

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 09 7<sup>th</sup> REVISED SHEET NO. 22-2  
 CANCELLING P.S.C. KY. NO. 09 6<sup>TH</sup> REVISED SHEET NO. 22-2

**TARIFF D.S.M.C.**  
**(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**RATE. (Cont'd.)**

5. The DSM adjustment shall be filed with the Commission ten (10) days before it is scheduled to go into effect, along with all the necessary supporting data to justify the amount of the adjustments, which shall include data, and information as may be required by the Commission.
6. Copies of all documents required to be filed with the Commission under this regulation shall be open and made available for public inspection at the office of the Public Service Commission pursuant to the provisions of KRS 61.870 to 61.884.
7. The resulting range for each customer sector per KWH during the three-year Experimental Demand-Side Management Plan is as follows:

CUSTOMER SECTOR

	<u>RESIDENTIAL</u> (\$ Per KWH)	<u>COMMERCIAL</u> (\$ Per KWH)	<u>INDUSTRIAL*</u>
Floor Factor =	0.000461	0.000695	- 0 -
Ceiling Factor =	0.001226	0.002250	- 0 -

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8. The DSM Adjustment Clause factor (\$ Per KWH) for each customer sector which fall within the range defined in Item 7 above is as follows:

CUSTOMER SECTOR

	<u>RESIDENTIAL</u>	<u>COMMERCIAL</u>	<u>INDUSTRIAL*</u>
<u>DSM (c)</u>	456,727	973,934	- 0 -
S (c)	1,192,498,560	661,190,816	- 0 -
Adjustment Factor	\$ 0.000383	\$ 0.001473	- 0 -

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\* The Industrial Sector has been discontinued pursuant to the Commission's Order dated September 28, 1999.

**PROGRAM DESCRIPTIONS.**

The D.S.M.C. program availability, program, rate, and equipment descriptions follow:

(Cont'd on Sheet No. 22-3)

DATE OF ISSUE: AUGUST 14, 2014

DATE EFFECTIVE: SERVICE RENDERED ON AND AFTER SEPTEMBER 28, 2014

ISSUED BY: JOHN A. ROGNESS III 

TITLE: DIRECTOR OF REGULATORY SERVICES

BY AUTHORITY OF ORDER BY THE PUBLIC SERVICE COMMISSION

IN CASE NO. 2014-00271 DATED

KENTUCKY POWER COMPANY

P.S.C. KY. NO. 9 1<sup>ST</sup> Revised Sheet No. 22-3  
CANCELLING P.S.C. KY. NO. 9 Original Sheet No. 22-3

**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: TEE – Targeted Energy Efficiency**

**AVAILABILITY OF SERVICE**

Available on a voluntary basis to individual residential customers receiving retail electric service from the Company, who have primary electric heat and use an average of 700 kWh per month. Residential customers without primary electric heating may also be eligible for limited efficiency measures if they have electric water heating and use an average of 700 kWh from November through March. To qualify, the household's income cannot exceed the designated poverty guidelines as administered by the local community action agency. The household must also qualify according to the guidelines for the Weatherization Assistance Programs administered by the local community action agencies.

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**PROGRAM DESCRIPTION**

The Kentucky Power Targeted Energy Efficiency Program (TEE) provides weatherization and energy efficiency services to qualifying residential customers who need help reducing their energy bills. The Company provides funding for this program through the Kentucky Community Action network of not-for-profit community action agencies. The program funding and service is supplemental to the Weatherization Assistance Programs offered by the local community action agency. This program provides energy saving improvements to an existing home. Program services can include these items, as applicable and per program guidelines:

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- Energy audit
- Air infiltration diagnostic test to find air leaks
- Air leakage sealing
- Attic, floor, side-wall insulation
- Duct sealing and insulation
- High efficiency compact fluorescent light bulbs (CFLs)
- Domestic hot water heating insulation (electric)
- Customer education on home energy efficiency
- Partial funding High efficiency heat pump (restrictions apply)

**RATE**

No rate applies for this program.

