

**KANSAS CITY POWER & LIGHT COMPANY**

P.S.C. MO. No. 2 ~~EighthNinth~~ Revised Sheet No. 1.04B  
 Canceling P.S.C. MO. No. 2 ~~EighthSeventh~~ Revised Sheet No. 1.04B

For Missouri Retail Service Area

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# KANSAS CITY POWER & LIGHT COMPANY

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## GENERAL RULES AND REGULATIONS APPLYING TO ELECTRIC SERVICE

### 22.01 ~~BUSINESSCOMMERCIAL & INDUSTRIAL~~ DEMAND-SIDE MANAGEMENT

#### PURPOSE:

The ~~Commercial & Industrial (C&I)Business~~ Demand-Side Management (DSM) Programs (Programs), which consist of ~~five-six~~ programs, are designed to encourage ~~C&IBusiness~~ customers to proactively use energy in such a way as to reduce consumption of electricity or to shift consumption from times of peak demand to times of non-peak demand.

These Programs are offered in accordance with Section 393.1075, RSMo. Supp. 2009 (the Missouri Energy Efficiency Investment Act or MEEIA) and the Commission's rules to administer MEEIA.

#### AVAILABILITY:

Except as otherwise provided in the terms governing a ~~particular-specific~~ program, these Programs are available to any of KCP&L's customers served under SGS, MGS, LGS, LPS, SGA, MGA, LGA, or TPP rate schedules.

The Programs are not available to customers electing to opt-out of DSM program funding under 4 CSR 240-20.094(~~76~~), and monetary incentives that otherwise would be payable under a program are not available to those that have received a state tax credit under sections 135.350 through 135.362, RSMo, or under sections 253.545 through 253.561, RSMo. As provided for in the Commission's rules, customers shall attest to non-receipt of any such tax credit and acknowledge that the penalty for a customer who provides false documentation is a class A misdemeanor.

A customer may elect not to participate (opt-out) in an electric utility's DSM programs under 4 CSR 240-20.094(~~67~~) if they:

- Have at least one account with a demand of 5,000 kW in the previous 12 months with that electric utility, or;
- Operate an interstate pipeline pumping station, or;
- Have multiple accounts with aggregate coincident demand of 2,500 kW in the previous 12 months with that utility and have a comprehensive demand-side or energy efficiency program with achieved savings at least equal to those expected from the utility-provided programs.

A customer electing to opt-out must provide written notice to the electric utility no earlier than September 1 and not later than October 30 to be effective for the following calendar year but shall still be allowed to participate in interruptible or curtailable rate schedules or tariffs offered by the electric utility.

Unless otherwise provided for in the tariff sheets or schedules governing a ~~particular-specific~~ program, customers may participate in multiple programs, but may receive only one Incentive per Measure.

The Company reserves the right to discontinue the entire MEEIA cycle 3 portfolio, if the Company determines the implementation of such programs is no longer reasonable due to changed factors or circumstances that have materially, negatively impacted the economic viability of such programs as determined by the Company, upon no less than 30 days' notice to the Commission.

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ISSUED BY: Darrin R. Ives Vice President Kansas City, MO

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For Missouri Retail Service Area

## GENERAL RULES AND REGULATIONS APPLYING TO ELECTRIC SERVICE

### 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 KCP&L's filing for demand-side programs approval in Case No. EO-~~2015-0240~~2019-0132.

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

Incentive – Any consideration provided by KCP&L 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 March 31, ~~2019~~2023 according to the terms and implementation of the MEEIA ~~2016~~2019-2018-20242022 Energy Efficiency Plan that will require ~~until~~ a date after March 31, ~~2019~~202225, but no later than March 31, ~~2020~~20263 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 – End-use customer and/or manufacturer, installer, or retailer providing qualifying products or services to end-use customers.

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

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

Program Period – The period from April 1, ~~2016~~2019 through March 31, ~~2019~~2022, unless sooner terminated under the TERM provision of this tariff. Programs may have slightly earlier termination dates for certain activities, as noted on the KCP&L website – [www.kcpl.com](http://www.kcpl.com).

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

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## GENERAL RULES AND REGULATIONS APPLYING TO ELECTRIC SERVICE

### 22.01 COMMERCIAL & INDUSTRIAL BUSINESS DEMAND-SIDE MANAGEMENT (continued)

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 KCP&L 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 C&I Business DSM program shall be effective for three years from July 6, 2014 through December 31, 2015 the effective date of the tariff sheets, 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:

##### Building Operator Certification

Business Energy Efficiency Rebates - Custom

- Business Energy Efficiency Rebates – Standard
- Business Energy Efficiency Rebates- Custom
- Business Programmable-Smart Thermostat
- Business Process Efficiency
- Business Demand Response Incentive

In addition, KCP&L customers also have access to the Online Business Energy Analyzer Audit.

Program details regarding the interaction between KCP&L 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 details-information such as process flows, application instructions, and application forms will be provided by the KCP&L website, www.kcpl.com.

#### CHANGE PROCESS:

The change process is applicable to changes in program detail regarding the interaction between KCP&L or Program Administrators and Participants, and excludes changes to the ranges of Incentive amounts for each Measure.

- 1) Identify need for program detail change regarding the interaction between KCP&L 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

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# KANSAS CITY POWER & LIGHT COMPANY

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For Missouri Retail Service Area

## GENERAL RULES AND REGULATIONS APPLYING TO ELECTRIC SERVICE

### 22.01 BUSINESS DEMAND-SIDE MANAGEMENT (continued)

- 6) Take timely received recommendations into account and incorporate them where KCP&L 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-2015-02402018-0298; and
- 11) Inform Customer, trade allies, etc.

KCP&L 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).

	<u>Expected Annual kWh Energy Savings Targets at Customer Side of Meter</u>			<u>Sum of Annual by Program</u>
	<u>2019</u>	<u>2020</u>	<u>2021</u>	
<u>Business Standard</u>	<u>14,019,243</u>	<u>19,107,931</u>	<u>20,850,204</u>	<u>33,127,174</u>
<u>Business Custom</u>	<u>5,216,973</u>	<u>11,114,231</u>	<u>13,908,599</u>	<u>30,239,803</u>
<u>Business Process Efficiency</u>	<u>3,273,111</u>	<u>7,191,746</u>	<u>8,989,682</u>	<u>19,454,539</u>
<u>Business Demand Response</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>Business Smart Thermostat</u>	<u>29,156</u>	<u>58,312</u>	<u>87,468</u>	<u>174,936</u>
<u>Total</u>	<u>22,538,482</u>	<u>37,472,221</u>	<u>43,835,953</u>	<u>82,996,452</u>

	<u>Expected Annual kWh Savings Targets at Customer Side of Meter</u>			<u>Sum of Annual by Program</u>
	<u>Program Plan Year 1</u>	<u>Program Plan Year 2</u>	<u>Program Plan Year 3</u>	
<u>Business Process Efficiency Strategic Energy Management</u>	<u>3,009,084</u>	<u>3,009,084</u>	<u>3,009,084</u>	<u>9,027,252</u>
<u>Business Energy Efficiency Rebates-Custom</u>	<u>14,310,148</u>	<u>15,025,656</u>	<u>15,025,656</u>	<u>44,361,460</u>

