

Section DSM – 4c

HVAC Duct Sealing Program

(N)

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 and/or duct blaster.

Availability

This program is available in all service territories served by EKPC.

Eligibility

This program is targeted to single-family homes 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.

Transfer Payment

EKPC will provide a transfer payment of up to \$500 to the Member System Cooperative to cover administrative costs, lost revenue, and the \$250 recommended incentive to the retail customer. Lost revenue calculations may fluctuate based on current rates.

Term

The program is an ongoing program.

FILED
NOV 02 2012
KENTUCKY PUBLIC
SERVICE COMMISSION

KENTUCKY PUBLIC SERVICE COMMISSION
JEFF R. DEROUEN EXECUTIVE DIRECTOR
TARIFF BRANCH
<i>Brent Kirtley</i> 12.
EFFECTIVE 5/31/2012
INSUANT TO 807 KAR 5.011 SECTION 9 (1)

DATE OF ISSUE: April 30, 2012 DATE EFFECTIVE: Service rendered on and after

ISSUED BY *Jim Min* or *A.S. Campbell* TITLE President & Chief Executive Officer

Issued by authority of an Order of the Public Service Commission of Kentucky
Case No. _____ Dated _____