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December 13, 2024

VIA: ELECTRONIC FILING

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

Re: Approval of Demand Side Management Plan for Tampa Electric Company

Dear Mr. Teitzman:

Attached for filing on behalf of Tampa Electric Company is a Petition for Approval of Demand Side Management Plan together with the company's following documents:

1. Petition
2. Exhibit A – DSM Plan
3. Exhibit B – DSM Standards

Thank you for your assistance in connection with this matter.

Sincerely,

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

Malcolm N. Means

MNM/bml
Attachment

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

Petition for Approval of Demand Side Management)
Plan and Demand Side Program Standards)
_____)

DOCKET NO.: 2024____-EI

FILED: December 13, 2024

**TAMPA ELECTRIC COMPANY’S PETITION
FOR APPROVAL OF DEMAND SIDE MANAGEMENT PLAN AND
DEMAND SIDE MANAGEMENT PROGRAM STANDARDS**

Tampa Electric Company (“Tampa Electric” or “the company”), pursuant to Rule 25-17.0021(4), Florida Administrative Code (“F.A.C.”), submits this Petition for Approval of Demand Side Management Plan and Demand Side Management Program Standards, and in support thereof, states:

Introduction

1. The Petitioner’s name and address are:

Tampa Electric Company
702 North Franklin Street
Tampa, Florida 33602

2. Tampa Electric is a Florida corporation and is a wholly owned subsidiary of TECO Energy Inc., which is a wholly owned subsidiary of Emera Incorporated. The company is an investor-owned public utility operating under the jurisdiction of the Florida Public Service Commission (“Commission”) pursuant to Chapter 366, Florida Statutes.

3. Tampa Electric provides retail service to over 844,000 customers in a 2,000 square mile service territory in Hillsborough and portions of Polk, Pasco, and Pinellas counties, Florida. Tampa Electric and its approximately 2,500 employees are committed to being a trusted energy partner for customers now and in the future.

4. This Petition represents an original pleading and is not in response to any proposed action by the Commission. Accordingly, the company is not responding to any proposed agency action.

5. All pleadings, motions, notices, orders, or other documents filed in this proceeding or required to be served upon Tampa Electric shall be served upon the following individuals:

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6. Tampa Electric is subject to the Florida Energy Efficiency and Conservation Act (“FEECA”), Sections 366.80-83 and 403.519, Florida Statutes. FEECA requires the Commission to establish numeric conservation goals for each utility to increase the efficiency of energy consumption, increase the development of demand-side renewable energy systems, reduce and control the growth rates of electric consumption and weather-sensitive peak demand, and increase the conservation of expense resources, such as petroleum fuels. Pursuant to Section 366.82(6), Florida Statutes, the Commission must review a utility’s conservation goals no less than every five years.

7. FEECA is implemented in part by Rule 25-17.0021, Florida Administrative Code. Subsection (3) of that Rule requires utilities to submit proposed demand-side management goals for Commission review. Tampa Electric submitted its proposed goals to the Commission on April

2, 2024.¹ On September 20, 2024, the Commission entered an Order approving Tampa Electric’s proposed numeric conservation goals for the years 2025-2034, as modified by stipulations between Tampa Electric and certain intervening parties in that docket.²

8. Rule 25-17.0021(4), Florida Administrative Code, requires each utility to file its proposed Demand Side Management (“DSM”) Plan within 90 days of a final order establishing or modifying goals “that includes the programs to meet the approved goals, along with program administrative standards that include a statement of the policies and procedures detailing the operation and administration of each program.”

9. Tampa Electric’s proposed DSM Plan is attached hereto as Exhibit A to this Petition. This DSM Plan contains the same Programs that were used to develop the company’s Commission-approved numeric conservation goals. The company did modify the Energy Planner program as presented in the goal-setting proceeding, however, to incorporate the Commission’s decision not to approve the company’s proposed modifications to its time-of-use periods in Tampa Electric’s current base rate case. *See* Vote Sheet, DN 100921-2024, filed December 3, 2024 in Docket No. 20240026. The company’s DSM Plan also conforms to the requirements set out in Rule 25-17.0021(4)(a)-(j), Florida Administrative Code.

10. Tampa Electric’s proposed DSM Program Standards are attached hereto as Exhibit B to this Petition. These Standards “include a statement of the policies and procedures detailing the operation and administration of each program” as required by Rule 25-17.0021(4), Florida Administrative Code.

¹ DN 01560-2024, filed April 2, 2024 in Docket No. 20240014-EG.

² *See* Order No. PSC-2024-0430-FOF-EG, issued September 20, 2024 in Docket No. 20240014-EG (approving Type 2 stipulations supported by Tampa Electric, the League of United Latin American Citizens, Florida Rising, the Southern Alliance for Clean Energy, and Walmart).

11. Tampa Electric is not aware of any disputed issues of material fact regarding the matters asserted herein.

12. Tampa Electric is entitled to relief pursuant to Sections 366.81 and 366.82, Florida Statutes and Rule 25-17.0021, Florida Administrative Code.

WHEREFORE, Tampa Electric requests that the Commission enter an Order approving the company's proposed 2025-2034 DSM Plan for achieving the numeric conservation goals set by the Commission and the proposed Program Standards for operation and administration of the company's proposed DSM Programs.

DATED this 13th day of December, 2024.

Respectfully submitted,



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CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Petition, filed on behalf of Tampa Electric Company, has been served by electronic mail on this 13th day of December 2024 to the following:

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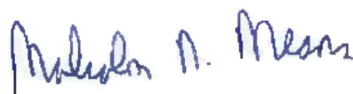
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ATTORNEY



Tampa Electric Company

Ten-Year DSM Plan

2025-2034

December 13, 2024

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**Tampa Electric's Approved
2025–2034 Demand Side Management Plan**

Executive Summary

Tampa Electric's 2025-2034 Approved Demand Side Management Plan ("DSM Plan" or "Plan") provides a balanced, achievable, and comprehensive approach to meet the Proposed Demand Side Management ("DSM") goals developed for the Commission in Docket No. 20240014-EG. The plan is based upon the Rate Impact Measure Test ("RIM") and the Participant Cost Test ("PCT") thus ensuring that the plan provides benefits to all rate classes regardless of participation and recognizes that all individual programs contribute energy and demand savings.

Basing the DSM Plan on the RIM test ensures that all of Tampa Electric's customers will receive the intended benefits of conservation programs. The Plan includes the following notes on data and assumptions, discontinued programs, modifications to existing programs, pilot programs, energy education/awareness and low-income customer initiatives.

Additionally, this proposed 2025-2034 Plan complements prior DSM Plans by continuing to provide customers with cost-effective programs for a total offering of 14 residential and 15 commercial / industrial DSM programs. Highlights of the Plan are detailed below:

Executive Summary Table of Contents:

- **2025-2034 Approved Goals**
- **Data, Assumptions and Cost-Effectiveness**
- **Discontinued Programs**
- **Modifications to Existing Programs**
- **Low-Income Program Initiatives**
- **Program Standards**
- **Research and Development (R&D)**
- **Advertising**
- **2025-2034 Approved Programs**
- **Cost and Impact of Proposed DSM Programs**

2025-2034 Approved Goals

The tables below provide the Approved DSM Goals to the Commission:

2025-2034 Approved Residential DSM Goals (At the Generator)						
Year	Summer Demand (MW)		Winter Demand (MW)		Annual Energy (GWH)	
	Incremental	Cumulative	Incremental	Cumulative	Incremental	Cumulative
2025	7.9	7.9	14.0	14.0	24.8	24.8
2026	7.9	15.8	14.0	28.0	24.8	49.6
2027	8.8	24.6	14.6	42.6	25.4	75.0
2028	8.6	33.2	14.5	57.1	24.8	99.8
2029	8.6	41.8	14.5	71.6	24.8	124.6
2030	9.6	51.4	15.2	86.8	25.8	150.4
2031	9.5	60.9	15.1	101.9	25.3	175.7
2032	9.5	70.4	15.1	117.0	25.3	201.0
2033	9.6	80.0	15.2	132.2	25.8	226.8
2034	9.5	89.5	15.1	147.3	25.3	252.1

2025-2034 Approved Commercial/Industrial DSM Goals (At the Generator)						
Year	Summer Demand (MW)		Winter Demand (MW)		Annual Energy (GWH)	
	Incremental	Cumulative	Incremental	Cumulative	Incremental	Cumulative
2025	6.4	6.4	5.4	5.4	22.2	22.2
2026	6.3	12.7	5.4	10.8	22.2	44.4
2027	6.9	19.6	5.9	16.7	22.3	66.7
2028	6.4	26.0	5.4	22.1	22.3	89.0
2029	6.4	32.4	5.4	27.5	22.3	111.3
2030	5.9	38.3	5.1	32.6	18.6	129.9
2031	5.4	43.7	4.6	37.2	18.6	148.5
2032	5.4	49.1	4.6	41.8	18.6	167.1
2033	6.0	55.1	5.1	46.9	18.6	185.7
2034	5.4	60.5	4.6	51.5	18.6	204.3

2025-2034 Approved Combined Goals (At the Generator)						
	Summer Demand		Winter Demand		Annual Energy	
	(MW)		(MW)		(GWH)	
Year	Incremental	Cumulative	Incremental	Cumulative	Incremental	Cumulative
2025	14.3	14.3	19.4	19.4	47.0	47.0
2026	14.2	28.5	19.4	38.8	47.0	94.0
2027	15.7	44.2	20.5	59.3	47.7	141.7
2028	15.0	59.2	19.9	79.2	47.1	188.8
2029	15.0	74.2	19.9	99.1	47.1	235.9
2030	15.5	89.7	20.3	119.4	44.4	280.3
2031	14.9	104.6	19.7	139.1	43.9	324.2
2032	14.9	119.5	19.7	158.8	43.9	368.1
2033	15.6	135.1	20.3	179.1	44.4	412.5
2034	14.9	150.0	19.7	198.8	43.9	456.4

Data, Assumptions and Cost-Effectiveness

Data used for the cost-effectiveness inputs for energy kWh savings and summer and winter demand kW saving came from three potential sources:

1. Resource Innovations data: The 2024 Resource Innovations Technical Potential Study was completed to support the development of the company’s proposed DSM goals for the recent numeric conservation goals docket. When this information contains the specific measures that are contained in the proposed DSM program, this data is considered an accurate source of information and may be used for cost-effectiveness tests.
2. Historical data: Tampa Electric has cost-effectively offered DSM programs for almost 45 years. The company captures data regarding the programs offered and when a substantial amount of history has been gained, this information is used in cost-effectiveness tests.
3. Load Research data: Tampa Electric used its internal Load Research Department to analyze specific measures or programs where similar customers can be clearly separated into two control groups. These control groups are those that have participated in the specific measure or program and those that have not participated in any DSM program during the monitoring period. The difference in the two control groups’ usage data provided inputs for cost-effectiveness tests.

In the individual program descriptions throughout this plan, the source of the energy savings (kWh) and summer and winter demand savings (kW) will be stated. With the exception of those measures that use different energy and demand savings due to the design of the individual DSM program, all data and assumptions used for the Plan’s cost-effectiveness tests are the same as those used to develop the proposed numeric conservation goals.

Discontinued Programs

Tampa Electric is discontinuing the following programs from the company's DSM portfolio:

Residential:

- **Energy Star Pool Pumps**
- **Residential Window Replacement.**

Commercial:

- **Commercial Chiller**
- **Commercial Cooling**
- **Facility Energy Management System**
- **Street and Outdoor Lighting Conversion Program**
- **Integrated Renewable Energy System (Pilot)**

Modifications to Existing Programs

Tampa Electric made modifications to its existing residential, commercial and industrial DSM programs that will be offered with the company's 2025–2034 DSM Plan. Below is a summary of the modifications made in each of the remaining programs.

Residential Program Modifications

- **Residential Walk-Through Energy Audit (Free Energy Check):** No modifications needed.
- **Residential Customer Assisted Energy Audit (Online):** No modifications needed.
- **Residential Computer Assisted Energy Audit (RCS-Paid Audit):** No modifications needed.
- **Residential Ceiling Insulation:** The rebate was increased from \$0.15 to \$0.16 per square foot of installed insulation and rebate may be stacked in increments of R-11.
- **Residential Duct Repair:** The rebate was increased from \$125 to \$270 per air distribution system ("ADS") repaired.
- **Energy and Renewable Education, Awareness and Agency Outreach:** No modifications needed.
- **ENERGY STAR for New Multi-Family Residences:** The rebate was increased from \$300 to \$345 per new multi-family residence receiving the Energy Star Certificate.

- **ENERGY STAR for New Homes:** The rebate was decreased from \$1,000 to \$425 per new residence receiving the Energy Star Certificate.
- **ENERGY STAR Thermostats:** The rebate was decreased from \$50 to \$22 per qualifying ENERGY STAR thermostat installed.
- **Residential Heating and Cooling:** Split existing program into two (2) tiers.
 - Tier 1: The rebate is decreased from \$135 to \$40 per qualifying unit that meets or exceeds the current DOE energy conservation standard for residential central air conditioners and heat pumps or Florida Building Code by 1 SEER level or by 1 SEER2 level.
 - Tier 2: increase the rebate from \$135 to \$550 per qualifying unit that meets or exceeds the current DOE energy conservation standard for residential central air conditioners and heat pumps or Florida Building Code by 2 SEER levels or by 2 SEER2 levels.
- **Neighborhood Weatherization:** Now includes repairs of up to one (1) duct run within in the program to enable some customers with damaged ducts to participate in the program.
- **Residential Price Responsive Load Management (“Energy Planner”):** Added electric vehicle charging appliances (Level 2 or greater) to the list of appliances that are eligible for the program. There are no changes to the time of use periods.
- **Residential Prime Time Plus:** The program has added electrical vehicle charging appliances (Level 2 or greater) to the list of eligible appliances. The credit for electric vehicles charging appliances is set at \$9 per month. The credit for heating and cooling equipment was increased from \$6 to \$12 per month. The credit for water heaters increased from \$3 to \$6 per month.
- **Renewable Energy Program (Sun to Go):** No modifications were needed.

Commercial Program Modifications

- **Commercial/Industrial Audit (Free):** No modifications were needed.
- **Comprehensive Commercial/Industrial Audit (Paid):** No modifications were needed.
- **Cogeneration:** No modifications were needed.
- **Conservation Value:** Retitled program to industry standard title of “Commercial/Industrial Customer Energy Efficiency”. The rebate is changed from the previous \$92 per kW of demand reduced above baseline equipment to require the cost-effectiveness to be calculated using the same inputs that establish the program at DSM goal setting to

establish the rebate at the level of a two-year simple payback, or a RIM score of 1.01, whichever is more restrictive.

- **Demand Response:** No modifications were needed.
- **Industrial Load Management (GSLM-2&3):** No modifications were needed.
- **Lighting Conditioned Space:** The rebate was increased from \$250 to \$400 per Kw of demand reduced.
- **Lighting Non-Conditioned Space:** The rebate was increased from \$200 to \$350 per kW of demand reduced.
- **Lighting Occupancy Sensors:** The rebate was modified from a per occupancy sensor installed to \$26 per kW of controlled lighting. This will eliminate confusion with customers as many new Light Emitting Diode Luminaires come with their own integrated occupancy sensor.
- **Commercial Load Management (GSLM-1):** The rebated increased from \$3.00 to \$5.00 per kW of demand reduction for cyclic control. The rebate increased from \$3.50 to \$5.50 per kW of demand reduced for extended control. The company is transitioning to using the same technology that supports Energy Planner and Prime Time Plus for this program. Once the technology transition occurs, Tampa Electric will be able to market this program to new participants.
- **Variable Frequency Drive Control for Compressors:** This program is being retitled to “VFD and Motor Controls”. The program offering is expanded to include eligibility of all variable frequency control and motor controls. This will include variable speed drives controlling large chillers, commercial cooling units, variable air volume systems, demand circulating systems, escalator motors, and energy efficiency exhaust hoods. The rebate increased from \$50 to \$75 per Horsepower controlled.
- **Standby Generator:** No modifications were needed.
- **Commercial Water Heating:** The program was retitled “Commercial Heat Pump Water Heater and Drain Water Heat Recovery”. The rebate increased from \$0.0100 to \$10 per Btu, up to 50% of the cost of the equipment. Qualifying equipment includes ENERGY STAR certified Heat Pump Water Heaters or a Heat Pump water heater with a COP greater than or equal to 3.0. Drain water heat recovery must recover heat from an electrically heated source.
- **Conservation Research and Development (“R&D”):** No modifications were needed.
- **Renewable Energy Program (Sun to Go):** No modifications were needed.

Pilot Programs

Tampa Electric has no pilot programs proposed at this time.

Low-Income Program Initiatives

Tampa Electric's Low-Income Programs have always been a leader in Florida. Tampa Electric recognizes there may be times where customers may not have the financial resources to install energy efficient technologies. To maximize the help provided to these customers, the company believes in providing a multi-program approach. This approach involves offering neighborhood weatherization, energy and renewable education awareness, agency outreach and free energy audit programs where needed.

Tampa Electric's Neighborhood Weatherization program will continue to offer the comprehensive energy efficiency kit and increased energy education, with the addition of the walk-through energy audit, to assist low-income residential customers in becoming more energy efficient. The comprehensive energy efficiency kit includes 15 energy savings measures, in addition to ceiling insulation and/or duct sealing depending on the needs of the home:

- Six light emitting diode ("LED") lamps
- HVAC filter whistle
- Installation of up to two low flow faucet aerators
- Installation of up to two low flow shower heads
- Installation of a wall plate thermometer
- A water heating temperature check card for adjustment of the water heater
- Installation of hot water pipe insulation, if necessary
- Installation of weather stripping, if necessary
- Installation of caulking to seal windows, if necessary
- Refrigerator coil cleaning brush
- Installation of ceiling insulation, if needed
- Repair of duct seal, if needed
- Repair of up to one damaged duct run, as needed
- Walk-Through Energy Audit
- Energy savings education handout

Tampa Electric's Energy and Renewable Education, Awareness and Agency Outreach program will continue to offer a subset of the comprehensive energy efficiency kit to assist low income customers in becoming more energy efficient. Tampa Electric commits to continue partnering with neighborhood service centers to ensure customers who need this assistance in reducing their energy usage and associated cost will receive the appropriate energy education and guidance. The smaller subset kit includes six energy savings measures:

- Four LED lamps
- HVAC filter whistle
- Two low flow faucet aerators
- Wall plate thermometer
- Water heating temperature check card for adjustment of the water heater
- Energy savings education handout

The company will continue to partner with local high schools to provide detailed electric vehicle energy education to young drivers on how to maximize the efficiency of driving and charging such vehicles and how to select the most efficient performing electric vehicles.

Conservation Research and Development (“R&D”)

Rule 25-17.001(5)(f), Florida Administrative Code (“F.A.C.”) requires aggressive R&D projects to be “...an ongoing part of the practice of every well managed utility’s programs.” Tampa Electric has conducted R&D projects on conservation and demand response technologies in the past which have led to the successful launch of DSM programs. Therefore, the company will continue its R&D efforts over the next five years at an estimated cost of \$400,000 in any given year but will not exceed \$2,000,000 over the five-year period.

Tampa Electric is exploring the following opportunities of performing R&D on the following potential projects:

- Grid connected residential and/or small commercial generation used for backup in addition to demand response.
- Residential and/or commercial shared battery for load shifting, peak shaving or demand response.
- Photovoltaic smart inverter capabilities.
- Electric vehicle charging for demand response or load shifting.
- Incorporation of distributed energy resources into an existing company demand response or load management programs.

Advertising

Tampa Electric utilizes a variety of methods that includes; print, television, radio, social media, online, bill on-serts, direct mail, collegiate and professional sports, and digital web messaging to conduct advertising to promote the company’s Commission approved DSM programs. Advertising is focused heavily on promoting the Energy Audit, Energy Planner and Low-Income programs. Promoting these programs, also creates awareness of the many other residential and commercial/industrial energy-saving programs offered to customers. The company included the cost of advertising in these programs in the program description and in the program’s individual cost-effectiveness evaluation where applicable.

Program Standards

Tampa Electric will file program standards subsequently with the company’s DSM Plan.

2025–2034 Approved Programs

Residential

1. Residential Walk-Through Energy Audit (Free Energy Check)
2. Residential Customer Assisted Energy Audit (Online)
3. Residential Computer Assisted Energy Audits (RCS-Paid Audit)
4. Residential Ceiling Insulation
5. Residential Duct Repair

6. Energy and Renewable Education, Awareness and Agency Outreach
7. ENERGY STAR for New Multi-Family Residences
8. ENERGY STAR for New Homes
9. ENERGY STAR Thermostats
10. Residential Heating and Cooling
11. Neighborhood Weatherization
12. Residential Price Responsive Load Management (Energy Planner)
13. Residential Prime Time Plus
14. Renewable Energy Program (Sun to Go)

Commercial

1. Commercial/Industrial Audit (Free)
2. Comprehensive Commercial/Industrial Audit (Paid)
3. Cogeneration
4. Commercial / Industrial Custom Energy Efficiency
5. Demand Response
6. Industrial Load Management (GSLM 2&3)
7. Lighting Conditioned Space
8. Lighting Non-Conditioned Space
9. Lighting Occupancy Sensors
10. Commercial Load Management (GSLM 1)
11. Standby Generator
12. Variable Frequency Drive (“VFD”) and Motor Controls
13. Commercial Heat Pump Water Heater and Drain Heat Recovery
14. Conservation Research and Development (R&D)
15. Renewable Energy Program (Sun to Go)

Cost and Impact of Proposed DSM Programs

Tampa Electric’s 2025-2034 DSM Programs are designed to meet the new DSM Goals established by the Florida Public Service Commission for the 2025-2034 period and will decrease costs to customers. The costs incurred to offer these DSM Programs to achieve these goals will be collected through the Energy Conservation Cost Recovery (“ECCR”) Clause. Tampa Electric’s current 2025 residential ECCR cost at 1,200 kWh per month is \$3.01 (\$3.61 per 1,000 kWh). With the approval of this DSM Plan to support the new established goals and other spending requirements, the residential ECCR cost at 1,200 kWh per month is projected to increase to \$3.62 for 2026, and then increase to \$4.04 by 2034. The table that follows provides the detail of the projected costs over the ten-year period.