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Vice President

Kansas City, MO

	<i>Expected Annual kWh Savings Targets at Customer Side of Meter</i>			<i>Sum of Annual by Program</i>
	<b>Program Plan Year 1</b>	<b>Program Plan Year 2</b>	<b>Program Plan Year 3</b>	
<b>Business Process Efficiency</b>	<b>3,009,084</b>	<b>3,009,084</b>	<b>3,009,084</b>	<b>9,027,252</b>
<b>Business Energy Efficiency Rebates Custom</b>	<b>14,310,148</b>	<b>15,025,656</b>	<b>15,025,656</b>	<b>44,361,460</b>
<b>Business Energy Efficiency Rebates Standard</b>	<b>19,445,405</b>	<b>19,446,710</b>	<b>19,478,576</b>	<b>58,370,691</b>
	<b>2,514,850</b>	<b>2,514,850</b>	<b>5,029,699</b>	<b>10,059,399</b>
<b>Demand Response Incentive</b>	<b>698,711</b>	<b>1,402,385</b>	<b>1,408,537</b>	<b>3,509,633</b>
<b>Business Programmable Thermostat</b>	<b>32,802</b>	<b>32,802</b>	<b>32,802</b>	<b>98,406</b>
<b>TOTAL</b>	<b>40,011,000</b>	<b>41,431,487</b>	<b>43,984,354</b>	<b>125,426,841</b>

# KANSAS CITY POWER & LIGHT COMPANY

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For Missouri Retail Service Area

## GENERAL RULES AND REGULATIONS APPLYING TO ELECTRIC SERVICE

### 22.01 BUSINESS DEMAND-SIDE MANAGEMENT (continued)

	<u>Expected Annual kW Demand Savings Targets at Customer Side of Meter</u>			<u>Sum of Annual by Program</u>
	<u>2019</u>	<u>2020</u>	<u>2021</u>	
<u>Business Standard</u>	<u>2,181</u>	<u>3,013</u>	<u>3,328</u>	<u>8,522</u>
<u>Business Custom</u>	<u>834</u>	<u>1,777</u>	<u>2,223</u>	<u>4,834</u>
<u>Business Process Efficiency</u>	<u>24</u>	<u>70</u>	<u>87</u>	<u>181</u>
<u>Business Demand Response</u>	<u>15,000</u>	<u>15,000</u>	<u>15,000</u>	<u>45,000</u>
<u>Business Smart Thermostat</u>	<u>213</u>	<u>426</u>	<u>639</u>	<u>1,278</u>
<u>Total</u>	<u>18,253</u>	<u>20,286</u>	<u>21,278</u>	<u>59,815</u>

Earnings Opportunity targets are set forth in Kansas City Power & Light Company's Schedule DSIM, Sheet No. 490, as approved in Case No. EO-2015-02402018-0298.

#### PROGRAM COSTS AND INCENTIVES:

Costs of and Incentives for the Business DSM Programs reflected herein shall be identified in a charge titled "DSIM Charge" appearing as a separate line item on customers' bills and applied to customers' bills as a per kilowatt-hour charge as specified in the SGS, MGS, LGS, LPS, SGA, MGA, LGA, or TPP rate schedules. All customers taking service under said rate schedules shall pay the charge regardless of whether a particular customer utilizes a demand-side program available hereunder, unless they have opted-out as provided for previously.

#### PROGRAM DESCRIPTIONS:

The following pages contain other descriptions and terms for the Programs being offered under this tariff.

#### CHANGES IN MEASURES OR INCENTIVES:

KCP&L may offer the Measures contained in KCP&L's filing approved in Case No. EO-2015-02402018-0298. The offering of Measures not contained within the aforesaid filing must be approved by the Commission. Measures being offered and Incentives available to customers will be listed on KCP&L's website, www.kcpl.com. The Measures and Incentives being offered are subject to change. Customers must consult www.kcpl.com for the list of currently available Measures. Should a Measure or Incentive offering shown on KCP&L's website differ from the corresponding Measure or Incentive offering shown in the currently effective notice filed in Case No. EO-2015-02402018-0298, the stated Measure or Incentive offering as shown in the currently effective notice shall govern.

\*\* The original effective date of this tariff sheet was April 1, 2016. However, due to an incorrect reference to 4 CSR,

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## GENERAL RULES AND REGULATIONS APPLYING TO ELECTRIC SERVICE

### 22.02 BUILDING OPERATOR CERTIFICATION ONLINE BUSINESS ENERGY AUDIT PROGRAM

#### PURPOSE:

This Program provides small-to-medium business customers access to significant digital educational content available through their "My Account" portal. This content provides customers with the tools and resources they need to learn how their business is using energy, and how to better manage it to maximize efficiency and energy savings. Examples of digital pages or "widgets" available to business customers include: (1) Dashboard; (2) Energy Trends; (3) Ways to Save; (4) My Plan, and (5) a general settings page. Also embedded in content within this program is information on the Company's other demand-side management programs and general offerings, so customers are not only presented with significant information on how to save energy, but also how they can partner with the Company to do so.

#### PROGRAM PROVISIONS:

This energy efficiency program is considered educational. Additional details are available at the Company website, [www.kcpl.com](http://www.kcpl.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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## GENERAL RULES AND REGULATIONS APPLYING TO ELECTRIC SERVICE

### 22.03 BUSINESS ~~ENERGY ANALYZER (FROZEN)~~ PROCESS EFFICIENCY

#### PURPOSE:

The Business Process Efficiency program is designed to provide energy optimization, technical assistance and company-wide coaching to business customers to encourage behavioral change and transformation with respect to energy use and management. The program provides customers consultative resources and incentives.

#### 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 the Business Process Efficiency Program Provisions below.

#### PROGRAM PROVISIONS:

KCP&L will hire a Program Administrator and Energy Management Provider to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy and demand savings targets. The Energy Management Provider will serve as project manager, organizational facilitator and savings modeler.

The program includes four tracks.

#### Business Express Tune Up's

Provides customers with a streamlined approach via participating trade allies to uncover and improve operational efficiencies of qualifying measures including, but not limited to; compressed air systems, roof top units, etc.

#### Monitor Based Commissioning

Provides special focus on complex control systems and provides options and incentives for businesses to improve operations and maintenance practices for ongoing building systems and processes.

#### Retro-Commissioning Study

Provides customers with a comprehensive study and list of operational and capital energy conservation measures (ECM's) that may qualify for either process efficiency or custom/standard rebate incentives.

#### Strategic Energy Management

Provides customers with an incentive to offset the cost of a comprehensive facility study detailing energy conservation measures and system optimization techniques for large commercial and industrial facilities.

1. One-on-One Consultative Strategy Energy Management providing the customer with access to an energy expert who works intensively with the customer to integrate energy management into the organization.

2. Strategic Energy Management Cohort which places companies into groups that work together for

2. Strategic Energy Management Cohort which places companies into groups that work together for One year or longer and share best practices.

#### 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 directly paid to customers and Measures can be found at [www.kcpl.com](http://www.kcpl.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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## GENERAL RULES AND REGULATIONS APPLYING TO ELECTRIC SERVICE

### 22.04 BUSINESS ENERGY EFFICIENCY REBATES – CUSTOM

#### PURPOSE:

The Business Energy Efficiency Rebates - Custom program is designed to encourage more effective utilization of electric energy through Energy Efficiency improvement opportunities which are available at the time of new equipment purchases, facility modernization, and industrial process improvement. This program provides rebates for Energy Efficiency measures that are not specifically covered under the Business Energy Efficiency Rebates – Standard program. A “Custom Incentive” is a direct payment or bill credit to a participant for installation of Measures that are part of projects that have been pre-approved by the Program Administrator.

