519)	(12,544)	(27,854)
Total Conservation Expenses	4,952,212	3,001,488	3,977,625	3,110,472	3,804,856	4,037,638	3,981,277	3,681,677	3,934,999	3,912,713	3,794,532	3,914,204	46,103,693

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of True-up

Actual for Months January 2021 through June 2021
Projected for Months July 2021 through December 2021

B. CONSERVATION REVENUES	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1. Conservation Audit Fees (A)	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Conservation Adjustment Revenues * (C-4, page 1 of 1)	<u>2,284,915</u>	<u>2,124,277</u>	<u>2,075,592</u>	<u>2,204,992</u>	<u>2,477,600</u>	<u>2,814,032</u>	<u>2,864,775</u>	<u>2,849,816</u>	<u>2,959,625</u>	<u>2,707,960</u>	<u>2,289,739</u>	<u>2,186,347</u>	<u>29,839,670</u>
3. Total Revenues	2,284,915	2,124,277	2,075,592	2,204,992	2,477,600	2,814,032	2,864,775	2,849,816	2,959,625	2,707,960	2,289,739	2,186,347	29,839,670
4. Prior Period True-up	<u>1,441,008</u>	<u>1,441,008</u>	<u>1,441,008</u>	<u>1,441,008</u>	<u>1,441,008</u>	<u>1,441,008</u>	<u>1,441,008</u>	<u>1,441,008</u>	<u>1,441,008</u>	<u>1,441,008</u>	<u>1,441,008</u>	<u>1,441,012</u>	<u>17,292,100</u>
5. Conservation Revenue Applicable to Period	3,725,923	3,565,285	3,516,600	3,646,000	3,918,608	4,255,040	4,305,783	4,290,824	4,400,633	4,148,968	3,730,747	3,627,359	47,131,770
6. Conservation Expenses (C-3, Page 4, Line 14)	<u>4,952,212</u>	<u>3,001,488</u>	<u>3,977,625</u>	<u>3,110,472</u>	<u>3,804,856</u>	<u>4,037,638</u>	<u>3,981,277</u>	<u>3,681,677</u>	<u>3,934,999</u>	<u>3,912,713</u>	<u>3,794,532</u>	<u>3,914,204</u>	<u>46,103,693</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)	(1,226,289)	563,797	(461,025)	535,528	113,752	217,402	324,506	609,147	465,634	236,255	(63,785)	(286,845)	1,028,077
9. Interest Provision This Period (C-3, Page 6, Line 10)	1,762	1,602	1,313	1,201	695	631	2,176	3,354	3,066	2,718	2,286	1,769	22,574
10. True-up & Interest Provision Beginning of Period	20,908,081	18,242,546	17,366,937	15,466,217	14,561,938	13,235,377	12,012,402	10,898,076	10,069,569	9,097,261	7,895,226	6,392,719	20,908,081
11. Prior Period True-up Collected/(Refunded)	<u>(1,441,008)</u>	<u>(1,441,008)</u>	<u>(1,441,008)</u>	<u>(1,441,008)</u>	<u>(1,441,008)</u>	<u>(1,441,008)</u>	<u>(1,441,008)</u>	<u>(1,441,008)</u>	<u>(1,441,008)</u>	<u>(1,441,008)</u>	<u>(1,441,008)</u>	<u>(1,441,012)</u>	<u>(17,292,100)</u>
12. End of Period Total - Over/(Under) Recovered	<u>18,242,546</u>	<u>17,366,937</u>	<u>15,466,217</u>	<u>14,561,938</u>	<u>13,235,377</u>	<u>12,012,402</u>	<u>10,898,076</u>	<u>10,069,569</u>	<u>9,097,261</u>	<u>7,895,226</u>	<u>6,392,719</u>	<u>4,666,631</u>	<u>4,666,631</u>

Previous EOP Change
* Net of Revenue Taxes

(A) Included in Line 6

Summary of Allocation	Forecast	Ratio	True Up
Demand	27,259,974	0.58	2,706,646
Energy	<u>19,529,837</u>	<u>0.42</u>	<u>1,959,985</u>
Total	<u>46,789,811</u>	<u>1.00</u>	<u>4,666,631</u>

TAMPA ELECTRIC COMPANY
Energy Conservation Adjustment
Calculation of Interest Provision