DSM Cost Estimates						
Tampa Electric Company						
DSM Plan Reductions (GWh) (1)			DSM Plan Cost (2)	Residential ECCR Impacts @ 1,200 kWh (3)	Non-Fuel Revenue Impact (4) (1b x \$/MWh)	DSM Plan Costs and Non-Fuel Revenue Impacts (2 + 4)
Year	Annual (1a)	Cumulative (1b)				
2025	47.1	47.1	\$52,680,407	\$3.61	\$4,237,431	\$56,917,837
2026	47.1	94.3	\$52,770,274	\$3.62	\$8,485,571	\$61,255,844
2027	47.8	142.1	\$53,385,991	\$3.66	\$12,798,847	\$66,184,838
2028	47.2	189.3	\$53,731,781	\$3.68	\$17,064,445	\$70,796,226
2029	47.2	236.5	\$54,252,342	\$3.72	\$21,329,271	\$75,581,613
2030	44.5	281.0	\$55,388,147	\$3.80	\$25,349,222	\$80,737,369
2031	43.9	324.9	\$56,025,631	\$3.84	\$29,312,623	\$85,338,254
2032	43.9	368.9	\$56,971,498	\$3.91	\$33,268,997	\$90,240,495
2033	44.5	413.4	\$58,077,136	\$3.98	\$37,270,966	\$95,348,102
2034	43.9	457.4	\$58,985,926	\$4.04	\$41,206,285	\$100,192,211
Total Measure Impacts	457.4		\$552,269,134		\$230,323,657	\$782,592,790

Residential Market Sector Demand and Energy Data												
(At the Generator)												
Year	Projected Summer Demand Savings (MW)		Commission Approved Summer MW Goal (Inc.)	Commission Approved Summer MW Goal (Cum.)	Projected Winter Demand Savings (MW)		Commission Approved Winter MW Goal (Inc.)	Commission Approved Winter MW Goal (Cum.)	Projected Annual Energy Savings (GWh)		Commission Approved Annual MW Goal (Inc.)	Commission Approved Annual MW Goal (Cum.)
	Incr.	Cum.			Incr.	Cum.			Incr.	Cum.		
2025	7.9	7.9	7.9	7.9	14.0	14.0	14.0	14.0	24.9	24.9	24.8	24.8
2026	7.9	15.9	7.9	15.8	14.0	28.0	14.0	28.0	24.9	49.8	24.8	49.6
2027	8.8	24.7	8.8	24.6	14.6	42.6	14.6	42.6	25.4	75.3	25.4	75.0
2028	8.7	33.4	8.6	33.2	14.5	57.1	14.5	57.1	24.9	100.2	24.8	99.8
2029	8.7	42.0	8.6	41.8	14.5	71.6	14.5	71.6	24.9	125.1	24.8	124.6
2030	9.7	51.7	9.6	51.4	15.2	86.8	15.2	86.8	25.9	151.0	25.8	150.4
2031	9.5	61.2	9.5	60.9	15.1	101.9	15.1	101.9	25.4	176.3	25.3	175.7
2032	9.5	70.7	9.5	70.4	15.1	117.0	15.1	117.0	25.4	201.7	25.3	201.0
2033	9.7	80.3	9.6	80.0	15.2	132.1	15.2	132.2	25.9	227.6	25.8	226.8
2034	9.5	89.8	9.5	89.5	15.1	147.2	15.1	147.3	25.4	253.0	25.3	252.1

Commercial/Industrial Market Sector Demand and Energy Data												
(At the Generator)												
Year	Projected Summer Demand Savings (MW)		Commission Approved Summer MW Goal (Inc.)	Commission Approved Summer MW Goal (Cum.)	Projected Winter Demand Savings (MW)		Commission Approved Summer MW Goal (Inc.)	Commission Approved Summer MW Goal (Cum.)	Projected Annual Energy Savings (GWh)		Commission Approved Summer MW Goal (Inc.)	Commission Approved Summer MW Goal (Cum.)
	Incr.	Cum.			Incr.	Cum.			Incr.	Cum.		
2025	6.4	6.4	6.4	6.4	5.5	5.5	5.4	5.4	22.2	22.2	22.2	22.2
2026	6.3	12.7	6.3	12.7	5.5	11.1	5.4	10.8	22.2	44.5	22.2	44.4
2027	6.9	19.6	6.9	19.6	6.0	17.1	5.9	16.7	22.3	66.8	22.3	66.7
2028	6.4	26.0	6.4	26.0	5.5	22.6	5.4	22.1	22.3	89.1	22.3	89.0
2029	6.4	32.4	6.4	32.4	5.5	28.2	5.4	27.5	22.3	111.4	22.3	111.3
2030	5.9	38.3	5.9	38.3	5.2	33.4	5.1	32.6	18.6	130.0	18.6	129.9
2031	5.4	43.7	5.4	43.7	4.7	38.1	4.6	37.2	18.6	148.6	18.6	148.5
2032	5.4	49.1	5.4	49.1	4.7	42.8	4.6	41.8	18.6	167.2	18.6	167.1
2033	6.0	55.1	6.0	55.1	5.2	48.0	5.1	46.9	18.6	185.8	18.6	185.7
2034	5.4	60.5	5.4	60.5	4.7	52.8	4.6	51.5	18.6	204.4	18.6	204.3

Combined Residential & Commercial/Industrial Market Sector Demand and Energy Data												
(At the Generator)												
Year	Projected Summer Demand Savings (MW)		Commission Approved Summer MW Goal (Inc.)	Commission Approved Summer MW Goal (Cum.)	Projected Winter Demand Savings (MW)		Commission Approved Summer MW Goal (Inc.)	Commission Approved Summer MW Goal (Cum.)	Projected Annual Energy Savings (GWh)		Commission Approved Summer MW Goal (Inc.)	Commission Approved Summer MW Goal (Cum.)
	Incr.	Cum.			Incr.	Cum.			Incr.	Cum.		
2025	14.3	14.3	14.3	14.3	19.5	19.5	19.4	19.4	47.1	47.1	47.0	47.0
2026	14.3	28.6	14.2	28.5	19.5	39.0	19.4	38.8	47.1	94.3	47.0	94.0
2027	15.7	44.3	15.7	44.2	20.6	59.7	20.5	59.3	47.8	142.1	47.7	141.7
2028	15.0	59.4	15.0	59.2	20.0	79.7	19.9	79.2	47.2	189.3	47.1	188.8
2029	15.0	74.4	15.0	74.2	20.0	99.8	19.9	99.1	47.2	236.5	47.1	235.9
2030	15.6	90.0	15.5	89.7	20.4	120.1	20.3	119.4	44.5	281.0	44.4	280.3
2031	14.9	104.9	14.9	104.6	19.8	140.0	19.7	139.1	43.9	324.9	43.9	324.2
2032	14.9	119.8	14.9	119.5	19.8	159.8	19.7	158.8	43.9	368.9	43.9	368.1
2033	15.6	135.4	15.6	135.1	20.4	180.2	20.3	179.1	44.5	413.4	44.4	412.5
2034	14.9	150.3	14.9	150.0	19.8	200.0	19.7	198.8	43.9	457.4	43.9	456.4

Program: Residential Walk-Through Audit (Free Energy Check)

Program Start Date: May 1981

Program Description

This is a conservation program adopted by Florida under Chapter 366.82(5), Florida Statutes, and Rule 25-17.003 F.A.C. This program is offered to all residential customers and is designed to save demand and energy by increasing customer awareness of energy use in personal residences. Savings are dependent on the customer implementing energy saving recommendations.

The audit is conducted by a trained and certified residential energy analyst who will perform the following at a minimum:

1. Identify, note and recommend those conservation measures and practices that apply to the specific residence.
2. Encourage customer participation in available conservation programs in which the specific residence and customer will benefit.
3. Identify and communicate to the customer identified no-cost, low-cost conservation measures and practices including those that have less than a two-year payback.

Audits are kept on file with the company for three years. There is no charge to the customer for the Residential Walk-Through Audit.

Program Participation Standards

Tampa Electric will file program standards subsequently with the company's DSM Plan.

Program Savings

The kWh billing histories of customers who received these audits were examined in comparison to those of matched customers without audits. Customers included in the analysis did not participate in any other DSM programs. Consumption before and after the audit was compared for both sets of customers to estimate the impact associated with the audit. Based on this load research data, the analysis yielded the following expected savings per customer participant:

Summer demand:	0.047 kW
Winter demand:	0.061 kW
Annual energy:	305 kWh

Note: As approved on August 11, 2015 in Docket No. 20150081-EG, Order No. PSC-2015-0323-PAA-EG, the company will not count the energy or demand savings from this program toward contributions toward meeting Tampa Electric's Commission approved annual energy and demand saving's goals.

Program Costs

Based on historical costs, the administrative cost per audit is estimated to be \$388. There are no rebates or incentives for this program.

Program Monitoring and Evaluation

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company's previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 19941173-EG.

PROGRAM NAME: RESIDENTIAL WALK-THROUGH AUDIT (FREE ENERGY CHECK)

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration Level %	Cumulative Number of Program Participants
2025	768,913	768,913	4,000	0.5%	4,000
2026	781,870	781,870	4,000	1.0%	8,000
2027	794,608	794,608	4,000	1.5%	12,000
2028	807,013	807,013	4,000	2.0%	16,000
2029	819,051	819,051	4,000	2.4%	20,000
2030	830,679	830,679	5,000	3.0%	25,000
2031	841,697	841,697	5,000	3.6%	30,000
2032	852,292	852,292	5,000	4.1%	35,000
2033	862,499	862,499	5,000	4.6%	40,000
2034	872,381	872,381	5,000	5.2%	45,000

PROGRAM NAME: RESIDENTIAL WALK-THROUGH AUDIT (FREE ENERGY CHECK)

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	305	0.061	0.047	1.220	0.244	0.188
2026	305	0.061	0.047	2.440	0.488	0.376
2027	305	0.061	0.047	3.660	0.732	0.564
2028	305	0.061	0.047	4.880	0.976	0.752
2029	305	0.061	0.047	6.100	1.220	0.940
2030	305	0.061	0.047	7.625	1.525	1.175
2031	305	0.061	0.047	9.150	1.830	1.410
2032	305	0.061	0.047	10.675	2.135	1.645
2033	305	0.061	0.047	12.200	2.440	1.880
2034	305	0.061	0.047	13.725	2.745	2.115

PROGRAM NAME: RESIDENTIAL WALK-THROUGH AUDIT (FREE ENERGY CHECK)

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	322	0.065	0.050	1.288	0.262	0.202
2026	322	0.065	0.050	2.577	0.524	0.403
2027	322	0.065	0.050	3.865	0.785	0.605
2028	322	0.065	0.050	5.153	1.047	0.807
2029	322	0.065	0.050	6.442	1.309	1.009
2030	322	0.065	0.050	8.052	1.636	1.261
2031	322	0.065	0.050	9.662	1.964	1.513
2032	322	0.065	0.050	11.273	2.291	1.765
2033	322	0.065	0.050	12.883	2.618	2.017
2034	322	0.065	0.050	14.494	2.945	2.269

Program: Residential Customer Assisted Energy Audit (Online)

Program Start Date: June 2002

Program Description

This is a conservation program designed to save demand and energy by increasing residential customer awareness of energy use in personal residences. This program allows for residential customers to engage in the energy audit either through a phone call or completing an online energy questionnaire. Savings are dependent on the customer implementing energy conservation measure and practice recommendations. Recommendations are standardized and include an estimated range of savings.

To access this free audit, customers can either call or go to Tampa Electric's internet site to link to the audit. Customers will answer questions about their home and energy usage. Personalized audit results are either emailed, provided by the phone team or immediately displayed on the customer's computer for review and implementation. The audit recommendations are based on the customers' answers to the questions and their actual energy consumption.

Program Participation Standards

Tampa Electric will file program standards subsequently with the company's DSM Plan.

Program Savings

Energy and demand savings are estimated to be 25 percent less than the Residential Walk-Through Audit. Therefore, savings per participant are as follows:

Summer Demand:	0.035 kW
Winter Demand:	0.046 kW
Annual Energy:	229 kWh

Note: As approved on August 11, 2015 in Docket No. 20150081-EG, Order No. PSC-2015-0323-PAA-EG, the company will not count the energy or demand savings from this program toward contributions toward meeting Tampa Electric's Commission approved annual energy and demand saving's goals.

Program Costs

Based on historical costs, the administrative cost per audit is estimated to be \$4.50. There are no rebates or incentives for this program.

Program Monitoring and Evaluation

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company's previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 19941173-EG.

PROGRAM NAME: RESIDENTIAL CUSTOMER ASSISTED ENERGY AUDIT

Year	(a) Total Number of Customers	(b) Total Number of Eligible Customers	(c) Annual Number of Program Participants	(d) Cumulative Penetration Level %	(e) Cumulative Number of Program Participants
2025	768,913	768,913	75,000	9.8%	75,000
2026	781,870	706,870	75,000	21.2%	150,000
2027	794,608	719,608	75,000	31.3%	225,000
2028	807,013	732,013	75,000	41.0%	300,000
2029	819,051	744,051	75,000	50.4%	375,000
2030	830,679	755,679	75,000	59.5%	450,000
2031	841,697	766,697	75,000	68.5%	525,000
2032	852,292	777,292	75,000	77.2%	600,000
2033	862,499	787,499	75,000	85.7%	675,000
2034	872,381	797,381	75,000	94.1%	750,000

PROGRAM NAME: RESIDENTIAL CUSTOMER ASSISTED ENERGY AUDIT

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	229	0.046	0.035	17.156	3.431	2.644
2026	229	0.046	0.035	34.313	6.863	5.288
2027	229	0.046	0.035	51.469	10.294	7.931
2028	229	0.046	0.035	68.625	13.725	10.575
2029	229	0.046	0.035	85.781	17.156	13.219
2030	229	0.046	0.035	102.938	20.588	15.863
2031	229	0.046	0.035	120.094	24.019	18.506
2032	229	0.046	0.035	137.250	27.450	21.150
2033	229	0.046	0.035	154.406	30.881	23.794
2034	229	0.046	0.035	171.563	34.313	26.438

PROGRAM NAME: RESIDENTIAL CUSTOMER ASSISTED ENERGY AUDIT

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	242	0.049	0.038	18.117	3.682	2.837
2026	242	0.049	0.038	36.234	7.363	5.673
2027	242	0.049	0.038	54.351	11.045	8.510
2028	242	0.049	0.038	72.468	14.727	11.347
2029	242	0.049	0.038	90.585	18.409	14.184
2030	242	0.049	0.038	108.702	22.090	17.020
2031	242	0.049	0.038	126.819	25.772	19.857
2032	242	0.049	0.038	144.936	29.454	22.694
2033	242	0.049	0.038	163.053	33.136	25.531
2034	242	0.049	0.038	181.170	36.817	28.367

Program: Residential Computer Assisted Energy Audit (RCS-Paid Audit)

Program Start Date: January 1981

Program Description

This is a conservation program originally developed in response to the Energy Policy Act (1978) and adopted by Florida under Chapter 366.82(5), Florida Statutes, and Rule 25-17.003, F.A.C. The program is designed to save demand and energy and is offered to all residential customers. Savings are achieved by increasing residential customer awareness of the energy use in personal residences. Savings are dependent on customers implementing conservation measures and practices. The audit is performed by a trained and certified residential analyst who collects specific data about the structure of the home and the customer's energy usage patterns. Using Energy Gauge software, the analyst will simulate different conservation measures and practices on the customer's residence to identify potential savings that can be achieved.

Analysts identify, note and recommend only those conservation measures and practices that apply to the specific residence. The following information is then provided on the applicable conservation measures and practices:

1. Estimated cost for contractor installation
2. Estimated cost for do-it-yourself installation
3. Payback period for customer investment
4. Estimated first-year energy savings

Audit findings are kept on file with the utility for three years. The audit charge to the customer is \$15.00.

Program Participation Standards

Tampa Electric will file program standards subsequently with the company's DSM Plan.

Program Savings

Savings for the Residential Computer Assisted Audit are assumed to be the same as the Residential Walk-Through Audit. The savings per participant are as follows:

Summer Demand:	0.047 kW
Winter Demand:	0.061 kW
Annual Energy:	305 kWh

Note: As approved on August 11, 2015 in Docket No. 20150081-EG, Order No. PSC-2015-0323-PAA-EG, the company will not count the energy or demand savings from this program toward contributions toward meeting Tampa Electric's Commission approved annual energy and demand saving's goals.

Program Costs

There are no rebates or incentives for this program.

The estimated administrative cost per audit is \$425.

Program Monitoring and Evaluation

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company's previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 19941173-EG.

PROGRAM NAME: RESIDENTIAL COMPUTER ASSISTED ENERGY AUDIT (RCS)

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration Level %	Cumulative Number of Program Participants
2025	768,913	768,913	4	0.0%	4
2026	781,870	781,870	4	0.0%	8
2027	794,608	794,608	4	0.0%	12
2028	807,013	807,013	4	0.0%	16
2029	819,051	819,051	4	0.0%	20
2030	830,679	830,679	4	0.0%	24
2031	841,697	841,697	4	0.0%	28
2032	852,292	852,292	4	0.0%	32
2033	862,499	862,499	4	0.0%	36
2034	872,381	872,381	4	0.0%	40

PROGRAM NAME: RESIDENTIAL COMPUTER ASSISTED ENERGY AUDIT (RCS)

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	305	0.061	0.047	0.001	0.000	0.000
2026	305	0.061	0.047	0.002	0.000	0.000
2027	305	0.061	0.047	0.004	0.001	0.001
2028	305	0.061	0.047	0.005	0.001	0.001
2029	305	0.061	0.047	0.006	0.001	0.001
2030	305	0.061	0.047	0.007	0.001	0.001
2031	305	0.061	0.047	0.009	0.002	0.001
2032	305	0.061	0.047	0.010	0.002	0.002
2033	305	0.061	0.047	0.011	0.002	0.002
2034	305	0.061	0.047	0.012	0.002	0.002

PROGRAM NAME: RESIDENTIAL COMPUTER ASSISTED ENERGY AUDIT (RCS)

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	322	0.065	0.050	0.001	0.000	0.000
2026	322	0.065	0.050	0.003	0.001	0.000
2027	322	0.065	0.050	0.004	0.001	0.001
2028	322	0.065	0.050	0.005	0.001	0.001
2029	322	0.065	0.050	0.006	0.001	0.001
2030	322	0.065	0.050	0.008	0.002	0.001
2031	322	0.065	0.050	0.009	0.002	0.001
2032	322	0.065	0.050	0.010	0.002	0.002
2033	322	0.065	0.050	0.012	0.002	0.002
2034	322	0.065	0.050	0.013	0.003	0.002

Program: Residential Ceiling Insulation

Program Start Date: November 1982

Program Description

The Residential Ceiling Insulation Program is designed to encourage customers to make cost-effective improvements to existing residences. The goal is to offer customer rebates for installing ceiling insulation to help reduce their energy consumption while reducing Tampa Electric's weather sensitive peak demand. Ceiling insulation is designed to reduce demand and energy by decreasing the load on residential air conditioning and heating equipment. Qualifying residential structures are eligible for a rebate based upon the total square footage of insulation installed over conditioned space. Customers will receive a certificate that is used as partial payment for the ceiling insulation installed.

Participation Standards

Tampa Electric will file program standards subsequently with the company's DSM Plan.

Savings

Savings were determined using historical participation characteristics of residences and utilizing DOE2 building simulations for insulation changes. The analysis yielded the following expected savings per customer participant:

Summer Demand:	0.181 kW
Winter Demand:	0.105 kW
Annual Energy:	379 kWh

Program Costs

Rebate: \$0.16 per square foot of installed qualifying insulation. Total rebate is based on the total square footage of qualifying insulation installed over conditioned space and may be stacked in increments of R-11.

The estimated administrative cost per participant is \$35.

Program Monitoring and Evaluation

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company's previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 1941173-EG.

