

EVERGY METRO, INC. d/b/a EVERGY MISSOURI METRO

P.S.C. MO. No. 2 3rd Revised Sheet No. 1.73
Canceling P.S.C. MO. No. _____ 2nd Revised Sheet No. 1.73
For Missouri Retail Service Area

RULES AND REGULATIONS ELECTRIC

22.01 BUSINESS DEMAND-SIDE MANAGEMENT

(continued)

DEFINITIONS:

Unless otherwise defined, terms used in tariff sheets or schedules in Section 22 have the following meanings:
Applicant – A customer who has submitted a program application or has had a program application submitted on their behalf by an agent or trade ally.

Demand-Side Program Investment Mechanism (DSIM) – A mechanism approved by the Commission in Evergy Missouri Metro’s filing for demand-side programs approval in Case No. EO-2019-0132.

Business Program- An energy efficiency program that is available to a customer receiving electric service under Service Classifications Small General Service Rate, Medium General Service Rate, Large General Service Rate, Large Power Service Rate.

Deemed Savings Table- A list of measures derived from the Company’s filed TRM that characterizes associated gross energy and demand savings with specific measure parameters where available.

Energy Efficiency - Measures that reduce the amount of electricity required to achieve a given end use.

Incentive – Any consideration provided by Evergy directly or through the Program Administrator, including in the form of cash, bill credit, payment to third party, or public education programs, which encourages the adoption of Measures.

Long-Lead Project- A project committed to by a Customer, accepted by the Company, and a signed commitment offer received by the program administrator by December 31, 2024 according to the terms and implementation of the MEEIA 2020-2024 Energy Efficiency Plan that will require a date after December 31, 2024, but no later than December 31, 2025 to certify completion.

Measure – An end-use measure, energy efficiency measure, and energy management measure as defined in 4 CSR 240-22.020(18), (20), and (21).

Participant – An energy related decision maker who implements one or more end use measures as a direct result of a demand side program.

Program Administrator – The entity selected by Evergy to provide program design, promotion, administration, implementation, and delivery of services.

Program Partner – A retailer, distributor or other service provider that Evergy Missouri Metro or the Program Administrator has approved to provide specific program services through execution of a Evergy Missouri Metro approved service agreement.

Program Period – The period from January 1, 2020 through December 31, 2024, unless sooner terminated under the TERM provision of this tariff. Programs may have slightly earlier termination dates for certain activities, as noted on the Evergy Missouri Metro website – www.evergy.com.

Project – One or more Measures proposed by an Applicant in a single application.

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Trade Ally - An independent contractor that the Company or the Program Administrator has approved to provide specific program services through execution of a Company approved service agreement.

Measure Benefit/Cost Test - Each non-prescriptive Project must pass the Total Resource Cost Test by having a value of 1.0 or greater. Total Resource Cost Test value equals the present value of the benefits of each Measure over the useful life of each Measure divided by the incremental cost to implement the Project Measures. The benefits of the Measure include the Company's estimated avoided costs.

Total Resource Cost (TRC) Test - A test of the cost-effectiveness of demand-side programs that compares the avoided utility costs to the sum of all incremental costs of end-use measures that are implemented due to the program (including both Evergy Missouri Metro and Participant contributions), plus utility costs to administer, deliver and evaluate each demand-side program.

TERM: These tariff sheets and the tariff sheets reflecting each specific Business DSM program shall be effective through December 31, 2024, with the exception of the Business Process Efficiency Program and the Business Smart Thermostat Program which will terminate on December 31, 2022 unless another termination date is approved by the Commission.

If the Programs are terminated prior to the end of the Program Period, only Incentives for qualifying Measures that have been preapproved or installed prior to the Programs' termination will be provided to the customer.

DESCRIPTION:

The reduction in energy consumption or shift in peak demand will be accomplished through the following Programs:

- Business Energy Efficiency Rebates – Standard
- Business Energy Efficiency Rebates- Custom
- Business Demand Response

In addition, Evergy Missouri Metro customers may also have access to the Online Business Energy Audit as well as a Free on-site energy assessment with detailed report outlining energy efficiency opportunities, potential energy savings and incentives.

