

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

For All Territory Served as L&P and MPS

RULES AND REGULATIONS
ELECTRICSheet No.

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Vice President

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10.01 Summary of Types and Amount of Reimbursements Allowed

Energy Efficiency and Demand Response Programs and Reimbursement

<u>Section</u>	<u>Program</u>	<u>Type</u>	<u>Amount</u>	<u>Limits</u>
10.03 (E)	Income-Eligible Weatherization	Weatherization Assistance	Up to \$6,500	per home
10.04 (E)5	Energy Star® New Homes	HERS Inspection	Up to \$750	per new home
10.04 (E)6	Energy Star® New Homes	Energy Star®	Up to \$800	per new home
10.04 (C)	Energy Star® New Homes: Annual Maximum per builder or per development is \$150,000			
10.05 (D)	Bldg Operator Certification	Tuition	\$575	per level
10.07 (F)	Cool Homes Air Conditioning Upgrade Rebate	SEER 14 or 15	Replacement Cooling System	\$650 per unit
		SEER 16.0 or above	Replacement Cooling System	\$850 per unit
10.10 (E)	Home Performance With Energy Star®	Residential Audit and Prescriptive Measures	Up to \$600	per home
10.11 (E)	Commercial and Industrial Custom Rebate	All Classes New and Retrofit	Up to \$250,000	per customer per program year
10.12	MPower Rider	Commercial Curtailment		per contract terms
10.13 (F)	Residential Lighting and Appliance	Eligible Lighting and Appliance Measures	\$10-\$100	per measure
10.15 (E)	Multi-Family Rebate	Energy Efficient Products	Up to \$250,000	per participant
10.16 (F)	Commercial & Industrial Prescriptive Rebate	All Classes Retrofit	Up to \$250,000	one rebate per measure per premise every 5 years
10.17 (E)	Appliance Turn-In	Removal of Inefficient Secondary Appliances	\$75	per unit for up to 3 units
10.18 (D)	Home Lighting Rebate	Instant In-store Rebate	\$1.30 to \$2.00 \$4.00 to \$7.00	per CFL lamp per LED lamp

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10.02 Projected Annual Energy and Demand Savings Targets by Program During the Three-Year Plan, MEEIA Program Revenue Requirements and MEEIA and Pre-MEEIA Opt-Out Provisions

These targets are based on savings at customers' meters (excluding transmission and distribution line losses).

Total kWh savings by program 2013-2015

Program	2013	2014	2015	Cumulative Annual Total by Program
Residential Lighting & Appliance	1,250,047	2,571,764	2,617,676	6,439,487
Multi-Family	833,364	1,714,509	1,745,118	4,292,991
Energy Star New Homes	1,264,882	1,285,882	1,308,838	3,859,602
Cool Homes Air Conditioning Upgrade Rebate	6,398,183	6,632,546	6,890,465	19,921,194
Home Performance with Energy Star	2,108,136	2,143,137	2,181,397	6,432,670
Income-Eligible Weatherization	421,627	428,627	436,279	1,286,533
Appliance Recycling	400,015	822,964	837,656	2,060,635
C&I Prescriptive Rebates	4,166,822	8,572,547	8,725,588	21,464,957
C&I Custom Rebates	19,394,851	19,716,858	20,068,853	59,180,562
Energy Optimizer	0	0	0	0
MPower	0	0	0	0
Business Energy Analyzer	0	0	0	0
Home Energy Analyzer	0	0	0	0
Residential Reports	3,048,049	8,131,980	0	11,180,029
Building Operator Certification	0	0	0	0
Home Lighting Rebate		9,582,031	15,580,197	25,162,228
Total	39,285,976	61,602,845	60,392,067	161,280,888

Total kW savings by program 2013-2015

Program	2013	2014	2015	Cumulative Annual Total by Program
Residential Lighting & Appliance	636	1308	1331	3,275
Multi-Family	56	115	117	288
Energy Star New Homes	386	392	399	1,177
Cool Homes Air Conditioning Upgrade Rebate	3,743	3,882	4,036	11,661
Home Performance with Energy Star	971	988	1,005	2,964
Income-Eligible Weatherization	30	30	31	91
Appliance Recycling	0	60	61	121
C&I Prescriptive Rebates	858	1,765	1,796	4,419
C&I Custom Rebates	2,634	2,678	2,726	8,038
Energy Optimizer	2,977	2,822	2,662	8,461
MPower	14,308	3,824	3,505	21,637
Business Energy Analyzer	0	0	0	0
Home Energy Analyzer	0	0	0	0
Residential Reports	469	1,251	0	1,720
Building Operator Certification	0	0	0	0
Home Lighting Rebate		1,018	1,655	2,673
Total	27,068	20,133	19,324	66,525

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10.07 ~~Cool Homes~~ Air Conditioning Upgrade Rebate Program

A. PURPOSE:

The ~~Cool Homes~~ Air Conditioning Upgrade Rebate Program (CHPACUR 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:

~~CheckMe!~~[®] — A testing process developed by Proctor Engineering Group, Ltd. used to properly evaluate air conditioning system performance.

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.

CHPACUR HVAC Contractor – A properly licensed HVAC contractor who requests to participate in the ~~Cool Homes~~ 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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Cool Homes 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 CHPACUR 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 CHPACUR HVAC contractor or the Company directly. A listing of participating CHPACUR 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 CHPACUR HVAC Contractor for service.
- The CHPACUR HVAC Contractor will evaluate the Customer's cooling system using CheckMe!® 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 CheckMe!® verification of system eligibility process regardless of their equipment choices.
- Where work is performed, a second CheckMe!® 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 CHPACUR HVAC Contractors to help offset equipment costs and provide for quality installation practices.

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Cool Homes Air Conditioning Upgrade Rebate Program (continued)

E. PROGRAM ADMINISTRATION:

The CHPACUR 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 CHPACUR HVAC Contractors. Other HVAC Contractors wishing to become CHPACUR 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 CHPACUR 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 CHPACUR HVAC Contractor. The CHPACUR 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 CHPACUR HVAC contractor.

G. PROGRAM PERIOD:

This energy efficiency program shall be effective through December 31, 2015, ~~for three years from the effective date of the tariff. If the program has not begun implementation at the effective date, the program will end three years from the effective date of the tariff sheet.~~ If the program is terminated prior to the end of the ~~three-year~~ 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.

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