PROGRAM NAME: RESIDENTIAL CEILING INSULATION

Year	(a) Total Number of Customers	(b) Total Number of Eligible Customers	(c) Annual Number of Program Participants	(d) Cumulative Penetration Level %	(e) Cumulative Number of Program Participants
2025	768,913	488,265	450	0.1%	450
2026	781,870	487,815	450	0.2%	900
2027	794,608	487,365	450	0.3%	1,350
2028	807,013	486,915	450	0.4%	1,800
2029	819,051	486,465	450	0.5%	2,250
2030	830,679	486,015	450	0.6%	2,700
2031	841,697	485,565	450	0.6%	3,150
2032	852,292	485,115	450	0.7%	3,600
2033	862,499	484,665	450	0.8%	4,050
2034	872,381	484,215	450	0.9%	4,500

PROGRAM NAME: RESIDENTIAL CEILING INSULATION

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	379	0.105	0.181	0.171	0.047	0.081
2026	379	0.105	0.181	0.341	0.095	0.163
2027	379	0.105	0.181	0.512	0.142	0.244
2028	379	0.105	0.181	0.682	0.189	0.326
2029	379	0.105	0.181	0.853	0.236	0.407
2030	379	0.105	0.181	1.023	0.284	0.489
2031	379	0.105	0.181	1.194	0.331	0.570
2032	379	0.105	0.181	1.364	0.378	0.652
2033	379	0.105	0.181	1.535	0.425	0.733
2034	379	0.105	0.181	1.706	0.473	0.815

PROGRAM NAME: RESIDENTIAL CEILING INSULATION

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	400	0.113	0.194	0.180	0.051	0.087
2026	400	0.113	0.194	0.360	0.101	0.175
2027	400	0.113	0.194	0.540	0.152	0.262
2028	400	0.113	0.194	0.720	0.203	0.350
2029	400	0.113	0.194	0.901	0.253	0.437
2030	400	0.113	0.194	1.081	0.304	0.524
2031	400	0.113	0.194	1.261	0.355	0.612
2032	400	0.113	0.194	1.441	0.406	0.699
2033	400	0.113	0.194	1.621	0.456	0.787
2034	400	0.113	0.194	1.801	0.507	0.874

Program: Residential Duct Repair

Program Start Date: September 1992

Program Description

The Residential Duct Repair Program is a conservation rebate program designed to reduce demand and energy by decreasing the load on residential HVAC equipment helping the customer reduce their energy consumption and to reduce Tampa Electric's peak demand. This program eliminates or reduces areas of HVAC air distribution losses by sealing and repairing the ADS. The ADS is defined as the air handler, air ducts, return plenums, supply plenums and any connecting structure.

Customers call Tampa Electric to request appointments for duct repair and an HVAC contractor appointed by Tampa Electric will seal and repair all accessible components of the ADS in the residence. Tampa Electric's rebate is included in the payment to the participating contractor performing ADS repairs.

Program Participation Standards

Tampa Electric will file program standards subsequently with the company's DSM Plan.

Program Savings

Savings were determined using Resource Innovation's updated Technical Potential data for systems across all eligible residential structures and participants. The analysis yielded the following expected savings per customer participant:

Summer Demand:	0.408 kW
Winter Demand:	0.163 kW
Annual Energy:	906 kWh

Program Costs

Rebate: \$270 per HVAC system that has its ADS repaired.

The estimated administrative cost per participant is \$35.

Program Monitoring and Evaluation

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company's previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 19941173-EG.

PROGRAM NAME: RESIDENTIAL DUCT REPAIR

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration Level %	Cumulative Number of Program Participants
2025	768,913	473,244	450	0.1%	450
2026	781,870	472,794	450	0.2%	900
2027	794,608	472,344	450	0.3%	1,350
2028	807,013	471,894	450	0.4%	1,800
2029	819,051	471,444	450	0.5%	2,250
2030	830,679	470,994	450	0.6%	2,700
2031	841,697	470,544	450	0.7%	3,150
2032	852,292	470,094	450	0.8%	3,600
2033	862,499	469,644	450	0.9%	4,050
2034	872,381	469,194	450	1.0%	4,500

PROGRAM NAME: RESIDENTIAL DUCT REPAIR

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	906	0.163	0.408	0.408	0.073	0.184
2026	906	0.163	0.408	0.815	0.147	0.367
2027	906	0.163	0.408	1.223	0.220	0.551
2028	906	0.163	0.408	1.631	0.293	0.734
2029	906	0.163	0.408	2.039	0.367	0.918
2030	906	0.163	0.408	2.446	0.440	1.102
2031	906	0.163	0.408	2.854	0.513	1.285
2032	906	0.163	0.408	3.262	0.587	1.469
2033	906	0.163	0.408	3.669	0.660	1.652
2034	906	0.163	0.408	4.077	0.734	1.836

PROGRAM NAME: RESIDENTIAL DUCT REPAIR

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	957	0.175	0.438	0.431	0.079	0.197
2026	957	0.175	0.438	0.861	0.157	0.394
2027	957	0.175	0.438	1.292	0.236	0.591
2028	957	0.175	0.438	1.722	0.315	0.788
2029	957	0.175	0.438	2.153	0.394	0.985
2030	957	0.175	0.438	2.583	0.472	1.182
2031	957	0.175	0.438	3.014	0.551	1.379
2032	957	0.175	0.438	3.444	0.630	1.576
2033	957	0.175	0.438	3.875	0.708	1.773
2034	957	0.175	0.438	4.305	0.787	1.970

Program: Energy and Renewable Education, Awareness and Agency Outreach

Program Start Date: March 2010

Program Description

The Energy and Renewable Education, Awareness and Agency Outreach Program is comprised of three distinct initiatives:

- 1) Public energy and renewable education
- 2) Energy awareness
- 3) Agency outreach

Energy and Renewable Education and Awareness

This portion of the program is designed to establish opportunities for engaging groups of customers and students in energy-efficiency and renewable energy related discussions in an organized setting. Tampa Electric recognizes the importance of educating students and motivating customers through participation in its energy audits and raising awareness of energy conservation, energy efficiency and renewable energy efficiency. This program will provide the opportunity to accomplish these initiatives for large groups in one setting.

In order to create an awareness of this offering, the company will establish participation avenues through its Speakers' Bureau and Community Relations teams.

By working with local civic groups, churches, government sponsored public forums, homeowners associations, trade shows, rental property management groups, etc., Tampa Electric will establish informative presentations that help educate customers on no-cost practices they can implement to reduce their energy consumption, low-cost improvements to increase the efficiency of their homes, investment type improvements with energy efficiency or renewable energy resources and rebates/incentives available which may help with these longer term investments. This type of forum will allow for dialogue with customers in such a setting that many customers will simultaneously benefit from the discussion.

Additionally, this program will focus on opportunities to promote energy efficiency education through local school systems. Students will be educated on ways to become active participants in saving energy at home and at school through the use of a variety of learning tools that support Sunshine State Standards and are approved by school authorities.

Participants will be provided with an energy efficiency kit containing the following energy saving devices and supporting information appropriate for the audience.

- **LEDs**
This provides four LEDs to replace incandescent bulbs with similar lumen output.
- **Water Heater Temperature Check Card and Adjustment**

This provides a temperature check of the water heater temperature setting and informs the customer of the possibility for turn-down adjustment.

- **Low Flow Faucet Aerator**
This provides two low flow faucet aerators to reduce the amount of hot water used.
- **Wall Plate Thermometer**
This provides one wall plate thermometer to check the accuracy of the installed thermostat.
- **Air Filter Whistle**
This provides one filter whistle to help remind to clean or change filter monthly.
- **Energy Savings Education Handout**
This provides the content and directions for installation for all of the measures within the kit. The handout also includes several no-cost energy conservation tips that provide an immediate payback.

Also, as part of energy education and awareness, this portion of the program will continue the focus on providing opportunities to encourage the conservation of energy and for the promotion of energy efficiency through local school systems by partnering with high schools' driver's education classes. This portion of the program will provide energy efficiency and electric vehicle ("EV") training curriculum and educational materials and the incremental cost of one electric vehicle at selected high schools.

Agency Outreach

This portion of the program will allow for delivery of energy efficiency kits that will help educate agency clients on practices that help to reduce energy consumption. The suggested practices will mirror the recommendations provided to customers who participate in a free energy audit.

Customer eligibility is confirmed through the utilization of census data to identify eligible customer geographic regions of low-income customers or by referrals through direct customer contact, distributed literature and communication through key community contacts or local community assistance agencies which serve low income households.

As a means to encourage adoption of the recommendations, agency clients who are seeking energy-related assistance will be provided with the same energy efficiency kit above.

Program Participation Standards

Tampa Electric will file program standards subsequently with the company's DSM Plan.

Program Savings

Savings were determined using Resource Innovation's updated Technical Potential data for systems across all eligible residential structures and participants. The analysis yielded the following expected savings per customer participant:

Summer Demand:	0.014 kW
Winter Demand:	0.100 kW
Annual Energy:	333 kWh

For the EV portion of this program, there are no projected Summer Demand, Winter Demand or Annual Energy savings.

Program Costs

The estimated administrative cost per participant is \$15.

The estimated total cost (including administration) per participant is \$47.10.

Program Monitoring and Evaluation

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company's previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 19941173-EG.

PROGRAM NAME: ENERGY AND RENEWABLE EDUCATION, AWARENESS AND AGENCY OUTREACH

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration Level %	Cumulative Number of Program Participants
2025	768,913	768,913	1,750	0.2%	1,750
2026	781,870	781,870	1,750	0.4%	3,500
2027	794,608	794,608	1,750	0.7%	5,250
2028	807,013	807,013	1,750	0.9%	7,000
2029	819,051	819,051	1,750	1.1%	8,750
2030	830,679	830,679	1,750	1.3%	10,500
2031	841,697	841,697	1,750	1.5%	12,250
2032	852,292	852,292	1,750	1.6%	14,000
2033	862,499	862,499	1,750	1.8%	15,750
2034	872,381	872,381	1,750	2.0%	17,500

PROGRAM NAME: ENERGY AND RENEWABLE EDUCATION, AWARENESS AND AGENCY OUTREACH

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	333	0.100	0.014	0.583	0.175	0.025
2026	333	0.100	0.014	1.166	0.350	0.049
2027	333	0.100	0.014	1.748	0.525	0.074
2028	333	0.100	0.014	2.331	0.700	0.098
2029	333	0.100	0.014	2.914	0.875	0.123
2030	333	0.100	0.014	3.497	1.050	0.147
2031	333	0.100	0.014	4.079	1.225	0.172
2032	333	0.100	0.014	4.662	1.400	0.196
2033	333	0.100	0.014	5.245	1.575	0.221
2034	333	0.100	0.014	5.828	1.750	0.245

PROGRAM NAME: ENERGY AND RENEWABLE EDUCATION, AWARENESS AND AGENCY OUTREACH

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	352	0.107	0.015	0.615	0.188	0.026
2026	352	0.107	0.015	1.231	0.376	0.053
2027	352	0.107	0.015	1.846	0.563	0.079
2028	352	0.107	0.015	2.462	0.751	0.105
2029	352	0.107	0.015	3.077	0.939	0.131
2030	352	0.107	0.015	3.692	1.127	0.158
2031	352	0.107	0.015	4.308	1.314	0.184
2032	352	0.107	0.015	4.923	1.502	0.210
2033	352	0.107	0.015	5.538	1.690	0.237
2034	352	0.107	0.015	6.154	1.878	0.263

Program: ENERGY STAR for New Multi-Family Residences

Program Start Date: June 2017

Program Description

The ENERGY STAR for New Multi-Family Residences Program is a residential new construction conservation program designed to reduce the growth of peak demand and energy in the residential new construction apartment and condominium residence market. The program utilizes a rebate to encourage the construction of new multi-family residences to meet the requirements to achieve the ENERGY STAR certified apartments and condominium label. By receiving this certificate, the new residence will use less energy and demand which will help reduce the growth of Tampa Electric's peak demand.

Program Participation Standards

Tampa Electric will file program standards subsequently with the company's DSM Plan.

Program Savings

Savings were determined using historical participation characteristics of multi-family residences and utilizing DOE2 building simulations for a multi-family residence that would meet the current minimum Florida Building Code compared to a new multi-family residence that would meet the requirements to achieve the ENERGY STAR Certificate for the multi-family residence. The analysis yielded the following expected savings per customer participant:

Summer Demand:	0.512 kW
Winter Demand:	0.205 kW
Annual Energy:	1,716 kWh

Program Costs

Rebate: \$345 for a qualifying multi-family residence receiving the ENERGY STAR Certificate.

The estimated administrative cost per participant is \$25.

Program Monitoring and Evaluation

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company's previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 19941173-EG.

PROGRAM NAME: ENERGY STAR FOR NEW MULTI-FAMILY RESIDENCES

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration Level %	Cumulative Number of Program Participants
2025	13,169	4,646	0	0.0%	0
2026	12,957	4,551	0	0.0%	0
2027	12,738	4,458	300	6.7%	300
2028	12,405	4,397	0	6.8%	300
2029	12,038	4,304	0	7.0%	300
2030	11,629	4,188	300	14.3%	600
2031	11,017	4,076	0	14.7%	600
2032	10,595	3,962	0	15.1%	600
2033	10,207	3,865	300	23.3%	900
2034	9,882	3,789	0	23.8%	900

PROGRAM NAME: ENERGY STAR FOR NEW MULTI-FAMILY RESIDENCES

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	1,716	0.205	0.512	0.000	0.000	0.000
2026	1,716	0.205	0.512	0.000	0.000	0.000
2027	1,716	0.205	0.512	0.515	0.062	0.154
2028	1,716	0.205	0.512	0.515	0.062	0.154
2029	1,716	0.205	0.512	0.515	0.062	0.154
2030	1,716	0.205	0.512	1.030	0.123	0.307
2031	1,716	0.205	0.512	1.030	0.123	0.307
2032	1,716	0.205	0.512	1.030	0.123	0.307
2033	1,716	0.205	0.512	1.544	0.185	0.461
2034	1,716	0.205	0.512	1.544	0.185	0.461

PROGRAM NAME: ENERGY STAR FOR NEW MULTI-FAMILY RESIDENCES

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	1,812	0.220	0.549	0.000	0.000	0.000
2026	1,812	0.220	0.549	0.000	0.000	0.000
2027	1,812	0.220	0.549	0.544	0.066	0.165
2028	1,812	0.220	0.549	0.544	0.066	0.165
2029	1,812	0.220	0.549	0.544	0.066	0.165
2030	1,812	0.220	0.549	1.087	0.132	0.330
2031	1,812	0.220	0.549	1.087	0.132	0.330
2032	1,812	0.220	0.549	1.087	0.132	0.330
2033	1,812	0.220	0.549	1.631	0.198	0.494
2034	1,812	0.220	0.549	1.631	0.198	0.494

Program: ENERGY STAR for New Homes

Program Start Date: November 2015

Program Description

The ENERGY STAR for New Homes Program is a residential new construction conservation program designed to reduce the growth of peak demand and energy in the residential new construction market. The program utilizes a rebate to encourage the construction of new homes to meet the requirements to achieve the ENERGY STAR certified new home label. By receiving this certificate, the new home will use less energy and demand which will help reduce the growth of Tampa Electric's peak demand.

Program Participation Standards

Tampa Electric will file program standards subsequently with the company's DSM Plan.

Program Savings

Savings were determined using Resource Innovation's updated Technical Potential data for systems across all eligible residential structures and participants. The analysis yielded the following expected savings per customer participant:

Summer Demand:	1.120 kW
Winter Demand:	0.654 kW
Annual Energy:	4,445 kWh

Program Costs

Rebate: \$425 for a qualifying home receiving the ENERGY STAR Certificate.

The estimated administrative cost per participant is \$25.

Program Monitoring and Evaluation

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company's previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 19941173-EG.

PROGRAM NAME: ENERGY STAR FOR NEW HOMES

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration Level %	Cumulative Number of Program Participants
2025	13,169	7,749	400	5.2%	400
2026	12,957	7,590	400	10.5%	800
2027	12,738	7,435	400	16.1%	1,200
2028	12,405	7,333	400	21.8%	1,600
2029	12,038	7,179	400	27.9%	2,000
2030	11,629	6,985	500	35.8%	2,500
2031	11,017	6,798	500	44.1%	3,000
2032	10,595	6,608	500	53.0%	3,500
2033	10,207	6,446	500	62.1%	4,000
2034	9,882	6,319	500	71.2%	4,500

PROGRAM NAME: ENERGY STAR FOR NEW HOMES

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	4,445	0.654	1.120	1.778	0.262	0.448
2026	4,445	0.654	1.120	3.556	0.523	0.896
2027	4,445	0.654	1.120	5.334	0.785	1.344
2028	4,445	0.654	1.120	7.112	1.046	1.792
2029	4,445	0.654	1.120	8.890	1.308	2.240
2030	4,445	0.654	1.120	11.113	1.635	2.800
2031	4,445	0.654	1.120	13.335	1.962	3.360
2032	4,445	0.654	1.120	15.558	2.289	3.920
2033	4,445	0.654	1.120	17.780	2.616	4.480
2034	4,445	0.654	1.120	20.003	2.943	5.040

PROGRAM NAME: ENERGY STAR FOR NEW HOMES

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	4,694	0.702	1.202	1.878	0.281	0.481
2026	4,694	0.702	1.202	3.755	0.561	0.961
2027	4,694	0.702	1.202	5.633	0.842	1.442
2028	4,694	0.702	1.202	7.510	1.123	1.923
2029	4,694	0.702	1.202	9.388	1.403	2.404
2030	4,694	0.702	1.202	11.735	1.754	3.004
2031	4,694	0.702	1.202	14.082	2.105	3.605
2032	4,694	0.702	1.202	16.429	2.456	4.206
2033	4,694	0.702	1.202	18.776	2.807	4.807
2034	4,694	0.702	1.202	21.123	3.158	5.408

Program: ENERGY STAR Thermostats

Program Start Date: November 2020

Program Description

The ENERGY STAR Thermostats Program is designed to encourage customers to make cost-effective improvements to existing residences. The goal is to offer customer rebates for installing an ENERGY STAR certified smart thermostat to help reduce their energy consumption while reducing Tampa Electric's weather sensitive peak demand. Smart thermostats are designed to reduce demand and energy by decreasing the load on residential air conditioning and heating equipment and providing energy usage information regarding the heating and cooling system's settings and usage. This program will rebate residential customers that install a qualifying thermostat.

Program Participation Standards

Tampa Electric will file program standards subsequently with the company's DSM Plan.

Program Savings

Savings were determined using Resource Innovation's updated Technical Potential data for systems across all eligible residential structures and participants. The analysis yielded the following expected savings per customer participant:

Summer Demand:	0.237 kW
Winter Demand:	0.095 kW
Annual Energy:	528 kWh

Program Costs

Rebate: \$22 for a qualifying thermostat.

The estimated administrative cost per participant is \$25.

Program Monitoring and Evaluation

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company's previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 19941173-EG.

PROGRAM NAME: ENERGY STAR THERMOSTATS

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration Level %	Cumulative Number of Program Participants
2025	768,913	768,913	700	0.1%	700
2026	781,870	781,870	700	0.2%	1,400
2027	794,608	794,608	700	0.3%	2,100
2028	807,013	807,013	700	0.3%	2,800
2029	819,051	819,051	700	0.4%	3,500
2030	830,679	830,679	700	0.5%	4,200
2031	841,697	841,697	700	0.6%	4,900
2032	852,292	852,292	700	0.7%	5,600
2033	862,499	862,499	700	0.7%	6,300
2034	872,381	872,381	700	0.8%	7,000

PROGRAM NAME: ENERGY STAR THERMOSTATS

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	528	0.095	0.237	0.370	0.067	0.166
2026	528	0.095	0.237	0.739	0.133	0.332
2027	528	0.095	0.237	1.109	0.200	0.498
2028	528	0.095	0.237	1.478	0.266	0.664
2029	528	0.095	0.237	1.848	0.333	0.830
2030	528	0.095	0.237	2.218	0.399	0.995
2031	528	0.095	0.237	2.587	0.466	1.161
2032	528	0.095	0.237	2.957	0.532	1.327
2033	528	0.095	0.237	3.326	0.599	1.493
2034	528	0.095	0.237	3.696	0.665	1.659

PROGRAM NAME: ENERGY STAR THERMOSTATS

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	558	0.102	0.254	0.390	0.071	0.178
2026	558	0.102	0.254	0.781	0.143	0.356
2027	558	0.102	0.254	1.171	0.214	0.534
2028	558	0.102	0.254	1.561	0.285	0.712
2029	558	0.102	0.254	1.951	0.357	0.890
2030	558	0.102	0.254	2.342	0.428	1.068
2031	558	0.102	0.254	2.732	0.499	1.246
2032	558	0.102	0.254	3.122	0.571	1.424
2033	558	0.102	0.254	3.513	0.642	1.602
2034	558	0.102	0.254	3.903	1.738	1.780

Program: Residential Heating and Cooling

Program Start Date: January 1981

Program Description

The Residential Heating and Cooling Program is designed to encourage customers to make cost-effective improvements to existing residences. The goal is to offer customer rebates for installing high efficiency heating and cooling systems to help reduce their energy consumption while reducing Tampa Electric’s weather sensitive peak demand. High efficiency heating and cooling systems require less demand and energy as compared to standard systems. This program will rebate residential customers that install a qualifying air conditioning system.

Program Participation Standards

Tampa Electric will file program standards subsequently with the company’s DSM Plan.

Program Savings

Savings were determined using Resource Innovation’s updated Technical Potential data for systems across all eligible residential structures and participants. The analysis yielded the following expected savings per customer participant:

	Tier 1:	Tier 2
Summer Demand:	0.129 kW	0.241 kW
Winter Demand:	3.924 kW	3.972 kW
Annual Energy:	6,053 kWh	6,320 kWh

Program Costs

Rebate: Tier 1 - \$40 per qualifying unit that meets or exceeds the current DOE energy conservation standard for residential central air conditioners and heat pumps or Florida Building Code by 1 SEER level or by 1 SEER2 level.

Tier 2 - \$550 per qualifying unit that meets or exceeds the current DOE energy conservation standard for residential central air conditioners and heat pumps or Florida Building Code by 2 SEER levels or by 2 SEER2 levels.

Rebates tiers are not stackable.

The estimated administrative cost per participant is \$35.

Program Monitoring and Evaluation

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company’s previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 19941173-EG.

