

**KCP&L Greater Missouri Operations Company**  
**KANSAS CITY, MO 64106**

For Missouri Retail Service Area

RULES AND REGULATIONS
ELECTRIC

**15.08 BUSINESS PROGRAMMABLE THERMOSTAT**

**PURPOSE:**

The voluntary Business Programmable Thermostat Program is intended to help reduce system peak load and thus defer the need for additional capacity. The program accomplishes this by cycling the Participants' air conditioning unit(s) temporarily in a KCP&L Greater Missouri Operations 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 also have adequate paging and/or radio coverage or constantly connected, Wi-Fi enabled internet service and have a working, central air conditioning system of suitable size and technology to be controlled by the programmable thermostat. Commercial property owner's permission may be required for a tenant to participate. The Company reserves the right to limit program participation.

**CONTROLS AND INCENTIVES:**

Participants will receive a free programmable thermostat that can be controlled via radio or Wi-Fi signals sent to the unit by Company or its assignees. If Participant has a Wi-Fi enabled, programmable thermostat designated as compatible with Company and/or its assignee's communication network, the Participant may elect to enroll their thermostat into the Program. During a curtailment event, Company or its assignee will send a radio or Wi-Fi signal to the thermostat that will cycle the Participant's air conditioner. Participants may also receive additional monetary incentives to participate in the Program, pursuant to the Program's parameters as outlined on the Company website and/or Program enrollment portal. Participants may use the programmable thermostat throughout the year to improve heating and cooling efficiency.

**CYCLING METHODS:**

Company may elect to cycle Participants' air conditioner units either by raising the thermostat setting two to four degrees during the curtailment event, or by directly cycling the compressor unit.

**NOTIFICATION:**

Company will notify Participants of a curtailment event via a website and/or on the thermostat or via push notification on their smart phone. 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.

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ELECTRIC**15.09 DEMAND RESPONSE INCENTIVE****PURPOSE:**

This voluntary program is designed to reduce customer load during peak periods to help defer future generation capacity additions and provide for improvements in energy supply. The maximum recurring monthly and/or annual bill credit will not cause the Program's cost to be higher than the benefits realized from the avoided capacity.

**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 Demand Response Incentive provisions. The Customer (or Participant) must have a load curtailment capability of at least 25 kW during the Curtailment Season and within designated Curtailment Hours, and must agree to establish Firm Power Levels as set forth herein. Availability is further subject to the economic and technical feasibility of the installation of required Company equipment. The Company reserves the right to limit the total Curtailable Load determined under this program.

A customer may enroll directly with KCP&L or with a KCP&L-approved Aggregator. A KCP&L-approved Aggregator is an entity, 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 KCP&L under this Program; and b) the receipt of incentive payments from KCP&L.

**AGGREGATION OF A CUSTOMER'S MULTIPLE ACCOUNTS:**

For the purposes of this program only and at the Company's option, a Customer with multiple accounts may request that some or all of its accounts be aggregated with respect to Estimated Peak Demands, Curtailable Loads and Firm Power Levels, so long as each account in the aggregation is able to provide a Curtailable Load of at least 25 kW. The aggregated account will be treated as a single account for purposes of calculating the Program Participation Payments, Curtailment Occurrence Payments and Penalties.

**TERM OF CONTRACT:**

Contracts under this program shall be a standard contract for each program provision and shall be effective as of the date of contract execution and will expire as indicated in the customer contract but no later than the end of the Program Period. Thereafter, Customers may enter into a new contract subject to the terms and conditions of this program as may be modified from time to time. Written notice by either the Customer or Company to terminate a contract must be given at least thirty (30) days prior to commencement of the Curtailment Season. The Company shall provide Commission Staff and The Office of the Public Counsel with the standard contracts to be used for each program provision. Customers may view standard contract forms at [www.kcpl.com/save-energy-and-money/for-business](http://www.kcpl.com/save-energy-and-money/for-business).

KCP&L is not required to curtail all Participants simultaneously and may stagger curtailment events across participating Participants.