Program details regarding the interaction between Evergy or Program Administrators and Participants, such as Incentives paid directly to Participants, available Measures, availability of the Program, eligibility, and application and completion requirements may be adjusted through the change process as presented below. Those details, additional details on each Program, and other information such as process flows, application instructions, and application forms will be provided by the Evergy website, www.evergy.com/Ways-to-Save/Incentives.

CHANGE PROCESS:

- 1) The change process is applicable to changes in program detail regarding the interaction between Evergy or Program Administrators and Participants, and excludes changes to the ranges of Incentive amounts for each Measure. Identify need for program detail change regarding the interaction between Evergy or Program Administrators and Participants;
- 2) Discuss proposed change with Program Administrator;
- 3) Discuss proposed change with Evaluator;
- 4) Analyze impact on program and portfolio (cost-effectiveness, goal achievement, etc.);
- 5) Inform the Staff, Office of the Public Counsel and the Department of Economic Development, Division of Energy, of the proposed change, the time within which it needs to be implemented, provide them the analysis that was done and consider recommendations from them that are received within the implementation timeline (the implementation timeline shall be no less than five business days from the time that the Staff, Office of the Public Counsel and the Department of Economic Development, Division of Energy, are informed and provided the above-referenced analysis);

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- 6) Take timely received recommendations into account and incorporate them where Evergy believes it is appropriate to do so;
- 7) Notify and train customer contact personnel (Customer Service Representatives, Energy Consultants, Business Center) of the changes;
- 8) Make changes to forms and promotional materials;
- 9) Update program website;
- 10) File updated web pages and, if appropriate, updated list of Measures and Incentives amounts in Case No. EO-2019-0132; and
- 11) Inform Customer, trade allies, etc.

Evergy will also continue to discuss and provide information on ongoing Program and Portfolio progress at quarterly regulatory advisory group update meetings.

PROGRAMS' ANNUAL ENERGY AND DEMAND SAVINGS TARGETS:

Note that targeted energy and demand savings may be shifted between Programs depending on market response, changes in technology, or similar factors. These targets are based on savings at customer meters (excluding transmission and distribution line losses). No targets were set for the 2023 and 2024 program year, only budgets.

	Expected Annual kWh Energy Savings Targets at Customer Side of Meter			Sum of Annual by Program
	2020	2021	2022	
Business Standard	14,019,243	19,107,931	20,850,204	53,977,377
Business Custom	5,216,973	11,114,231	13,908,599	30,239,803
Business Process Efficiency	3,273,111	7,191,746	8,989,682	19,454,539
Business Demand Response	0	0	0	0
Business Smart Thermostat	29,156	58,312	87,468	174,936
Total	22,538,482	37,472,221	43,835,953	103,846,656

Earnings Opportunity targets are set forth in Kansas City Power & Light Company's Schedule DSIM, Sheet No. 49Z, as approved in Case No. EO-2019-0132.

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22.06 BUSINESS DEMAND RESPONSE**

PURPOSE:

Business Demand Response (“Program or “BDR”) is designed to reduce Participant load during peak periods to improve system reliability, offset forecasted system peaks that could result in future generation capacity additions, and/or provide a more economical option to generation or purchasing energy in the wholesale market. Participant curtailment may be requested for any of these operational or economic reasons as determined by the Company.

AVAILABILITY:

This Program is available during the Program Period, and is available to all customers in the classes identified in the Business Demand-Side Management section that also meet Program provisions. Participants must show economic and technical feasibility for measurable and verifiable load curtailment during the Summer Curtailment Season of June 1 to September 30 with the ability to call emergency demand response events as needed during the Winter Curtailment Season from October 1 to May 30 within designated Curtailment Hours of 8:00 a.m. to 8:00 p.m., Monday through Friday excluding Holidays. The Company reserves the right to call events on any day and period during an Energy Emergency Alert (EEA) Level 2 or greater for local and/or regional reliability needs. The Company will determine the most beneficial timing and length of curtailment events during the curtailment season, is not required to curtail all Participants simultaneously, and may elect to only call individual participants and/or stagger Participants as deemed appropriate. The Company also reserves the right to apply minimum and/or maximum event performance requirements for incentive payment, to apply financial bonuses or penalties and to terminate Participation Agreements for non-compliance.

