

CUMBERLAND VALLEY ELECTRIC, INC

For Entire Territory Served
P.S.C. No. 4
Original Sheet No. 77
Cancelling Original Sheet No. _____

Touchstone Energy Home

CANCELLED
MAR 02 2019
KENTUCKY PUBLIC SERVICE COMMISSION

Purpose

In an effort to improve new residential home energy performance, Cumberland Valley Electric has designed the Touchstone Energy Home Program. This program provides guidance during the building process to guarantee a home that is $\geq 15-20\%$ more efficient than the Kentucky standard built home. The standard built new home in rural Kentucky typically receives a 100 on the Home Energy Rating System ("HERS") Index. A HERS Index Score of 100 means the home is built to only moderate levels of efficiency- generally the 2004 International Energy Conservation Code ("IECC").

Availability

This program is available to residential members served by Cumberland Valley Electric

Eligibility

To qualify as a Touchstone Energy Home under Cumberland Valley Electric program, the participating single-family home must be located in the service territory of Cumberland Valley Electric and must meet the program guidelines following one of the three available paths of approval. Multi-family dwellings pre-approved by East Kentucky Power Cooperative, Inc. may be eligible.

Prescriptive Path:

- Home must meet each efficiency value as prescribed by Cumberland Valley Electric
- Home must receive pre-drywall inspection and complete Cumberland Valley Electric's pre-drywall checklist (contact the Energy Advisor at Cumberland Valley Electric for a copy of the checklist)
- Home must receive a final inspection, pass a whole house air leakage test (< 7 air changes per hour @50 pascals), and duct leakage test ($< 10\%$ of the fan's rated capacity).
- Primary source of heat must be an Air Source Heat Pump ≥ 14 Seasonal Energy Efficiency Ratio ("SEER")/8.2 Heating Seasonal Performance Factor ("HSPF") or Geothermal
- Water Heater must be an electric storage tank water heater that is $\geq .90$ Energy Factor (EF)

Performance Path Level #1:

- Home must receive a HERS Index score between 80-85 (15-20% more efficient than the KY standard built home)
- Home must receive pre-drywall inspection and complete Cumberland Valley Electric's pre-drywall checklist (contact the Energy Advisor at Cumberland Valley Electric for a copy of the checklist)
- Home must receive a final inspection, pass a whole house air leakage test (< 7 air changes per hour @50 pascals), and duct leakage test ($< 10\%$ of the fan's rated capacity).
- Primary source of heat must be an Air Source Heat Pump ≥ 13 SEER/7.5 HSPF or Geothermal
- Home must pass 2009 IECC performance path.
- Water Heater must be an electric storage tank water heater that is $\geq .90$ (EF)

DATE OF ISSUE: November 28, 2012

DATE EFFECTIVE: Service rendered on and after January 1, 2013.

ISSUED BY: Ted Hampton

TITLE: President Brent Kirtley Executive Officer

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

KENTUCKY PUBLIC SERVICE COMMISSION
JEFF R. DEROUEN EXECUTIVE DIRECTOR
EFFECTIVE 1/1/2013
PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

(continued)

Touchstone Energy Home

Performance Path Level #2:

- Home must receive a HERS Index score of ≤ 79 (At least 21% more efficient than the KY standard built home)
- Home must receive pre-drywall inspection and complete Cumberland Valley Electric's pre-drywall checklist. (contact the Energy Advisor at Cumberland Valley Electric for a copy of the checklist)
- Home must receive a final inspection, pass a whole house air leakage test (< 7 air changes per hour @50 pascals), and duct leakage test ($< 10\%$ of the fan's rated capacity).
- Primary source of heat must be an Air Source Heat Pump $\geq 13\text{SEER}/7.5\text{HSPF}$ or Geothermal
- Home must pass 2009 IECC performance path.
- Water Heater must be an electric storage tank water heater that is $\geq .90$ (EF)

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Prescriptive Path Incentive

Cumberland Valley Electric will provide an incentive of \$750 to residential members that build their new home to meet the requirements of the Prescriptive Path as listed above.

Performance Path Level #1 Incentive

Cumberland Valley Electric will provide an incentive of \$250 to residential members that build their new home to meet the requirements of the Performance Path Level #1 as listed above.

Performance Path Level #2 Incentive

Cumberland Valley Electric will provide an incentive of \$750 to residential members that build their new home to meet the requirements of the Performance Path Level #2 as listed above.

Term

The program is an ongoing program.

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