#### AVAILABILITY:

This program is available during the Program Period, and is available to all customers in the classes identified in the Commercial & Industrial Business Demand-Side Management section that also meet Custom Rebate Program Provisions below. ~~The last day to submit an application for this program is December 15, 2015. The last day for approval of an application is January 31, 2016. The last day for completion of customer projects and submission of complete paperwork by customers is June 30, 2016. The final payment by KCP&L of rebates for all projects under this program is July 31, 2016.~~

#### PROGRAM PROVISIONS:

This program provides a rebate for installing qualifying high efficiency equipment or systems, or replacing or retrofitting HVAC systems, motors, lighting, pumps or other qualifying equipment or systems with higher energy efficiency equipment or systems. Both new construction projects and retrofit projects are eligible to apply. To become a Participant in the program customers must request a rebate for a project by submitting an application through the KCP&L website ([www.kcpl.com](http://www.kcpl.com)) or on paper. Projects must be pre-approved by the Program Administrator before the project start date to be eligible for a rebate. Customer applications will be evaluated and the rebates will be distributed on a first-come basis according to the date of the customer's application.

Rebate applications for different energy saving measures at the same facility may be submitted. An entity with multiple facilities may participate for each facility by submitting an application for each facility. The maximum amount of each rebate will be calculated as a flat rate in dollars per coincident peak kW or cents per kWh saved as the lesser of the buy down to a two-year payback, 50% of the incremental cost of the higher efficiency equipment, system, or energy saving measure, up to the customer annual maximum. The total amount of program (Business Energy Efficiency Rebate – Custom and Standard) rebates that a Participant can receive during a program year is initially set and limited to a program cap of; 2 x the customers annual DSIM or \$1,000,000 per customer (\$250,000 per project) per program year. Participants that exceed the \$250,000 per project threshold will be eligible for a reduced rate incentive through the block bidding “buy now” program track. The program cap can be adjusted for each program year during the Program Period by filing an updated tariff sheet. The rebate for the measure will be issued upon completion of the project’s final application process. the greater of \$250,000 per customer or up to two-times the customer’s projected annual Demand Side Investment Mechanism (DSIM) charge. The rebate for the measure will be issued upon completion of the project.

After KCP&L reviews projects approved and/or paid during the first six months of a program year, KCP&L may approve application for additional rebates if the customer has reached its maximum and if Program funds are available.

By applying for the Custom Rebate Program, the customer agrees that the project may be subject to random on-site inspections by the Program Administrator.

#### 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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## GENERAL RULES AND REGULATIONS APPLYING TO ELECTRIC SERVICE

### 22.05 BUSINESS ENERGY EFFICIENCY REBATES – STANDARD

#### PURPOSE:

The Business Energy Efficiency Rebates - Standard program is designed to encourage installation of energy efficient measures in existing facilities. The primary objectives of this program are to provide pre-set incentives to facility owners and operators for the installation of high efficiency equipment and controls and to provide a marketing mechanism for electrical contractors, mechanical contractors, and their distributors to promote energy efficient equipment to end users.

#### AVAILABILITY:

This program is available during the Program Period, and is available to all customers in the classes identified in the [Commercial & Industrial Business](#) Demand-Side Management section that also meet Standard Rebate Program Provisions below.

#### PROGRAM PROVISIONS:

KCP&L will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy and demand savings targets. Standard Measures and Incentives will be provided to qualifying customers that provide completed Standard Rebate Applications as indicated below:

- ~~Participant must complete a Standard Rebate Application form, or purchase from pre-qualified equipment distributors~~ Customer must complete a Standard Rebate Application form, available at [www.kcpl.com](http://www.kcpl.com);
- ~~Customer-Participant~~ must provide proof of equipment purchase and installation;
- Measures must be purchased and installed after the effective date of this tariff;
- Measures which receive an Incentive under the Custom Rebate Program are not eligible for this Standard Rebate Program; and
- Standard Measures must be installed as a retrofit in an existing facility.

By applying for the Standard Rebate Program, the customer agrees that the project may be subject to random on-site inspections by the Program Administrator.

The total amount of program (Business Energy Efficiency Rebate – Custom and Standard) rebates that a Participant can receive during a program year ~~(2014 and 2015) is of the Program Period is initially set and limited to a program cap of the greater of; 2x the customers annual DSIM or \$1,000,000 per customer, the greater of ( \$250,000 per project per year) e~~ Customers that exceed the \$250,000 per project threshold are eligible for a reduced incentive rate through the block bidding “buy now” rate track. The program cap can be adjusted for each program year during the Program Period by filing an updated tariff sheet, or up to two-times the customer’s projected annual Demand Side Investment Mechanism (DSIM) charge. The rebate for the measure will be issued upon completion of the project.

Small to Mid-Sized Business customers (<100 kW) that participate in the small business program track and receive a small business assessment are eligible for the small business incentive rates for qualifying measures.

#### ELIGIBLE MEASURES AND INCENTIVES:

Standard Incentives filed in Case No. EO-~~2014-0095~~ 2019-0132 are eligible for program benefits and Incentives and may be offered during the Program Period. These include, but are not limited to, the following equipment types:

- Lighting and Controls
- Motors, Pumps and Variable Frequency Drives
- HVAC (Heating, Ventilation and Air Conditioning)

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ISSUED BY: Darrin R. Ives, Vice President Kansas City, MO

# KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 2 First  Original Sheet No. 1.81  
 Revised  
Cancelling P.S.C. MO. No. 2  Original Sheet No. 1.81  
 Revised  
For Missouri Retail Service Area

## GENERAL RULES AND REGULATIONS APPLYING TO ELECTRIC SERVICE

### **22.06 ~~RESIDENTIAL AND INDUSTRIAL BUSINESS DEMAND~~ DEMAND -SIDE MANAGEMENT RESPONSE**

#### **PURPOSE:**

Business Demand Response ("Program or "BDR") is designed to reduce Participant load during peak periods to help defer future generation capacity additions and provide for improvements in energy supply, 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 to all Participants, as identified in Section 393.1124.14.2, RSMo and 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 Curtailment Season of June 1 to September 30 and within designated Curtailment Hours of 12:00 p.m. to 8:00 p.m., Monday through Friday excluding Holidays. The Company reserves the right to limit the total Curtailable Load determined under this Program. The Company will determine the most beneficial timing and length of curtailment events during the curtailment season, and is not required to curtail all Participants simultaneously, and may elect to only call individual participants and/or stagger Participants as deemed appropriate. This program is not available to any Customer with load served under a Company Interruptible Rate or Curtailable Demand Rider.

A Customer may participate directly through the Company, the Company 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 KCP&L. Aggregator will be responsible for establishing independent business to business (B:B) contracts and administering the participation of said customer. Aggregator is fully responsible for fulfillment of these B:B customer contracts.

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 order to meet minimum kW load reduction as stated in participation contract. The aggregated Participant account will be treated as a single account for purposes of calculating potential Program incentive payments and/or penalties. Aggregator is responsible for all of their independent B:B customer contracts so no minimum customer account requirement apply, but Aggregator must be able to maintain a minimum aggregated load as stated in their AAPAggregator participation contract to maintain eligibility.

