

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

For All Territory Served as L&P and MPS

RULES AND REGULATIONS
ELECTRIC

10.07 Air Conditioning Upgrade Rebate Program

A. PURPOSE:

The Air Conditioning Upgrade Rebate Program (ACUR or Program) is designed to encourage Residential Customers to:

- Have working, central cooling systems evaluated and, if feasible, brought back to factory specifications (re-commissioned), or
- Replace less efficient, working central cooling systems with high efficiency central cooling systems.

This Program is offered in accordance with Section 393.1075, RSMo. Supp. 2009 (the Missouri Energy Efficiency Investment Act).

B. DEFINITIONS:

EER – *Energy Efficiency Ratio*, the efficiency rating for the air conditioner or heat pump at a particular pair of external and internal temperatures. Calculated by dividing the amount of cooling put out by an air conditioning system, in British thermal units (Btu), divided by the amount of energy put in to it in watts (W). If the air conditioning capacity of a heat pump is 48,000 Btu and the compressor, fan and pumps consume 3.43 kW (3,430 watts), the EER is: $48,000 / 3,430 = 14.0$.

HVAC – *Heating, Ventilation, Air Conditioning*.

Program Administrator – The Program will be implemented by a third-party vendor specializing in programs of this type.

ACUR HVAC Contractor – A properly licensed HVAC contractor who requests to participate in the Program and completes training courses conducted by the Program Administrator.

SEER – *Seasonal Energy Efficiency Ratio*, the efficiency rating for the air conditioner or heat pump over a range of expected external temperatures (i.e., the temperature distribution for the geographical location for the SEER test). SEER rating is the Btu of cooling output during a simulated, typical cooling season divided by the total electric energy input in watt-hours during the same period. The relationship between SEER and EER is relative because equipment performance is dependent on seasonal temperature, humidity, and air pressure patterns.

C. AVAILABILITY:

This Program is available to any current Customer with a working, central home cooling system receiving service under any generally available residential rate schedule.

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Air Conditioning Upgrade Rebate Program (continued)

C. AVAILABILITY (continued)

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

Pursuant to Section 393.1075 (14), any customer who has received a state tax credit under Section 135.350 through 135.362, RSMo, or under Sections 253.545 through 253.561, RSMo, shall not be eligible for participation in this program due to the monetary incentives offered to the customer. As provided for in the Commission's rules, customer shall attest to non-receipt of any such tax credit during the application process and acknowledge that the penalty for a customer who provides false documentation is a class A misdemeanor.

D. PROGRAM PROCESS:

Prospective Customer participants will be identified in three ways:

- Customer electric usage data will be evaluated to identify Customers with a high probability of operating less efficient central air conditioning equipment.
- Participating ACUR HVAC contractors may identify existing Customers within the Company service area that are suitable for the Program.
- Customers interested in the program, but not identified through the above means may contact a participating ACUR HVAC contractor or the Company directly. A listing of participating ACUR HVAC Contractors will be posted on the Company website.

The following general process will be followed to serve Customers in the Program:

- The Program Administrator will assign participating Customers to a ACUR HVAC Contractor for service.
- The ACUR HVAC Contractor will evaluate the Customer's cooling system using the Program Administrator's preferred protocols to verify system eligibility for program measures.
- Customers with working equipment that can be re-commissioned to operate above an EER rating of 8.0 will be offered an opportunity to return the equipment as close as possible to manufacturer specifications at no cost to the customer. Re-commissioning efforts will be limited to refrigerant charge, non-ductwork air flow system adjustments, and basic filters.
- Customers with working equipment that cannot be re-commissioned to operate above an EER rating of 8.0 will be eligible for program early replacement incentives.
- All participating Customers will receive a cost estimate for replacement of their system with a higher efficiency system. The Customer will be responsible for the cost of the replacement equipment. (Estimates for higher efficiency systems will include the applicable incentives.)
- The Customer may choose not to re-commission or replace their equipment.
- Six Compact Florescent Lights will be given to all Customers completing the initial verification of system eligibility process regardless of their equipment choices.
- Where work is performed, a second protocol evaluation will be completed to verify the re-commissioning modifications or ensure the quality installation of new equipment.
- Incentives are provided to Customers through the ACUR HVAC Contractors to help offset equipment costs and provide for quality installation practices.

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Air Conditioning Upgrade Rebate Program (continued)

E. PROGRAM ADMINISTRATION:

The ACUR Program will be implemented by the Program Administrator. The Program Administrator will be responsible for market research, marketing, training, incentive processing, and status reporting associated with the Program. The Company will maintain oversight of the Program through monthly, quarterly, and yearly status reports and meetings with the Administrator.

The Program Administrator will identify and contact HVAC Contractors associated with national brand networks or industry associations to recruit ACUR HVAC Contractors. Other HVAC Contractors wishing to become ACUR HVAC Contractors may contact the Company directly for consideration. Prospective Contractors will be required to complete training courses and adhere to all Program Guidelines conducted and implemented by the Program Administrator.

F. PROGRAM COST:

Program related services and incentives will be paid to the ACUR HVAC Contractor by the Program Administrator who will then bill the Company on a per unit basis. Unit pricing is defined in agreements with the Program Vendor. Incentive amounts of \$650 per unit for installation of replacement SEER 14.0 or SEER 15.0 rated systems and \$850 per unit for installation of SEER 16.0 or above rated systems will be paid to the ACUR HVAC Contractor. The ACUR HVAC contractor will pass the replacement equipment incentive to the Customer in the form of an itemized credit on the transaction documents. Similarly, if re-conditioning is feasible the cost will be paid by the Company through the Program Administrator to the ACUR HVAC contractor.

G. PROGRAM PERIOD:

This energy efficiency program shall be effective through December 31, 2015. If the program is terminated prior to the end of the program plan under this provision, only incentives for qualifying measures that have been installed or approved for installation prior to the program termination will be provided to the customer.