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Issued by: Darrin R. Ives, Vice President

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## 15.09 DEMAND RESPONSE INCENTIVE

(continued)

### PROGRAM PROVISIONS:

This Program may be executed by either of two methods:

#### **Traditional Demand Response Incentive (DRI)**

A Participant with load curtailment potential during the Curtailment Season and designated Curtailment hours enrolls directly with KCP&L or KCP&L-approved Aggregator. The Participant agrees to curtail load at or below their contracted Firm Power Level during a KCP&L Curtailment Event. The Participant or Aggregator receives an event notice from KCP&L and they may manually execute their facility curtailment plan to fulfill their contract. The Participant receives financial incentives from June through September for Program participation and payments for successful hourly event performance or penalties for non-performance. Participants are notified in advance of scheduled curtailment events and may opt not to participate in an event, but KCP&L reserves the right to assess financial penalties and or contract termination for non-participation as described in Participant's individual contract.

#### **Automated Demand Side Management (ADSM)**

A Participant with load curtailment potential during the Curtailment Season and designated Curtailment hours enrolls directly with KCP&L or a KCP&L-approved Aggregator. KCP&L then utilizes the Participant's building energy management system to measure, analyze and report near real time curtailable load capacity. This two-way communication system creates a near real-time bridge between the Program and the Participant's curtailable equipment. The Participant or their Aggregator receives the curtailment event notice from KCP&L then sends the signal to the energy management system to control individual equipment loads to meet necessary kW load reduction. The Participant may override this automated signal before or during an event. Participant receives a financial incentive for participation, but no per event payment. Any limitations on event over-rides or associated penalties are detailed in the Participant's individual contract. The Aggregator delivering the ADSM method will provide specific terms of participation in Participant's Agreement that may vary from the following Program Provisions.

### CURTAILMENT SEASON:

The Curtailment Season shall be determined based upon the method or curtailment, with Customers contracting directly with KCP&L participating in a curtailment season period of June 1 through September 30. The Curtailment Season directly contracted Customers will exclude Independence Day and Labor Day, or the days celebrated as such. Customers contracted with and participating in a KCP&L-approved Aggregator's portfolio shall experience a mutually agreed upon curtailment season pursuant to the terms of the KCP&L-approved Aggregator's contract with the Customer, which may extend the Curtailment Season from January 1 through December 31.

KCP&L is not required to curtail all Participants simultaneously and may stagger curtailment events across participating Participants.

### CURTAILMENT LIMITS:

The DRI Customer contract shall specify the Maximum Number of Curtailment Events for which the Customer agrees to curtail load during each Curtailment Season. For customers contracting directly with KCP&L Greater Missouri Operations Company, the Maximum Number of Curtailment Events shall be at least one (1) but shall not exceed ten (10) separate occurrences per Curtailment Season. Each Curtailment Event shall be no more than eight consecutive hours and no more than one occurrence will be required per day. The Company may call a Curtailment Event no more than three consecutive days per calendar week. The cumulative hours of Curtailment Hours per Customer shall not exceed eighty (80) hours in any Curtailment Season.

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**15.09 DEMAND RESPONSE INCENTIVE**

(continued)

**CURTAILMENT LIMITS: (continued)**

For Customer's contracted through a Company-approved Aggregator, the Maximum Number of Curtailment Events, Duration of Curtailment Events and Frequency of Curtailment Events shall be defined within the Customer's contract and mutually agreed upon by Company, the Customer, and the Aggregator.

**ESTIMATED PEAK DEMANDS:**

The Estimated Peak Demand is the average of the Customer's Monthly Maximum Demand for Monday through Friday between 12:00 noon and 8:00 p.m. for June 1 through September 30 from the previous year.

The Company may use such other data or methodology as may be appropriate to establish the Estimated Peak Demand.