PROGRAM NAME: RESIDENTIAL HEATING AND COOLING TIER 1

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration level %	Cumulative Number of Program Participants
2025	768,913	84,580	500	0.6%	500
2026	781,870	86,006	500	1.2%	1,000
2027	794,608	87,407	500	1.7%	1,500
2028	807,013	88,771	500	2.3%	2,000
2029	819,051	90,096	500	2.8%	2,500
2030	830,679	91,375	500	3.3%	3,000
2031	841,697	92,587	500	3.8%	3,500
2032	852,292	93,752	500	4.3%	4,000
2033	862,499	94,875	500	4.7%	4,500
2034	872,381	95,962	500	5.2%	5,000

PROGRAM NAME: RESIDENTIAL HEATING AND COOLING TIER 1

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	6,053	3.924	0.129	3.027	1.962	0.065
2026	6,053	3.924	0.129	6.053	3.924	0.129
2027	6,053	3.924	0.129	9.080	5.886	0.194
2028	6,053	3.924	0.129	12.106	7.848	0.258
2029	6,053	3.924	0.129	15.133	9.810	0.323
2030	6,053	3.924	0.129	18.159	11.772	0.387
2031	6,053	3.924	0.129	21.186	13.734	0.452
2032	6,053	3.924	0.129	24.212	15.696	0.516
2033	6,053	3.924	0.129	27.239	17.658	0.581
2034	6,053	3.924	0.129	30.265	19.620	0.645

PROGRAM NAME: RESIDENTIAL HEATING AND COOLING TIER 1

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	6,392	4.210	0.138	3.196	2.105	0.069
2026	6,392	4.210	0.138	6.392	4.210	0.138
2027	6,392	4.210	0.138	9.588	6.316	0.208
2028	6,392	4.210	0.138	12.784	8.421	0.277
2029	6,392	4.210	0.138	15.980	10.526	0.346
2030	6,392	4.210	0.138	19.176	12.631	0.415
2031	6,392	4.210	0.138	22.372	14.737	0.484
2032	6,392	4.210	0.138	25.568	16.842	0.554
2033	6,392	4.210	0.138	28.764	18.947	0.623
2034	6,392	4.210	0.138	31.960	21.052	0.692

PROGRAM NAME: RESIDENTIAL HEATING AND COOLING TIER 2

Year	(a) Total Number of Customers	(b) Total Number of Eligible Customers	(c) Annual Number of Program Participants	(d) Cumulative Penetration Level %	(e) Cumulative Number of Program Participants
2025	768,913	768,913	1,000	0.1%	1,000
2026	781,870	781,870	1,000	0.3%	2,000
2027	794,608	794,608	1,000	0.4%	3,000
2028	807,013	807,013	1,000	0.5%	4,000
2029	819,051	819,051	1,000	0.6%	5,000
2030	830,679	830,679	1,000	0.7%	6,000
2031	841,697	841,697	1,000	0.8%	7,000
2032	852,292	852,292	1,000	0.9%	8,000
2033	862,499	862,499	1,000	1.0%	9,000
2034	872,381	872,381	1,000	1.1%	10,000

PROGRAM NAME: RESIDENTIAL HEATING AND COOLING TIER 2

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	6320	3.972	0.241	6.320	3.972	0.241
2026	6320	3.972	0.241	12.640	7.944	0.482
2027	6320	3.972	0.241	18.960	11.916	0.723
2028	6320	3.972	0.241	25.280	15.888	0.964
2029	6320	3.972	0.241	31.600	19.860	1.205
2030	6320	3.972	0.241	37.920	23.832	1.446
2031	6320	3.972	0.241	44.240	27.804	1.687
2032	6320	3.972	0.241	50.560	31.776	1.928
2033	6320	3.972	0.241	56.880	35.748	2.169
2034	6320	3.972	0.241	63.200	39.720	2.410

PROGRAM NAME: RESIDENTIAL HEATING AND COOLING TIER 2

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	6674	4.262	0.259	6.674	4.262	0.259
2026	6674	4.262	0.259	13.348	8.524	0.517
2027	6674	4.262	0.259	20.022	12.786	0.776
2028	6674	4.262	0.259	26.696	17.048	1.034
2029	6674	4.262	0.259	33.370	21.310	1.293
2030	6674	4.262	0.259	40.044	25.572	1.552
2031	6674	4.262	0.259	46.717	29.834	1.810
2032	6674	4.262	0.259	53.391	34.096	2.069
2033	6674	4.262	0.259	60.065	38.358	2.327
2034	6674	4.262	0.259	66.739	42.620	2.586

Program: Neighborhood Weatherization

Program Start Date: March 2008

Program Description

The Neighborhood Weatherization Program is designed to assist low-income families in reducing their energy usage. The goal of the program is to provide and install a package of conservation measures at no cost to the customer. Another key component will be educating families and promoting energy conservation techniques to help customers control and reduce their energy usage.

Customer eligibility is confirmed through the utilization of census data to identify eligible customer geographic regions of low-income customers or by referrals through direct customer contact, distributed literature and communication through key community contacts or local community assistance agencies which serve low income households. Local residents of these qualifying geographic regions will have the opportunity to enroll for participation in the program at no cost.

Tampa Electric will deliver the following applicable measures.

- **Duct Repair**
For dwellings with a ducted central HVAC system, this will provide repair of one run of the ADS towards qualification.
- **Walk-Through Energy Audit**
- **Duct Sealing**
For qualified dwellings with a ducted central HVAC system, this will provide sealing of the ADS.
- **Ceiling Insulation**
For qualified dwellings where the existing ceiling insulation is below R-19, this will provide for an R-13 to be installed. Any home where roof pitch limits accessibility, a lower R-value may be installed.
- **LEDs**
This provides the resident with six LEDs to replace incandescent bulbs with similar lumen output.
- **Hot Water Pipe Insulation**
This allows for the installation of hot water insulation on un-insulated pipes.
- **Water Heater Temperature Check Card and Adjustment**
This provides a temperature check of the water heater temperature setting and informs the customer of the possibility for turn-down adjustment.
- **Low Flow Faucet Aerator**

This allows for the installation of up to three low flow faucet aerators to reduce the amount of hot water used.

- **Low Flow Showerhead**
This allows for the installation of up to two low flow showerheads to reduce the amount of hot water used.
- **Wall Plate Thermometer**
This will provide for the installation of one wall plate thermometer per home to check the accuracy of the installed thermostat.
- **Refrigerator Coil Cleaning and Brush**
This will provide for the cleaning of the refrigerator coil. The brush will be provided to the customer for future cleaning.
- **HVAC Weather Stripping Kit**
This will provide for the installation of a weather-stripping kit for window/wall HVAC units. The customer will receive or have installed up to two kits.
- **Air Filter Whistle**
This provides each homeowner with a filter whistle to help remind them to clean or change filter monthly.
- **Weatherization Measures**
This portion of the program will provide weather stripping, caulk and foam sealant which will be used to reduce or stop air infiltration around doors, windows, attic entries and where pipes enter the home. Reducing air infiltration is vital to saving energy and improving comfort.
- **Energy Savings Education Handout**
This provides each homeowner with the content and directions for installation for some of the measures within the kit. The handout also includes several no-cost energy conservation tips that provide an immediate payback.

Program Participation Standards

Tampa Electric will file program standards subsequently with the company's DSM Plan.

Program Savings

Savings were determined using Resource Innovation's updated Technical Potential data for systems across all eligible residential structures and participants. The analysis yielded the following expected savings per customer participant:

Summer Demand:	0.226 kW
Winter Demand:	0.331 kW
Annual Energy:	1,292 kWh

Program Costs

The estimated administrative cost per participant is \$950. There are no rebates or incentives for this program.

Program Monitoring and Evaluation

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company's previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 19941173-EG.

PROGRAM NAME: NEIGHBORHOOD WEATHERIZATION

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration Level %	Cumulative Number of Program Participants
2025	768,913	134,234	8,000	6.0%	8,000
2026	781,870	136,496	8,000	11.7%	16,000
2027	794,608	138,720	8,000	17.3%	24,000
2028	807,013	140,886	8,000	22.7%	32,000
2029	819,051	142,987	8,000	28.0%	40,000
2030	830,679	145,017	8,000	33.1%	48,000
2031	841,697	146,941	8,000	38.1%	56,000
2032	852,292	148,790	8,000	43.0%	64,000
2033	862,499	150,572	8,000	47.8%	72,000
2034	872,381	152,297	8,000	52.5%	80,000

PROGRAM NAME: NEIGHBORHOOD WEATHERIZATION

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	1,292	0.331	0.226	10.336	2.648	1.808
2026	1,292	0.331	0.226	20.672	5.296	3.616
2027	1,292	0.331	0.226	31.008	7.944	5.424
2028	1,292	0.331	0.226	41.344	10.592	7.232
2029	1,292	0.331	0.226	51.680	13.240	9.040
2030	1,292	0.331	0.226	62.016	15.888	10.848
2031	1,292	0.331	0.226	72.352	18.536	12.656
2032	1,292	0.331	0.226	82.688	21.184	14.464
2033	1,292	0.331	0.226	93.024	23.832	16.272
2034	1,292	0.331	0.226	103.360	26.480	18.080

PROGRAM NAME: NEIGHBORHOOD WEATHERIZATION

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	1,364	0.355	0.242	10.915	2.841	1.940
2026	1,364	0.355	0.242	21.830	5.683	3.880
2027	1,364	0.355	0.242	32.744	8.524	5.820
2028	1,364	0.355	0.242	43.659	11.365	7.760
2029	1,364	0.355	0.242	54.574	14.207	9.700
2030	1,364	0.355	0.242	65.489	17.048	11.640
2031	1,364	0.355	0.242	76.404	19.889	13.580
2032	1,364	0.355	0.242	87.319	22.730	15.520
2033	1,364	0.355	0.242	98.233	25.572	17.460
2034	1,364	0.355	0.242	109.148	28.413	19.400

Program: Residential Price Responsive Load Management - Energy Planner

Program Start Date: September 2007

Program Description

The company's program relies on a multi-tiered rate structure combined with price signals conveyed to participating customers during the day. This price information is designed to encourage customers to make behavioral or equipment usage changes to their energy consumption thereby achieving the desired high cost period load reduction to assist in meeting system peak.

Price information from the utility is used by the customer to program a "smart" thermostat into preset actions based on the level of pricing. Equipment may be turned on, turned off or changed to a different temperature setting automatically by the smart thermostat or manually by the customer through the smart thermostat in response to either the multi-tiered rates or critical price signals.

Tampa Electric will install a communication device along with a "smart" thermostat at the customer's home used to control the operation of selected appliances such as space heating, air conditioning, water heating, pool pumps, and Level 2 or greater EV chargers. Customers will be able to program the operation of this equipment and alter their energy consumption based the price tiers occurring at specific times of the day and year.

Program Participation Standards

Tampa Electric will file program standards subsequently with the company's DSM Plan.

Program Savings

The billing and kWh usage histories of a control group of customers who participated in the Energy Planner program was examined and compared to those of a sample of similar sized customers who did not participate in the program. Customers included in the analysis did not participate in any other DSM programs. Fifteen-minute interval energy consumption data was used between both groups and then verified to have similar energy usage characteristics. Based on this load research data, the analysis yielded the following expected savings per customer participant:

	Without EV	With EV
Summer Demand:	1.852 kW	1.972 kW
Winter Demand:	2.587 kW	2.597 kW
Annual Energy:	819 kWh	1,074 kWh

Program Costs

The estimated recurring rate benefit per participant: \$131.

The estimated annual recurring administrative cost per participant is \$15.83.

The estimated one time administrative, installation and setup cost is \$781.94.

Program Monitoring and Evaluation

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company's previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 19941173-EG.

PROGRAM NAME: RESIDENTIAL PRICE RESPONSIVE LOAD MANAGEMENT (ENERGY PLANNER)

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration Level %	Cumulative Number of Program Participants
2025	768,913	533,939	550	0.1%	550
2026	781,870	542,459	550	0.2%	1,100
2027	794,608	550,825	550	0.3%	1,650
2028	807,013	558,959	550	0.4%	2,200
2029	819,051	566,835	550	0.5%	2,750
2030	830,679	574,426	550	0.6%	3,300
2031	841,697	581,588	550	0.7%	3,850
2032	852,292	588,454	550	0.7%	4,400
2033	862,499	595,049	550	0.8%	4,950
2034	872,381	601,416	550	0.9%	5,500

PROGRAM NAME: RESIDENTIAL PRICE RESPONSIVE LOAD MANAGEMENT (ENERGY PLANNER)

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	1,074	2.597	1.972	0.591	1.428	1.085
2026	1,074	2.597	1.972	1.181	2.857	2.169
2027	1,074	2.597	1.972	1.772	4.285	3.254
2028	1,074	2.597	1.972	2.363	5.713	4.338
2029	1,074	2.597	1.972	2.954	7.142	5.423
2030	1,074	2.597	1.972	3.544	8.570	6.508
2031	1,074	2.597	1.972	4.135	9.998	7.592
2032	1,074	2.597	1.972	4.726	11.427	8.677
2033	1,074	2.597	1.972	5.316	12.855	9.761
2034	1,074	2.597	1.972	5.907	14.284	10.846

PROGRAM NAME: RESIDENTIAL PRICE RESPONSIVE LOAD MANAGEMENT (ENERGY PLANNER)

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	1,134	2.787	2.116	0.624	1.533	1.164
2026	1,134	2.787	2.116	1.248	3.065	2.328
2027	1,134	2.787	2.116	1.871	4.598	3.491
2028	1,134	2.787	2.116	2.495	6.130	4.655
2029	1,134	2.787	2.116	3.119	7.663	5.819
2030	1,134	2.787	2.116	3.743	9.196	6.983
2031	1,134	2.787	2.116	4.366	10.728	8.146
2032	1,134	2.787	2.116	4.990	12.261	9.310
2033	1,134	2.787	2.116	5.614	13.794	10.474
2034	1,134	2.787	2.116	6.238	15.357	11.638

Program: Residential Prime Time Plus (Residential Load Management)

Program Start Date: December 2022

Program Description

Tampa Electric’s “Prime Time Plus” is a residential load management 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, level 2 EV chargers, and pool pumps are controlled via the company’s advanced metering infrastructure (“AMI”). In addition, the customer will receive a programmable “smart thermostat” and access to a mobile app. The mobile app and “smart thermostat” allow the customer to change thermostat settings from any mobile device. The program will leverage the company’s AMI to provide the communication with the installed thermostat and customer selected appliances for load control.

Customers participating in Prime Time Plus will receive monthly incentive credits on their electric bill. Air conditioning, level 2 EV chargers, and pool pump appliances can be interrupted at any time but will not exceed 134 hours of control in a single year. Water heating appliances can be interrupted at any time and may exceed 134 hours a year if needed for frequency assistance for changes to the company’s photovoltaic generation output.

Program Participation Standards

Tampa Electric will file program standards subsequently with the company’s DSM Plan.

Program Savings

Savings were determined using Resource Innovation’s updated Technical Potential data for systems across all eligible residential structures and participants. The analysis yielded the following expected savings per customer participant:

	Without EV	With EV
Summer Demand:	2.524 kW	2.644 kW
Winter Demand:	1.917 kW	1.927 kW
Annual Energy:	0 kWh	0 kWh

Program Costs

Incentives:

- \$12.00 per month for central heating and air conditioning control.
- \$6.00 per month for electric water heating control.
- \$3.00 per month for pool pump control.
- \$9.00 per month for Level 2 (or greater) EV Charger control.

The estimated annual recurring administrative cost per participant is \$3.06.

The estimated one time administrative, installation and setup cost is \$848.32.

Program Monitoring and Evaluation

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company's previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 19941173-EG.

PROGRAM NAME: RESIDENTIAL PRIME TIME PLUS

Year	(a) Total Number of Customers	(b) Total Number of Eligible Customers	(c) Annual Number of Program Participants	(d) Cumulative Penetration level %	(e) Cumulative Number of Program Participants
2025	768,913	766,563	1,250	0.2%	1,250
2026	781,870	778,270	1,250	0.3%	2,500
2027	794,608	789,508	1,500	0.5%	4,000
2028	807,013	800,413	1,500	0.7%	5,500
2029	819,051	810,951	1,500	0.9%	7,000
2030	830,679	820,829	1,750	1.1%	8,750
2031	841,697	830,097	1,750	1.3%	10,500
2032	852,292	838,942	1,750	1.5%	12,250
2033	862,499	847,399	1,750	1.7%	14,000
2034	872,381	855,531	1,750	1.8%	15,750

PROGRAM NAME: RESIDENTIAL PRIME TIME PLUS

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	0	1.927	2.644	0.000	2.409	3.305
2026	0	1.927	2.644	0.000	4.818	6.610
2027	0	1.927	2.644	0.000	7.708	10.576
2028	0	1.927	2.644	0.000	10.599	14.542
2029	0	1.927	2.644	0.000	13.489	18.508
2030	0	1.927	2.644	0.000	16.861	23.135
2031	0	1.927	2.644	0.000	20.234	27.762
2032	0	1.927	2.644	0.000	23.606	32.389
2033	0	1.927	2.644	0.000	26.978	37.016
2034	0	1.927	2.644	0.000	30.350	41.643

PROGRAM NAME: RESIDENTIAL PRIME TIME PLUS

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	0	2.068	2.837	0.000	2.585	3.546
2026	0	2.068	2.837	0.000	5.169	7.093
2027	0	2.068	2.837	0.000	8.271	11.348
2028	0	2.068	2.837	0.000	11.372	15.604
2029	0	2.068	2.837	0.000	14.474	19.859
2030	0	2.068	2.837	0.000	18.092	24.824
2031	0	2.068	2.837	0.000	21.711	29.789
2032	0	2.068	2.837	0.000	25.329	34.753
2033	0	2.068	2.837	0.000	28.947	39.718
2034	0	2.068	2.837	0.000	32.566	44.683

Program: Commercial/Industrial Audit (Free)

Program Start Date: July 1983

Program Description

This is a conservation program designed to reduce demand and energy consumption of commercial/industrial facilities by increasing customer awareness of the energy use in their facilities. The savings are dependent upon the customer's implementation of conservation measures and practices recommended.

The audit is conducted by a trained and certified commercial energy analyst who will perform at a minimum the following:

1. Identify, note and recommend only those conservation measures and practices that apply to the specific commercial or industrial facility.
2. Encourage customer and organization participation in available conservation programs in which the specific commercial or industrial facility will benefit.
3. Energy usage profiling and benchmarking showing the historical energy usage and forecasted usage with no changes.
4. Identify and communicate to the customer identified no-cost, low-cost and capital cost conservation measures and practices including those that have less than a two-year payback.

Recommendations are tailored to the specific commercial or industrial facility based upon the replacement of less efficient equipment and systems or modifications to operations to enhance the customer's overall efficiency. Recommendations are primarily standardized and encourage the customer to implement measures that, if cost-effective, move the customer beyond the efficiency level typically installed in the marketplace.

Program Participation Standards

Tampa Electric will file program standards subsequently with the company's DSM Plan.

Program Savings

The kWh billing histories of customers who received these audits were examined in comparison to those of matched customers without audits. Customers included in the analysis did not participate in any other DSM programs. Consumption before and after the audit was compared for both sets of customers to estimate the impact associated with the audit. Based on this load research data, the analysis yielded the following expected savings per customer participant:

Summer Demand:	0.093 kW
Winter Demand:	0.094 kW
Annual Energy:	817 kWh

Note: As approved on August 11, 2015 in Docket 20150081-EG, Order No. PSC-2015-0323-PAA-EG, the company will not count the energy or demand savings from this

program toward contributions toward meeting Tampa Electric's Commission approved annual energy and demand saving's goals.

Program Costs

Based on historical costs, the administrative cost per audit is estimated to be \$381. There are no rebates or incentives for this program.

Program Monitoring and Evaluation

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company's previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 19941173-EG.

PROGRAM NAME: COMMERCIAL/INDUSTRIAL AUDIT (FREE)

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration Level %	Cumulative Number of Program Participants
2025	83,776	83,776	800	1.0%	800
2026	84,722	84,722	800	1.9%	1,600
2027	85,676	85,676	800	2.8%	2,400
2028	86,648	86,648	800	3.7%	3,200
2029	87,627	87,627	800	4.6%	4,000
2030	88,607	88,607	800	5.4%	4,800
2031	89,589	89,589	800	6.3%	5,600
2032	90,571	90,571	800	7.1%	6,400
2033	91,556	91,556	800	7.9%	7,200
2034	92,542	92,542	800	8.6%	8,000

PROGRAM NAME: COMMERCIAL/INDUSTRIAL AUDIT (FREE)

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	817	0.094	0.093	0.654	0.075	0.074
2026	817	0.094	0.093	1.307	0.150	0.149
2027	817	0.094	0.093	1.961	0.226	0.223
2028	817	0.094	0.093	2.614	0.301	0.298
2029	817	0.094	0.093	3.268	0.376	0.372
2030	817	0.094	0.093	3.922	0.451	0.446
2031	817	0.094	0.093	4.575	0.526	0.521
2032	817	0.094	0.093	5.229	0.602	0.595
2033	817	0.094	0.093	5.882	0.677	0.670
2034	817	0.094	0.093	6.536	0.752	0.744

PROGRAM NAME: COMMERCIAL/INDUSTRIAL AUDIT (FREE)

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	859	0.101	0.100	0.688	0.080	0.080
2026	859	0.101	0.100	1.375	0.161	0.159
2027	859	0.101	0.100	2.063	0.241	0.239
2028	859	0.101	0.100	2.750	0.322	0.318
2029	859	0.101	0.100	3.438	0.402	0.398
2030	859	0.101	0.100	4.126	0.483	0.478
2031	859	0.101	0.100	4.813	0.563	0.557
2032	859	0.101	0.100	5.501	0.644	0.637
2033	859	0.101	0.100	6.188	0.724	0.716
2034	859	0.101	0.100	6.876	0.805	0.796

Program: Comprehensive Commercial/Industrial Audit (Paid)

Program Start Date: May 1981

Program Description

This is a conservation program designed to reduce demand and energy consumption of commercial/industrial facilities by increasing customer awareness of the energy use in their facilities. The paid audit will involve monitoring specific equipment within a customer's facility to determine its electric usage with respect to the volume of use and time of operation. Based on the results, Tampa Electric will recommend conservation measure or practice changes to save energy and/or demand within the facility. The savings are dependent upon the customer's implementation of conservation measures and practices recommended.