The Company will engage a third-party Administrator to implement all recruitment, enrollment and daily operations for the Program and manage Aggregators. A Customer may participate directly through the Program Administrator (“Administrator”) or a Company-approved Aggregator (“Aggregator”). An aggregator is a curtailment service provider, appointed by a customer to act on behalf of said Customer with respect to all aspects of the Program, including but not limited to: a) the receipt of notices from the Company under this Program; and b) the receipt of incentive payments from the Company. The Aggregator will be responsible for establishing independent business to business (B:B) contracts and administering the participation of said customer. The Aggregator is fully responsible for fulfillment of these B:B customer contracts. Contracts between Aggregator and their enrolled customers are not limited to Program provisions.

For the purpose of this program only, and at the Company’s option, a Participant with multiple accounts may request that some or all of its accounts be aggregated in one Participation Agreement. The aggregated Participant account will be treated as a single account for purposes of calculating potential Program incentive payments. The Aggregator is responsible for all of their independent B:B customer contracts; no minimum customer account requirements apply. Aggregator must maintain a minimum aggregated load as stated in their Aggregator Participation Agreement to maintain Program eligibility.

PROGRAM PROVISIONS:

This Program may be executed by manual and/or automated demand response methods:

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22.06 BUSINESS DEMAND RESPONSE**

(continued)

This program may be executed by manual and/or automated demand response methods. Regardless of the method by which the participating Customer chooses to participate, the Participant enrolls directly with the Administrator or Aggregator. The Administrator or Aggregator evaluates a Customer’s metered usage data from the most recent Curtailment Season and gathers site-specific information from the Participant to establish their curtailment plan and estimated associated curtailable load (kW). The Participant or Aggregator enrolls this curtailable load in the Program by executing their Participation Agreement. The Company then issues notices to the Participant or Aggregator in advance of scheduled curtailment events, prompting Participants to respond in accordance with their chosen method of participation:

Program Provisions:

1) Manual Demand Response (DR)

The Participant manually executes their facility curtailment plan to curtail at least their enrolled curtailable load for the duration of the curtailment event.

2) Automated Demand Response (ADR)

The Participant’s building/energy management system (BMS/EMS) or facility automation system is used to execute their curtailment plan. The Participant or Aggregator receives the integrated signal with the utility’s event calling system and is used to execute their curtailment plan by enacting pre-programed adjustments to respond to demand response events.

Participation Agreements

There will be two versions of Program Participation Agreements (“Agreement”). Customers enrolling with the Administrator will have a customer Agreement between the customer and the Program. Aggregators will have an aggregator Agreement between the Program and the Aggregator. Multi-year participation Agreements will be re-evaluated annually or at any time the Company has data indicating the terms of the participation Agreement cannot be fulfilled by the Participant.

Event Performance and Incentives

The Company will employ a calculated baseline load (CBL) methodology to determine participant demand savings associated with a demand response curtailment event. A CBL approach applies a model or algorithm to develop a customer-specific baseline for each day from historic metered usage data that is then used to forecast load impacts for each hour of the event absent a curtailment event. This baseline is calibrated to best match recent operational and/or weather patterns. This baseline is then compared to the actual metered average hourly demand during the curtailment event. The difference between the forecasted hourly baseline and the actual metered hourly usage during the event equals the hourly kW impact of the event. All kW will be calculated as a whole number. The Seasonal hourly average kW achieved divided by the kW enrolled is the Participant’s % kW achieved. The Company will pay the Participant or Aggregator for their achieved Seasonal average percent of their enrolled Curtailable load within the established floor and cap as detailed in their Agreement.

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22.06 BUSINESS DEMAND RESPONSE

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Maximum number of events per season-20
Minimum number of events per season- 1
Maximum duration of an event- 10 hours
Minimum notification prior to an event- 1 hour

Evaluation

The Company will hire a third-party evaluator to perform Evaluation, Measurement and Verification (EM&V) on this Program.