#### **PROGRAM PROVISIONS:**

This Program may be executed by either of two methods:

##### 1) ~~Traditional Demand Response~~ Manual Demand Response (DR)

A Customer with load curtailment potential during the Curtailment Season and designated Curtailment hours enrolls directly with the Company, the Company Program Administrator or a Company-approved Aggregator to become a Participant. The Company or Program Administrator evaluates a Customer's metered usage data from the most recent Curtailment Season and gathers site specific data from the Participant to establish their curtailment plan and estimated associated curtailable load (kW). The Participant enrolls this curtailable load in the Program. The Participant receives an event notice in advance of scheduled curtailment events from the Company and they manually execute their facility curtailment plan to curtail at least their enrolled curtailable load for the duration of the curtailment event. The Participant receives smaller monthly financial incentives for enrolling and agreeing to be on-call from June through September, and larger event participation payments for successful hourly curtailment of their enrolled load. The Company reserves the right to assess financial penalties and or contract termination for non-participation or event "opt-outs" as described in Participant's individual contract.

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Vice President

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Kansas City, MO

# KANSAS CITY POWER & LIGHT COMPANY

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For Missouri Retail Service Area

## GENERAL RULES AND REGULATIONS APPLYING TO ELECTRIC SERVICE

### 22.06 ~~RESIDENTIAL~~ COMMERCIAL AND INDUSTRIAL BUSINESS DEMAND-SIDE MANAGEMENT RESPONSE

(continued)

#### 2) Automated Demand Response (ADR)

A Customer with load curtailment potential during the Curtailment Season and designated Curtailment hours enrolls directly with the Company, Administrator or Aggregator to become a Participant. But, rather than manual execution of load curtailment, the Participant's building/energy management system (BMS/EMS) or facility automation system is used to execute enrolled curtailment. The Participant or Aggregator receives the curtailment event notice from the Company and signals the automated controls to modify facility loads to successfully curtail enrolled kW load. The Participant receives a financial incentive for participation as described above. If a Customer participates via an Aggregator, the Aggregator receives incentive payment from the Company and provides customer payments in accordance with their specific B:B contracts. All Customer incentive payments, contract terms & conditions, etc. are unique in the Customer's individual contract with the Aggregator. The Company reserves the right to assess financial penalties and/or Program termination for non-participation as described in Participants' individual contracts or Aggregator contract.

#### Participation Contracts-

There will be two versions of program participation contracts. Customers enrolling directly with the Company or Aggregator will have a customer participation contract and Aggregators will have an AAP participation contract.

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 customer-specific baselines for each day that are used to forecast load impacts for each hour of the event absent a curtailment event. 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 impact of the event.

The Company will communicate with Participants and Aggregators in advance of a curtailment event to increase their ability to successfully participate. Customer and Aggregator participation contracts will contain specific information for curtailment specifications that fall within the following limits.

Maximum number of events per season- 10

Minimum number of events per season- 1

Maximum duration of an event- 8 hours

Minimum notification prior to an event- 1 hour

Contracts between Aggregator and customers are not limited to Program provisions.

#### ADDITIONAL PROGRAM OPTION:

Market Based Demand Response (MBDR)

MBDR is offered as a separate Tariff outside of MEEIA. MBDR offers 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 compliant with the SPP Tariff and SPP Marketplace Protocol requirements and can provide sustainable load

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**KANSAS CITY POWER & LIGHT COMPANY**

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For Missouri Retail Service Area

**RULES AND REGULATIONS  
ELECTRIC**

**22.06 BUSINESS DEMAND RESPONSE** (continued)

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 Participation 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 detailed in Participant's individual MBDR contract.

**PROGRAM INCENTIVES AND DETAILS:**

All Program incentives may be paid directly to the Participant or Aggregator. The Program's incentive Structure, example contracts and specific details can be found at [www.kcpl.com](http://www.kcpl.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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**KANSAS CITY POWER & LIGHT COMPANY**

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For Missouri Retail Service Area

**RULES AND REGULATIONS  
ELECTRIC**

**22.06 ~~22.06 DEMAND RESPONSE INCENTIVE~~ RESERVED FOR FUTURE USE**

(continued)

**CURTAILABLE LOAD:**

~~Curailable Load shall be that portion of a Customer's Estimated Peak Demand that the Customer is willing and able to commit for curtailment, and that the Company agrees to accept for curtailment. The Curailable Load shall be the same amount for each month of the contract. Under no circumstances shall the Curailable Load be less than 25 kW. Curailable Load is calculated as the difference between the Estimated Peak Demand as determined above, and the Firm Power Level.~~

**SELF GENERATION:**

~~Self generation as a curtailment method is restricted to customers who can provide documentation validating compliance pursuant to Environmental Protection Agency ("EPA") regulations (summarized at [www.epa.gov/ttn/atw/icengines/comply.html](http://www.epa.gov/ttn/atw/icengines/comply.html)) that affect the use of reciprocating internal combustion engines.~~

**CUSTOMER COMPENSATION:**

~~Customer compensation shall be defined within each Customer contract. Timing of all payments/credits shall be specified in the curtailment contract with each Customer. Payments shall be paid to the Customer by Company in the form of a check or bill credit as specified in the contract or by a Company approved Aggregator as defined within the Customer's contract. The credits shall be applied before any applicable taxes. All other billing, operational, and related provisions of other applicable rate schedules shall remain in effect. Compensation will include:~~

**PROGRAM PARTICIPATION PAYMENT:**

~~For each Curtailment Season, Customer shall receive a payment/credit based upon the incentive structure outlined within the contract term. The Program Participation Payment for a Curtailment Season is equal to the per kilowatt of Curailable Load rate as defined in the Customer's contract. The Program Participation Payment will be divided by the number of months in the Curtailment Season and may be applied as bill credits equally for each month of the Curtailment Season or as a combined Participation and Curtailment Event net payment check after the close of the DRI Season. Curtailment Event Payment: The Customers may also receive an Event Payment for each Curtailment Hour during which the Customer's metered demand is less than or equal to his Firm Power Level.~~

**~~NEED FOR CURTAILMENT:~~**

~~Curailablements can be requested for operational or economic reasons. Operational curailablements may occur when physical operating parameters approach becoming a constraint on the generation, transmission, or distribution systems, or to maintain the Company's capacity margin requirement. Economic curailablement may occur when the marginal cost to produce or procure energy, or the opportunity to sell the energy in the wholesale market, is greater than the Customer's retail price.~~

**KANSAS CITY POWER & LIGHT COMPANY**

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For Missouri Retail Service Area

**RULES AND REGULATIONS  
ELECTRIC**

22.06 DEMAND RESPONSE INCENTIVE 22.06 RESERVED FOR FUTURE USE  
(continued)

**ENERGY PURCHASE OPTION:**

~~At the Company's option and the Customer's request, during a Curtailment Event called for economic reasons, the Customer may purchase energy above its Firm Power Level from the Company at a price per kilowatt hour determined at the beginning of a Curtailment Event. A Curtailment Event Payment will not be paid to Customers for Curtailment Events where this option is used. Customer will not have the option to purchase energy during a Curtailment Event called for operational reasons.~~

**PENALTIES:**

~~Failure of the Customer to effect load reduction to its Firm Power Level or lower in response to any Company request for curtailment shall result in the following reduction or refund of Program Participation Payments and Curtailment Occurrence Payments for each such failure as follows:~~

~~Reduction of Program Participation Payment: Customer will receive reduced future Program Participation Payments or a bill debit, in an amount equal to 150% of the Program Participation Payment divided by the Maximum Number of Curtailment Event Hours, the result of which is multiplied by the percentage by which the Customer underperformed during a Curtailment Event Hour.~~

