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August 31, 2020

VIA: ELECTRONIC FILING

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

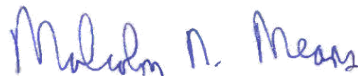
Re: Energy Conservation Cost Recovery Clause
FPSC Docket No. 20200002-EG

Dear Mr. Teitzman:

Attached for filing the above-styled docket is Tampa Electric Company's Program Standards – 2020-2029 Demand Side Management Plan.

Thank you for your assistance in connection with this matter.

Sincerely,



Malcolm N. Means

MNM/bmp
Attachment

cc: All Parties of Record (w/attachment)



Tampa Electric Company

Program Standards

Ten-Year DSM Plan

2020-2029

August 31, 2020

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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. Residences that have previously participated in any of Tampa Electric's ceiling insulation programs, new construction programs or have made room additions are not eligible to participate.
2. Rebate paid is \$0.15 per square foot of installed qualifying insulation. Total rebate is based on the total square footage of qualifying insulation installed over conditioned space.
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. Resulting total R-values achieved must be greater than or equal to R-30, unless spray foam is used where an R-value greater than or equal to R-20 will be acceptable. Where roof pitch limits accessibility, a resulting R-value of R-19 will be acceptable.
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: \$300 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: \$1,000 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 Pool Pumps

Program Participation Standards

1. Participation is available to any existing residential customer located within Tampa Electric's service area.
2. Rebate: up to \$350 per qualifying residential ENERGY STAR pool pump installed.
3. The qualifying pool pump shall be:
 - ENERGY STAR certified
 - New
 - For in-ground pools or spas
 - Used, rewound or refurbished pool pumps are not eligible
 - Commercial customers are not eligible for this program
4. 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.
5. Tampa Electric will randomly perform field 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.
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: 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 \$50 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 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: \$135 per qualifying Heat Pump installed.
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.
 - 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 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.
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 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.

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. 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.
 - The installation of a water heater wrap for an electric water heater manufactured prior to 1996.
 - 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 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. Existing metering equipment must be compatible with the program management equipment.
8. Summer rate period – May 1 through October 31.
9. 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.
10. Winter rate period – November 1 through April 30.
11. 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.

12. 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.
13. Critical price period (P 4) can occur at any time but will be limited to 1.5 percent of the year.
14. There are no customer participation fees for this program.
15. 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 Net Metering or 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
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. Residence must be capable of meeting communication strength standards for energy management communications and/or energy management equipment.
7. Tampa Electric will install energy management equipment at customer electric water heaters and pool pumps to communicate demand response signals.
8. A Tampa Electric owned thermostat will be installed for central heating and cooling participation and must be compatible with the customer's unit.
9. Customer will be provided a secure portal to program to provide the ability to monitor thermostat operations.
10. Incentives will be applied as follows and per unit. Any combination of customer owned qualifying appliances listed below may be selected.
 - Electric Water Heater – \$ 3.00
 - Central Air Conditioning – \$ 6.00
 - Central Heating/Heat Pump – \$ 6.00
 - Swimming Pool Pump – \$ 3.00

11. 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
12. Customer requests to opt out of a load control event will be initiated by the customer through their secure portal. One opt-out per control event per year 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.
13. Incentives will commence once the equipment is installed.
14. Customers must consume a minimum of 400 kWh in a given month to receive the incentives for that month.
15. 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.
16. 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.
17. Annual control hours will not exceed 134; excluding electric water heaters.
18. There are no customer participation fees for this program.
19. 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.
20. Customers who request to be removed from the program are not eligible to resume participation at the same residence for a year.
21. 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.

