

CANCELLED

Big Sandy Rural Electric Cooperative

March 2, 2019

**KENTUCKY PUBLIC
SERVICE COMMISSION**

For All Territories Served

P.S.C. No. 34

Original Sheet No. 17

Section DSM

Touchstone Energy Home

Purpose

In an effort to improve new residential home energy performance, Big Sandy RECC 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”).

(N)

Availability

This program is available to residential members served by Big Sandy RECC.

Eligibility

To qualify as a Touchstone Energy Home under Big Sandy RECC program, the participating single-family home must be located in the service territory of Big Sandy RECC 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.

(N)

Prescriptive Path:

- Home must meet each efficiency value as prescribed by Big Sandy RECC.
- Home must receive pre-drywall inspection and complete Big Sandy RECC’s pre-drywall checklist (contact the Energy Advisor at Big Sandy RECC 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 Big Sandy RECC’s pre-drywall checklist (contact the Energy Advisor at Big Sandy RECC 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)

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ISSUED BY *Nan Estep*

TITLE: President & General Manager

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
TARIFF BRANCH
<i>Brent Kirtley</i>
EFFECTIVE 2/14/2015 PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

Section DSM

Touchstone Energy Home (continued)

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 Big Sandy RECC's pre-drywall checklist. (contact the Energy Advisor at Big Sandy RECC 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/7.5HSPF or Geothermal
- Home must pass 2009 IECC performance path.
- Water Heater must be an electric storage tank water heater that is $\geq .90$ (EF)

(N)

Prescriptive Path Incentive

Big Sandy RECC 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

Big Sandy RECC 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

Big Sandy RECC 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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TITLE: President & General Manager

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