~~Any Customer who fails to reduce load to its Firm Power Level as described within their Customer Contract may be removed from the program and/or be ineligible for this program for a period of two years from the date of the third failure.~~

**CURTAILMENT CANCELLATION:**

~~The Company reserves the right to cancel a scheduled Curtailment Event prior to the start time of such Curtailment Event. However, if cancellation occurs with less than two hours of the notification period remaining prior to commencement of a Curtailment Event, the canceled Curtailment Event shall be counted as a separate occurrence with a zero-hour duration.~~

**TEST CURTAILMENT:**

~~The Company reserves the right to request a Test Curtailment once each year and/or within three months after a Customer's failure to effect load reduction to its Firm Power Level or lower upon any Company request for curtailment. Test Curtailments do not count toward the Maximum Number of Curtailment Events. Customers will not be compensated for Test Curtailments.~~

**VOLUNTARY LOAD REDUCTION:**

~~Customers served in this Program also will be served on the Voluntary Load Reduction Rider (Schedule VLR), subject to the paragraph entitled "Special Provisions for Customers Served on Schedule MP." A separate Contract for service on Schedule VLR is not required for customers served under this Program.~~



**KANSAS CITY POWER & LIGHT COMPANY**

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For Missouri Retail Service Area

**RULES AND REGULATIONS  
ELECTRIC**

~~22.06 DEMAND RESPONSE INCENTIVE~~ **22.06 RESERVED FOR FUTURE USE**  
(continued)

**ADDITIONAL VOLUNTARY EVENTS**

- ~~At any time while the Customer's contract is in effect, the Company may request a Customer to~~
- ~~Participate, on a voluntary basis, in additional Curtailment Events. Customers who are asked and~~
- ~~who participate in these voluntary curtailments will receive Curtailment Event Payments as outlined~~
- ~~previously in this tariff, but will not receive additional Program Participation Payments. This~~
- ~~provision applies to all Customers whose contracts are still in force, whether or not they have~~
- ~~participated in a number of Curtailment Events equal to their chosen Maximum Number of~~
- ~~Curtailment Events~~
  
- ~~At its sole discretion, the Company will decide to apply the terms of Voluntary Load Reduction or~~
- ~~Additional Voluntary Events for a given Curtailment Event.~~

# KANSAS CITY POWER & LIGHT COMPANY

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For Missouri Retail Service Area

## GENERAL RULES AND REGULATIONS APPLYING TO ELECTRIC SERVICE

### **22.076 RESIDENTIAL DEMAND-SIDE MANAGEMENT BUSINESS SMART THERMOSTAT PROGRAM**

(continued)

#### **PURPOSE:**

The voluntary Business Smart Thermostat Program is intended to help reduce system peak load and thus defer the need for additional capacity. The program accomplishes this by deploying various demand response technologies to Participants' 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 small general service or medium general service rate schedule. Customers must maintain a secure Wi-Fi enabled internet service and have a working central air conditioning system or heat pump. If a smart thermostat is provided to customers at-no-cost, customers must agree to install the smart 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 Wi-Fi 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 Manufacture Suggested Retail Price (MSRP) of the smart thermostat or the value of incentive provided to the customer. Payment of that debit will be the customer's responsibility. 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. The Company reserves the right to limit program participation.

#### **CONTROLS AND INCENTIVES:**

Participants will receive enrollment and participation incentives at a level determined by the Company. If customers have an existing Wi-Fi enabled eligible smart thermostat, the customer may elect to enroll and participate in the demand response program. During a curtailment event, the Company or its assignee will deploy various demand response technologies to Participants' 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.

#### **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 and cycling strategies; (34) deploying pre-cooling and temperature modification strategies. The Company reserves the right to test new residential thermostat demand response technologies at any point during the program.

#### **NOTIFICATION:**

The Company will notify 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 Curtailment Season will extend from June 1 to September 30.

#### **EVALUATION:**

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

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For Missouri Retail Service Area

## GENERAL RULES AND REGULATIONS APPLYING TO ELECTRIC SERVICE

### ~~22.06 RESIDENTIAL~~ 22.08 RESIDENTIAL DEMAND-SIDE MANAGEMENT

~~(continued)~~

#### **PURPOSE:**

The Residential Demand-Side Management (DSM) Programs (Programs), are designed to encourage residential customers to proactively use energy in such a way as to reduce consumption of electricity or to shift consumption from times of peak demand to times of non-peak demand.

These Programs are offered in accordance with Section 393.1075, RSMo. Supp. 2009 (the Missouri Energy Efficiency Investment Act or MEEIA) and the Commission's rules to administer MEEIA.

#### **AVAILABILITY:**

Except as otherwise provided in the terms governing a particular program, these Programs are available to residential customers in KCP&L's Missouri service area being served under any residential rate schedule.

Monetary incentives are not payable to customers that have received a state tax credit under sections 135.350 through 135.362, RSMo, or under sections 253.545 through 253.561, RSMo. As provided for in the Commission's rules, customers shall attest to non-receipt of any such tax credit and acknowledge that the penalty for a customer who provides false documentation is a class A misdemeanor.

Unless otherwise provided for in the tariff sheets or schedules governing a particular program, customers may participate in multiple programs, but may receive only one Incentive per Measure.

The Company reserves the right to discontinue the entire MEEIA cycle 3 portfolio, if Company determines that implementation of such programs is no longer reasonable due to changed factors or circumstances that have materially negatively impacted the economic viability of such programs as determined by the Company, upon no less than thirty days' notice to the Commission.

#### **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.

Demand-Side Program Investment Mechanism (DSIM) – A mechanism approved by the Commission in KCP&L's filing for demand-side program approval in Case No. EO-~~2018-0298~~2019-0132.

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

Incentive – Any consideration provided by KCP&L directly or through the Program Administrator and Program Partners, including buydowns, markdowns, rebates, bill credits, payment to third parties, direct installations, giveaways and education, which encourages the adoption of Measures.

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For Missouri Retail Service Area

## GENERAL RULES AND REGULATIONS APPLYING TO ELECTRIC SERVICE 22.086 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 – End-use customer and/or distributor, manufacturer, installer, or retailer providing qualifying products or services to end-use customers.

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

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

Program Period – The period from April 1, 2019 through March 31, 2022, unless sooner terminated under the TERM provision of this tariff. Programs may have slightly earlier deadlines for certain activities, as noted on the KCP&L website – www.kcpl.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 KCP&L 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 for three years from the effective date of the tariff sheets, with the exception of the Income-Eligible Multi-Family, which shall be effective for six years, 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:

- Home Appliance Recycling Rebate
- Heating, Cooling & Weatherization
- Home Energy Report
- Income-Eligible Home Energy Report
- Energy Saving Products
- Online Energy Audit
- Home Lighting Rebate
- Income-Eligible Multi-Family
- Residential Smart Thermostat

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## GENERAL RULES AND REGULATIONS APPLYING TO ELECTRIC SERVICE

### **22.087 HOME APPLIANCE RECYCLING REBATE RESIDENTIAL DEMAND-SIDE MANAGEMENT** **(continued)**

In addition, KCP&L residential customers have access to the Online Home Energy Audit.

Program details regarding the interaction between KCP&L 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 details such as process flows, application instructions, and application forms will be provided on the KCP&L website, [www.kcpl.com](http://www.kcpl.com).