Actual for Months January 2021 through June 2021
Projected for Months July 2021 through December 2021

C. INTEREST PROVISION	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	Grand Total
1. Beginning True-up Amount (C-3, Page 5, Line 9)	\$20,908,081	\$18,242,546	\$17,366,937	\$15,466,217	\$14,561,938	\$13,235,377	\$12,012,402	\$10,898,076	\$10,069,569	\$9,097,261	\$7,895,226	\$6,392,719	
2. Ending True-up Amount Before Interest (C-3, Page 5, Lines 7 + 9 + 10)	<u>18,240,784</u>	<u>17,365,335</u>	<u>15,464,904</u>	<u>14,560,737</u>	<u>13,234,682</u>	<u>12,011,771</u>	<u>10,895,900</u>	<u>10,066,215</u>	<u>9,094,195</u>	<u>7,892,508</u>	<u>6,390,433</u>	<u>4,664,862</u>	
3. Total Beginning & Ending True-up	<u>\$39,148,865</u>	<u>\$35,607,881</u>	<u>\$32,831,841</u>	<u>\$30,026,954</u>	<u>\$27,796,620</u>	<u>\$25,247,148</u>	<u>\$22,908,302</u>	<u>\$20,964,291</u>	<u>\$19,163,764</u>	<u>\$16,989,769</u>	<u>\$14,285,659</u>	<u>\$11,057,581</u>	
4. Average True-up Amount (50% of Line 3)	<u>\$19,574,433</u>	<u>\$17,803,941</u>	<u>\$16,415,921</u>	<u>\$15,013,477</u>	<u>\$13,898,310</u>	<u>\$12,623,574</u>	<u>\$11,454,151</u>	<u>\$10,482,146</u>	<u>\$9,581,882</u>	<u>\$8,494,885</u>	<u>\$7,142,830</u>	<u>\$5,528,791</u>	
5. Interest Rate - First Day of Month	<u>0.10000</u>	0.12000	0.09000	0.11000	0.07000	0.04000	0.08000	0.38000	0.38000	0.38000	0.38000	0.38000	
6. Interest Rate - First Day of Next Month	<u>0.12000</u>	<u>0.09000</u>	<u>0.11000</u>	<u>0.07000</u>	<u>0.04000</u>	<u>0.08000</u>	<u>0.38000</u>	<u>0.38000</u>	<u>0.38000</u>	<u>0.38000</u>	<u>0.38000</u>	<u>0.38000</u>	
7. Total (Line 5 + Line 6)	<u>0.22000</u>	<u>0.21000</u>	<u>0.20000</u>	<u>0.18000</u>	<u>0.11000</u>	<u>0.12000</u>	<u>0.46000</u>	<u>0.76000</u>	<u>0.76000</u>	<u>0.76000</u>	<u>0.76000</u>	<u>0.76000</u>	
8. Average Interest Rate (50% of Line 7)	<u>0.11000</u>	<u>0.10500</u>	<u>0.10000</u>	<u>0.09000</u>	<u>0.05500</u>	<u>0.06000</u>	<u>0.23000</u>	<u>0.38000</u>	<u>0.38000</u>	<u>0.38000</u>	<u>0.38000</u>	<u>0.38000</u>	
9. Monthly Average Interest Rate (Line 8/12)	<u>0.00009</u>	<u>0.00009</u>	<u>0.00008</u>	<u>0.00008</u>	<u>0.00005</u>	<u>0.00005</u>	<u>0.00019</u>	<u>0.00032</u>	<u>0.00032</u>	<u>0.00032</u>	<u>0.00032</u>	<u>0.00032</u>	
10. Interest Provision (Line 4 x Line 9)	<u>\$1.762</u>	<u>\$1.602</u>	<u>\$1.313</u>	<u>\$1.201</u>	<u>\$695</u>	<u>\$631</u>	<u>\$2.176</u>	<u>\$3.354</u>	<u>\$3.066</u>	<u>\$2.718</u>	<u>\$2.286</u>	<u>\$1.769</u>	<u>\$22.574</u>

C-4

TAMPA ELECTRIC COMPANY
Energy Conservation
Calculation of Conservation Revenues

Actual for Months January 2021 through June 2021
Projected for Months July 2021 through December 2021

