

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 13th Revised Sheet No. R-3
 Canceling P.S.C. MO. No. 1 12th Revised Sheet No. R-3

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

For All Territory Served as L&P and MPS

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ELECTRIC

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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
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

*Programs frozen on February 11, 2015. Savings to be accomplished by remaining programs.

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
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

*Programs frozen on February 11, 2015. Savings to be accomplished by remaining programs.

Issued January 12, 2015
 Issued by: Darrin R. Ives,
 Vice President

Effective: February 11, 2015

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RULES AND REGULATIONS
ELECTRIC**10.04 Energy Star® New Homes (FROZEN)**

- A. **PURPOSE:** This voluntary Energy Star® New Homes (ESNH) Program is designed to improve the energy efficiency of homes built in the residential construction market by applying efficient construction techniques and high-performance products (windows, doors, appliances, lighting, and heating and cooling systems) in accordance with guidelines set by the U.S. Environmental Protection Agency through the Energy Star® program. Homes built under the Energy Star® guidelines are typically 20–30% more energy efficient than standard homes. This Program is offered in accordance with Section 393.1075, RSMo. Supp. 2009 (the Missouri Energy Efficiency Investment Act).
- B. **DEFINITIONS:**
1. **Builder** – Companies or individuals in the business of constructing new, residential homes in the Company service territory.
 2. **HERS Index** – The Home Energy Rating System (HERS) Index is a scoring system established by the Residential Energy Services Network. In that system homes are given a score indicating their relative level of energy efficiency:
 - a home built to the specifications of the HERS Reference Home, based on the 2006 International Energy Conservation Code (IECC), scores a HERS Index of 100,
 - a home that produces as much energy as it consumes in a year, achieving net zero energy consumption, scores a HERS Index of 0, and
 - a home that does not meet the 2006 IECC would have a HERS Index greater than 100.

The lower a home's HERS Index, the more energy efficient it is in comparison to the HERS Reference Home. Each 1-point decrease in the HERS Index corresponds to a 1% reduction in energy consumption compared to the HERS Reference Home.
 3. **HERS Rater** – A person certified by the Residential Energy Services Network, in accordance with their standards, to produce accurate and fair HERS Index ratings.
- C. **AVAILABILITY:** The training, rating and incentive elements of the Program are available to Builders constructing new homes (homes that are three stories or less including site-constructed homes, attached or detached homes, single or low-rise multi-family residential buildings, system-built homes (structural insulated panels or modular) and log homes) within the Company service territory area. Multi-family buildings greater than three stories are allowed if permitted as residential by local building codes and each individual unit has its own heating, cooling, and hot water system. Annual maximum rebates will be capped at \$150,000 per builder per development. A development is defined as 5 or more dwellings.

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.

This Program is not available after February 11, 2015.

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ELECTRIC

Energy Star® New Homes (FROZEN)

(continued)

Pursuant to Section 393.1075 (14) RSMo, 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 PERIOD:

This energy efficiency program shall be effective 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.

E. PROGRAM PROCESS:

1. The company will complete the necessary requirements to obtain status with Energy Star® to promote the ESNH Program regionally.
2. The Company will work with Builders in the Company's Missouri service territory to help them achieve Partner status with Energy Star® under the ESNH program.
3. As necessary, the Company will expand the availability of Raters certified to evaluate homes under the Home Energy Rating System (HERS) standards within the Company's service territory. The HERS program will be used to provide independent, third party verification of ESNH construction
4. Builders will construct homes according to one of the following agreement structures:
 - a. Performance agreement – In this structure Builders submit construction plans for analysis prior to construction. Using standardized software, the analysis will yield a HERS Index Rating. Homes built to the specifications of construction plans analyzed to have an index of 85 or below will qualify for Energy Star® rating.
 - b. Prescriptive agreement – In this structure Builders apply specific energy efficiency measures, pre-defined by Energy Star® and available through their website (www.energystar.gov), to a new home. The measures include high efficiency heating and cooling equipment, ductwork, windows, water heating, lighting, and appliances. High efficiency measures are defined as above ASHRAE baseline standards. Where applicable, Energy Star® rated equipment is specified.

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Energy Star® New Homes (FROZEN)

(Continued)

E. PROGRAM PROCESS (Continued):

5. For single homes, onsite inspections will be completed by HERS Raters twice during the construction and once following completion of the home to verify compliance with Energy Star® requirements. For multiple homes built in the same subdivision, HERS Raters will use the "Energy Star® for Homes Revised Sampling Protocol Guidelines." HERS Raters will be assigned to a Builder by the Company. The Company will reimburse Builders for HERS ratings per Section 10 of these Rules. A Builder whose homes consistently fail the verification process will become ineligible to participate in the Program.
6. For homes that achieve Energy Star® qualification, Builders may request a rebate per Section 10 of these Rules toward the incremental cost of meeting Energy Star® requirements. The rebate request form is available from the Company.
7. The Company will promote the Program to residential Customers through mediums that may include press releases, direct mailings, bill messages, bill inserts, trade ally communications, and web site materials.
8. The Company will obtain Energy Star® materials and establish a clearinghouse of training materials, marketing resources and tools that can be used by Builders and the Company to implement and promote the Program.

F. PROGRAM ADMINISTRATION: The Program will be administered by the Company in compliance with terms established by Energy Star®.

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10.15 Multi-Family Rebate Program (FROZEN)

- A. **PURPOSE:** The Multi-family Rebate Program advances comprehensive energy efficiency measures, including: whole house solutions, plug load efficiency, visual monitoring and displays, performance standards, local government opportunities and DSM integration.