#### **CHANGE PROCESS:**

The change process is applicable to changes in program detail regarding the interaction between KCP&L or Program Administrators and Participants in the Programs, and excludes changes to the ranges of Incentive amounts for each Measure.

- 1) Identify need for program detail change regarding the interaction between KCP&L or Program Administrators and Participants in the Programs;
- 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);
- 6) Take timely received recommendations into account and incorporate them where KCP&L 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 Incentive amounts in Case No. [EO-2018-02982019-0132](#); and
- 11) Inform Customers, trade allies, Program Partners, etc.

KCP&L will also continue to discuss and provide information on ongoing program and portfolio progress at quarterly regulatory advisory group update meetings.

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For Missouri Retail Service Area

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**22.08 AIR CONDITIONING UPGRADE REBATERESIDENTIAL DEMAND-SIDE MANAGEMENT**  
**(continued)**

**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).

	<u>Expected Annual kWh Energy Savings Targets at Customer Side of Meter</u>						<u>Sum of Annual by Program</u>
	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	
<u>Energy Saving Products</u>	<u>12,153,179</u>	<u>9,722,590</u>	<u>7,555,117</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>29,430,886</u>
<u>Heating, Cooling &amp; Weatherization</u>	<u>3,346,358</u>	<u>4,814,841</u>	<u>5,426,432</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>13,587,631</u>
<u>Home Energy Report</u>	<u>9,579,000</u>	<u>9,579,000</u>	<u>9,579,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>28,737,000</u>
<u>Income-Eligible Energy Report</u>	<u>2,928,146</u>	<u>2,928,146</u>	<u>2,928,146</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>8,784,439</u>
<u>Income-Eligible Multi-Family</u>	<u>1,368,009</u>	<u>1,160,994</u>	<u>1,160,994</u>	<u>906,913</u>	<u>945,949</u>	<u>992,465</u>	<u>6,535,323</u>
<u>Residential Demand Response</u>	<u>1,171,048</u>	<u>1,329,516</u>	<u>1,466,157</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>3,966,721</u>
<u>Total</u>	<u>30,545,741</u>	<u>29,535,087</u>	<u>28,115,846</u>	<u>906,913</u>	<u>945,949</u>	<u>992,465</u>	<u>91,042,000</u>

Issued: ~~October 30, 2014~~ November 29, 2018  
2014April 2, 2019

Issued by: Darrin R. Ives, Vice President

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**KANSAS CITY POWER & LIGHT COMPANY**

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 For Missouri Retail Service Area

**RULES AND REGULATIONS  
ELECTRIC**

**22.08 RESIDENTIAL DEMAND-SIDE MANAGEMENT**

(continued)

	<u>Expected Annual kW Demand Savings Targets at Customer Side of Meter</u>						<u>Sum of Annual by Program</u>
	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	
<u>Energy Saving Products</u>	<u>889</u>	<u>725</u>	<u>558</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2,172</u>
<u>Heating, Cooling &amp; Weatherization</u>	<u>1,607</u>	<u>2,225</u>	<u>2,480</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>6,312</u>
<u>Home Energy Report</u>	<u>1,200</u>	<u>1,200</u>	<u>1,200</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>3,600</u>
<u>Income-Eligible Energy Report</u>	<u>366</u>	<u>366</u>	<u>366</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,098</u>
<u>Income-Eligible Multi-Family</u>	<u>248</u>	<u>228</u>	<u>228</u>	<u>183</u>	<u>197</u>	<u>214</u>	<u>1,297</u>
<u>Residential Demand Response</u>	<u>8,679</u>	<u>9,957</u>	<u>11,135</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>29,772</u>
<u>Total</u>	<u>12,989</u>	<u>14,701</u>	<u>15,967</u>	<u>183</u>	<u>197</u>	<u>214</u>	<u>44,251</u>

Earnings Opportunity targets are set forth in KCP&L’s Schedule DSIM Sheet 49Z as approved in Case No. EO-2019-0132

**PROGRAM COSTS AND INCENTIVES**

Costs of and incentives for the Residential DSM Programs reflected herein shall be reflected in a charge titled “DSIM Charge” appearing as a separate line item on customers’ bills and applied to customers’ bills as a per kilowatt-hour charge as specified in the residential rate schedules. All customers taking service under said rate schedule shall pay the charge regardless of whether a particular customer utilizes a demand-side program available hereunder.

**PROGRAM DESCRIPTIONS:**

The following pages contain other descriptions and terms for the Programs being offered under this tariff.

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For Missouri Retail Service Area

**RULES AND REGULATIONS  
ELECTRIC**

**22.08 RESIDENTIAL DEMAND-SIDE MANAGEMENT**

**(continued)**

**PROGRAM COSTS AND INCENTIVES**

Costs of and incentives for the Residential DSM Programs reflected herein shall be reflected in a charge titled "DSIM Charge" appearing as a separate line item on customers' bills and applied to customers' bills as a per kilowatt-hour charge as specified in the residential rate schedules. All customers taking service under said rate schedule shall pay the charge regardless of whether a particular customer utilizes a demand-side program available hereunder.

**PROGRAM DESCRIPTIONS:**

The following pages contain other descriptions and terms for the Programs being offered under this tariff.

**CHANGES IN MEASURES OR INCENTIVES:**

KCP&L may offer the Measures contained in KCP&L's filing approved in Case No. EO-2015-02402018-0298. The offering of Measures not contained within the aforesaid filing must be approved by the Commission. Measures being offered and Incentives available to customers will be listed on KCP&L's website, [www.kcpl.com](http://www.kcpl.com). The Measures and Incentives being offered are subject to change. Customers must consult [www.kcpl.com](http://www.kcpl.com) for the list of currently available Measures. Should a Measure or Incentive offering shown on KCP&L's website differ from the corresponding Measure or Incentive offering shown in the currently effective notice filed in Case No. EO-2015-0240201819-0132 the stated Measure or Incentive offering as shown in the currently effective notice shall govern.

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Issued by: Darrin Ives, Vice President

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# KANSAS CITY POWER & LIGHT COMPANY

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For Missouri Retail Service Area

## GENERAL RULES AND REGULATIONS APPLYING TO ELECTRIC SERVICE

### 22.09 ~~HOME ENERGY REPORT PROGRAM – PILOT (FROZEN)~~ RESIDENTIAL HEATING, COOLING & WEATHERIZATION

#### PURPOSE:

~~The Home Energy Report Pilot~~ Heating, Cooling & Weatherization 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 in a structure containing four units or less.~~

#### PROGRAM PROVISIONS:

~~KCP&L will hire a Program Administrator to implement this program and provide the necessary services to effectively ~~implement~~manage the program and strive to attain the energy and demand savings targets. The Program Administrator will deliver a turn-key program with responsibility for all aspects of customer selection, report generation, energy savings quantification, customer communications and reporting.~~

~~The program consists of two sub-programs:~~

Option 1: Audit & Weatherization. Customers that have completed a comprehensive energy audit by an Program authorized energy auditor are eligible to receive the installation of a free Direct Install kit and Rebate for the installation of air sealing and insulation upgrades.

~~This program will be delivered jointly with Spire Energy so that eligible customers, utilizing both utilities services, may receive benefits from each respective utility. KCP&L program offerings are not contingent upon co-deliveries.~~

~~Option 2: HVAC.~~ Customers are eligible to receive incentives for tune-up's, duct efficiency improvements and the installation of qualifying HVAC equipment, installed by a Program authorized contractor.