ADDITIONAL PROGRAM OPTION:

Market Based Demand Response (MBDR)

MBDR is offered as a separate Tariff outside of MEEIA. MBDR offers only qualified Business Demand Response Participants an additional opportunity to reduce their electric costs through participation with the Company in the wholesale Southwest Power Pool (SPP) energy market by receiving payment for providing their load reduction during high energy price periods. MBDR is available to Program Participants whose DR Resources are compliant with the SPP Tariff and SPP Marketplace Protocol requirements and can provide sustainable load reduction during market participation. An MBDR Participant has the option of committing their DR Resources to the SPP energy market unless the company has scheduled a potential Business Demand Response Curtailment Event for the same time period. Participation in MBDR authorizes the Company to offer the Customer's curtailment amount in the SPP Market and Participant compensation is based on any SPP settlement payments less MBDR fees. All SPP registration and technical requirements, market operating and settlement procedures, MBDR fees, etc. are details in Participants individual BMDR contract.

ADDITIONAL PROGRAM DETAILS:

Additional Program information and documents can be found at www.evergy.com/businessdr

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22.08 RESIDENTIAL DEMAND-SIDE MANAGEMENT**

(continued)

Measure – An end-use measure, energy efficiency measure, and energy management measure as defined in 4 CSR 240-22.020(18), (20), and (21).

Participant – An energy related decision maker who implements one or more end use measures as a direct result of a demand side program.

Program Administrator – The entity selected by Evergy Missouri Metro to provide program design, promotion, administration, implementation, and delivery of services.

Program Partner – A retailer, distributor or other service provider that Evergy Missouri Metro or the Program Administrator has approved to provide specific program services through execution of a Evergy Missouri Metro approved service agreement.

Program Period – The period from January 1, 2020 through December 31, 2024, unless sooner terminated under the TERM provision of this tariff. Programs may have slightly earlier deadlines for certain activities, as noted on the Evergy website – www.evergy.com.

Total Resource Cost (TRC) Test – A test of the cost-effectiveness of demand-side programs that compares the avoided utility costs to the sum of all incremental costs of end-use measures that are implemented due to the program (including both Evergy and Participant contributions), plus utility costs to administer, deliver and evaluate each demand-side program.

TERM:

These tariff sheets and the tariff sheets reflecting each specific residential DSM program shall be effective through December 31, 2024, with the exception of the Income-Eligible Multi-Family, which shall be effective through December 31, 2025, and the Home Energy Report and Income-Eligible Home Energy Report which will terminate on December 31, 2022 unless another termination date is approved by the Commission.

If the Programs are terminated prior to the end of the Program Period, only Incentives for qualifying Measures that have been pre-approved or installed prior to the Programs' termination will be provided to the customer.

DESCRIPTION:

The reduction in energy consumption or shift in peak demand will be accomplished through the following Programs:

- Heating, Cooling & Home Comfort Products & Services Incubator
- Energy Saving Products
- PAYS Pilot
- Income-Eligible Multi-Family
- Income-Eligible Single-Family
- Residential Smart Thermostat
- Pay as you Save (PAYS^R)

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22.09 HEATING, COOLING & HOME COMFORT

PURPOSE:

The Heating, Cooling & Home Comfort Program (Program) is designed to provide educational and financial incentives to residential customers, increasing their awareness and incorporation of energy efficiency into their homes.

AVAILABILITY:

This program is available during the Program Period and is available to any Customer receiving service under any generally available residential rate schedule offered by the Company.

PROGRAM PROVISIONS:

Evergy Missouri Metro will hire a Program Administrator to implement this program and provide the necessary services to effectively manage the program.

The program consists of three components:

Component 1: Insulation & Air Sealing Rebate. Customers that have completed a comprehensive energy audit by a Program authorized energy auditor are eligible to receive rebates for upgrades in insulation and air sealing.

This option will be co-delivered with Spire Energy so that eligible customers utilizing both utilities' services, may receive benefits from each respective utility. Evergy offerings are not contingent upon co-delivery.

Component 2: Energy Savings Kits. Energy efficient measures provided to residential customers by the Company to include discretionary energy assessments to targeted income-eligible zip code residents.

This option will be co-delivered with Spire to eligible customers for both utilities. Evergy offerings are not contingent upon co-delivery.

Component 3: HVAC Rebate. Customers are eligible to receive incentives for improving the efficiency of a home's HVAC equipment.