The audit is conducted by a trained and certified commercial energy analyst who will perform the following at a minimum:

1. Identify, note and recommend only those conservation measures and practices that apply to the specific commercial or industrial facility.
2. Encourage customer and organization participation in available conservation programs in which the specific commercial or industrial facility will benefit.
3. Energy usage profiling and benchmarking showing the historical energy usage and forecasted usage with no changes.
4. Set up energy and demand monitoring equipment on requested equipment.
5. Identify and communicate to the customer identified no-cost, low-cost and capital cost conservation measures and practices including those that have less than a two-year payback.
6. Provide a measurement and verification report showing the current usage and identifying the potential for energy and demand savings for the recommended conservation measures or practices recommended.

Recommendations are tailored to the specific commercial or industrial facility based upon the replacement of less efficient equipment and systems or modifications to operations to enhance the customer's overall efficiency. Recommendations are primarily standardized and encourage the customer to implement measures that, if cost-effective, move the customer beyond the efficiency level typically installed in the marketplace.

Program Participation Standards

Tampa Electric will file program standards subsequently with the company's DSM Plan.

Program Savings

Savings for the Comprehensive Commercial/Industrial Audit are assumed to be the same as the Free Commercial/Industrial Audit due to the limited number of paid audits completed since the last evaluation.

Summer Demand:	0.093 kW
Winter Demand:	0.094 kW
Annual Energy:	817 kWh

Note: As approved on August 11, 2015 in Docket 20150081-EG, Order No. PSC-2015-0323-PAA-EG, the company will not count the energy or demand savings from this program toward contributions toward meeting Tampa Electric's Commission approved annual energy and demand saving's goals.

Program Costs

Based on experience, the administrative cost per audit is estimated to be \$913. There are no rebates or incentives for this program.

Program Monitoring and Evaluation

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company's previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 19941173-EG.

PROGRAM NAME: COMPREHENSIVE COMMERCIAL/INDUSTRIAL AUDIT (PAID)

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration Level %	Cumulative Number of Program Participants
2025	83,776	83,776	4	0.00%	4
2026	84,722	84,722	4	0.01%	8
2027	85,676	85,676	4	0.01%	12
2028	86,648	86,648	4	0.02%	16
2029	87,627	87,627	4	0.02%	20
2030	88,607	88,607	4	0.03%	24
2031	89,589	89,589	4	0.03%	28
2032	90,571	90,571	4	0.04%	32
2033	91,556	91,556	4	0.04%	36
2034	92,542	92,542	4	0.04%	40

PROGRAM NAME: COMPREHENSIVE COMMERCIAL/INDUSTRIAL AUDIT (PAID)

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	817	0.094	0.093	0.003	0.000	0.000
2026	817	0.094	0.093	0.007	0.001	0.001
2027	817	0.094	0.093	0.010	0.001	0.001
2028	817	0.094	0.093	0.013	0.002	0.001
2029	817	0.094	0.093	0.016	0.002	0.002
2030	817	0.094	0.093	0.020	0.002	0.002
2031	817	0.094	0.093	0.023	0.003	0.003
2032	817	0.094	0.093	0.026	0.003	0.003
2033	817	0.094	0.093	0.029	0.003	0.003
2034	817	0.094	0.093	0.033	0.004	0.004

PROGRAM NAME: COMPREHENSIVE COMMERCIAL/INDUSTRIAL AUDIT (PAID)

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	859	0.101	0.100	0.003	0.000	0.000
2026	859	0.101	0.100	0.007	0.001	0.001
2027	859	0.101	0.100	0.010	0.001	0.001
2028	859	0.101	0.100	0.014	0.002	0.002
2029	859	0.101	0.100	0.017	0.002	0.002
2030	859	0.101	0.100	0.021	0.002	0.002
2031	859	0.101	0.100	0.024	0.003	0.003
2032	859	0.101	0.100	0.028	0.003	0.003
2033	859	0.101	0.100	0.031	0.004	0.004
2034	859	0.101	0.100	0.034	0.004	0.004

Program: Cogeneration

Program Start Date: January 1981

Program Description

Tampa Electric's Cogeneration program is administered by a professional team experienced in working with cogenerators. The group manages functions related to coordination with Qualifying Facilities ("QFs") including negotiations, agreements and informational requests; functions related to governmental, regulatory and legislative bodies; research, development, data acquisition and analysis; economic evaluations of existing and proposed QFs as well as the preparation of Tampa Electric's Annual Twenty-Year Cogeneration Forecast.

The Cogeneration team leads Tampa Electric's involvement with prospective cogeneration projects that may be developed within the company's retail service area. This involvement includes developing and providing interconnection cost estimates, determining appropriate relaying schemes, establishing operation and maintenance procedures and negotiating purchase power and transmission service agreement when appropriate.

Program Activities

A detailed description of the activities conducted under the Cogeneration program is listed below.

- Plan, develop and assist in administering and implementing corporate and Florida Public Service Commission (FPSC) policies and regulations in areas related to cogeneration activities.
- Provide consultation, data and other specific information daily to cogeneration customers, consultants, industry executives, FPSC and other governmental agencies, developers, other utilities and various media publications regarding cogeneration policies, FPSC rules, avoided cost rates and other related criteria.
- Prepare testimony and represent Tampa Electric at hearings, rulemaking and workshop sessions, and specific tariff activities before the FPSC and other governmental agencies.
- Conduct research and development, data acquisition and economic analyses that provide reliable criteria upon which to evaluate the feasibility of cogeneration and small power production facilities.
- Prepare and issue monthly correspondence to cogeneration customers which includes a payment statement, hour-by-hour energy payment rates for preliminary and final energy payments, identification of hourly differences between preliminary and final energy payments and early capacity payment accrual accounts.
- Obtain appropriate initial and subsequent renewal Certificates of Insurance for each cogeneration customer interconnected with Tampa Electric and for each

cogeneration customer under contract with the company, sufficient to cover the customer's liability with the company.

- Prepare monthly and quarterly reports of cogeneration activities, avoided costs, etc., for submittal to the FPSC.
- Review monthly O&M bills for a customer's substation and transmission interconnections with the company.
- Determine if each customer's monthly contract standby demand level remains appropriate, and when ratcheted, the new level does not exceed the customer's generator capacity.
- Direct communications and develop the negotiations and final contractual language for interconnection, operating and transmission service agreements with cogeneration and small power production facilities.
- Assist the company's engineering and maintenance personnel with cogeneration maintenance procedures and cost estimates.
- Coordinate all cogeneration-related activities with other company departments.
- Develop the company's forecast of annual sales to cogeneration customers.
- Serve as a resource for budgeting non-fuel revenues from cogeneration customers for transmission service transactions, O&M on interconnected facilities and standby service from the company.
- Prepare and distribute the company's Twenty-Year Cogeneration Forecast.

Program Costs

Program costs are estimated on an annual basis and are integral to the company's annual ECCR Projection Filings. Actual expenses are reported in the annual ECCR True-Up Filings and subject to FPSC audits.

Program: Commercial / Industrial Custom Energy Efficiency

Program Start Date: April 1991

Program Description

The Commercial / Industrial Custom Energy Efficiency (formerly Conservation Value) Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. This rebate program is designed to recognize those investments in demand shifting or demand reduction measures that reduce Tampa Electric's peak demand. Measures funded in this program will not be covered under any other Tampa Electric commercial/industrial conservation programs. Candidates are identified through energy audits or their engineering consultants can submit proposals for funding which offer demand and energy reduction during weather sensitive peak periods helping reduce Tampa Electric's peak demand.

Program Participation Standards

Tampa Electric will file program standards subsequently with the company's DSM Plan.

Program Savings

Demand and energy savings were obtained using historical data collected from rebate submittals. The analysis yielded the following expected savings per customer participant:

Summer Demand:	2.394 kW
Winter Demand:	1.063 kW
Annual Energy:	12,286 kWh

Program Costs

Rebate: Tampa Electric will determine rebate qualification and amount by using the FPSC cost-effectiveness RIM and PCT tests as described in Rule 25-17.008, F.A.C. The cost-effectiveness tests will be performed using the same inputs that establishes the program in during the DSM goals setting. The rebate amount will be set at the level of a two-year simple payback or a RIM score of 1.01, whichever is more restrictive..

The estimated administrative cost per participant is \$550.

Program Monitoring and Evaluation

The measures evaluated in this program are specific to each participant. Because of this, every Conservation Value participant is evaluated on a case by case basis, including verification of savings.

Customers and/or their consultants are responsible for justifying their demand and energy savings estimates. Tampa Electric will advise the customer of any special metering requirements when conservation measure(s) are submitted for review. If the company does require special metering, the customer will include such provision in the

design of the measure. The company may choose to furnish and install metering equipment. The customer may also be requested to assist in data collection for complex measures.

PROGRAM NAME: CUSTOM ENERGY EFFICIENCY

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration Level %	Cumulative Number of Program Participants
2025	83,776	83,776	5	0.0%	5
2026	84,722	84,722	5	0.0%	10
2027	85,676	85,676	10	0.0%	20
2028	86,648	86,648	10	0.0%	30
2029	87,627	87,627	10	0.0%	40
2030	88,607	88,607	10	0.1%	50
2031	89,589	89,589	10	0.1%	60
2032	90,571	90,571	10	0.1%	70
2033	91,556	91,556	10	0.1%	80
2034	92,542	92,542	10	0.1%	90

PROGRAM NAME: CUSTOM ENERGY EFFICIENCY

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	12,286	1.063	2.394	0.061	0.005	0.012
2026	12,286	1.063	2.394	0.123	0.011	0.024
2027	12,286	1.063	2.394	0.246	0.021	0.048
2028	12,286	1.063	2.394	0.369	0.032	0.072
2029	12,286	1.063	2.394	0.491	0.043	0.096
2030	12,286	1.063	2.394	0.614	0.053	0.120
2031	12,286	1.063	2.394	0.737	0.064	0.144
2032	12,286	1.063	2.394	0.860	0.074	0.168
2033	12,286	1.063	2.394	0.983	0.085	0.192
2034	12,286	1.063	2.394	1.106	0.096	0.215

PROGRAM NAME: CUSTOM ENERGY EFFICIENCY

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	12,925	1.137	2.562	0.065	0.006	0.013
2026	12,925	1.137	2.562	0.129	0.011	0.026
2027	12,925	1.137	2.562	0.258	0.023	0.051
2028	12,925	1.137	2.562	0.388	0.034	0.077
2029	12,925	1.137	2.562	0.517	0.045	0.102
2030	12,925	1.137	2.562	0.646	0.057	0.128
2031	12,925	1.137	2.562	0.775	0.068	0.154
2032	12,925	1.137	2.562	0.905	0.080	0.179
2033	12,925	1.137	2.562	1.034	0.091	0.205
2034	12,925	1.137	2.562	1.163	0.102	0.231

Program: Demand Response

Program Start Date: March 2008

Program Description

Tampa Electric's Commercial Demand Response is a conservation and load management program intended to help alter the company's system load curve by reducing summer and winter demand peaks. The company will contract for a turn-key program that will incent commercial/industrial customers to reduce their demand for electricity in response to market signals. Energy and demand reductions will be achieved through a mix of emergency backup generation, energy management systems, raising cooling set-points and turning off or dimming lights, signage, etc.

Tampa Electric will contract with a demand response vendor on an as needed basis for additional MW of load reduction. The vendor will market the program to potential customers and secure participants. In addition, the vendor will audit the customer's facility to identify equipment to be utilized in demand reduction, install automated controls and provide participant with load tracking software for the customer's use. The vendor will pay customers on a dollar per kW – month basis.

Program Participation Standards

Tampa Electric will file program standards subsequently with the company's DSM Plan.

Program Savings

Demand and energy savings were obtained using historical data. The analysis yielded the following expected savings per customer participant:

Summer Demand:	408.163 kW
Winter Demand:	408.163 kW
Annual Energy:	30,612 kWh

Program Costs

The estimated annual recurring administrative cost per participant is \$5,436.73

The estimated one time administrative, installation and setup cost is \$2,500.

The estimated annual recurring incentive per participant is \$30,122.43.

Program Monitoring and Evaluation

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company's previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 19941173-EG.

PROGRAM NAME: DEMAND RESPONSE

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration Level %	Cumulative Number of Program Participants
2025	83,776	15,080	0	0.0%	0
2026	84,722	15,250	0	0.0%	0
2027	85,676	15,422	1	0.0%	1
2028	86,648	15,597	0	0.0%	1
2029	87,627	15,773	0	0.0%	1
2030	88,607	15,949	1	0.0%	2
2031	89,589	16,126	0	0.0%	2
2032	90,571	16,303	0	0.0%	2
2033	91,556	16,480	1	0.0%	3
2034	92,542	16,658	0	0.0%	3

PROGRAM NAME: DEMAND RESPONSE

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	30,612	408.163	408.163	0.000	0.000	0.000
2026	30,612	408.163	408.163	0.000	0.000	0.000
2027	30,612	408.163	408.163	0.031	0.408	0.408
2028	30,612	408.163	408.163	0.031	0.408	0.408
2029	30,612	408.163	408.163	0.031	0.408	0.408
2030	30,612	408.163	408.163	0.061	0.816	0.816
2031	30,612	408.163	408.163	0.061	0.816	0.816
2032	30,612	408.163	408.163	0.061	0.816	0.816
2033	30,612	408.163	408.163	0.092	1.224	1.224
2034	30,612	408.163	408.163	0.092	1.224	1.224

PROGRAM NAME: DEMAND RESPONSE

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	32,204	436.734	436.734	0.000	0.000	0.000
2026	32,204	436.734	436.734	0.000	0.000	0.000
2027	32,204	436.734	436.734	0.032	0.437	0.437
2028	32,204	436.734	436.734	0.032	0.437	0.437
2029	32,204	436.734	436.734	0.032	0.437	0.437
2030	32,204	436.734	436.734	0.064	0.873	0.873
2031	32,204	436.734	436.734	0.064	0.873	0.873
2032	32,204	436.734	436.734	0.064	0.873	0.873
2033	32,204	436.734	436.734	0.097	1.310	1.310
2034	32,204	436.734	436.734	0.097	1.310	1.310

Program: Industrial Load Management (GSLM 2&3)

Program Start Date: September 1999

Program Description

This is a load management program for large industrial customers with interruptible loads of 500 kW or greater. The program was approved by the FPSC in Docket No. 19990037-EI, Order No. PSC-99-1778-FOF-EI, issued September 10, 1999. Assessments for customer participation are conducted every six months.

Program Participation Standards

Tampa Electric will file program standards subsequently with the company's DSM Plan.

Program Savings

Demand and energy savings were obtained using historical data. The analysis yielded the following expected savings per customer participant:

Summer Demand:	6,146 kW
Winter Demand:	4,857 kW
Annual Energy:	1,346,126 kWh

Program Costs

Program costs include estimates for marketing, administration and field verification for participation and incentives. The incentive amount was approved on an ongoing basis by the Commission in Order No. PSC-2021-0423-S-EI, on November 11, 2021, from Tampa Electric's Petition for limited proceeding to approve the company's 2021 stipulation and settlement agreement within Docket No. 20210034-EI.

Program Monitoring and Evaluation

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company's previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 19941173-EG.

Program: Lighting Conditioned Space

Program Start Date: January 1991

Program Description

The Lighting Conditioned Space Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing energy efficient lighting technology and systems within conditioned space to help reduce their energy consumption and demand and reducing Tampa Electric's peak demand. Tampa Electric will provide a rebate to customers who install qualifying conditioned space lighting systems.

Program Participation Standards

Tampa Electric will file program standards subsequently with the company's DSM Plan.

Program Savings

Demand and energy savings were obtained using historical data collected from rebate submittals including the associated effect from the lighting system on the HVAC equipment. The analysis yielded the following expected savings per customer participant:

Summer Demand:	24.212 kW
Winter Demand:	18.853 kW
Annual Energy:	85,408 kWh

Program Costs

Rebate: \$0.400 per Watt reduction.

The estimated administrative cost per participant is \$350.

Program Monitoring and Evaluation

Data necessary to substantiate the kW and kWh savings as well as the demand coincidence will be contained on the customer's rebate analysis worksheet that accompanies the rebate application.

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company's previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 19941173-EG.

PROGRAM NAME: LIGHTING CONDITIONED SPACE

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration Level %	Cumulative Number of Program Participants
2025	83,776	83,776	150	0.2%	150
2026	84,722	84,722	150	0.4%	300
2027	85,676	85,676	150	0.5%	450
2028	86,648	86,648	150	0.7%	600
2029	87,627	87,627	150	0.9%	750
2030	88,607	88,607	125	1.0%	875
2031	89,589	89,589	125	1.1%	1,000
2032	90,571	90,571	125	1.2%	1,125
2033	91,556	91,556	125	1.4%	1,250
2034	92,542	92,542	125	1.5%	1,375

PROGRAM NAME: LIGHTING CONDITIONED SPACE

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	85,408	18.853	24.212	12.811	2.828	3.632
2026	85,408	18.853	24.212	25.622	5.656	7.264
2027	85,408	18.853	24.212	38.434	8.484	10.895
2028	85,408	18.853	24.212	51.245	11.312	14.527
2029	85,408	18.853	24.212	64.056	14.140	18.159
2030	85,408	18.853	24.212	74.732	16.496	21.186
2031	85,408	18.853	24.212	85.408	18.853	24.212
2032	85,408	18.853	24.212	96.084	21.210	27.239
2033	85,408	18.853	24.212	106.760	23.566	30.265
2034	85,408	18.853	24.212	117.436	25.923	33.292

PROGRAM NAME: LIGHTING CONDITIONED SPACE

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	89,849	20.173	25.907	13.477	3.026	3.886
2026	89,849	20.173	25.907	26.955	6.052	7.772
2027	89,849	20.173	25.907	40.432	9.078	11.658
2028	89,849	20.173	25.907	53.910	12.104	15.544
2029	89,849	20.173	25.907	67.387	15.130	19.430
2030	89,849	20.173	25.907	78.618	17.651	22.668
2031	89,849	20.173	25.907	89.849	20.173	25.907
2032	89,849	20.173	25.907	101.080	22.694	29.145
2033	89,849	20.173	25.907	112.312	25.216	32.384
2034	89,849	20.173	25.907	123.543	27.737	35.622

Program: Lighting Non-Conditioned Space

Program Start Date: January 1991

Program Description

The Lighting Non-Conditioned Space Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing energy efficient outdoor lighting technology and systems or in non-conditioned spaces to help reduce their energy consumption and demand and reducing Tampa Electric's peak demand. Tampa Electric will provide a rebate to customers who install qualifying non-conditioned spaces lighting systems.

Program Participation Standards

Tampa Electric will file program standards subsequently with the company's DSM Plan.

Program Savings

Demand and energy savings were obtained using historical data collected from rebate submittals. The analysis yielded the following expected savings per customer participant:

Summer Demand:	11.535 kW
Winter Demand:	11.535 kW
Annual Energy:	56,092 kWh

Program Costs

Rebate: \$0.350 per Watt reduction.

The estimated administrative cost per participant is \$350.

Program Monitoring and Evaluation

Data necessary to substantiate the kW and kWh savings as well as the demand coincidence will be contained on the customer's rebate analysis worksheet that accompanies the rebate application.

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company's previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 19941173-EG.

PROGRAM NAME: LIGHTING NON-CONDITIONED SPACE

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration Level %	Cumulative Number of Program Participants
2025	83,776	83,776	125	0.0%	125
2026	84,722	84,722	125	0.0%	250
2027	85,676	85,676	125	0.4%	375
2028	86,648	86,648	125	0.6%	500
2029	87,627	87,627	125	0.7%	625
2030	88,607	88,607	100	0.8%	725
2031	89,589	89,589	100	0.9%	825
2032	90,571	90,571	100	1.0%	925
2033	91,556	91,556	100	1.1%	1,025
2034	92,542	92,542	100	1.2%	1,125

PROGRAM NAME: LIGHTING NON-CONDITIONED SPACE

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	56,092	11.535	11.535	7.012	1.442	1.442
2026	56,092	11.535	11.535	14.023	2.884	2.884
2027	56,092	11.535	11.535	21.035	4.326	4.326
2028	56,092	11.535	11.535	28.046	5.768	5.768
2029	56,092	11.535	11.535	35.058	7.209	7.209
2030	56,092	11.535	11.535	40.667	8.363	8.363
2031	56,092	11.535	11.535	46.276	9.516	9.516
2032	56,092	11.535	11.535	51.885	10.670	10.670
2033	56,092	11.535	11.535	57.494	11.823	11.823
2034	56,092	11.535	11.535	63.104	12.977	12.977

PROGRAM NAME: LIGHTING NON-CONDITIONED SPACE

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	59,009	12.342	12.342	7.376	1.543	1.543
2026	59,009	12.342	12.342	14.752	3.086	3.086
2027	59,009	12.342	12.342	22.128	4.628	4.628
2028	59,009	12.342	12.342	29.504	6.171	6.171
2029	59,009	12.342	12.342	36.880	7.714	7.714
2030	59,009	12.342	12.342	42.781	8.948	8.948
2031	59,009	12.342	12.342	48.682	10.183	10.183
2032	59,009	12.342	12.342	54.583	11.417	11.417
2033	59,009	12.342	12.342	60.484	12.651	12.651
2034	59,009	12.342	12.342	66.385	13.885	13.885

Program: Lighting Occupancy Sensors

Program Start Date: March 2008

Program Description

The Lighting Occupancy Sensors Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing lighting occupancy sensors to efficiently control lighting systems to help reduce their energy consumption and demand and reducing Tampa Electric's peak demand. Tampa Electric will provide a rebate to customers who install qualifying occupancy sensors for lighting systems.

