

Section DSM - 3

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HVAC Duct Sealing Program

Purpose

The HVAC Duct Sealing Program offers blower door tests to evaluate and identify costly duct leaks and an incentive to seal leaking ductwork either with traditional mastic sealers or with the *Aeroseal* duct-sealing program. Duct losses are to be reduced to 10% or less, and duct loss measurement requires the use of a blower door test and the blower door subtraction method.

Availability

This program is available to residential members in all service territory served by Big Sandy RECC.

Eligibility

This program is targeted at any single-family or multi-family dwellings using electric furnaces or electric heat pumps. Eligibility requirements are:

- Limited to homes that have centrally ducted heating systems in unconditioned areas, using only electricity as a fuel source.
- Duct system must be 2 years old or older.
- Initial duct leakage must test greater than 10% of the fan's rated capacity.
- Contractor or Co-op Representative are required to conduct a "pre" and "post" blower door test to verify reductions. Only contractors trained or approved by EKPC may be used.
- Duct leakage per system must be reduced to below 10% of the fan's rated capacity (assuming 400cfm per ton, ex. 2 ton system= 800 cfm, thus duct leakage must be reduced to 80cfm or less). If duct system cannot be reduced to 10% of fan's rated capacity, contractor is expected to provide a detailed justification.
- All joints in the duct system must be sealed with foil tape and mastic. Foil tape alone does not qualify as properly sealing the duct system.
- For homes that have two separately ducted heat systems, each system will qualify independently for the incentive.

Incentive

Big Sandy RECC will provide a \$250 incentive to residential members (or contractor) that meet the Eligibility requirements listed above.

Term

The program is an ongoing program.

**CANCELLED**

March 1, 2019

**KENTUCKY PUBLIC  
SERVICE COMMISSION**

**KENTUCKY  
PUBLIC SERVICE COMMISSION**

**JEFF R. DEROUEN  
EXECUTIVE DIRECTOR**

TARIFF BRANCH

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DATE OF ISSUE: March 30, 2012 DATE EFFECTIVE: Service rendered on Brent Kirtley, 2012.

ISSUED BY [Signature] TITLE President & Chief Executive Officer

Issued by authority of an Order of the Public Service Commission of Kentucky in Case No. \_\_\_\_\_ Dated \_\_\_\_\_

**EFFECTIVE  
4/30/2012  
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