(1)	(2)	(3)	(4)
Months	Firm MWh Sales	Interruptible MWh Sales	Clause Revenue Net of Revenue Taxes
January	1,538,558	-	2,284,915
February	1,376,994	-	2,124,277
March	1,370,567	-	2,075,592
April	1,490,208	-	2,204,992
May	1,639,372	-	2,477,600
June	1,886,573	-	2,814,032
July	1,912,192	-	2,864,775
August	1,901,547	-	2,849,816
September	1,985,172	-	2,959,625
October	1,795,509	-	2,707,960
November	1,498,840	-	2,289,739
December	1,410,582	-	2,186,347
Total	19,806,113	0	29,839,670

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, 2021 to December 31, 2021

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

Residential Walk-Through:	3,700
Residential Customer Assisted:	60,000
Residential Computer Assisted:	1
BERS:	0

January 1, 2022 to December 31, 2022

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

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

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$2,444,560.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$2,099,625.

**Program Progress
Summary:**

Through December 31, 2020 the following Residential Energy Audit totals are:

Residential Walk-Through:	335,922
Residential Customer Assisted ⁽¹⁾ :	267,897
Residential Computer Assisted:	3,911
<u>BERS:</u>	<u>80</u>
Total:	607,810

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, 2021 to December 31, 2021

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

January 1, 2022 to December 31, 2022

During this period, there are 465 customers projected to participate.

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$155,681.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$175,920.

**Program Progress
Summary:**

Through December 31, 2020 the following Residential Ceiling Insulation totals are:

Residential Ceiling Insulation: 124,222

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, 2021 to December 31, 2021

During this period, there are 385 customers projected to participate.

January 1, 2022 to December 31, 2022

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

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$69,218.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$91,435.

**Program Progress
Summary:**

Through December 31, 2020 the following Residential Duct Repair totals are:
Residential Duct Repair: 103,724

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, 2021 to December 31, 2021.

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

January 1, 2022 to December 31, 2022

During this period, there are 1,260 customers projected to participate.

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$260,882.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$183,562.

**Program Progress
Summary:**

Through 2020, Tampa Electric has partnered with 139 local schools to present Energy Education to 41,309 students and Electric Vehicle Education to 1,039 students from 3 local high schools. In addition, the company gave 195 presentations to civic organizations that generated 1,423 customer assisted audits and distributed 8,332 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, 2021 to December 31, 2021

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

January 1, 2022 to December 31, 2022

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

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$210.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$105,383.

**Program Progress
Summary:**

Through December 31, 2020 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, 2021 to December 31, 2021

During this period, there are 1,160 customers projected to participate.

January 1, 2022 to December 31, 2022

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

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$1,113,672.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$1,116,520.

**Program Progress
Summary:**

On November 3, 2015 ENERGY STAR for New Homes replaced the prior Residential New Construction Program. Through December 31, 2020 the following ENERGY STAR for New Homes totals are:

ENERGY STAR for New Homes: 15,341

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, 2021 to December 31, 2021

During this period, there are 510 customers projected to participate.

January 1, 2022 to December 31, 2022

During this period, there are 530 customers projected to participate.

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$191,702.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$204,171.

**Program Progress
Summary:**

Through December 31, 2020 the following ENERGY STAR Pool Pumps totals are:

ENERGY STAR Pool Pumps: 10

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, 2021 to December 31, 2021

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

January 1, 2022 to December 31, 2022

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

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$66,087.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$80,891.

**Program Progress
Summary:**

Through December 31, 2020 the following ENERGY STAR Thermostats totals are:

ENERGY STAR Thermostats: 42

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, 2021 to December 31, 2021

During this period, there are 3,230 units projected to be installed and approved.

January 1, 2022 to December 31, 2022

During this period, there are 3,500 units projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$498,044.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$548,669.

**Program Progress
Summary:**

Through December 31, 2020 the following Residential Heating and Cooling totals are:

Residential Heating and Cooling: 211,982

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, 2021 to December 31, 2021

During this period, there are 6,050 customers projected to participate.

January 1, 2022 to December 31, 2022

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

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$3,403,963.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$4,906,210.

**Program Progress
Summary:**

Through December 31, 2020 the following Neighborhood Weatherization totals are:

Neighborhood Weatherization: 51,821

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, 2021 to December 31, 2021

During this period, there are 900 projected customers for this program on a cumulative basis.

