

**KANSAS CITY POWER & LIGHT COMPANY**

(Name of Issuing Utility)

Replacing Schedule 7 Sheet 1

Rate Areas No. 2 & 4

(Territory to which schedule is applicable)

which was filed January 10, 2006

No supplement or separate understanding shall modify the tariff as shown hereon.

Sheet 1 of 2 Sheets

**RESIDENTIAL, SMALL AND MEDIUM GENERAL SERVICE AIR CONDITIONER CYCLING RIDER ENERGY OPTIMIZER PROGRAM**  
Schedule ACC

**PURPOSE:**

The Energy Optimizer Program is intended to help reduce system peak load and thus defer the need for additional capacity. The Program accomplishes this by cycling a Participant's air conditioning unit (and/or other appliances) temporarily in a Company coordinated effort to limit overall system peak load. This Program is set forth in the Stipulation and Agreement approved by the Kansas Corporation Commission in Docket No. 04-KCPE-1025-GIE.

**AVAILABILITY:**

The Energy Optimizer Program is available to any Customer currently receiving or requesting service under any residential rate schedule or any small or medium general service rate schedule. Customers must also have adequate paging and/or radio coverage and have a working central air conditioning system of suitable size and technology to be controlled by the programmable thermostat and economically contribute to the Program. Residential property owner's (owner occupant or landlord for a rental property) permission is required to participate. Commercial property owner's permission may be required for the tenant to participate, based on thermostat ownership. The Company may limit the number of participants based on available Program budget and reserves the right to modify or terminate the Program at any time subject to Commission approval.

**CONTROLS AND INCENTIVES:**

Participating Customers will receive a programmable thermostat that can be controlled via radio signals sent to the unit by the Company or its assignees. During a curtailment event, the Company or its assignee will send a radio signal to the thermostat that will cycle the air conditioner and/or other equipment. Customers may use the programmable thermostat throughout the year to improve heating and cooling efficiency. Other Company-supplied control devices may be substituted for, or provided in addition to, the programmable thermostat to control other appliances such as pool pumps or electric water heaters with the Customer's permission.

**CYCLING METHODS:**

The Company may elect to cycle participating Customers' air conditioner units either by raising the thermostat setting, or by directly cycling the compressor unit.

**NOTIFICATION:**

The Company will notify participating Customers of a curtailment event via a website and/or on the thermostat. 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.

08-KCPE-275-TAR  
Approved  
Kansas Corporation Commission  
October 3, 2007  
/s/ Susan K. Duffy

Issued: September 6, 2007  
Month Day Year  
Effective: OCT 3 - 2007  
Month Day Year  
By: Chris Giles Vice President  
Title

FILED  
THE STATE CORPORATION COMMISSION OF KANSAS  
By: \_\_\_\_\_  
Secretary

**KANSAS CITY POWER & LIGHT COMPANY**

(Name of Issuing Utility)

Replacing Schedule 7 Sheet 2

Rate Areas No. 2 & 4

(Territory to which schedule is applicable)

which was filed January 10, 2006

No supplement or separate understanding shall modify the tariff as shown hereon. Sheet 2 of 2 Sheets

**RESIDENTIAL, SMALL AND MEDIUM GENERAL SERVICE AIR CONDITIONER CYCLING RIDER ENERGY OPTIMIZER PROGRAM**  
Schedule ACC (Continued)

**CURTAILMENT LIMITS:**

The Company may call a curtailment event any weekday, Monday through Friday, excluding Independence Day and Labor Day, or any day celebrated as such. A curtailment event occurs whenever the thermostat is being controlled by the Company. The Company may call a maximum of one curtailment event per day lasting no longer than four (4) hours per Customer. The Company is not required to curtail all participating Customers simultaneously and may stagger curtailment events across participating Customers

**CURTAILMENT OPT OUT PROVISION:**

Participating Customers may opt out of one air conditioning cycling curtailment event each month during the Curtailment Season by notifying the Company at any time prior to or during a curtailment event. Notification must be communicated to the Company by using the Company's website ([www.kcpl.com](http://www.kcpl.com)) or by calling the Company at the telephone number provided with the air conditioner cycling agreement. If an event does not occur on the day the Customer requested to opt out, the Customer is not considered as having used their once-per-month opt out provision.

**NEED FOR CURTAILMENT:**

Curtailments may be requested for operational or economic reasons. Operational curtailments may occur when any physical operating parameter(s) approach a constraint on the generation, transmission or distribution systems or to maintain the Company's capacity margin requirement. Economic reasons may include any occasion when the marginal cost to produce or procure energy or the price to sell the energy in the wholesale market is greater than a Customer's retail price.

**CONTRACT TERM:**

Initial contracts will be for a term of three years. Thereafter, the contract will continue to be in force, except that the Customer may terminate the program on 90 days written notice. At the end of the initial contract term, the thermostat becomes the Customer's property; and, so long as the contract is in force, the Company will provide maintenance and repair to the programmable thermostat as may be required due to normal use. If the Customer leaves the Program prior to the end of the initial contract, the Company will have 60 days thereafter to remove the thermostat and/or other control equipment; otherwise, any equipment previously installed at Company expense becomes the Customer's property. With the exception of thermostats, the Company may retain ownership of all other Company supplied control devices after the initial contract term.

08-KCPE-275-TAR  
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Kansas Corporation Commission  
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