22. 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.
23. This program will begin implementation upon the completion of Tampa Electric's AMI deployment.
24. 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 Window Replacement

Program Participation Standards

1. Participation is available to any existing residential customer located within Tampa Electric's service area.
2. Rebate: \$0.76 per square foot of qualifying window replacement installed.
3. Residence must have electric whole-house air conditioning or heating.
4. Qualifying windows must be National Fenestration Rating Council ("NFRC") rated with an NFRC label with a solar heat gain coefficient less than or equal to 0.35 and a U-Factor less than or equal to 0.60.
5. Sliding glass doors are eligible.
6. Rebate requests will only be considered for new windows not previously replaced or rebated.
7. 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.
 - A copy of the itemized window invoice submitted to Tampa Electric along with window specifications.
 - Installation has passed Tampa Electric's verification process.
8. Tampa Electric will randomly perform field verifications on a minimum of 10 percent of participating residences. Forms 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/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, GSDT, SBF, SBFT, IS, IST and SBI whose monthly demands are less than 1,000 kW.
 - \$75.00 for customers on Rate Schedules GSD, GSDT, 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 Chiller

Program Participation Standards

1. Participation is available to any commercial/industrial customer located within Tampa Electric's service area.
2. Rebate: \$50 per kW reduction over baseline where baseline is defined by the current Florida commercial building energy code.
3. Efficiency measurement for qualification will be the certified rating of the equipment at full load.
4. The following minimum efficiency qualifications for chillers are as follows:

Water Cooled Centrifugal Chillers	< 300 tons	≤0.581 kW/ton (≥6.05 COP)
	≥300 tons and <600 tons	≤0.535 kW/ton (≥6.57 COP)
	≥ 600 Tons	≤0.535 kW/ton (≥6.57 COP)

Water-Cooled Scroll or Screw Chillers	< 75 tons	≤0.706 kW/ton (≥4.98 COP)
	≥75 tons and <150 tons	≤0.679 kW/ton (≥5.178 COP)
	≥150 tons and < 300 tons	≤0.626 kW/ton (≥5.62 COP)
	≥300 tons <600 tons	≤0.581 kW/ton (≥6.06 COP)
	≥600 tons	≤.535 kW/ton (≥6.57 COP)

Air-Cooled Electric Chillers	Any Size	≤ 1.081 kW/ton (≥3.25 COP)
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- 5. No payment shall be made by Tampa Electric until:
 - A complete and correct application has been submitted to Tampa Electric within one year of installation date.
 - Application must include:
 - Signature of customer or HVAC contractor 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.
 - Certified efficiency data at standard rating conditions for the equipment.
 - Installation has passed Tampa Electric’s verification process.

- 5. 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.

- 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: Conservation Value

Program Participation Standards

1. Participation is available to commercial/industrial customers located in Tampa Electric's service area.
2. Maximum rebate: up to \$92 per kW of demand reduction coincident with Tampa Electric's system peak over the determined baseline. Tampa Electric will determine rebate qualification and level by using the FPSC cost-effectiveness RIM and PCT tests as described in Rule 25-17.008, F.A.C. The rebate level up to a maximum of \$92 per kW will be determined by maintaining a RIM and PCT benefit-to-cost ratio of equal to or greater than 1.00.
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 five kW summer and/or winter demand reduction is required. The five kW can be achieved aggregately if the following two conditions are met:
 - The same technology is being installed in all of the sites.
 - The customer applying for the rebate is the premise owner for all of the aggregated sites.
5. Measure eligibility:
 - a. Eligible Measures: Most commercially available and accepted demand reduction technologies are eligible for consideration including, but not limited to, renewable energy sources, refrigeration measures, non-conventional cooling systems, water heating measures and other measures not covered by any other Tampa Electric approved conservation program.
 - b. Ineligible Measures: This would include measures potentially in conflict with environmental regulations (CFCs, water conservation, indoor air quality), 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.

- c. 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 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.
9. Measures producing a demand reduction of equal to or less than 50 kW which have demonstrated 90 days of successful continued operation 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: Commercial Cooling

Program Participation Standards

1. Participation is available to any commercial/industrial customer located within Tampa Electric's service area.
2. Rebate: \$19 per ton of capacity installed of qualifying air conditioning equipment.
3. Direct expansion air conditioning equipment is eligible for the rebate. Package terminal air conditioning units are not eligible for rebate.
4. Minimum qualifying equipment energy efficiency ratio (EER) rating shall exceed the current Florida Energy Building code by equal to or greater than 1.00.
5. Efficiency measurement for qualification will be the certified rating of the equipment at full load.
6. No payment shall be made by Tampa Electric until:
 - A complete and correct application has been submitted to Tampa Electric within one year of installation date.
 - Application must include:
 - Signature of customer or HVAC contractor 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.
 - Certified efficiency data at standard rating conditions for the equipment.
 - 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: 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: Facility Energy Management System