ELIGIBLE MEASURES AND INCENTIVES:

Measures filed in Case No. EO-2019-0132 are eligible for program benefits and incentives and may be offered during the Program Period. Eligible Incentives and Measures can be found at www.evergy.com/homecomfort.

EVALUATION:

The Company will hire a third-party evaluator to perform an Evaluation, Measurement and Verification (EM&V) on this Program.

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22.15 RESIDENTIAL THERMOSTAT PROGRAM

PURPOSE:

The voluntary Residential Thermostat Program is designed to reduce Participant load during peak periods to improve system reliability, offset forecasted system peaks that could result in future generation capacity additions, and/or provide a more economical option to generation or purchasing energy in the wholesale market. Participant curtailment may be requested for any of these operational or economic reasons as determined by the Company. The Program accomplishes this by deploying various demand response technologies to Participants' WiFi-enabled thermostats to modify the run-time of air conditioning unit(s) or heat pump(s) for a specified period of time in a Company coordinated effort to limit overall system peak load.

AVAILABILITY:

The Program is available for the Program Period to any customer currently receiving service under any residential rate schedule. Customers must maintain a secure home WiFi-enabled internet service and have a working central air conditioning system or heat pump. If a WiFi-enabled thermostat is provided to customers at a discounted price, customers must agree to install the thermostat at their premise receiving electric service within fourteen (14) days of receiving the device, and keep it installed, operational, and connected to a secure home WiFi network for the duration of the program. Customers must agree to not sell the device for the duration of the program. If it is found that they do, a debit will be issued on their utility bill for the Manufacturer Suggested Retail Price (MSRP) of the WiFi-enabled thermostat or the value of incentive provided to the customer. Payment of that debit will be the customer's responsibility. Residential property owner's (owner occupant or landlord for a rental property) permission is required to receive a smart thermostat and/or participate in the demand response program with an existing eligible thermostat. Tenant permission is required to receive a thermostat and/or participate in the demand response program with an existing eligible thermostat if the landlord is requesting participation. The Company reserves the right to limit program participation. The Company also reserves the right to apply minimum and/or maximum event performance requirements for incentive payment, to apply financial bonuses or penalties and to terminate participation for non-compliance.

PROGRAM PROVISIONS:

The Company will hire a Program Administrator to implement this Program. The Program Administrator will provide the necessary services to effectively implement the Program and strive to attain the energy and demand savings targets. The Company and the Program Administrator will follow a multi-faceted approach to marketing the Program.

CONTROLS AND INCENTIVES:

Participants will receive enrollment and participation incentives at a level determined by the Company, which can be found at evergy.com/residentialdr. If customers have an existing Wi-Fi enabled eligible thermostat, the customer may elect to enroll and participate in the demand response program. If customers had received a Program device from the previous Program, they will not be eligible for a new Program device. However, if the existing Program device fails, the customer is eligible to continue participation with a new Program device. During a curtailment event, the Company or its assignee will deploy various demand response technologies to Participants' Wi-Fi enabled thermostats to modify the run-time of air conditioning unit(s) or heat pump(s) for a specified period of time in a Company coordinated effort to limit overall system peak load. The Company reserves the right to set and modify incentive levels at any point during the program.

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22.15 RESIDENTIAL THERMOSTAT PROGRAM

(continued)

CYCLING METHODS:

The Company may elect to deploy various types of demand response technologies including, but not limited to: (1) cycling the compressor unit(s); (2) deploying stand-alone pre-cooling strategies; (3) deploying a combination of pre-cooling/pre-heating and cycling strategies; (4) deploying pre-cooling/pre-heating and temperature modification strategies. The Company reserves the right to test new devices at any point during the program.

NOTIFICATION:

The Company will notify Program Participants of a curtailment event via various communication channels, including, but not limited to: (1) SMS; (2) email; (3) push notifications; (4) in-app notifications; (5) device notifications. The notification can occur prior to or at the start of a curtailment event.

CURTAILMENT SEASON:

The Summer Curtailment Season will extend from June 1 to September 30 with the ability to call emergency demand response events as needed during the Winter Curtailment Season from October 1 to May 30.