**EQUIPMENT**

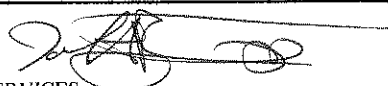
The Kentucky Community Action network of not-for-profit community action agencies will furnish and install, in the customer's presence, the equipment as provided by this program.

( Cont'd on Sheet No. 22-4)

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P.S.C. KY. NO. 9 1<sup>ST</sup> Revised Sheet No. 22-4  
CANCELLING P.S.C. KY. NO. 9 Original Sheet No. 22-4

**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: MEF – Modified Energy Fitness**

**AVAILABILITY OF SERVICE**

Available on a voluntary basis to individual residential customers who receive retail electric service from the Company and use an average of 1,000 kWh per month over the last twelve months. Customers living in site built homes and mobile homes are eligible. T

**PROGRAM DESCRIPTION**

The Kentucky Power Modified Energy Fitness Program (MEF) provides weatherization and energy efficiency services to qualifying residential customers who need help reducing their energy bills. This program provides energy saving improvements to a customer's existing home. Program services may include these items, as applicable and per program guidelines. T

- Complete energy audit with customized report
- Air infiltration diagnostic test to find air leaks
- Energy savings booklet
- Energy conservation measures installed (per program guidelines)

**RATE**

No rate applies for this program.

**EQUIPMENT**

The Company, or its authorized agents, will furnish and install, in the customer's presence, the energy conservation measures as provided by this program.

(Cont'd on Sheet No. 22-5)

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**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: EEFS – Energy Education for Students**

**AVAILABILITY OF SERVICE**

All schools within Kentucky Power's service territory are eligible to participate. The program targets students.

**PROGRAM DESCRIPTION**

The Kentucky Power Student Energy Education Program (EEFS) targets students at participating schools within the Kentucky Power Company service territory. The program introduces them to various aspects of responsible energy use and conservation. With this program, students use math and science skills to learn how energy is produced and used, and methods to conserve energy that can easily be applied in their own homes.

The Company partners with the National Energy Education Development Project (NEED) to implement this program. NEED is an established and respected energy education organization that has been presenting programs for teachers and students in Eastern Kentucky for many years. The program, provided at no cost to participating school systems, includes:

- Professional development for teachers where they will receive classroom curriculum and educational materials on energy, electricity, economics and the environment
- Each Student receives compact fluorescent lights (CFLs) to help students apply their classroom learning at home
- An opportunity for participating students and their families to make the ENERGY STAR® Pledge

**RATE**

No rate applies for this program.

**EQUIPMENT**


The CFLs furnished by the Company are delivered to the schools for delivery to students. The CFLs will not be installed by the Company, or its authorized agents.

(Cont'd on Sheet No. 22-6)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 9 1<sup>st</sup> Revised Sheet No. 22-7  
CANCELLING P.S.C. KY. NO. 9 Original Sheet No. 22-7

**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: REP - Residential Efficient Products**

**AVAILABILITY OF SERVICE**

All Kentucky Power residential customers are eligible to participate.

**PROGRAM DESCRIPTION**

The Kentucky Power Residential Efficient Products Program (REP) offers residential customers rebates on select ENERGY STAR products at participating retail stores across our service territory. The program targets the purchase of products through in-store promotion as well as special sales events. Customer incentives facilitate the increased purchase of high efficiency products while in-store signage, sales associate training and support makes provider participation easier.

A convenient online store where customers can shop for energy efficient lighting products and get immediate discounts is also available.

**RATE**

Vendor controlled and adjusted rebates can range up to \$2.00 for standard CFL, and \$2.00 per specialty CFL, for up to a 12-bulb limit per purchase is available while funds last. The rebate for LED bulbs can range up to \$9.00. The rebate for select ENERGY STAR appliances can range up to \$50. The rebate for Heat Pump Water Heaters can range up to \$500.