Program Participation Standards

Tampa Electric will file program standards subsequently with the company's DSM Plan.

Program Savings

Demand and energy savings were obtained using historical data collected from rebate submittals. The analysis yielded the following expected savings per customer participant:

Summer Demand:	37.495 kW
Winter Demand:	29.998 kW
Annual Energy:	90,517 kWh

Program Costs

Rebate: \$26 per kW of lighting controlled up to but not to exceed 50 percent of purchase price.

The estimated administrative cost per participant is \$350.

Program Monitoring and Evaluation

Data necessary to substantiate the kW and kWh savings as well as the demand coincidence will be contained on the customer's rebate analysis worksheet that accompanies the rebate application. Time of use sampling with data loggers to confirm operating hours and kWh estimates may be used.

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company's previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 19941173-EG.

PROGRAM NAME: LIGHTING OCCUPANCY SENSORS

Year	(a) Total Number of Customers	(b) Total Number of Eligible Customers	(c) Annual Number of Program Participants	(d) Cumulative Penetration Level %	(e) Cumulative Number of Program Participants
2025	83,776	83,776	5	0.0%	5
2026	84,722	84,722	5	0.0%	10
2027	85,676	85,676	5	0.0%	15
2028	86,648	86,648	5	0.0%	20
2029	87,627	87,627	5	0.0%	25
2030	88,607	88,607	5	0.0%	30
2031	89,589	89,589	5	0.0%	35
2032	90,571	90,571	5	0.0%	40
2033	91,556	91,556	5	0.0%	45
2034	92,542	92,542	5	0.1%	50

PROGRAM NAME: LIGHTING OCCUPANCY SENSORS

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	90,517	29.998	37.495	0.453	0.150	0.187
2026	90,517	29.998	37.495	0.905	0.300	0.375
2027	90,517	29.998	37.495	1.358	0.450	0.562
2028	90,517	29.998	37.495	1.810	0.600	0.750
2029	90,517	29.998	37.495	2.263	0.750	0.937
2030	90,517	29.998	37.495	2.716	0.900	1.125
2031	90,517	29.998	37.495	3.168	1.050	1.312
2032	90,517	29.998	37.495	3.621	1.200	1.500
2033	90,517	29.998	37.495	4.073	1.350	1.687
2034	90,517	29.998	37.495	4.526	1.500	1.875

PROGRAM NAME: LIGHTING OCCUPANCY SENSORS

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	95,224	32.098	40.120	0.476	0.160	0.201
2026	95,224	32.098	40.120	0.952	0.321	0.401
2027	95,224	32.098	40.120	1.428	0.481	0.602
2028	95,224	32.098	40.120	1.904	0.642	0.802
2029	95,224	32.098	40.120	2.381	0.802	1.003
2030	95,224	32.098	40.120	2.857	0.963	1.204
2031	95,224	32.098	40.120	3.333	1.123	1.404
2032	95,224	32.098	40.120	3.809	1.284	1.605
2033	95,224	32.098	40.120	4.285	1.444	1.805
2034	95,224	32.098	40.120	4.761	1.605	2.006

Program: Commercial Load Management

Program Start Date: January 1988

Program Description

The Commercial Load Management Program is intended to help alter Tampa Electric's system load curve by reducing summer and winter demand peaks. The goal is to offer customer incentives for allowing the installation and control of load management control equipment on specific technologies to reduce Tampa Electric's weather sensitive peak demand. Customers that participate in this program choose whether to have the technology controlled either interrupted for the entire control period or cycled during the control period. Tampa Electric will provide a monthly incentive credit to customers participating in this program.

Program Participation Standards

Tampa Electric will file program standards subsequently with the company's DSM Plan.

Program Savings

Demand and energy savings were obtained using historical data collected. Demand reduction for the extended control commercial customers is continuously metered. Demand reduction for cyclic control customers is determined at the time of installation either through equipment performance evaluation or calculations performed by the company using the nameplate electrical capacity of the equipment. The analysis yielded the following expected savings per customer participant:

The average demand reduction per customer is as follows:
 Summer @ 5:00 P.M. and 92°F in August
 Winter @ 8:00 A.M. and 31°F in January

	<u>Cyclic Control</u>	<u>Extended Control</u>
Summer Demand:	13.200 kW	92.000 kW
Winter Demand:	0.000 kW	60.000 kW
Annual Energy:	0.000 kWh	0.000 kWh

Program Costs

Incentive: Cyclic control receives \$5.00 per kW demand reduction per month during the summer; extended control receives \$5.50 per kW demand reduction per month annually. Both incentives are applied to the customer's monthly bill.

Incentive: \$265 recurring annual average per cyclic participant.

Incentive: \$3,776 recurring annual average per extended participant.

The estimated annual recurring administrative cost per participant is \$103.

The estimated one time administrative, installation and setup cost is \$850.

Program Monitoring and Evaluation

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company's previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 19941173-EG.

PROGRAM NAME: COMMERCIAL LOAD MANAGEMENT - CYCLIC

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration Level %	Cumulative Number of Program Participants
2025	83,776	83,776	1	0.0%	1
2026	84,722	84,722	0	0.0%	1
2027	85,676	85,676	1	0.0%	2
2028	86,648	86,648	0	0.0%	2
2029	87,627	87,627	1	0.0%	3
2030	88,607	88,607	0	0.0%	3
2031	89,589	89,589	1	0.0%	4
2032	90,571	90,571	0	0.0%	4
2033	91,556	91,556	1	0.0%	5
2034	92,542	92,542	0	0.0%	5

PROGRAM NAME: COMMERCIAL LOAD MANAGEMENT - CYCLIC

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	0	0.000	13.200	0.000	0.000	0.013
2026	0	0.000	13.200	0.000	0.000	0.013
2027	0	0.000	13.200	0.000	0.000	0.026
2028	0	0.000	13.200	0.000	0.000	0.026
2029	0	0.000	13.200	0.000	0.000	0.040
2030	0	0.000	13.200	0.000	0.000	0.040
2031	0	0.000	13.200	0.000	0.000	0.053
2032	0	0.000	13.200	0.000	0.000	0.053
2033	0	0.000	13.200	0.000	0.000	0.066
2034	0	0.000	13.200	0.000	0.000	0.066

PROGRAM NAME: COMMERCIAL LOAD MANAGEMENT - CYCLIC

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	0	0.000	14.124	0.000	0.000	0.014
2026	0	0.000	14.124	0.000	0.000	0.014
2027	0	0.000	14.124	0.000	0.000	0.028
2028	0	0.000	14.124	0.000	0.000	0.028
2029	0	0.000	14.124	0.000	0.000	0.042
2030	0	0.000	14.124	0.000	0.000	0.042
2031	0	0.000	14.124	0.000	0.000	0.056
2032	0	0.000	14.124	0.000	0.000	0.056
2033	0	0.000	14.124	0.000	0.000	0.071
2034	0	0.000	14.124	0.000	0.000	0.071

PROGRAM NAME: COMMERCIAL LOAD MANAGEMENT - EXTENDED

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration Level %	Cumulative Number of Program Participants
2025	83,776	8,378	0	0.0%	0
2026	84,722	8,472	0	0.0%	0
2027	85,676	8,568	1	0.0%	1
2028	86,648	8,665	0	0.0%	1
2029	87,627	8,763	0	0.0%	1
2030	88,607	8,861	1	0.0%	2
2031	89,589	8,959	0	0.0%	2
2032	90,571	9,057	0	0.0%	2
2033	91,556	9,156	1	0.0%	3
2034	92,542	9,254	0	0.0%	3

PROGRAM NAME: COMMERCIAL LOAD MANAGEMENT - EXTENDED

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	0	60.000	92.000	0.000	0.000	0.000
2026	0	60.000	92.000	0.000	0.000	0.000
2027	0	60.000	92.000	0.000	0.060	0.092
2028	0	60.000	92.000	0.000	0.060	0.092
2029	0	60.000	92.000	0.000	0.060	0.092
2030	0	60.000	92.000	0.000	0.120	0.184
2031	0	60.000	92.000	0.000	0.120	0.184
2032	0	60.000	92.000	0.000	0.120	0.184
2033	0	60.000	92.000	0.000	0.180	0.276
2034	0	60.000	92.000	0.000	0.180	0.276

PROGRAM NAME: COMMERCIAL LOAD MANAGEMENT - EXTENDED

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	0	64.200	98.440	0.000	0.000	0.000
2026	0	64.200	98.440	0.000	0.000	0.000
2027	0	64.200	98.440	0.000	0.064	0.098
2028	0	64.200	98.440	0.000	0.064	0.098
2029	0	64.200	98.440	0.000	0.064	0.098
2030	0	64.200	98.440	0.000	0.128	0.197
2031	0	64.200	98.440	0.000	0.128	0.197
2032	0	64.200	98.440	0.000	0.128	0.197
2033	0	64.200	98.440	0.000	0.193	0.295
2034	0	64.200	98.440	0.000	0.193	0.295

Program: Standby Generator

Program Start Date: January 1991

Program Description

The Standby Generator Program is designed to utilize the emergency generation capacity of commercial/industrial facilities in order to reduce weather sensitive peak demand. Tampa Electric provides the participating customers a 30-minute notice that their generation will be required. This allows customers time to start generators and arrange for orderly transfer of load. Tampa Electric meters and issues monthly credits for that portion of the generator's output that could serve normal building load after the notification time. Normal building load is defined as load (type, amount and time duration) that would have been served by Tampa Electric if the emergency generator did not operate. Under no circumstances will the generator deliver power to Tampa Electric's grid. Under the Environmental Protection Agency's rules, Tampa Electric classifies the Standby Generator Program as a non-emergency program.

Program Participation Standards

Tampa Electric will file program standards subsequently with the company's DSM Plan.

Program Savings

Demand and energy savings were obtained using historical data collected. The analysis yielded the following expected savings per customer participant:

Summer Demand:	529.915 kW
Winter Demand:	529.915 kW
Annual Energy:	52,992 kWh

Program Costs

The estimated annual recurring administrative cost per participant is \$1,333.48.

The estimated one time administrative, installation and setup cost is \$4,000.

The estimated annual recurring incentive per participant is \$39,107.73.

Program Monitoring and Evaluation

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company's previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 19941173-EG.

PROGRAM NAME: STANDBY GENERATOR

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration Level %	Cumulative Number of Program Participants
2025	83,776	2,513	1	0.0%	1
2026	84,722	2,542	1	0.1%	2
2027	85,676	2,570	1	0.1%	3
2028	86,648	2,599	1	0.2%	4
2029	87,627	2,629	1	0.2%	5
2030	88,607	2,658	1	0.2%	6
2031	89,589	2,688	1	0.3%	7
2032	90,571	2,717	1	0.3%	8
2033	91,556	2,747	1	0.3%	9
2034	92,542	2,776	1	0.4%	10

PROGRAM NAME: STANDBY GENERATOR

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	52,992	529.915	529.915	0.053	0.530	0.530
2026	52,992	529.915	529.915	0.106	1.060	1.060
2027	52,992	529.915	529.915	0.159	1.590	1.590
2028	52,992	529.915	529.915	0.212	2.120	2.120
2029	52,992	529.915	529.915	0.265	2.650	2.650
2030	52,992	529.915	529.915	0.318	3.179	3.179
2031	52,992	529.915	529.915	0.371	3.709	3.709
2032	52,992	529.915	529.915	0.424	4.239	4.239
2033	52,992	529.915	529.915	0.477	4.769	4.769
2034	52,992	529.915	529.915	0.530	5.299	5.299

PROGRAM NAME: STANDBY GENERATOR

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	55,748	567.009	567.009	0.056	0.567	0.567
2026	55,748	567.009	567.009	0.111	1.134	1.134
2027	55,748	567.009	567.009	0.167	1.701	1.701
2028	55,748	567.009	567.009	0.223	2.268	2.268
2029	55,748	567.009	567.009	0.279	2.835	2.835
2030	55,748	567.009	567.009	0.334	3.402	3.402
2031	55,748	567.009	567.009	0.390	3.969	3.969
2032	55,748	567.009	567.009	0.446	4.536	4.536
2033	55,748	567.009	567.009	0.502	5.103	5.103
2034	55,748	567.009	567.009	0.557	5.670	5.670

Program: VFD and Motor Controls

Program Start Date: November 2020

Program Description

The Variable Frequency Drive and Motor Controls Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing variable frequency drives to their new or existing cooling units, chiller systems, HVAC pumps, refrigeration systems, compressed air systems, variable air volume systems, demand circulating systems, escalator motors, or high efficiency exhaust hoods to help reduce their demand while reducing Tampa Electric's weather sensitive peak demand. Tampa Electric will provide a rebate to customers who install a qualifying variable frequency drive.

Program Participation Standards

Tampa Electric will file program standards subsequently with the company's DSM Plan.

Program Savings

Savings were determined using Resource Innovations updated Technical Potential data for systems across all eligible commercial structures and participants. The analysis yielded the following expected savings per customer participant:

Summer Demand:	4.234 kW
Winter Demand:	5.133 kW
Annual Energy:	28,738 kWh

Program Costs

Rebate: \$75 per compressor-controlled Horse Power ("HP").

The estimated administrative cost per participant is \$350.

Program Monitoring and Evaluation

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company's previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 19941173-EG.

PROGRAM NAME: VARIABLE FREQUENCY DRIVE CONTROL FOR COMPRESSORS

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration Level %	Cumulative Number of Program Participants
2025	83,776	67,021	25	0.0%	25
2026	84,722	67,778	25	0.0%	50
2027	85,676	68,541	25	0.1%	75
2028	86,648	69,319	25	0.1%	100
2029	87,627	70,102	25	0.2%	125
2030	88,607	70,886	25	0.2%	150
2031	89,589	71,671	25	0.2%	175
2032	90,571	72,456	25	0.3%	200
2033	91,556	73,245	25	0.3%	225
2034	92,542	74,034	25	0.3%	250

PROGRAM NAME: VARIABLE FREQUENCY DRIVE CONTROL FOR COMPRESSORS

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	28,738	4.234	5.133	0.718	0.106	0.128
2026	28,738	4.234	5.133	1.437	0.212	0.257
2027	28,738	4.234	5.133	2.155	0.318	0.385
2028	28,738	4.234	5.133	2.874	0.423	0.513
2029	28,738	4.234	5.133	3.592	0.529	0.642
2030	28,738	4.234	5.133	4.311	0.635	0.770
2031	28,738	4.234	5.133	5.029	0.741	0.898
2032	28,738	4.234	5.133	5.748	0.847	1.027
2033	28,738	4.234	5.133	6.466	0.953	1.155
2034	28,738	4.234	5.133	7.185	1.059	1.283

PROGRAM NAME: VARIABLE FREQUENCY DRIVE CONTROL FOR COMPRESSORS

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	30,232	4.530	5.492	0.756	0.113	0.137
2026	30,232	4.530	5.492	1.512	0.227	0.275
2027	30,232	4.530	5.492	2.267	0.340	0.412
2028	30,232	4.530	5.492	3.023	0.453	0.549
2029	30,232	4.530	5.492	3.779	0.566	0.687
2030	30,232	4.530	5.492	4.535	0.680	0.824
2031	30,232	4.530	5.492	5.291	0.793	0.961
2032	30,232	4.530	5.492	6.046	0.906	1.098
2033	30,232	4.530	5.492	6.802	1.019	1.236
2034	30,232	4.530	5.492	7.558	1.133	1.373

Program: Commercial Heat Pump Water Heater and Drain Heat Recovery

Program Start Date: March 2008

Program Description

The Commercial Heat Pump Water Heater and Drain Heat Recovery Program is designed to encourage commercial/industrial customers to make cost-effective improvements to existing facilities. The goal is to offer customer rebates for installing energy efficient water heating and drain heat recovery systems to help reduce their energy consumption and demand and to reduce Tampa Electric's peak demand. Tampa Electric will provide a rebate to customers who install qualifying water heating systems.

Program Participation Standards

Program Standards to be submitted 30 days after Commission order approving DSM Plan.

Program Savings

Savings were determined using Resource Innovation's updated Technical Potential data for systems across all eligible commercial structures and participants. The analysis yielded the following expected savings per customer participant:

Summer Demand:	0.939 kW
Winter Demand:	4.992 kW
Annual Energy:	27,406 kWh

Program Costs

Rebate: \$0.10 per Btu of qualifying water heating or drain heat recovery equipment up to 50 percent of the cost of the equipment.

The estimated administrative cost per participant is \$350.

Program Monitoring and Evaluation

Tampa Electric will monitor and evaluate this program through cost-effectiveness techniques approved in the company's previously filed Demand Side Management Monitoring and Evaluation Plan, Docket No. 19941173-EG.

COMMERCIAL WATER HEATING

Year	(a) Total Number of Customers	(b) Total Number of Eligible Customers	(c) Annual Number of Program Participants	(d) Cumulative Penetration Level %	(e) Cumulative Number of Program Participants
2025	83,776	83,776	1	0.0%	1
2026	84,722	84,722	1	0.0%	2
2027	85,676	85,676	1	0.0%	3
2028	86,648	86,648	1	0.0%	4
2029	87,627	87,627	1	0.0%	5
2030	88,607	88,607	1	0.0%	6
2031	89,589	89,589	1	0.0%	7
2032	90,571	90,571	1	0.0%	8
2033	91,556	91,556	1	0.0%	9
2034	92,542	92,542	1	0.0%	10

PROGRAM NAME: COMMERCIAL WATER HEATING

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	27,406	4.992	0.939	0.027	0.005	0.001
2026	27,406	4.992	0.939	0.055	0.010	0.002
2027	27,406	4.992	0.939	0.082	0.015	0.003
2028	27,406	4.992	0.939	0.110	0.020	0.004
2029	27,406	4.992	0.939	0.137	0.025	0.005
2030	27,406	4.992	0.939	0.164	0.030	0.006
2031	27,406	4.992	0.939	0.192	0.035	0.007
2032	27,406	4.992	0.939	0.219	0.040	0.008
2033	27,406	4.992	0.939	0.247	0.045	0.008
2034	27,406	4.992	0.939	0.274	0.050	0.009

PROGRAM NAME: COMMERCIAL WATER HEATING

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter MW Reduction	Total Annual Summer MW Reduction
2025	28,831	5.341	1.005	0.029	0.005	0.001
2026	28,831	5.341	1.005	0.058	0.011	0.002
2027	28,831	5.341	1.005	0.086	0.016	0.003
2028	28,831	5.341	1.005	0.115	0.021	0.004
2029	28,831	5.341	1.005	0.144	0.027	0.005
2030	28,831	5.341	1.005	0.173	0.032	0.006
2031	28,831	5.341	1.005	0.202	0.037	0.007
2032	28,831	5.341	1.005	0.231	0.043	0.008
2033	28,831	5.341	1.005	0.259	0.048	0.009
2034	28,831	5.341	1.005	0.288	0.053	0.010

Program: Conservation Research and Development (“R&D”)

Program Start Date: July 1995

Program Description

This program is in response to Rule 25-17.001 (5) (f), F.A.C., that requires aggressive R&D projects be “...an ongoing part of the practice of every well managed utility’s programs.” It is also in support of FPSC Order No. 22176 dated November 14, 1989, requiring utilities to “...pursue research, development, and demonstration projects designed to promote energy efficiency and conservation.” R&D activity will be conducted on proposed measures to determine the impact to the company and its ratepayers and may occur at customer premises, Tampa Electric facilities or at independent test sites. Tampa Electric will report program progress through the annual ECCR True-Up filing.

Program Participation Standards

Tampa Electric will file program standards subsequently with the company’s DSM Plan.

Program Eligible Measures

Most technology measures are eligible for consideration including renewable and green energy sources, energy efficient construction, heat recovery, space conditioning equipment, refrigeration, cooking, fuel cells, ventilation, pumps and fan efficiency, water heating, etc.

Program Costs

Program costs are estimated at \$400,000 per year for a five-year period. Expenses for a given year may exceed \$400,000; however, total program cost shall not exceed \$2,000,000 for the five-year period.

Program Monitoring and Evaluation

Data collected shall be in support of the FPSC cost-effectiveness methodology, specifically, input data for conducting RIM, TRC, and PCT tests. Positive measure evaluation results may support future ECCR program filings by the company.

Program: Renewable Energy Program (Sun to Go)

Program Start Date: December 2006

Program Description

This program provides customers with the option to purchase 200 kWh blocks of renewable energy for five dollars per block to assist in the delivery of renewable energy to the company's grid system. This specific effort provides funding for renewable energy procurement, program administration, evaluation and market research.

Renewable energy participants will be served from the existing electrical system. Renewable energy may not be delivered to the customer but will displace energy that would have otherwise been produced from traditional fossil fuels. Tampa Electric will report program progress through the annual ECCR True-up and Projection Filings.