**ESTIMATED PEAK DEMAND MODIFICATIONS:**

The Company may review and, if necessary, adjust the Customer's Estimated Peak Demand based on evidence that the Customer's actual peak demand has changed, or will change, significantly from the Estimated Peak Demand currently being used to calculate the Customer's Curtailable Load. If a change in the Customer's Estimated Peak Demand results in a change in its Curtailable Load, the Customer shall lose and/or be required to repay its curtailment compensation proportional to the number of days curtailment was not available and the change in the Curtailable Load.

**FIRM POWER LEVELS:**

The Customer's Firm Power Level, which is the maximum demand level to be drawn during a Curtailment Event, shall be set at least 25 Kw less than the Customer's Estimated Peak Demand.

**FIRM POWER LEVEL MODIFICATIONS: (continued)**

Additionally, any change in Firm Power Level that decreases Curtailable Load for the Customer shall result in re-evaluation of all curtailment compensation to the Customer including any payment or credits made in advance of the Curtailment Season. The Customer shall repay the Company prior payments/credits made in excess of the curtailment compensation due based on the decreased level of Curtailable Load.

Additionally, any change in Firm Power Level that decreases Curtailable Load for the Customer shall result in re-evaluation of all curtailment compensation to the Customer including any payment or credits made in advance of the Curtailment Season. The Customer shall repay the Company prior payments/credits made in excess of the curtailment compensation due based on the decreased level of Curtailable Load.

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## 15.09 DEMAND RESPONSE INCENTIVE

(continued)

### **CURTAILABLE LOAD:**

Curtable 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 Curtable Load shall be the same amount for each month of the contract. Under no circumstances shall the Curtable Load be less than 25 kW. Curtable 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 rates 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 Curtable 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: 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:**

Curtailments can be requested for operational or economic reasons. Operational curtailments 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 curtailment 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.

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**RULES AND REGULATIONS**  
**ELECTRIC****15.09 DEMAND RESPONSE INCENTIVE****(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.

**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 additional 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.

**KCP&L Greater Missouri Operations Company**

P.S.C. MO. No. 1 Second Revised Sheet No. R-102  
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For Missouri Retail Service Area

**RULES AND REGULATIONS  
ELECTRIC**

**15.17 WHOLE HOUSE EFFICIENCY**

PURPOSE

The Whole House Efficiency program is designed to encourage residential Customers to implement whole-house improvements by promoting home energy assessments, comprehensive retrofit services and high efficiency mechanical equipment.

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. Residential customers that rent a residence must receive the written approval of the homeowner/landlord to participate in the program.

PROGRAM PROVISIONS

KCP&L Greater Missouri Operations Company will hire a Program Administrator to implement this program Options 1 and 2 of the program will be delivered jointly with Spire Energy so that eligible customers utilizing both utilities' services may receive energy savings from each respective utility. Spire Energy will enter into a contract with KCP&L Greater Missouri Operations, and KCP&L GMO will be responsible for implementing and delivering all services associated with the program. This may include Contractor/Consultant recruiting, training and certification, management of the lead generation process, installation of program measures and quality assurance including resolution of any reported customer complaints. KCP&L Greater Missouri Operations program offering is not contingent upon joint-delivery with Spire Energy.

The program consists of three options:

Option 1: Home Energy Assessment. Customer receives an in-home energy assessment and direct installation of low-cost measures. The assessment will identify potential efficiency improvements.

Option 2: Weatherization Measures. Customers that have completed a comprehensive energy audit are eligible to receive incentives for the purchase and installation of air sealing and insulation.

Option 3: HVAC Equipment. Customers are eligible to receive incentives for qualifying HVAC equipment installed by an authorized contractor. These measures will not be delivered jointly with Spire Energy.

ELIGIBLE MEASURES AND INCENTIVES

Measures filed in Case No. EO-2015-0241 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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Issued by: Darrin R. Ives, Vice President

Effective: June 3, 2018  
1200 Main, Kansas City, MO 64105

**KCP&L Greater Missouri Operations Company**  
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**RULES AND REGULATIONS**  
**ELECTRIC****15.20 INCOME-ELIGIBLE MULTI-FAMILY****PURPOSE:**

The objective of this program is to deliver long-term energy savings and bill reductions to income-eligible customers in multi-family housing. This will be achieved through directly installed energy savings measures and comprehensive retrofits. The program also distributes free CFLs to the income-eligible community through food banks and other not-for-profit organizations.