January 1, 2022 to December 31, 2022

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

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$2,399,088.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$3,853,506.

**Program Progress
Summary:**

Through December 31, 2020 the following Energy Planner totals are:
Energy Planner Participating Customers: 5,921

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, 2021 to December 31, 2021

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

January 1, 2022 to December 31, 2022

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

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$40,042.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$229,360.

**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, 2021 to December 31, 2021

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

January 1, 2022 to December 31, 2022

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

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$267,390.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$234,972.

**Program Progress
Summary:**

Through December 31, 2020 the following Residential Window Replacement totals are:

Residential Window Replacement: 18,348

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, 2021 to December 31, 2021

This program is retired.

January 1, 2022 to December 31, 2022

This program is retired.

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$29,080.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$36,895.

**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, 2021 to December 31, 2021

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

Commercial/Industrial (Free):	400
Comprehensive Commercial/Industrial (Paid):	1

January 1, 2022 to December 31, 2022

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

Commercial/Industrial (Free):	825
Comprehensive Commercial/Industrial (Paid):	4

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$300,573.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$334,096.

**Program Progress
Summary:**

Through December 31, 2020 the following Commercial Energy Audit totals are:

Commercial/Industrial (Free):	27,310
Comprehensive Commercial/Industrial (Paid):	239
<u>Commercial Mail-in</u>	<u>1,477</u>
Commercial/Industrial Total	29,026

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, 2021 to December 31, 2021

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

January 1, 2022 to December 31, 2022

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

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$3,763.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$18,340.

**Program Progress
Summary:**

Through December 31, 2020 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, 2021 to December 31, 2021

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, 2022 to December 31, 2022

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, 2021 to December 31, 2021

Expenditures are estimated to be \$33,396.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$41,958.

**Program Progress
Summary:**

At the end of 2020, 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, 2021 to December 31, 2021

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

January 1, 2022 to December 31, 2022

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

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$1,099.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$52,432.

**Program Progress
Summary:**

Through December 31, 2020 the following Conservation Value totals are:
Conservation Value: 51

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMERCIAL COOL ROOF

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

Program Projections: January 1, 2021 to December 31, 2021

This program was retired on November 2, 2020.

January 1, 2022 to December 31, 2022

This program was retired on November 2, 2020.

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$91,644 (to pay eligible incentives on projects that were pre-approved prior to program retirement).

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$0.

**Program Progress
Summary:**

Through December 31, 2020 the following Commercial Cool Roof totals are:
Commercial Cool Roof: 290

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, 2021 to December 31, 2021

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

January 1, 2022 to December 31, 2022

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

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$3,134.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$5,495.

**Program Progress
Summary:**

Through December 31, 2020 the following Commercial Cooling totals are:
Commercial Cooling: 2,352

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, 2021 to December 31, 2021

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

January 1, 2022 to December 31, 2022

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

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$3,070,727.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$3,076,260.

**Program Progress
Summary:**

Through December 31, 2020, 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, 2021 to December 31, 2021

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

January 1, 2022 to December 31, 2022

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

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$57,002.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$114,477.

**Program Progress
Summary:**

Through December 31, 2020 the following Facility Energy Management System totals are:

Facility Energy Management System: 0

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, 2021 to December 31, 2021

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

January 1, 2022 to December 31, 2022

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

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$18,263,800.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$17,149,379.

**Program Progress
Summary:**

Through December 31, 2020, there are 35 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, 2021 to December 31, 2021

During this period, there are 24,000 luminaires projected to be converted.

January 1, 2022 to December 31, 2022

During this period, there are 36,000 luminaires projected to be converted.

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Undepreciated net book value expenditures are estimated to be \$7,757,382
Salvage value associated with converted luminaires are estimated to be \$174,294
Net expenditures are estimated to be \$7,583,088

January 1, 2022 to December 31, 2022

Undepreciated net book value expenditures are estimated to be \$5,418,360
Salvage value associated with converted luminaires are estimated to be \$125,000
Net expenditures are estimated to be \$5,293,360

**Program Progress
Summary:**

Through December 31, 2020 the following street and outdoor metal halide and high-pressure sodium luminaires have been converted to light emitting diode luminaires:

Converted luminaires: 89,771

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, 2021 to December 31, 2021

During this period, there are 150 customers projected to participate.