CURTAILMENT LIMITS:

The Company may call a curtailment event any weekday, Monday through Friday, excluding Independence Day and Labor Day, or any day during an Energy Emergency Alert (EEA) Level 2 or greater officially designated as such. A curtailment event occurs whenever the thermostat is being controlled by the Company or its assignees. The Company may call a maximum of one curtailment event per day per Participant. The Company may call a maximum of 160 hours per year. The Company is not required to curtail all Participants simultaneously and may stagger curtailment events across participating Participants.

CURTAILMENT OPT OUT PROVISION:

A Legacy Participant may opt out of any curtailment event during the Curtailment Season by notifying the Company at any time prior to or during a curtailment event and requesting to be opted out. A New Participant may opt out of an ongoing event via their smart phone or the thermostat itself.

NEED FOR CURTAILMENT:

Curtailments may be requested for operational or economic reasons. Operational curtailments may occur when any physical operating parameter(s) approaches a constraint on the generation, transmission or distribution systems or to maintain the Company's capacity margin requirement. Economic reasons may include any occasion when the marginal cost to produce or procure energy or the price to sell the energy in the wholesale market is greater than a customer's retail price. A minimum of one (1) demand response event per season will be dispatched to eligible participants.

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22.18 RESIDENTIAL INCOME ELIGIBLE SINGLE-FAMILY

PURPOSE:

The Income Eligible Single-Family Program (Program) is designed to deliver long-term energy savings and bill reductions to residential single-family income eligible customers. This will be achieved through a variety of channels to educate customers about energy use in their homes and to offer information, products, and services to use energy wisely.

AVAILABILITY:

This program is available during the Program Period and is available to qualifying single-family income eligible customer's receiving service under any generally available residential rate schedule offered by the Company.

PROGRAM PROVISIONS:

Evergy Missouri Metro will hire a Program Administrator to implement this program and provide the necessary services to effectively manage the program and strive to attain the energy and demand savings targets.

The program consists of:

Funding for Kansas City Low-Income Leadership Assistance Collaborative ("KC-LILAC") for specialized services that can complement select community action agencies in minimizing deferred homes and/or enabling energy efficient custom domiciles that are subject to access and functional needs modifications and fund the Offer Center, not to include LEDS.

CUSTOMER ELIGIBILITY:

Program will be targeted to income-eligible zip code residents.

Income-eligible zip codes are defined as having at least 30% of Customers in a zip code at 200% of the federal poverty income level.

ELIGIBLE MEASURES AND INCENTIVES:

Measures filed in Case No. EO-2019-0132 are eligible for program benefits and may be offered during the Program Period. Eligible Measures can be found at www.evergy.com.

EVALUATION:

The Company will hire a third-party evaluator to perform an Evaluation, Measurement and Verification (EM&V) on this Program

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22.19 URBAN HEAT ISLAND

PURPOSE:

To study the effect of heat island mitigation in urbanized areas by offering energy efficient measures to reduce energy consumption, therefore reducing urban temperatures.

AVAILABILITY:

This program is available through the Program Period and is available to any Customer that resides in the Kansas City Independence Avenue Corridor, with likely expansion to other areas, under any generally available residential or commercial rate schedule offered by the Company.

PROGRAM PROVISIONS:

The Company will hire a Program Administrator to implement this program and provide the necessary services to effectively manage the program and strive to attain the energy and demand savings target and heat mitigation results.

The program consists of four potential program components.

Option 1: Energy Savings Trees. Customers will have the option to claim a free tree to be planted on their property in a location that will create energy savings for the resident and temperature reduction in the outside, ambient air.

Option 2: Cool/Thermochromic Roofs. Customers will have the option to receive roof upgrades to lessen their heating and cooling load and temperature reduction in the outside, ambient air.

Option 3: Permeable Pavement/Lightening of Pavement Color. The Company will explore ways to mitigate heat through changing the pavement material and/or color. This also may include removal of pavement surfaces to be replaced with green space.

Option 4: Other. Due to the exploratory nature of this program the Company reserves the right to use additional program components that can assist in the mitigation of heat.

ELIGIBLE MEASURES AND INCENTIVES:

Measures filed in Case No. EO-2019-0133 are eligible for program benefits and incentives and may be offered during the Program Period.

EVALUATION:

The Company will hire a third-party evaluator to perform an Evaluation, Measurement, and Verification (EM&V) on this program.