Program Participation Standards

Program Standards to be submitted 30 days after Commission order approving DSM Plan.

Program Monitoring and Evaluation

Tampa Electric will monitor and evaluate this program and provide reports on the program's progress as required by the Commission in Docket No. 20060678-EG, Order No. PSC-06-1063-TRF-EG, issued December 26, 2006.



Tampa Electric Company

Program Standards

Ten-Year DSM Plan

2025-2034

December 13, 2024

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Program: Residential Walk-Through Audit (Free Energy Check)

Program Participation Standards

1. Participation is available to any residential customer located within Tampa Electric's service area.
2. Program requirements for participation follow guidelines set by Rule 25-17.003, F.A.C.
3. When applicable, customers are qualified for participation in other Tampa Electric conservation programs.
4. There is no payment processing with this program.
5. There are no technical specifications on equipment eligibility with this program.
6. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Program: Residential Customer Assisted Energy Audit

Program Participation Standards

1. Participation is available to any residential customer located within Tampa Electric's service area.
2. This audit will be offered to customers in response to a request for the service; however, it will not be offered in lieu of or used as a prerequisite for on-site audits.
3. There is no payment processing with this program.
4. There are no technical specifications on equipment eligibility with this program.
5. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Program: Residential Computer-Assisted Energy Audit (“RCS”)

Program Participation Standards

1. Participation is available to any residential customer located within Tampa Electric's service area.
2. Program requirements for participation follow guidelines set by Rule 25-17.003, F.A.C.
3. In accordance with Tampa Electric's tariff, the customer is charged \$15.00 for this audit.
4. When applicable, customers are qualified for participation in other Tampa Electric conservation programs.
5. There is no payment processing with this program.
6. There are no technical specifications on equipment eligibility with this program.
7. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Program: Residential Ceiling Insulation

Program Participation Standards

1. Participation is available to any existing residential customer located within Tampa Electric's service area.
2. Rebate paid is \$0.16 per square foot of installed qualifying insulation. Total rebate is based on the total square footage of qualifying insulation installed over conditioned space and may be stacked in increments of R-11.
3. Residence must have electric whole-house air conditioning or heating.
4. Customers must add a minimum insulation value of R-11 based on the manufacturer's specification card.
5. Insulation certificates will be issued through either energy audits or by direct verification of existing levels of insulation. The insulation certificate will be valid for 1 year from the date of issuance. Missing or lost certificates can be reissued and will be valid according to date of the original certificate.
6. The participating contractor will subtract the incentive to be paid by Tampa Electric from the customer's cost of installation.
7. In the event the contractor finds the accessible attic area requiring insulation to differ from that on the issued certificate and the difference would result in a change to the qualifying incentive amount, the contractor is required to provide a detailed explanation to Tampa Electric for this difference.
8. For homeowner installations, it is the homeowner's responsibility to ensure that the installation meets the product manufacturer's specifications, and to ensure that the resulting R-value meets all Tampa Electric specifications.
9. No payment shall be made by Tampa Electric until:
 - Customer or contractor submits a complete and correct insulation certificate and application to Tampa Electric.
 - Installation has passed Tampa Electric's verification process.
10. Tampa Electric will randomly perform field verifications on a minimum of 10 percent of participating homes. Forms not selected for field verification will have an office verification to validate information.
11. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Program: Residential Duct Repair

Program Participation Standards

1. Participation is available to any existing residential customer located within Tampa Electric's service area and the home was constructed and received its certificate of occupancy prior to March 15, 2012. Homes constructed after this date are ineligible for this program.
2. This program is managed through a negotiated agreement between Tampa Electric and participating contractors for typical duct repairs.
3. Typical duct repairs are defined as labor and materials necessary to seal Air Distribution Systems ("ADS") to program standards and do not exceed one sheet of duct board.
4. Customers will pay no more than \$125 per ADS for a standard repair under this program. Any non-standard repair costs will be negotiated between the participating customer and the contractor governed by the agreement between Tampa Electric and contractor.
5. ADS must be accessible for sealing and repair. The ADS is defined as the air handler, air ducts, return plenums, supply plenums and any connecting structure.
6. ADS certificates will be issued through either energy audits or by direct verification of existing ADS. The ADS certificate will be valid for 1 year from the date of issuance. Missing or lost certificates can be reissued and will be valid according to date of the original certificate.
7. Residences must have a working central ducted HVAC system with electric heating or air conditioning. Residences with non-electric heating are eligible. Conditions precluding participation will be initially identified.
8. Residences that have participated in Tampa Electric's duct repair programs or new construction programs where the rebate paid included sealing the ADS are not eligible.
9. Tampa Electric will appoint a participating licensed HVAC contractor to seal and repair existing ADS. HVAC contractor will seal and repair all accessible components of the ADS in the residence.
10. Sealing and repairs to ADS will use mastic techniques (adhesive with fibers embedded or adhesive with fabric reinforced tape). Air handler panels/openings will be sealed with tape or other approved materials. If ducts are replaced, mastic must be used to seal all joints, connections and

seams in the ADS.

11. No payment shall be made by Tampa Electric until:
 - Contractor submits a complete and correct invoice for repairs with correct ADS certificate to Tampa Electric.
 - Installation has passed Tampa Electric's verification process.
12. Tampa Electric will randomly perform field verifications on a minimum of 10 percent of the participating residences. Work orders not selected for field verification will have an office verification to validate information.
13. There are no technical specifications on equipment eligibility with this program.
14. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Program: Energy and Renewable Education, Awareness and Agency Outreach

Program Participation Standards

1. Participation is available to schools, civic groups, churches, government sponsored public events, homeowner associations, trade shows and professional associations. Energy education, renewable education and awareness presentations will be made. For qualifying agency outreach customers, a participating agency determines the customer's eligibility based on census data and the same standards used to provide other energy assistance.
2. Each presentation will include information that directly relates to recommendations currently provided with Tampa Electric's Energy Audits and information that supports renewable energy awareness.
3. Participating energy-related assistance agencies must be authorized by Tampa Electric to deliver the applicable portion of the program.
4. Residential customers located within Tampa Electric's service area that participate in the energy education and awareness presentation will be provided with an energy efficiency kit at no cost.
5. Qualified residential low income customers referred through an approved agency will be provided with an energy efficiency kit at no cost along with being offered a walk-through energy audit.

Each kit will contain:

- Four light emitting diode (LED) lamps to replace incandescent lamps with similar lumen outputs.
 - Two low-flow faucet aerators.
 - An air filter whistle to remind residents to clean or change filter monthly.
 - A hot water temperature card to check the water heaters temperature setting for opportunity for turn down.
 - A wall plate thermometer to check the accuracy of their existing thermostat setting.
 - No-cost energy efficiency recommendations that can be immediately adopted.
6. Each Tampa Electric customer will only be eligible for one energy efficiency kit from one of the following programs one time each year.
 - Energy and Renewable Education, Awareness and Agency Outreach.
 - Neighborhood Weatherization.

7. To be eligible for participation in the energy education electric vehicle driver's education portion of the program, the participating high school must meet all the following criteria:
 - a. Complete the application.
 - b. Agree that the electric vehicles provided will be used solely for the driver's education program.
 - c. Agree that the school is responsible for the maintenance, operations and insurance of vehicles and the energy used to charge the vehicles.
 - d. Offer driver's education program curriculum during each semester or quarter the school is in session.
 - e. Agree to allow Tampa Electric to install or have charging stations installed on school premises and permit access to charging equipment for periodic inspections and maintenance by Tampa Electric personnel or its designated contractor.
 - f. Agree to allow Tampa Electric to install a recording meter or individual sub-meters on the charging equipment.
 - g. Make space available for an energy education kiosk on campus for energy efficiency and petroleum fuels conservation material.
 - h. Make time available to preview this program to other schools that may participate in the program.
8. Students that solely participate in the energy education electric vehicle driver's education portion of the program are not eligible to receive the energy efficiency kit.
9. Tampa Electric will survey the students that participate in the energy education electric vehicle driver's education portion of the program for verification and validation.
10. Tampa Electric will survey 10 percent of the participating customers for verification and validation.
11. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-up Projection Filings.

Program: ENERGY STAR for New Multi-Family Residences

Program Participation Standards

1. Participation is available to any new multi-family residence located in Tampa Electric's service area. All individual homes within the same facility and each individual home or unit must receive the certificate to qualify.
2. Rebate: \$345 for a qualifying multi-family residence or unit receiving the ENERGY STAR Certificate.
3. The participant must be willing to provide accessibility for a walk through of the home to verify program standards.
4. The builder will be responsible for the installation of qualifying equipment or measures as well as the correction of any items necessary to meet the program standards.
5. No payment shall be made by Tampa Electric until:
 - A complete and correct application has been submitted to Tampa Electric within 90 days of receiving the ENERGY STAR Certificate
 - A copy of the actual ENERGY STAR Certificate for each multi-family residences or unit
 - A certified document showing that all the multi-family residences or units within the same facility qualify
 - Installation has passed Tampa Electric's verification process
6. Tampa Electric will randomly perform field verification on a minimum of 10 percent of the participating multi-family homes or units. Forms not selected for field review will have an office verification to validate information.
7. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Program: ENERGY STAR for New Homes

Program Participation Standards

1. Participation is available to any new residence located in Tampa Electric's service area. The home must receive the certificate to qualify.
2. Rebate: \$425 for a qualifying home receiving the ENERGY STAR Certificate.
3. The participant must be willing to provide accessibility for a walk through of the home to verify program standards.
4. The builder will be responsible for the installation of qualifying equipment or measures as well as the correction of any items necessary to meet the program standards.
5. No payment shall be made by Tampa Electric until:
 - A complete and correct application has been submitted to Tampa Electric within 90 days of receiving the ENERGY STAR Certificate.
 - A copy of the actual ENERGY STAR Certificate.
 - Installation has passed Tampa Electric's verification process.
6. Tampa Electric will randomly perform field verifications on a minimum of 10 percent of the participating homes. Forms not selected for field verification will have an office verification to validate information.
8. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Program: ENERGY STAR Smart Thermostats

Program Participation Standards

1. Participation is available to any existing residential customer located within Tampa Electric's service area.
2. Rebate: up to \$22 per qualifying ENERGY STAR thermostat installed.
3. The qualifying smart thermostats shall be:
 - ENERGY STAR certified
 - New
 - Used or refurbished thermostats are not eligible
 - Commercial customers are not eligible for this program
4. The qualifying air conditioning systems that meet the requirements of the Smart Thermostat Program are:
 - Heat pumps: Split system / Package system
 - A geothermal system
 - A straight cool system with natural gas heating only
 - Window units and mini-split systems are not eligible
5. No payment shall be made by Tampa Electric until:
 - A complete and correct application has been submitted to Tampa Electric within 90 days of installation date.
 - Certification that installed equipment meets program standards.
 - Installation has passed Tampa Electric's verification process.
6. Tampa Electric will randomly perform field or virtual verifications on a minimum of 10 percent of the participating residences. Forms not selected for field verification will have an office verification to validate information.
7. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Program: Residential Heating and Cooling

Program Participation Standards

1. Participation is available to any existing residential customer located within Tampa Electric's service area.
2. Rebate: Tier 1 - \$40 per qualifying unit that meets or exceeds the current DOE energy conservation standard for residential central air conditioners and heat pumps or Florida Building Code by 1 SEER level or by 1 SEER2 level.

Tier 2 - \$550 per qualifying unit that meets or exceeds the current DOE energy conservation standard for residential central air conditioners and heat pumps or Florida Building Code by 2 SEER levels or by 2 SEER2 levels.

Rebate tiers are not stackable.

3. The qualifying air conditioning systems that meet the requirements of the Heating and Cooling Program are:
 - a. Heat pumps with an ARI SEER rating that exceeds the current DOE energy conservation standard for residential central air conditioners and heat pumps or Florida Building code, whichever is higher by equal to or greater than 1.00 for Tier 1, or greater than or equal to 2.00 for Tier 2.
 - b. A geothermal system with an ARI SEER rating that exceeds the current DOE energy conservation standard for residential central air conditioners and heat pumps or Florida Building code, whichever is higher by equal to or greater than 1.00 for Tier 1, or greater than or equal to 2.00 for Tier 2 utilizing an EER conversion of 0.8.
 - c. A straight cool system with natural gas heating only with an ARI SEER rating that exceeds the current DOE energy conservation standard for residential central air conditioners and heat pumps or Florida Building code, whichever is higher by equal to or greater than 1.00 for Tier 1, or greater than or equal to 2.00 for Tier 2.
4. Oil or electric resistance heat cannot be the primary heat source.
5. For a heat pump, the supplemental strip heating physically contained in the system shall be in accordance with the following nominal tonnage:
 - Up to 2.5 tons HVAC units: up to 5.0 kW.
 - 3 through 4.5 tons, HVAC units: up to 8.0 kW.
 - 5 ton HVAC units: up to 10 kW.
6. No payment shall be made by Tampa Electric until:
 - A complete and correct application has been submitted to Tampa Electric within 90 days of installation date.

- HVAC contractor certification that installed equipment meets program standards.
 - Installation has passed Tampa Electric's verification process.
7. Tampa Electric will randomly perform field or virtual verifications on a minimum of 10 percent of the participating residences. Forms not selected for field or virtual verification will have an office verification to validate information.
 8. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Program: Neighborhood Weatherization

Program Participation Standards

1. Participation is available to any qualified residential customer located within Tampa Electric's service area. Census data will be utilized to identify qualified residential blocks of low-income customers.
2. Homes that have previously participated in the company's weatherization program are not eligible.
3. Tampa Electric will deliver the following applicable measures to participating customers at no cost.
 - Residential Walk-Through Audit (Free Energy Check)
 - Duct Sealing
 - ADS must be accessible for sealing and repair. The ADS is defined as the air handler, air ducts, return plenums, supply plenums and any connecting structure.
 - Residences must have a working central ducted HVAC system with electric heating or air conditioning. Residences with non-electric heating are eligible. Conditions precluding participation will be initially identified.
 - Tampa Electric will appoint a participating HVAC contractor to seal and repair existing ADS, including repairing up to one damaged duct run. HVAC contractor will seal and repair all accessible components of the ADS in the residence.
 - This measure is managed through a negotiated agreement between Tampa Electric and participating contractors for typical duct repairs.
 - Typical duct repairs are defined as labor and materials necessary to seal ADS to measure standards and do not exceed replacement of one continuous flex duct and/or one sheet of duct board.
 - Sealing and repairs to ADS will use mastic techniques (adhesive with fibers embedded or adhesive with fabric reinforced tape). Air handler panels/openings will be sealed with tape or other approved materials. If ducts are replaced, mastic must be used to seal all joints, connections and seams in the ADS.
 - Ceiling Insulation
 - An additional R-13 of ceiling insulation where the existing insulation is less than R-19. Any home where roof pitch limits accessibility, a lower R-value may be installed. Homes must have electric whole house air conditioning or heating.
 - Energy Efficiency Kit which will contain:
 - Six light emitting diode (LED) lamps to replace incandescent bulbs with similar lumens output.
 - The installation of up to three low flow faucet aerators per household. Each aerator will be rated at 1 gallon per minute ("GPM").

- The installation of up to two low flow showerheads per household. The showerhead will be rated at 1.5 GPM.
 - A brush for cleaning the refrigerator coil. The brush will be left at the residence and the customer will be educated on proper cleaning techniques.
 - A temperature check and adjustment for water heaters.
 - The installation of one switch cover wall plate thermometer will be provided per home.
 - The installation of a maximum of two HVAC weather stripping kits where there are only wall/window air conditioning units in use.
 - For central HVAC units, a filter whistle will be provided to help remind the resident to clean or change filter monthly.
 - The installation of weather stripping, caulk and foam sealant to reduce or stop air infiltration around doors, windows, attic entries and where pipes enter the home.
4. Each customer will only be eligible for one Energy Efficiency Kit from one of the following programs one time each year:
- Energy and Renewable Education, Awareness and Agency Outreach.
 - Neighborhood Weatherization.
5. No payment shall be made by Tampa Electric until:
- Contractor submits a complete and correct invoice to Tampa Electric.
 - Installation has passed Tampa Electric's verification process.
6. Tampa Electric will randomly perform field verifications on a minimum of 10 percent of the participating residences. Work orders not selected for field verification will have an office verification to validate information.
7. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Program: Price Responsive Load Management (Energy Planner)

Program Participation Standards

1. Applicable to any residential customer located in Tampa Electric’s service area. Customers must sign applicable tariff agreement.
2. Customers participating on Tampa Electric’s Net Metering program or Residential Prime Time Plus may not participate in Energy Planner.
3. Customers who opt out of an AMI meter do not qualify.
4. Residence must have a central heating and cooling system. Window units are not eligible.
5. Residence must be capable of meeting communication strength standards for energy management equipment and compatible with the company’s communication technology protocol.
6. Electric water heaters, pool pumps or other devices controlled by equipment provided through the program must be no larger than 30 amps and 240 volts and must be compatible with the program management equipment.
7. Level 2 electric vehicle chargers controlled by equipment provided through the program must be between greater than 30 but less than 50 amps and 240 volts.
8. Existing metering equipment must be compatible with the program management equipment.
9. Summer rate period – May 1 through October 31.
10. Summer rate tiers will occur during the following times.

Week days	P 1	11 P.M. to 6 A.M.
	P 2	6 A.M. to 1 P.M.
		6 P.M. to 11 P.M.
	P 3	1 P.M. to 6 P.M.
Weekends	P 1	11 P.M. to 6 A.M.
	P 2	6 A.M. to 11 P.M.
11. Winter rate period – November 1 through April 30.
12. Winter rate tiers will occur during the following times.

Week days P 1 11 P.M. to 5 A.M.
P 2 5 A.M. to 6 A.M.
10 A.M. to 11 P.M.
P 3 6 A.M. to 10 A.M.

Weekends P 1 11 P.M. to 6 A.M.
P 2 6 A.M. to 11 P.M.

13. The pricing period for the following observed holidays will be the same as the weekend hour price levels: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.
14. Critical price period (P 4) can occur at any time but will be limited to 1.5 percent of the year.
15. There are no customer participation fees for this program.
16. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Program: Residential Prime Time Plus

Program Participation Standards

1. Applicable to any residential customer located in Tampa Electric's service area. Customers participating on the Residential Price Responsive Load Management (Energy Planner) Program may not participate.
2. Customers who opt out of an AMI meter may not participate.
3. Customer owned equipment must be in proper operating order and compatible with the company's communication technology protocol.
4. Qualifying equipment includes:
 - Electric Water Heater
 - Central Air Conditioning
 - Central Heating/Heat Pump
 - Swimming Pool Pump
 - Level 2 Electric Vehicle Chargers
5. Electric water heaters and pool pumps controlled by equipment provided through the program must be no larger than 30 amps and 240 volts.
6. Level 2 electric vehicle chargers controlled by equipment provided through the program must be between greater than 30 but less than 50 amps and 240 volts.
7. Level 1 electric vehicle chargers (120V) do not qualify.
8. Residence must be capable of meeting communication strength standards for energy management communications and/or energy management equipment.
9. Tampa Electric will install energy management equipment at customer electric water heaters, pool pumps, and level 2 electric vehicle chargers to communicate demand response signals.
10. A Tampa Electric owned thermostat will be installed for central heating and cooling participation and must be compatible with the customer's unit.
11. Customer will be provided a secure portal to program to provide the ability to monitor thermostat operations.
12. Incentives will be applied as follows and per unit. Any combination of customer owned qualifying appliances listed below may be selected.
 - Electric Water Heater – \$ 6.00

- Central Air Conditioning – \$ 12.00
 - Central Heating/Heat Pump – \$ 12.00
 - Swimming Pool Pump – \$ 3.00
 - Level 2 Electric Vehicle Charger – \$9.00
13. Summer incentives will be applied May-October; Winter incentives will be applied November-April.
 - Electric Water Heater will receive incentives year-round
 - Central Air Conditioning will receive incentives May-October
 - Central Heating/Heat Pump will receive incentives November-April
 - Swimming Pool Pumps will receive incentives year-round
 - Level 2 Electric Vehicle Charger will receive incentives year-round
 14. Customer requests to opt out of a load control event will be initiated by the customer calling customer program support. One opt-out per control event per season will be permitted. Opt-outs in excess of that will result in the customer forfeiting the monthly incentive until the next participation in a control or for the remainder of the current season, whichever is shorter.
 15. Incentives will commence once the equipment is installed.
 16. Customers must consume a minimum of 400 kWh in a given month to receive the incentives for that month.
 17. Control events for participating appliances could occur at any time due to emergencies on the Company's system, other requests for emergency power, or for economic dispatch.
 18. Multiple control events could occur in the same day; however, the total duration will not exceed eight hours for Central Air Conditioning, Central Heating/Heat Pump or Swimming Pool Pumps. Electric Water Heater control frequency and duration is unlimited to support solar generation frequency control.
 19. Annual control hours will not exceed 134; excluding electric water heaters.
 20. There are no customer participation fees for this program.
 21. Customer requests to be removed from the program will result in suspension of incentives. Customers are required to grant Tampa Electric access within 60 days to remove Company owned equipment from the residence.