**EQUIPMENT**

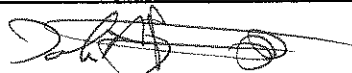
No equipment required to participate in this program will be furnished or installed by the Company, or its authorized agents. It is the customer's responsibility to purchase and install the required equipment.

(Cont'd on Sheet No. 22-8)

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**TARIFF D.S.M.C.  
 (DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: HEHP – High Efficiency Heat Pump**

**AVAILABILITY OF SERVICE**

Available on a voluntary basis to individual residential customers who live in site built homes with a central electric resistance heating system or an existing less efficient heat pump system and have received retail electric service from the Company for the past twelve months at that residence.

**PROGRAM DESCRIPTION**

The Kentucky Power High Efficiency Heat Pump (HEHP) offers an incentive to residential customers who upgrade their central electric resistance heating system or existing less efficient heat pump system to a new, high efficiency heat pump unit. To qualify, the new heat pump unit must have a minimum rating of 13 SEER (Seasonal Energy Efficiency Ratio) and 7.7 HSPF (Heating Seasonal Performance Factor) for resistance heat upgrade, or 14 SEER and 8.2 HSPF for upgrading from a less efficient existing heat pump to a high efficiency heat pump unit.

**RATE**

An incentive up to \$500 is offered to residential customers that qualify.

System	Tier	SEER	HSPF	Incentive
Resistance Heating	1	13	7.7	\$300
	2	14	8.2	\$500
Replace Heat Pump	1	14	8.2	\$300
	2	15	8.5	\$500

No equipment required to participate in this program will be furnished or installed by the Company, or its authorized agents. It is the customer's responsibility to purchase and install the required equipment by an approved HVAC dealer participating in the program.

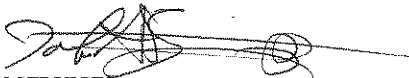
( Cont'd on Sheet No. 22-9)

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**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: MHHP – Mobile Home High Efficiency Heat Pump**

**AVAILABILITY OF SERVICE**

Available on a voluntary basis to individual residential customers who live in a mobile home with a central electric resistance heating system or an existing electric heat pump and have received retail electric service from the Company for the past twelve months at that residence.

**PROGRAM DESCRIPTION**

The Kentucky Power Mobile Home High Efficiency Heat Pump (MHHP) offers an incentive to residential customers who live in a mobile home and upgrade their central electric resistance heating system with a new, high efficiency heat pump unit. To qualify, the new heat pump unit must have a minimum rating of 13 SEER (Seasonal Energy Efficiency Ratio) and 7.7 HSPF (Heating Seasonal Performance Factor). To qualify for heat pump replacement, the new heat pump unit must have a minimum rating of 14 SEER and 8.2 HSPF.

**RATE**

An incentive of up to \$500 is offered to residential customers that qualify.

System	Tier	SEER	HSPF	Incentive
Resistance Heating	1	13	7.7	\$300
	2	14	8.2	\$500
Replace Heat Pump	1	14	8.2	\$300

**EQUIPMENT**

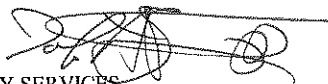
No equipment required to participate in this program will be furnished or installed by the Company, or its authorized agents. It is the customer's responsibility to purchase and install the required equipment by an approved HVAC dealer participating in the program.

( Cont'd on Sheet No. 22-10)

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 9 1<sup>ST</sup> Revised Sheet No. 22-11  
CANCELLING P.S.C. KY. NO. 9 Original Sheet No. 22-11

**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: Residential & Commercial HVAC Diagnostic and Tune-up**

**RESERVED FOR FUTURE USE**

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KENTUCKY POWER COMPANY

P.S.C. KY. NO. 9 1<sup>st</sup> Revised Sheet No. 22-13  
CANCELLING P.S.C. KY. NO. 9 Original Sheet No. 22-13

**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: CIP – Commercial Incentive Program**

**AVAILABILITY OF SERVICE**

All commercial (non-industrial) customers in Kentucky Power's service territory are eligible to participate.