January 1, 2022 to December 31, 2022

During this period, there are 155 customers projected to participate.

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$343,791.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$455,404.

**Program Progress
Summary:**

Through December 31, 2020 the following Lighting Conditioned Space totals are:
Lighting Conditioned Space: 2,972

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, 2021 to December 31, 2021

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

January 1, 2022 to December 31, 2022

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

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$154,394.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$148,436.

**Program Progress
Summary:**

Through December 31, 2020 the following Lighting Non-Conditioned Space totals are:

Lighting Non-Conditioned Space: 1,022

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, 2021 to December 31, 2021

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

January 1, 2022 to December 31, 2022

During this period, there are 12 units projected to be installed and approved.

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$19,144.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$30,458.

**Program Progress
Summary:**

Through December 31, 2020 the following Lighting Occupancy Sensors totals are:
Lighting Occupancy Sensors: 230

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, 2021 to December 31, 2021

During this period, there are zero new installations projected.

January 1, 2022 to December 31, 2022

During this period, there are zero new installations projected.

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$6,531.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$6,531.

**Program Progress
Summary:**

Through December 31, 2020 the following Commercial Load Management totals are:

Commercial Load Management Participating Customers: 5

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, 2021 to December 31, 2021

During this period, there are 50 customers projected to participate.

January 1, 2022 to December 31, 2022

During this period, there are 30 customers projected to participate.

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$69,544.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$44,103.

**Program Progress
Summary:**

Through December 31, 2020 the following Commercial Smart Thermostat totals are:

Commercial Smart Thermostats: 0

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, 2021 to December 31, 2021

During this period, there are five new installations projected.

January 1, 2022 to December 31, 2022

During this period, there are five new installations projected.

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$3,795,992.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$3,933,387.

**Program Progress
Summary:**

Through December 31, 2020 the following Standby Generator totals are:
Standby Generator Participating Customers: 110

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, 2021 to December 31, 2021

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

January 1, 2022 to December 31, 2022

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

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$15,830.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$50,723.

**Program Progress
Summary:**

Through December 31, 2020 the following Variable Frequency Drive Control for Compressors totals are:

Variable Frequency Drive Control for Compressors: 0

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, 2021 to December 31, 2021

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

January 1, 2022 to December 31, 2022

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

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$(3).

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$2,171.

**Program Progress
Summary:**

Through December 31, 2020 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, 2021 to December 31, 2021

Expenditures are estimated to be \$(11,353).

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$2,486.

Program Progress

Summary:

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

1. Home energy management system.
2. Battery storage for peak shifting.
3. 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, 2021 to December 31, 2021

During this period, there are 1,225 projected customers with 2,200 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, 2022 to December 31, 2022

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 200 blocks estimated to be purchased on a one-time basis.

Program Fiscal Expenditures:

January 1, 2021 to December 31, 2021

During this period, the company anticipates revenues of approximately \$192,313 to be used for new renewable generation. At the end of this period, the company projects the deferred balance (credits) to be \$550,332.

January 1, 2022 to December 31, 2022

During this period, the company anticipates revenues of approximately \$122,000 to be used for new renewable generation. At the end of this period, the company projects the deferred balance (credits) to be \$443,600.

Program Progress Summary:

Through December 31, 2020, there were 1,232 customers with 2,106 blocks subscribed. In addition, there were zero blocks of renewable energy purchased on a one-time basis. On a cumulative basis, there have been 553,345 monthly subscription blocks and 3,053 one-time blocks of renewable energy purchased.

PROGRAM DESCRIPTION AND PROGRESS

Program Title: COMMON EXPENSES

Program Description: These are expenses common to all programs.

Program Projections: N/A

**Program Fiscal
Expenditures:**

January 1, 2021 to December 31, 2021

Expenditures are estimated to be \$590,091.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$692,220.

**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, 2021 to December 31, 2021

Expenditures are estimated to be \$771,886.

January 1, 2022 to December 31, 2022

Expenditures are estimated to be \$1,312,134.

**Program Progress
Summary:**

At the time of this filing (August 2021), the Integrated Renewable Energy System is installed and undergoing system commissioning.