

Section DSM - 2

Touchstone Energy Home

Purpose

In an effort to improve new residential home energy performance, Grayson 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").

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Availability

This program is available to residential members served by Grayson RECC.

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Eligibility

To qualify as a Touchstone Energy Home under Grayson RECC program, the participating single-family home must be located in the service territory of Grayson 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 Grayson RECC.
- Home must receive pre-drywall inspection and complete Grayson RECC's pre-drywall checklist (contact the Energy Advisor at Grayson 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 Grayson RECC's pre-drywall checklist (contact the Energy Advisor at Grayson 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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JEFF R. DEROUEN EXECUTIVE DIRECTOR
TARIFF BRANCH
Service rendered by <i>Bunt Kirtley</i> January 1, 2013
EFFECTIVE 1/1/2013
PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

DATE OF ISSUE: November 28, 2012

DATE EFFECTIVE: January 1, 2013

ISSUED BY: /s/Carol Hall Fraley

TITLE: President & Chief Executive Officer

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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 Grayson RECC's pre-drywall checklist. (contact the Energy Advisor at Grayson 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

Grayson 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

Grayson 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

Grayson 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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