Multi-family property owners and managers have been historically less responsive to energy efficiency efforts than have residential customers. This unique customer segment warrants additional attention and effort to motivate property owners and managers to actively participate in energy efficiency programs. The Multi-family Rebate Program proposes a series of comprehensive measures designed to address systems within multi-family housing establishments.

The Multi-family Rebate Program offers prescribed rebates for energy efficient products to motivate the multi-family property owners/managers to install energy efficient products in both common and dwelling areas of multi-family complexes and common areas of mobile home parks and condominiums. An additional objective is to heighten property owners/managers and tenants awareness and knowledge of energy efficiency.

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

- B. **AVAILABILITY:** Eligible Participants include property owners, managers and authorized agents of existing residential multifamily complexes with two or more dwellings, receiving electric service from the company, may participate in this Program. New construction does not qualify.

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) RSMo, 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.

This Program is not available after February 11, 2015.

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Multi-Family Rebate Program (FROZEN)

(continued)

C. PROGRAM PERIOD:

This energy efficiency program shall be effective 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.

D. PROGRAM PROCESS:

The following general process will be followed:

- Participants should obtain and review the Multi-family Rebate Program Application.
- Participants submit Application to the Company to reserve rebates funds for the property. Upon approval (or denial) of the Application, Participants will receive confirmation by letter.
- Purchase and install eligible energy efficient products.
- Complete the rebate documentation along with a copy of all purchase receipts.

E. PROGRAM PROVISIONS:

Reservations for rebates are required and will be accepted on a first-come, first-served basis prior to the installation of any product(s). Rebates will not be paid without a corresponding reservation. Multiple rebate reservations for different phases of the energy efficiency retrofit projects for the same complex are acceptable. A single Participant cannot have more than \$250,000 in rebate reservations at any point in time. Reservations are valid for 90 calendar days from the date of reservation request. Contact details will be posted on KCPL.com.

Participants are free to hire any licensed contractor to install these eligible measures. The Company has no liability or responsibility whatsoever, concerning the contractor.

Participants are responsible for complying with applicable permitting requirements, restrictions, codes, ordinances, rules, and regulations pertaining to all installations. All eligible measures must be purchased new. Measures that are used, rebuilt, resale, rented or leased, won as prizes, or provided by insurance companies do not qualify.

Rebates are limited to only one rebate per eligible measure (for example, lighting retrofit) per address every five (5) years. The final requested total rebate amount for the total project cannot exceed the reserved total rebate amount.

The Company may conduct an on-site inspection to verify eligible measure(s) eligibility, installation, and operation prior to payment of the rebate.

Eligible measures installed and paid incentives under this Program are not eligible for an incentive through any of the Company's other Energy Efficiency programs.

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Multi-Family Rebate Program (FROZEN)

(continued)

E: PROGRAM PROVISIONS (continued)

A rebate check for eligible measure(s) will be mailed no later than eight weeks after the Company receives the completed application including all required documentation. If the project is selected for inspection, the verification process may delay payment. Incomplete or incorrect applications cannot be processed. Participants will be notified if applications do not meet the requirements. The Program Administrator may make available, either directly or indirectly through Program Partners, rebates and incentives on certain approved ENERGY STAR® products. Customer Incentives to purchase Eligible Lighting and Appliance Measures may be provided on the Company's website, KCPL.com.

F. ELIGIBLE MEASURES:

MEASURE	REBATE
Attic Insulation	\$0.15/Square Foot
Wall Insulation	\$0.15/Square Foot
High Performance Dual Pane Windows	\$0.75/Square Foot
HVAC Remove or Add Refrigerant	\$30 / Unit
Tune-up Service for AC Unit to 8.5 SEER	\$30 / Unit
HVAC - Early Retirement Install 14 SEER AC or HP	\$ 450 / Unit
HVAC - Early Retirement Install 15 SEER AC or HP	\$500 / Unit
HVAC - Early Retirement Install 16 SEER AC or HP	\$575 / Unit
HVAC - Upon Failure Install 14 SEER AC or HP	\$ 100 / Unit
HVAC - Upon Failure Install 15 SEER AC or HP	\$125 / Unit
HVAC - Upon Failure Install 16 SEER AC or HP	\$140 / Unit
Room A/C - Install 10 EER or Higher Window AC	\$25 / Unit
Install Ceiling Fan	\$50 / Unit
Install programmable thermostat	\$35 / Unit
Install electronically commutated motors, for AC and Heat Pump Blowers	\$50 / Unit
Replace 13 Seer A/C with 16 SEER HP	\$140 / Unit
Install Compact Fluorescent Lamps in all Apartments	\$0.25 per Lamp
Install CFLs in corridors, laundry and mechanical rooms	\$0.25 per Lamp
Install High Efficiency Exterior Lighting Systems	\$0.75 per Lamp
Purchase Energy Star Refrigerator	\$ 75 / Unit
Reduce infiltration to 15000 CFM50	\$0.10/Square Foot

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 1st
Canceling P.S.C. MO. No. 1

Revised Sheet No. R-64.08
Original Sheet No. R-64.08

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Multi-Family Rebate Program (FROZEN)

(continued)

F. ELIGIBLE MEASURES (continued):

For two family residential buildings, all building thermal envelope measures are required to meet minimum requirements of the 2012 International Residential Code, Part IV, Chapter 11, Section N1102.1.1 through N1102.1.4 ("IRC Code"). Table N1102.1.1 of the IRC Code specifies the minimum R-factor insulation and fenestration requirements by component. Alternative U-Factors may be used provided they meet the requirements of the IRC Code. For other residential buildings, other than single or two-family, building thermal envelope measures are required to meet the minimum requirements of the IECC 2012 International Energy Efficiency Code, Chapter 4, Section 402. Table 402.1.1 of the IECC code specifies the minimum R-Factor insulation and fenestration requirements by component.