Program Participation Standards

1. Participation is available to any commercial/industrial customers located in Tampa Electric's service area.
2. All projects require pre-approval prior to purchasing and installing any equipment. After the application has been pre-approved by Tampa Electric, the customer will be notified in writing, assigned a project identification number, and given any specific instructions. The customer may then purchase and install the pre-approved equipment.
3. The Energy Management System ("EMS") must consist of a central operator's station that includes a central processing unit and is capable of monitoring all sensors and field devices in real time. The station must be accessible by a local or remote computer with a monitor and control all or part of a building's electrical load through the buildings energy consuming systems.
4. Significant software changes are eligible but not updates for a new version being released or an annual license.
5. Rebates will be paid for installed qualifying energy management systems based upon:
 - a. Rebate cannot exceed 50 percent of the project's cost based upon the cost of the EMS equipment or software costs.
 - b. Total rebate amount cannot exceed \$25,000.
6. No payment shall be made by Tampa Electric until:
 - a. All pre-approval requirements were conducted.
 - b. Contractor or customer submits a complete and correct application to Tampa Electric.
 - c. Tampa Electric reserves the right to require additional information from the customer regarding the EMS equipment and purchase prior to any rebate being paid.
 - d. Installation has passed Tampa Electric's verification process.
7. 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.
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 performed.
 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: 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: Street and Outdoor Lighting Conversion

Program Participation Standards

1. Only active Non-Light Emitting Diode (“LED”) luminaires, as identified in Tampa Electric’s Street and Outdoor Lighting Conversion Program, to be converted to LED luminaires are eligible for this program.
2. The unamortized collection amount per luminaire converted is based upon the current remaining net book value of that luminaire at the time of conversion, up to \$180.06 per eligible converted luminaire.
3. Upon completion of the five-year Street and Outdoor Lighting Conversion Program, the company shall notify the Florida Public Service Commission within 30 days.
4. Tampa Electric will randomly perform field verifications on a minimum of 10 percent of the converted LED luminaires. All luminaires not selected for field review will have an office verification to validate installation information.
5. Consistent with the programs approval on February 27, 2018 in Docket 20170199-EI, Order No. PSC-2018-0110-PAA-EI, 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.
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: 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. New construction lighting systems are not eligible for this rebate. The lighting system must use dedicated ballasts designed to operate one specific type and wattage of lamp.
3. Compact fluorescent lamp fixtures are eligible if they are permanent and locking.
4. Retrofit upgrades shall be permanent installations. 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. 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.
8. Rebate: \$0.250 per Watt reduction.
9. 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.

10. 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.
11. 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.
12. 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. New construction lighting systems are not eligible for this rebate. The lighting system must use dedicated ballasts designed to operate one specific type and wattage of lamp.
3. Compact fluorescent lamp fixtures, upgrading T12 lighting systems, de-lamping, stadium lighting, sports field lighting, and landscape lighting are not eligible for this rebate.
4. Retrofit upgrades shall be permanent installations. 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: \$0.200 per Watt reduction.
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: \$40 for each qualifying occupancy sensor up to but not to exceed 50 percent of purchase price.
4. All installations must exceed current Florida Building Code.
5. Retrofit installations, where not required by ASHRAE 90.1-2016, are eligible.
6. Occupancy sensor installation shall be 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.
7. Lighting fixtures with built in occupancy sensors will not be rebated on a per fixture basis. Only the minimum necessary number of occupancy sensors to control the lighting for the given space will be rebated. The determination of the number of qualifying occupancy sensors eligible for rebate will be determined upon a field verification performed by a Tampa Electric Commercial Energy Analyst.
8. 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.
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.
 - 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 \$3.00 per kW demand reduction per month during the summer; extended control receives \$3.50 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: Commercial Smart Thermostats