#### ELIGIBLE MEASURES AND INCENTIVES:

~~Measures filed in Case No. EO-2018-0298~~ 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.kcpl.com](http://www.kcpl.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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# KANSAS CITY POWER & LIGHT COMPANY

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For Missouri Retail Service Area

## GENERAL RULES AND REGULATIONS APPLYING TO ELECTRIC SERVICE

### 22.10 ~~INCOME-ELIGIBLE~~ RESIDENTIAL HOME ENERGY REPORT PROGRAM ~~– PILOT (FROZEN)~~

#### PURPOSE:

The Residential Home Energy Report Program is a behavioral energy efficiency and educational program that provides a comparison of the household energy usage information with similar types of customers, or “neighbors”. The Home Energy Report shall be delivered in paper, and/or email format, and is composed of several modules of information to help customers understand and manage their energy use. A few examples of modules included are: (1) neighbor/similar home comparison; (2) energy comparisons over time; (3) energy efficiency tips; and (4) utility program promotional material. The Home Energy Report provides information designed to influence customers’ behavior to lower energy usage.

#### AVAILABILITY:

~~This program is not available after December 31, 2015.~~

The program is directed to customers currently receiving service under any residential rate schedule and who qualify under income eligible guidelines. ~~KCP&L will conduct an 18 month pilot of the program, selecting 20,000 customers for participation.~~ This program will operate as an opt-out only program, meaning KCP&Lthe Company will select customers for participation in the program and will allow opt-out if desired. ~~A customer choosing to opt-out of the program should contact KCP&L to have their premise removed from the reporting group.~~

#### PROGRAM PROVISIONS:

The Company will assign a program administrator to manage the Program internally. The Company will hire a third-party implementer to deliver this turn-key program with responsibility for all aspects of report generation, energy and demand savings quantification, customer communications and reporting.

#### EVALUATION:

The Company will hire a third-party evaluator to perform an Evaluation, Measurement, and Verification (EM&V) on the Home Energy Report ~~Pilot~~ Program.

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# KANSAS CITY POWER & LIGHT COMPANY

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For Missouri Retail Service Area

## GENERAL RULES AND REGULATIONS APPLYING TO ELECTRIC SERVICE

### 22.11 ~~HOME LIGHTING REBATE~~ RESIDENTIAL INCOME-ELIGIBLE HOME ENERGY REPORT PROGRAM

#### PURPOSE:

The Residential Income-Eligible Home Energy Report Program is a behavioral energy efficiency and educational program that provides a comparison of the household energy usage information with similar types of customers, or "neighbors". The Income-Eligible Home Energy Report shall be delivered in paper, and/or email format, and is composed of several modules of information to help customers understand and manage their energy use. A few examples of modules included are: (1) neighbor/similar home comparison; (2) energy comparisons over time; (3) energy efficiency tips; and (4) utility program promotional material. The Home Energy Report provides information designed to influence customers' behavior to lower energy usage.

#### AVAILABILITY:

The Program is directed to customers currently receiving electric service under any residential rate schedule. This Program will operate as an opt-out only program, meaning the Company will select customers for participation in the program and will allow opt-out if desired.

#### PROGRAM PROVISIONS:

The Company will assign a program administrator to manage the Program internally. The Company will hire a third-party implementer to deliver this turn-key program with responsibility for all aspects of report generation, energy and demand savings quantification, customer communications and reporting. KCP&L will implement this program. A Program Administrator may be responsible for items such as

#### ELIGIBLE MEASURES AND INCENTIVES:

Home Lighting Rebate Measures filed in Case No. ~~EO-2014-0095~~2019-0132 are eligible for program benefits and Incentives and may be offered for promotion during the Program Period. Eligible lighting products and Incentives paid directly to customers or Program Partners may be found at [www.kcpl.com](http://www.kcpl.com).

#### EVALUATION:

The Company will hire a third-party evaluator to perform an Evaluation, Measurement, and Verification (EM&V) on the Home Energy Report ~~Pilot Program~~.

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# KANSAS CITY POWER & LIGHT COMPANY

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For Missouri Retail Service Area

## GENERAL RULES AND REGULATIONS APPLYING TO ELECTRIC SERVICE

### **22.12 INCOME-ELIGIBLE WEATHERIZATION ENERGY SAVING PRODUCTS**

#### **PURPOSE:**

This program will feature point of purchase discounts on a variety of energy efficiency items.

#### **AVAILABILITY:**

The Energy Saving Products Program is available during the Program Period and customers may participate in the program by purchasing qualifying products from an online store or participating retailers. Customers receive an instant incentive at the point-of-purchase. KCP&L will employ the proper protocols to verify customer eligibility.

#### **PROGRAM PROVISIONS:**

KCP&L will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively manage the program and strive to attain the energy and demand savings targets.

A Program Administrator may be responsible for items such as incentive and rebate processing, communication with the customer/retailer to resolve application issues and status reporting associated with the program, as directed by KCP&L.

The program uses a two-pronged approach:

1. Increasing supply of qualifying products through partnerships with retailers, manufacturers and distributors; and
2. Creating demand through consumer awareness and understanding the benefits of energy efficient products.

Program promotions will be made available at participating retailers within KCP&L's electric service territory. Participating Program Partners will be listed on the KCP&L website, www.kcpl.com, with store name and location listed, as well as any in-store promotions being offered.

#### **ELIGIBLE MEASURES AND INCENTIVES:**

Energy Saving Products measures as filed in Case No. EO-~~2018-0298~~2019-0132 are eligible for program incentives and may be offered for promotion during the Program Period. Eligible products and incentives may be found at www.kcpl.com. The Company and Program Administrator will closely monitor the products being offered and adjust accordingly, in the agreed upon process as needed.

#### **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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Area \_\_\_\_\_

## GENERAL RULES AND REGULATIONS APPLYING TO ELECTRIC SERVICE

### **22.132 INCOME-ELIGIBLE WEATHERIZATION ONLINE HOME ENERGY AUDIT PROGRAM** (continued)

#### **PURPOSE:**

This Program provides residential customers access to significant digital educational content available through their "My Account" portal. This content provides customers with the tools and resources they need to learn how their home is using energy, and how to better manage it to maximize efficiency and energy savings. Examples of digital pages or "widgets" available to customers include: (1) Home Energy Audit; (2) Compare to Neighbor; (3) Energy Trends; (4) Ways to Save; (5) My Plan, and (6) a general settings page. Also embedded in content within this program is information on the Company's other demand-side management programs and general offerings, so customers are not only presented with significant information on how to save energy, but also how they can partner with the Company to do so.

#### **PROGRAM PROVISIONS:**

This energy efficiency program is considered educational. Additional details are available at the Company website, [www.kcpl.com](http://www.kcpl.com).

<del>Central Missouri Community Action</del>	<del>\$13,299.00</del>
<del>United Services</del>	<del>\$456,475.00</del>
<del>Green Hills Community Action</del>	<del>\$13,634.00</del>
<del>Missouri Valley Community Action-KCP&amp;L</del>	<del>\$59,409.00</del>
<del>West Central Missouri Community Action</del>	<del>\$31,071.00</del>
<b>2014 TOTAL</b>	<b>\$573,888.00</b>

#### **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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For Missouri Retail Service Area

## GENERAL RULES AND REGULATIONS APPLYING TO ELECTRIC SERVICE

### 22.143 PROGRAMMABLE THERMOSTAT (FROZEN) INCOME-ELIGIBLE MULTI-FAMILY

#### PURPOSE:

The objective of Income-Eligible Multi-Family Program (Program) is to deliver long-term energy savings to income-qualifying customers, specifically those in multi-family housing. This will be achieved through increasing the awareness and educational outreach to property managers and owners about their energy usage, installing energy savings measures and prescriptive and custom rebate offerings for in-unit and common area upgrades.