22. Customers who request to be removed from the program are not eligible to resume participation at the same residence for a year.
23. Customers are required to notify Tampa Electric company if participating appliances are in disrepair or are replaced. The Customer is required to grant Tampa Electric access within 30 days to either remove Company owned equipment from the residence or reconnect the new appliance to the energy management equipment.
24. Customers must provide access to Tampa Electric owned equipment for inspections and/or replacement. Failure to provide access will result in suspension from the program and corresponding incentives will cease.
25. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Program: Commercial/Industrial Audit (Free)

Program Participation Standards

1. Participation is available to any commercial/industrial customer located within Tampa Electric's service area.
2. Program requirements for participation follow guidelines set by Rule 25-17.003, F.A.C.
3. When applicable, customers are qualified for participation in other Tampa Electric conservation programs.
4. There is no payment processing with this program.
5. There are no technical specifications on equipment eligibility with this program.
6. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Program: Comprehensive Commercial/Industrial Audit (Paid)

Program Participation Standards:

1. Participation is available to any commercial/industrial customer located within Tampa Electric's service area.
2. Program requirements for participation follow guidelines set by Rule 25-17.003, F.A.C.
3. When applicable, customers are qualified for participation in other Tampa Electric conservation programs.
4. The customer charge per audit is as follows:
 - \$15.00 for customers on Rate Schedules GS or GST.
 - \$45.00 for customers on Rate Schedules GSD, GSDD, SBF, SBFT, IS, IST and SBI whose monthly demands are less than 1,000 kW.
 - \$75.00 for customers on Rate Schedules GSD, GSDD, SBF, SBFT, IS, IST and SBI whose monthly demands are 1,000 kW or higher.
5. Additional charges may apply for the following reasons:
 - Monitoring and verification analysis.
 - Time and depth of monitoring.
 - Level of expertise provided by analyst.
6. Recommendations may be made as a result of these audits that will require additional analysis and evaluation. When this occurs, the customer should contact an outside consultant or contractor for further study. If the customer requests Tampa Electric to perform the additional evaluation, the customer will be notified of the incremental testing costs and agree to the procedure and expense before testing begins.
7. Upon completion of the audit, the customer is provided a copy of the audit and an audit invoice or, upon request, key management personnel are presented with the results of the audit.
8. There is no payment processing with this program.
9. There are no technical specifications on equipment eligibility with this program.
10. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Program: Commercial / Industrial Custom Energy Efficiency

Program Participation Standards

1. Participation is available to commercial/industrial customers located in Tampa Electric's service area.
2. Tampa Electric will determine rebate qualification and amount by using the FPSC cost-effectiveness RIM and PCT tests as described in Rule 25-17.008, F.A.C. The cost-effectiveness tests will be performed using the same inputs that establishes the program in during the DSM goals setting. The rebate amount will be set at the level of a two-year simple payback or a RIM score of 1.01, whichever is more restrictive.
3. Customer's simple payback period, including rebates, shall not be less than two years. In the event the level of rebate determined would reduce the simple payback of the project to less than two years, the level of rebate will be adjusted so that the simple payback of the project with the rebate applied is 2.00 years. At no time will a rebate be paid if the project by itself has a simple payback of less than two years. Demand reduction will be calculated based on Tampa Electric's system peaks for winter and/or summer. Summer peak is identified as August at 5:00 PM Monday through Friday. Winter peak is identified as January at 7:00 A.M. Monday through Friday.
4. A minimum of one kW summer and/or winter demand reduction is required.
5. Measure eligibility:
 - a. Eligible Measures: Most commercially available and accepted demand reduction technologies are eligible for consideration including, but not limited to, reflective roof treatment, duct sealing, air sealing, refrigeration measures, non-conventional cooling systems, and other measures not covered by any other Tampa Electric approved conservation program.
 - b. Measure eligibility will be determined based on a project evaluation by Tampa Electric's Commercial Energy Analyst
 - c. Ineligible Measures: This would include measures potentially in conflict with environmental regulations (CFCs, water conservation, indoor air quality, paint on roof products), on-site generation, emergency generation and cogeneration. If a measure qualifies for two rebates and/or incentives (Tampa Electric and another utility company), Tampa Electric will not pay its rebate so that a double payment is avoided. Additionally, customers that make operational (behavioral) modifications are not eligible.
 - d. Any measure undergoing R&D evaluations is not eligible.
6. Measures must comply with all applicable codes.

7. The baseline for measure evaluation will be the existing equipment efficiency unless the measure is covered by a minimum product standard or code for efficiency.
8. For Tampa Electric to consider measures for potential program participation, the customer must submit their proposal along with a project specification and/or preliminary engineering analysis with relevant demand and energy calculations prior to the purchase of the measure or any equipment necessary for the measure for operation. The engineering analysis may require a professional seal. Additional documentation or data may be requested if needed.
9. Measures producing a demand reduction of equal to or less than 50 kW will be issued a rebate after field verification.
10. Measures producing a demand reduction greater than 50 kW which have demonstrated 90 days of successful continued operation will receive 50 percent of the calculated rebate amount after field verification. The remaining rebate will be dispensed at the end of one year following final field verification for successful operation. The total amount of rebate determined may be adjusted based upon the actual performance of the measure.
11. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Program: Demand Response

Program Participation Standards

1. Participation is available to firm commercial/industrial customers located in Tampa Electric's service area.
2. The customer incentive will be paid by Tampa Electric's vendor facilitating the program and be based on the monthly kW load reduction available at the customer's facility.
3. Participant must not be on any other Tampa Electric load control program.
4. Participant must provide a minimum of 25 kW of transferable load, aggregation of load from more than one facility is not eligible to meet this minimum transferable load threshold.
5. Generator installation and operation must comply with all applicable regulations, including air emission guidelines and EPA's rules.
6. Facilities that opt out of having an AMI meter are not eligible for participation.
7. Participant will sign an agreement with vendor to participate in the program.
8. Depending on customer metering, pulse initiated metering may be necessary at the customer facility.
9. Tampa Electric will perform field verifications on all installations.
10. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Program: Industrial Load Management (GSLM 2&3)

Program Participation Standards

1. Participation is available to commercial/industrial customers located in Tampa Electric's service area with interruptible loads of 500 kW or greater and who sign a tariff agreement for the Purchase of Industrial Load Management or the Purchase of Industrial Standby and Supplemental Load Management Service.
2. Additional monthly customer charge is \$200.00.
3. The initial term of service shall be 36 months. The term shall be automatically extended after the end of the initial term subject to notice requirements. In addition to committing to take service for an initial term of 36 months, the customer is required to give the company prior written notice of desire to cease service under this program of at least 36 months. Such notice shall be irrevocable unless the company and the customer should mutually agree to void the notice.
4. Customers served under this program may elect to have Tampa Electric minimize interruption through purchases of energy through the procedure described below. Such election must be made in writing to the Company and shall remain in effect until such time that the Company is notified in writing that the customer no longer desires that such procedure be employed by the Company.
 - a. During periods when the Company would otherwise interrupt customers served under this program, the Company will attempt to purchase sufficient energy from other systems to prevent, in whole or in part, such interruptions. The customer agrees that whenever the Company is successful in making such purchases, the customer will pay as part of its monthly service bill, and extra per kilowatt-hour for each kilowatt-hour consumed during the time of such purchase. The extra charge per kilowatt-hour shall be the amount per kilowatt-hour paid to the outside source less the amount per kilowatt-hour otherwise billed under this program, plus 3 mills (\$0.003) per kilowatt-hour.
5. The Contracted Credit Value ("CCV") paid for this service shall be established every year and identified in the company's annual ECCR Projection Filing.
6. The Initial Term of service for this program is 36 months and the CCV lock in period is 72 months. When the customer's Initial Term of service runs out, that customer may commit to a new term of service of 36 months and their then current CCV will continue for the next 36 month term for a total application of that CCV of 72 months. At the end of 72 months, that customer

may commit to another new term of service for 36 months and if so their new CCV shall be established at the level of the one on file at that time at the FPSC and will remain in effect for next 72 months, should they elect after 36 months for another new term of service. At any time, at the customer's discretion, the customer may request establishing a new CCV for their service and the CCV applied will be the one then on file at the FPSC. As a result of any such request, the new 72 month CCV will be applied along with a new term of service for 36 months that shall be established for that customer.

7. Tampa Electric will perform field verifications on all installations.
8. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Program: Lighting Conditioned Space

Program Participation Standards

1. Participation is available to existing commercial/industrial customers located in Tampa Electric's service area.
2. The rebate is eligible for existing lighting systems being retrofitted or upgraded to a more energy efficient lighting system. The new lighting system must be LED. New construction lighting systems are not eligible for this rebate.
3. Existing T12 fixtures will be rebated based off of an equivalent T8 wattage, which will be evaluated and approved by a Commercial Analyst.
4. Retrofit upgrades to LED within refrigerated display cases are eligible.
5. Retrofit upgrades shall be permanent and direct wired installations. Standalone lamp replacements do not qualify.
6. Lighting system enhancements that provide energy savings solely due to behavior or operating hour changes are not eligible for this rebate.
7. Lighting systems that provide energy savings from add-on enhancement are not eligible for this rebate.
8. De-lamping is eligible for this rebate provided all of the following conditions are met:
 - a. The lighting levels recommended by the Illuminating Engineering Society of North America ("IESNA") for that space type must be met.
 - b. The post-retrofit lighting levels as measured at the working surface by a footcandle meter must be equal to or greater than the pre-retrofit lighting levels.
 - c. All unused fixtures, lamp holders and ballasts must be removed from the space.
9. Rebate: \$0.400 per Watt reduction up to 50 percent of the project cost.
10. All lighting retrofit projects are subject to evaluation and approval by Tampa Electric prior to any rebate payment. A pre-approval certificate is issued by a Tampa Electric Representative. The application and pre-approval certificate will be valid for one year from the date of issuance. Missing or lost certificates can be reissued and will be valid according to the date of the original certificate.
11. No payment shall be made by Tampa Electric until:

- a. Pre-verification has been performed and approved by Tampa Electric.
 - b. Contractor or customer submits a complete and correct application to Tampa Electric.
 - c. Application must include:
 - Signature of customer certifying installed equipment meets program standards.
 - Purchase receipt(s) and invoice(s) with itemized inventory of installed equipment detailing, equipment purchased, purchase price, date of purchase, quantity of equipment purchased.
 - d. Installation has passed Tampa Electric's verification process.
12. Tampa Electric will randomly perform field verifications on a minimum of 10 percent of the participating customers. Applications not selected for field verification will have an office verification to validate information.
13. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Program: Lighting Non-Conditioned Space

Program Participation Standards

1. Participation is available to existing commercial/industrial customers located in Tampa Electric's service area.
2. The rebate is eligible for existing lighting systems being retrofitted or upgraded to a more energy efficient lighting system. The new lighting system must be LED. New construction lighting systems are not eligible for this rebate.
3. Upgrading T12 lighting systems, de-lamping, stadium lighting, sports field lighting, flagpole, signage and landscape lighting are not eligible for this rebate.
4. Retrofit upgrades shall be permanent and direct wired installations. Standalone lamp replacements do not qualify.
5. Lighting system enhancements that provide energy savings solely due to behavior or operating hour changes are not eligible for this rebate.
6. Lighting systems that provide energy savings from add-on enhancement are not eligible for this rebate.
7. Rebate: \$0.350 per Watt reduction up to 50 percent of the project cost.
8. All lighting retrofit projects are subject to evaluation and approval by Tampa Electric prior to any rebate payment. A pre-approval certificate is issued by a Tampa Electric Representative. The application and pre-approval certificate will be valid for one year from the date of issuance. Missing or lost certificates can be reissued and will be valid according to the date of the original certificate.
9. No payment shall be made by Tampa Electric until:
 - a. Pre-verification has been performed and approved by Tampa Electric.
 - b. Contractor or customer submits a complete and correct application to Tampa Electric.
 - c. Application must include:
 - Signature of customer certifying installed equipment meets program standards.
 - Purchase receipt(s) and invoice(s) with itemized inventory of installed equipment detailing, equipment purchased, purchase price, date of purchase, quantity of equipment purchased.
 - d. Installation has passed Tampa Electric's verification process.

10. Tampa Electric will randomly perform field verifications on a minimum of 10 percent of the participating customers. Applications not selected for field verification will have an office verification to validate information.
11. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Program: Lighting Occupancy Sensors

Program Participation Standards

1. Participation is available to any existing commercial/industrial customer located within Tampa Electric's service area.
2. Facilities that have a floor area greater than or equal to 5,000 square feet and were constructed after March 15, 2012 are not eligible for this program.
3. Rebate: \$26 per kW of lighting controlled up to but not to exceed 50 percent of purchase price.
4. All installations must exceed current Florida Building Code.
5. Occupancy sensor installation shall be hardwired and permanent. Sensors must be new and installed in a manner that meets or exceeds applicable code. Plug based occupancy sensors are not eligible for rebate.
6. A pre-approval certificate must be issued by a Tampa Electric Representative prior to installation. The application and pre-approval certificate will be valid for one year from the date of issuance. Missing or lost certificates can be reissued and will be valid according to the date of the original certificate.
7. No payment shall be made by Tampa Electric until:
 - a. Pre-verification has been performed and approved by Tampa Electric.
 - b. Contractor or customer submits a complete and correct application to Tampa Electric.
 - c. Application must include:
 - Signature of customer certifying installed equipment meets program standards.
 - Purchase receipt(s) and invoice(s) with itemized inventory of installed equipment detailing, equipment purchased, purchase price, date of purchase, quantity of equipment purchased.
 - Associated wiring diagram or control map for the lighting system.
 - d. Installation has passed Tampa Electric's verification process.
8. Tampa Electric will randomly perform field verifications on a minimum of 10 percent of the participating customers. Applications not selected for field verification will have an office verification to validate information.
9. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Program: Commercial Load Management (GSLM 1)

Program Participation Standards

1. Participation is available to any commercial/industrial customers on firm rates located in Tampa Electric's service area.
2. Cyclic air-conditioning control is applicable to any customer served under rate schedule GS or GSD.
3. Extended control is applicable to any customer under rate schedule GS, GST, GSD, or GSDT that signs a tariff agreement for load management service.
4. Incentive: Cyclic control receives \$5.00 per kW demand reduction per month during the summer; extended control receives \$5.50 per kW demand reduction per month annually. Both incentives are applied to the customer's monthly bill.
5. Summer is April through October. Winter is November through March.
6. The company's prime use periods for normal control of the customer's equipment are as follows:
 - Summer - 2:00 P.M. to 10:00 P.M.
 - Winter - 6:00 A.M. to 11:00 A.M. and 6:00 P.M. to 10:00 P.M.
7. For cyclic control, the incentive is based on the nameplate electrical capacity of the controlled equipment.
8. For extended control, the incentive is based on the difference between the average hourly demand registered on the meter during the non-interrupted hours of the prime use periods and the average hourly demand registered during the interrupted hours.
9. Tampa Electric will perform field verifications on all installations.
10. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Program: Standby Generator

Program Participation Standards

1. Participation is available to commercial/industrial customers located in Tampa Electric's service area with on-site emergency, backup or standby generation.
2. Customers must submit the following to be considered for eligible participation in this program:
 - Signed tariff agreement.
 - Submit a completed application.
 - Submit a wiring diagram showing the connection point within the electrical system of the facility and in relation to the facilities main service.
 - Signed agreement to perform a load test during Tampa Electric's peak hours.
 - Signed agreement that Tampa Electric's metering, control, and communication equipment can be accessed at any time for maintenance and verification.
3. The normal facility load that can be served by the generator(s) must meet the following conditions:
 - Minimum of 25 kW demand of load transferred to generator(s), aggregation of load from more than one facility is not eligible to meet this minimum transferable load threshold.
 - Minimum of 50 percent load factor during Tampa Electric's designated peak periods.
 - Generator installation and operation must comply with all applicable regulations, including air emission guidelines and EPA's rules.
4. The initial transferable demand will be determined by a load test at the facility. No incentives will be paid until after this determination is performed.
5. The transferable demand cannot exceed the full load nameplate rating of the generator.
6. The transferable demand may be adjusted based upon one or more of the following conditions:
 - The actual transferred demand when participating either through a control or through a notch test is more than ten percent higher or lower than the initial load test.
 - Failure to participate in any control request or notch test.
 - The customer's demand during the company's peak hours drops below the transferable load determined by the initial or subsequent load tests.

- If transferrable load exceeds the billing kW in any given month.
7. The customer may request in writing that a load test be performed to determine a new transferable demand no more than once per year.
 8. Incentive: \$6.15 per month per qualifying kW of average transferable demand of a customer's load to a standby generator(s) during the company's prime use periods.
 9. Tampa Electric reserves the right to perform periodic notch tests of the system to verify the amount and availability of the transferable load amount. Notch tests will be treated as control requests.
 10. Tampa Electric reserves the right to suspend incentives or remove customers from the program for non-compliance.
 11. The company's prime use periods for normal transfer of the customer's load are as follows:
 - Summer - 2:00 P.M. to 10:00 P.M.
 - Winter - 6:00 A.M. to 11:00 A.M. and 6:00 P.M. to 10:00 P.M.
 12. Summer is April through October. Winter is November through March.
 13. The customer response time for load transfer to the generator(s) is a maximum of 30 minutes from time of notification.
 14. Customers are responsible for wiring changes and controls necessary for their generator(s) to perform in accordance with program standards.
 15. Tampa Electric will perform field verifications on all installations.
 16. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Program: VFD and Motor Controls

Program Participation Standards

1. Participation is available to any commercial/industrial customers located in Tampa Electric's service area.
2. Qualifying frequency drives must be new; used or refurbished equipment are not eligible.
3. Rebates will be paid based upon the Horse Power ("HP") being controlled and are paid \$75 per HP.
4. Qualifying variable frequency drive equipment must be electric and can include the following:
 - Commercial cooling units
 - Commercial chiller systems
 - Commercial HVAC pumps
 - Commercial refrigeration systems
 - Compressed air systems
 - Variable air volume systems
 - Demand circulating system
 - Escalator motors
 - High efficiency exhaust hoods
5. No payment shall be made by Tampa Electric until:
 - a. Contractor or customer submits a complete and correct application to Tampa Electric within one year of the installation date.
 - b. Tampa Electric reserves the right to require additional information from the customer regarding the variable frequency drive equipment and purchase prior to any rebate being paid.
 - c. Installation has passed Tampa Electric's verification process.
6. Application must include:
 - a. Signature of customer certifying installed equipment meets all program standards.
 - b. Purchase receipt(s) and invoice(s) with itemized inventory of installed equipment detailing, equipment purchased, purchase price, date of purchase, quantity of equipment purchased and proof of payment.
 - c. The application remains valid for one year from the date of the assigned project identification number.
1. Tampa Electric will randomly perform field verifications on a minimum of 10 percent of the participating customers. Applications not selected for field verification will have an office verification performed.

2. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True - Up and Projection Filings.

Program: Commercial Heat Pump Water Heater and Drain Heat Recovery

Program Participation Standards

Participation is available to any commercial/industrial customers located in Tampa Electric's service area.

1. Commercial and industrial Heat Pump Water Heaters ("HPWH") to be eligible must meet all of the following:
 - Be new and not refurbished or previously installed or used.
 - Be Energy Star Certified or have a minimum coefficient of performance of 3.00
 - Must be ANSI/AHRI 1300 and ASHRAE 118.1 certified.
 - Commercial and industrial Drain Water Heat Recovery Units must be recovered from an electrical heated source.
2. Installing contractor or customer must be a licensed general contractor, mechanical contractor, air-conditioning contractor, or plumbing contractor and must adhere to all local, state, and federal codes for the specific installation.
3. Rebate: \$10 per Btu up to a maximum rebate of 50 percent of the equipment cost.
4. The water heating system must be electric and used to supply heated water to meet domestic or process water needs.
5. The customer's facility utilizing the water heating equipment must operate during Tampa Electric's peak summer hours (2:00 P.M. to 10:00 P.M.), April through October and winter hours (6:00 A.M. to 11:00 A.M. and 6:00 P.M. to 10:00 P.M.), November through March.
6. No payment shall be made by Tampa Electric until:
 - a. Contractor or customer submits a complete and correct application to Tampa Electric.
 - b. Application must include:
 - Signature of customer certifying installed equipment meets program standards.
 - Purchase receipt(s) and invoice(s) with itemized inventory of installed equipment detailing, equipment purchased, purchase price, date of purchase, quantity of equipment purchased.
 - c. Installation has passed Tampa Electric's verification process.
7. Tampa Electric will randomly perform field verifications on a minimum of 10 percent of the participating customers. Applications not selected for field verification will have an office verification performed.

8. The reporting requirements for this program will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.

Program: Conservation Research and Development (“R&D”)

Program Participation Standards

Measures for R&D can be residential or commercial in nature and may be either new in the marketplace or existing measures which meet the criteria below:

- The proposed measure has the potential to affect Tampa Electric or its ratepayers.
- Sufficient data is not currently available to evaluate the impact of the proposed measure.
- Data on the proposed measure is available but is not relevant to the central Florida climate zone.

Eligible Measures

Most technology measures are eligible for consideration including renewable and green energy sources, energy efficient construction, heat recovery, space conditioning equipment, refrigeration, cooking, fuel cells, ventilation, pumps and fan efficiency, thermal energy storage systems, water heating, etc.

Program: Renewable Energy (Sun to Go)

Program Participation Standards

1. Participation is available to any customer located within Tampa Electric's service area.
2. Customers may purchase unlimited blocks of renewable energy. One block of renewable energy is defined as 200 kWh.
3. The cost per block of renewable energy is \$5.00 and will be included in the customer's monthly electric bill.
4. Customer may make a one-time purchase of renewable energy for a designated event.
5. Service under this rate may be terminated by the customer with a two-month notice.
6. There are no technical specifications on equipment eligibility with this program.
7. The reporting requirements will follow Rule 25-17.0021 (5), F.A.C. Additionally, program expenses will be identified in the ECCR True-Up and Projection Filings.