Program Participation Standard

1. Participation is available to existing commercial/industrial customers located in Tampa Electric's service area.
2. All projects require pre-approval prior to purchasing and installing any equipment. After the application has been pre-approved by Tampa Electric, the customer will be notified in writing, assigned a project identification number, and given any specific instructions. The customer may then purchase and install the pre-approved equipment.
3. Qualifying Smart Thermostat must be:
 - Wi-Fi enabled device
 - Programmable and automatic adjustment of temperatures for optimal performance
 - Controlled remotely
 - Provide equipment use and temperature data
4. Rebates will be paid for installed qualifying commercial smart thermostats based upon:
 - a. Rebate cannot exceed 50 percent of the project's cost based upon the cost of the smart thermostat.
 - b. Total rebate amount cannot exceed \$4,500.
5. No payment shall be made by Tampa Electric until:
 - a. All pre-approval requirements were conducted.
 - b. Contractor or customer submits a complete and correct application to Tampa Electric.
 - c. Tampa Electric reserves the right to require additional information from the customer regarding the smart thermostats and purchase prior to any rebate being paid.
 - d. 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.

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: 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: \$5.35 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: Variable Frequency Drive Control for Compressors

Program Participation Standards

1. Participation is available to any commercial/industrial customers located in Tampa Electric's service area.
2. All projects require pre-approval prior to purchasing and installing any equipment. After the application has been pre-approved by Tampa Electric, the customer will be notified in writing, assigned a project identification number, and given any specific instructions. The customer may then purchase and install the pre-approved equipment.
3. Qualifying frequency drives must be new; used or refurbished equipment are not eligible.
4. Rebates will be paid based upon the Horse Power ("HP") of compressors being controlled and are paid \$50 per HP.
5. Qualifying variable frequency drive equipment controlling compressors must be electric and can include the following:
 - Commercial refrigerant for HVAC
 - Commercial refrigeration systems
 - Compressed air systems
6. No payment shall be made by Tampa Electric until:
 - a. All pre-approval requirements were conducted.
 - b. Contractor or customer submits a complete and correct application to Tampa Electric.
 - c. 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.
 - d. Installation has passed Tampa Electric's verification process.
7. 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.
9. 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.

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 Water Heating

Program Participation Standards

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

1. Commercial and industrial Heat Recovery Units ("HRU") to be eligible must meet all of the following:
 - Be new and not refurbished or previously installed or used.
 - Rated according to the current AHRI Standard 470.
2. 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.
 - Have heat source based on ARI Standard 320 for water source heat pumps, ARI Standard 325 for ground water source heat pumps, ARI Standard 330 for ground source closed loop heat pumps or ARI Standard 870 for performance rating of direct geo-exchange heat pumps.
 - Have a minimum coefficient of performance of 3.00.
3. 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.
4. Rebate: \$0.0100 per Btu up to a maximum rebate of 50 percent of the total project cost.
5. The water heating system must be electric and used to supply heated water to meet domestic or process water needs.
6. 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.
7. 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.
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 performed.
 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: Integrated Renewable Energy System (Pilot)

Program Participation Standards

The commercial/industrial Integrated Renewable Energy System Program is a five-year pilot program to study the capabilities and DSM opportunities of a fully integrated renewable energy system. The integrated renewable energy system will include an approximate 800 kW photovoltaic array, two-250 kW batteries, and several electric vehicle charging systems to charge electric vehicles, industrial vehicles, and auxiliary industrial vehicle batteries.

The pilot program will have two main purposes. The first main purpose is to evaluate the capability to perform demand response from the main batteries and each vehicle battery and to determine the preferred operating characteristics of a fully integrated renewable and energy storage system to leverage DSM opportunities. The second main purpose is to use the installation and its associated operational information as an education platform for commercial and industrial customers seeking information on this type of system and its benefits, concerns and capabilities. During the pilot, the company will schedule educational demonstrations to show how the system operates, steps a company would need to take to install this equipment, and how the company is leveraging this equipment to save energy and reduce demand. The projected cost to implement and manage the pilot program through the five-years is approximately \$4 million dollars.

Tampa Electric will identify and report program expenses 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.