**PROGRAM DESCRIPTION**

The Kentucky Power Commercial Incentive Program (CIP) and the associated Express Program, offers customers a convenient way to receive funding for common energy efficiency projects. The Commercial Incentive Program provides financial incentives to business customers who implement qualified energy-efficient improvements and technologies. T

Incentives are available for a variety of energy-saving technologies in existing buildings and new construction projects. Customers may choose from a menu of prescriptive measures with standardized incentives. Custom measures are also offered and are evaluated on a case by case basis. The program menu includes, but is not limited to, incentives for:

- Lighting
- Heating, ventilation, and air conditioning (HVAC)
- Food Service and Refrigeration

A complete list of the eligible equipment and incentive amounts can be found in the Program Application located at [KentuckyPower.com/save/programs](http://KentuckyPower.com/save/programs).

**RATE**

For commercial customers that qualify for the Commercial Incentive Program, the maximum payout is 50% for incremental equipment costs, up to \$20,000 annually per customer account. The Express Program maximum payout for qualifying customers is 70% of installed equipment cost, up to \$20,000 annually per customer account. KPCo may revise the payback range and/or the maximum incentive per project based upon program implementation contractor recommendations and/or overall customer response to the program. T  
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**EQUIPMENT**

The Company, or its authorized agents, will administer the evaluation of customer installed energy measures. The Company, or its authorized agents, may provide support for the installation services through approved program contractors.

**AGREEMENT**

A customer program application agreement is required to participate in this program.

(Cont'd on Sheet 22-14)

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P.S.C. KY. NO. 9 ORIGINAL SHEET NO. 22-14  
CANCELLING P.S.C. KY. NO. 9 \_\_\_\_\_ SHEET NO. 22-14

**TARIFF D.S.M.C.**  
**(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM:** Residential Home Performance

**AVAILABILITY OF SERVICE**

All Kentucky Power residential customers are eligible to participate.

**PROGRAM DESCRIPTION**

The Kentucky Power Residential Home Performance offers residential customers a written "Home Energy Report" (HER) that is received separately from their normal utility bills. The HER is designed to assist residential participants reduce their electricity usage by encouraging them to alter their electricity consumption habits and providing detailed information on residential energy consumption.

Access to participant information and more relevant tips will be available through an Internet web portal.

**RATE**

No rate applies for this program.

**EQUIPMENT**

It is the customer's responsibility to purchase and install the required equipment. No equipment required to participate in this program will be furnished or installed by the Company, or its authorized agents.

(Cont'd on Sheet No. 22-15)

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KENTUCKY POWER COMPANY

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CANCELLING P.S.C. KY. NO. 9 SHEET NO. 22-15

**TARIFF D.S.M.C.  
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

**PROGRAM: Appliance Recycling**

**AVAILABILITY OF SERVICE**

All Kentucky Power residential customers having a second operational refrigerator or freezer are eligible to participate.

**PROGRAM DESCRIPTION**

The Residential Appliance Recycling Program is designed to produce long-term electric energy savings in the residential sector by permanently removing operable secondary refrigerators and freezers from the power grid and recycling them in an environmentally safe manner.

The program targets customers that possess more than one refrigerator and/or freezer and offers an incentive for removing these units from service. This program provides the benefit of lowering energy bills by reducing energy consumption, keeping the appliances out of the used market, and uses environmentally-sound technologies and procedures to recycle the old appliances.

**RATE**

The incentive range will be established by the Company. The current range is \$40 to \$55 depending on customer participation. KPCO may offer special promotions to increase program participation.

**EQUIPMENT**

No equipment will be furnished or installed by the Company, or its authorized agents.

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