

CANCELLED
MAR 02 2019
 KENTUCKY PUBLIC
 SERVICE COMMISSION

Shelby Energy Cooperative, Inc.
 (NAME OF UTILITY)

FOR All Territory Served

PSC KY NO. 9

Original SHEET NO. 404

CANCELLING PSC KY NO. 2

2nd Revised SHEET NO. 1

SECTION DSM
TOUCHSTONE ENERGY HOME

PURPOSE

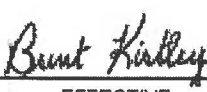

In an effort to improve new residential home energy performance Shelby Energy Cooperative has designed the Touchstone Energy Home Program. This program provides guidance during the building process to guarantee a home that is $\geq 15-20\%$ more efficient than the Kentucky standard built home. The standard 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/homeowner served by Shelby Energy Cooperative.

ELIGIBILITY

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

DATE OF ISSUE <u>January 5, 2016</u> <small>MONTH / DATE / YEAR</small>	KENTUCKY PUBLIC SERVICE COMMISSION JEFF R. DEROUEN EXECUTIVE DIRECTOR TARIFF BRANCH  EFFECTIVE 2/5/2016 <small>PURSUANT TO 807 KAR 5.011 SECTION 9 (1)</small>
DATE EFFECTIVE <u>February 5, 2016</u> <small>MONTH / DATE / YEAR</small>	
ISSUED BY <u></u> <small>SIGNATURE OF OFFICER</small>	
TITLE <u>President & CEO</u>	
BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION IN CASE NO. _____ DATED _____	

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TOUCHSTONE ENERGY HOME

Prescriptive Path:

- Home must meet each efficiency value as prescribed by Shelby Energy Cooperative
- Home must receive pre-drywall inspection and complete Shelby Energy Cooperative's pre-drywall checklist (contact an energy advisor at Shelby Energy Cooperative 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 ≥ .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 Shelby Energy Cooperative's pre-drywall checklist (contact an energy advisor at Shelby Energy Cooperative 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 ≥13SEER/7.5HSPF or Geothermal
- Home must pass 2009 IECC performance path.
- Water Heater must be an electric storage tank water heater that is ≥ .90 (EF)

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 Shelby Energy Cooperative's pre-drywall checklist. (Contact an energy advisor at Shelby Energy Cooperative for a copy of the checklist)

DATE OF ISSUE January 5, 2016
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ISSUED BY *Debra J. Austin*
SIGNATURE OF OFFICER

TITLE President & CEO

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE
 COMMISSION IN CASE NO. _____ DATED _____

KENTUCKY PUBLIC SERVICE COMMISSION
JEFF R. DEROUEN EXECUTIVE DIRECTOR
<small>TARIFF BRANCH</small> <i>Brent Kirtley</i>
<small>EFFECTIVE</small> 2/5/2016 <small>PURSUANT TO 807 KAR 5.011 SECTION 9 (1)</small>

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PSC KY NO. 9
Original SHEET NO. 404.2
CANCELLING PSC KY NO. 6
2nd Revised SHEET NO. 1.2

SECTION DSM
TOUCHSTONE ENERGY HOME

Performance Path Level #2: (continued)

- 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)

PRESCRIPTIVE PATH INCENTIVE

Shelby Energy Cooperative will provide an incentive of \$750 to residential members/homeowner that build their new home to meet the requirements of the Prescriptive Path as listed above.

PERFORMANCE PATH LEVEL #1 INCENTIVE

Shelby Energy Cooperative will provide an incentive of \$250 to residential members/homeowner that build their new home to meet the requirements of the Performance Path Level #1 as listed above.

PERFORMANCE PATH LEVEL #2 INCENTIVE

Shelby Energy Cooperative will provide an incentive of \$750 to residential members/homeowner 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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JEFF R. DEROUEN EXECUTIVE DIRECTOR
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