**AVAILABILITY:**

The Income-Eligible Multi-Family program is available for the Program Period to any customer receiving service under any residential rate schedule or business customers served under GS or SGS rate schedules, meeting one of the following building eligibility requirements:

- Reside in federally-subsidized housing units and fall within the federal program's income guidelines. State Low-Income Housing Tax Credit buildings will be eligible only to the extent allowed under state law.
- Reside in non-subsidized housing with income levels at or below 200% of federal poverty guidelines. Where a property has a combination of qualifying tenants and non-qualifying tenants, at least 51% of the tenants must be eligible to receive incentives for the entire building to qualify. For Income-Eligible Multi-Family properties with less than 51% qualifying tenants, the building owner will be required to verify installation of comparable qualified energy efficiency measures at their expense in all non-qualifying units. Upon verification and approval, the program may upgrade the entire building, common areas and all of the remaining eligible units with qualified energy efficiency measures.

**PROGRAM PROVISIONS:**

KCP&L Greater Missouri Operations will jointly deliver the Program with Spire Energy so that eligible customers utilizing both utilities' services may receive energy savings from each respective utility. Spire Energy will enter into a contract with KCP&L Greater Missouri Operations, and KCP&L GMO will be responsible for implementing and delivering all services associated with the Program. This may include Contractor/Consultant recruiting, training and certification, management of the lead generation process, installation of program measures and quality assurance including resolution of any reported customer complaints.

The Program Administrator will provide the necessary services to effectively implement the program, including but not limited to direct installation of low-cost measures for income-eligible homeowners and renters in multi-family housing. Comprehensive retrofits and measures will be available to the multi-family housing owner, as a custom incentive, for building and individual unit improvements. KCP&L Greater Missouri Operations program offering is not contingent upon joint-delivery with Spire Energy.



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15.20 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-2015-0241 are eligible for program benefits and Incentives and may be offered for promotion during the Program Period. Eligible Measures and Incentives directly paid to customers may be found at [www.kcpl.com](http://www.kcpl.com).

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**RULES AND REGULATIONS**  
**ELECTRIC****15.22 RESIDENTIAL PROGRAMMABLE THERMOSTAT****PURPOSE:**

The voluntary Programmable Thermostat Program is intended to help reduce system peak load and thus defer the need for additional capacity. The program accomplishes this by cycling the Participants' air conditioning unit(s) or heat pump(s) temporarily in a KCP&L Greater Missouri Operations 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 also have adequate paging and/or radio coverage or constantly connected, Wi-Fi enabled internet service and have a working, central air conditioning system of suitable size and technology to be controlled by the programmable thermostat. Residential property owner's (owner occupant or landlord for a rental property) permission is required to participate. The Company reserves the right to limit program participation.

**CONTROLS AND INCENTIVES:**

Participants will receive a free programmable thermostat that can be controlled via radio or Wi-Fi signals sent to the unit by Company or its assignees. If customers have a Wi-Fi enabled programmable thermostat designated as compatible with Company and/or its assignee's communication network, the customer may elect to enroll their thermostat into the Program. During a curtailment event, Company or its assignee will send a radio or Wi-Fi signal to the thermostat that will cycle the Participant's air conditioning unit. Participants may also receive additional monetary incentives to participate in the program, pursuant to the Program's parameters as shown on the Company website and/or Program enrollment portal. Participants may use the programmable thermostat throughout the year to improve heating and cooling efficiency.

**CYCLING METHODS:**

Company may elect to cycle Participants' air conditioning units either by raising the thermostat setting two to four degrees during the curtailment event, or by directly cycling the compressor unit.

**NOTIFICATION:**

Company will notify Participants of a curtailment event via a website and/or on the thermostat or via push notification to their smart phone. 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.