

DSM - 10

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Community Assistance Resources for Energy Savings Program

Purpose

EKPC Community Assistance Resources for Energy Savings (“CARES”) program provides an incentive to enhance the weatherization and energy efficiency services provided to the retail members of the owner-members of EKPC by the Kentucky Community Action Agency (“CAA”) network of not-for-profit community action agencies or by Kentucky’s non-profit affordable housing organizations (“AHO”). EKPC will provide an incentive through the owner-member to the CAA or AHO on behalf of the retail member. EKPC’s program has two (2) primary objectives. First, EKPC’s incentive will enable the CAA or AHO to accomplish additional energy efficiency improvements in each home. Second, the additional incentive from EKPC will assist the CAA or AHO in weatherizing more homes.

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Availability

This U.S. Department of Energy’s Weatherization Assistance Program is available to retail members who qualify for weatherization and energy-efficiency services through their local CAA in all service territories of the owner-members of EKPC.

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Weatherization and energy efficiency services provided by Kentucky’s AHO’s are also available to retail members in all service territories of the owner-members of EKPC.

Eligibility

AGENCY QUALIFICATIONS

- CAA’s and AHO’s must be registered with the IRS as 501(c)(3) non-profit organizations and work to improve housing affordability for low to moderate income Kentuckians.

HOMEOWNER QUALIFICATIONS

- A participant must be a retail member of one of EKPC’s owner-members.
- A participant must qualify for weatherization and energy efficiency services according to the guidelines of either the Weatherization Assistance Program administered by the local CAA or the AHO. Household income cannot exceed the designated poverty guidelines administered by the CAA or AHO.
- A participant must dwell in either a Heat Pump-Eligible Home or a Heat Pump-Ineligible Home. For purposes of this tariff:

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A Heat Pump-Eligible Home is a single-family or multi-family individually metered residential dwelling that utilizes electricity as the primary source of heat or that switches from wood as its primary source of heat to an electric furnace; and

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Anthony S. Campbell,
President and Chief Executive Officer

**KENTUCKY
PUBLIC SERVICE COMMISSION**

Linda C. Bridwell
Executive Director



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A Heat Pump-Ineligible Home is a single-family or multi-family individually metered residential dwelling (that does not utilize electricity as the primary source of heat but cools the home with central or window unit air conditioners. Each Heat Pump-ineligible home must also have an electric water heater and use an average of 500 kWh monthly from November to March.

Payments**HEAT PUMP - ELIGIBLE HOMES**

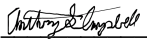
EKPC will reimburse the owner-member for rebates paid to a CAA or AHO at the rates detailed below. The maximum incentive possible per household is \$2,000, which can be reached by using any combination of the following improvements not to exceed their individual maximums:

- **HEAT PUMP:**
Upgrading from low-efficiency electric heat source to a heat pump will be reimbursed at a rate of one-hundred percent (100%) of the total incremental cost (material + labor) up to a maximum of \$2,000 per household. Incremental cost is the additional cost of upgrading from a low-efficiency electric heat source to a heat pump above and beyond any costs associated with the electric furnace. The existing heat source must be electric (or switching from wood to electric) to qualify.
- **WEATHERIZATION IMPROVEMENTS:**
Any of the following weatherization improvements made to the home will be reimbursed at a rate of fifty percent (50%) of a CAA's or AHO's cost (material + labor), up to a maximum of \$1,000:
 - Insulation
 - Air sealing
 - Duct sealing, insulating, and repair
 - Water heater blanket

Health and safety measures completed at the home do not qualify for the incentive and documentation required from a CAA or AHO must adhere to the program guidelines. Quality assurance sampling will be conducted by the owner-member at a rate of ten percent (10%).

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HEAT PUMP - INELIGIBLE HOMES

EKPC will reimburse a CAA's or AHO's energy efficiency efforts through the owner-member at the rates detailed below. The maximum incentive possible per household is \$750, which can be reached by using any combination of the following improvements not to exceed the maximum:

- **WEATHERIZATION IMPROVEMENTS:**
Any of the following weatherization improvements made to the home will be reimbursed at a rate of twenty-five (25%) of a CAA's or AHO's cost (material + labor) up to a maximum of \$750:
 - Insulation
 - Air sealing
 - Duct sealing, insulating, and repair
 - Water heater blanket

Health and safety measures completed at the home do not qualify for the incentive and documentation required from a CAA or AHO must adhere to the program guidelines. Quality assurance sampling will be conducted by the owner-member at a rate of ten percent (10%).

LOST REVENUE AND ADMINISTRATIVE COSTS

The owner-member will receive a transfer payment of \$600 to cover lost revenue and \$100 to cover its administrative cost. T

Term

The program is an ongoing program.

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Button-Up Weatherization Program

Purpose

The Button-Up Weatherization Program offers an incentive for reducing the heat loss of a home. The retail member may qualify for this incentive by improving attic insulation and by reducing the air leakage of their home or by sealing their HVAC duct system.

Availability

This program is available in all service territories of the owner-members of EKPC.

Eligibility

This program is targeted at older single-family, multi-family or manufactured dwellings. Eligibility requirements are:

- Home must be 2-years old or older to qualify for the incentive.
- Primary source of heat must be electricity.

The Button Up incentive will promote the reduction of energy usage through air sealing on the part of retail members. Typical air sealing could include caulking, improved weather stripping, sealing attic accesses, etc. To receive this incentive either an EKPC approved contractor or owner-member representative must perform a “pre” and “post” blower door test to measure actual Btuh reduced.

The attic insulation portion of the Button Up incentive will promote the reduction of energy usage on the part of the retail member. Heat loss calculation of Btuh reduced will be made by using either the Manual J 8th Edition or through other methods approved by EKPC. Heat loss calculations in Btuh are based on the winter design temperature. In order to receive an incentive for attic insulation, an air seal must be completed.



The HVAC duct sealing portion of the Button up is a standalone measure that can be utilized to air seal HVAC duct systems located in un-heated spaces. Air sealing ducts with traditional mastic sealers is an effective way to lower energy costs.

- Limited to homes that have accessible centrally ducted heating systems in unconditioned areas.
- Initial duct leakage must be greater than 10cfm per 100ft²
- Contractor or owner-member Representative are required to conduct a “pre” and “post” blower door test to verify reductions. Only contractors trained or pre-approved by EKPC may be used.
- Duct leakage per system must be reduced to less than 8cfm per 100ft² (Ex: Duct system serves 1200ft. 1200ft²/100= 12 x 8cfm= Duct Seal Target of 96cfm)

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Button-Up Weatherization Program (continued)

- All joints in the duct system must be sealed with foil tape and duct mastic. Foil tape alone does not qualify as properly sealing the duct system.

For homes that have two or more separately ducted heat systems, each system will qualify independently for the incentive.

Payments

The air sealing and ceiling insulation portion of the Button Up incentive will pay a total payment of \$70 per thousand Btuh reduced and the maximum rebate incentive up to \$750 (\$40 per thousand Btuh to the retail member and \$30 per thousand Btuh to the owner-member). EKPC will also pay the owner-member an administrative fee of \$230 and up to \$565 for lost margins. EKPC will pay up to a total transfer payment of \$1,545.

The HVAC duct sealing portion of the Button Up program will pay a \$400 incentive to residential members (or their contractor) that meets the eligibility requirements for duct sealing listed above. EKPC will also pay the owner-member an administrative fee of \$100 and lost margins of \$150. EKPC will pay a total transfer payment of \$650.

Term

The program is an ongoing program.

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