#### AVAILABILITY:

The Program is available for the Program Period to customers receiving service from KCP&L under any residential or business rate, meeting one of the following eligibility requirements:

- Participation in an affordable housing program. Documented participation in a federal, state or local affordable housing program, including LIHTC, HUD, USDA, State HFA and local tax abatement for low-income properties.
- Location in a low-income census tract. Location in a census tract we identify as low-income, using HUD's annually published "Qualified Census Tracts" as a starting point.
- Rent roll documentation. Where at least 50 percent of units have rents affordable to households at or below 80% of area median income, as published annually by HUD.
- Tenant income information. \* Documented tenant income information demonstrating at least 50 percent of units are rented to households meeting one of these criteria: at or below 200 percent of the Federal poverty level or at or below 80% of area median income.
- Participation in the Weatherization Assistance Program. Documented information demonstrating the property is on the waiting list for, currently participating in, or has in the last five years participated in the Weatherization Assistance Program.

#### PROGRAM PROVISIONS:

KCP&L will jointly deliver the Program with Spire Energy so that eligible customers utilizing both utilities' services may receive energy savings and benefits from each respective utility. Where possible, KCP&L will seek to partner with the natural gas and water companies for co-delivery. The Company will jointly deliver the Program with Spire Energy so that eligible customers utilizing both services may receive energy savings from each respective utility.

The Program Administrator will provide the necessary services to effectively implement the program, including but not limited to outreach, recruitment, providing energy assessments/reports and direct installation of low-cost measures. Rebates will be available as prescriptive or custom incentives, for building, and individual improvements. KCP&L program offering is not contingent upon co-deliveries.

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**KANSAS CITY POWER & LIGHT COMPANY**

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For Missouri Retail Service Area

**RULES AND REGULATIONS  
ELECTRIC**

**22.14 INCOME-ELIGIBLE MULTI-FAMILY**

**(continued)**

Additional program provisions may be found at [www.kcpl.com](http://www.kcpl.com).

**ELIGIBLE MEASURES AND INCENTIVES:**

Income-Eligible Measures filed in File No. [EO-2018-02982019-0132](#) are eligible for program benefits and incentives and may be offered for promotion during the Program Period. Eligible Measures and Incentives may be found at [www.kcpl.com](http://www.kcpl.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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For Missouri Retail Service Area

**RULES AND REGULATIONS  
ELECTRIC**

**22.13-15 PROGRAMMABLE RESIDENTIAL SMART THERMOSTAT PROGRAM**

**PURPOSE:**

The voluntary Residential Smart Thermostat Program is intended to help reduce system peak load, and thus defer the need for additional capacity. The program accomplishes this by deploying various demand response technologies to Participants' 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 Wi-Fi enabled internet service and have a working central air conditioning system or heat pump. If a smart thermostat is provided to customers at-no-cost, customers must agree to install the smart 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 Wi-Fi 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 Manufacture Suggested Retail Price (MSRP) of the smart 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. The Company reserves the right to limit program participation.

**CONTROLS AND INCENTIVES:**

Participants will receive enrollment and participation incentives at a level determined by the Company. If customers have an existing Wi-Fi enabled eligible smart thermostat, the customer may elect to enroll and participate in the demand response program. During a curtailment event, the Company or its assignee will deploy various demand response technologies to Participants' 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.

**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 and cycling strategies; (4) deploying pre-cooling and temperature modification strategies. The Company reserves the right to test new devices at any point during the program.

**NOTIFICATION:**

The Company will notify 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 Curtailment Season will extend from June 1 to September 30.



**KANSAS CITY POWER & LIGHT COMPANY**

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For Missouri Retail Service Area

**RULES AND REGULATIONS  
ELECTRIC**

22.15 RESIDENTIAL SMART THERMOSTAT PROGRAM

(continued)

**EVALUATION:**

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

**CURTAILMENT LIMITS:**

KCP&L may call a curtailment event any weekday, Monday through Friday, excluding Independence Day and Labor Day, or any day officially designated as such. A curtailment event occurs whenever the thermostat is being controlled by KCP&L or its assignees. KCP&L may call a maximum of one curtailment event per day per Participant, lasting no longer than four (4) hours per Participant. KCP&L is not required to curtail all Participants simultaneously and may stagger curtailment events across participating Participants.

**CURTAILMENT OPT OUT PROVISION:**

A Participant may opt out of any air conditioning cycling curtailment event during the Curtailment Season by notifying KCP&L at any time prior to or during a curtailment event and requesting to be opted out. Participant may opt out of an ongoing event via their smart phone or the thermostat itself. Notification must be communicated to KCP&L by using KCP&L's website (www.kcpl.com) or by calling KCP&L at the telephone number provided with the air conditioner cycling agreement.

**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 KCP&L'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.

**CONTRACT TERM:**

Initial contracts will be for a period of three years, terminable thereafter on 90 days written notice. At the end of the initial term, if the thermostat was provided free of charge to the Participant, the thermostat becomes the Participant's property. The customer will remain subject to curtailment unless they make a request with the Company or its assignees to be removed from the program. However, so long as the agreement to participate in the Program is in force, KCP&L will provide maintenance and repair to the programmable thermostat as may be required due to normal use. If the Participant has the KCP&L provided thermostat and leaves the program prior to the end of the initial contract, KCP&L will have 60 days thereafter to remove the thermostat and/or other control equipment; otherwise, it becomes the Participant's property.

KCP&L will also have a separate Customer Program Participation Agreement outlining Customer and KCP&L responsibilities, and additional information concerning data privacy and Program termination for customers who participate in any studies that will analyze and evaluate customers' behavior and usage of thermostat, and associated software.

# KANSAS CITY POWER & LIGHT COMPANY

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For Missouri Retail Service Area

## GENERAL RULES AND REGULATIONS APPLYING TO ELECTRIC SERVICE

### 22.164 HOME ENERGY EFFICIENT TREES PILOT PROGRAM ANALYZER (FROZEN)

#### **PURPOSE:**

The Energy Efficient Trees program is designed to demonstrate, while increasing local and national level awareness, that carefully-sited and strategically planted trees offer many benefits, including increased energy efficiency.

#### **AVAILABILITY:**

This program is available to any Customer receiving service under any generally available residential rate schedule offered by the Company. Residential customers that rent a residence must receive the written approval of the homeowner/landlord to participate in the program.

#### **PROGRAM PROVISIONS:**

The program will utilize the Arbor Day Foundation's national model and software, providing trees to plant on private residences, in GPS-optimized locations for energy efficiency.

KCP&L will partner with Bridging the Gap and other potential stakeholders or associations that align with this initiative.

#### **EVALUATION:**

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

#### **ELIGIBLE MEASURES AND INCENTIVES:**

Measures filed in Case No. EO-~~2018-0298~~2019-0132 are eligible for program benefits and Incentives and may be offered during the Program Period. Eligible Incentives directly paid to customers and Measures can be found at [www.kcpl.com](http://www.kcpl.com).

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