



# Missouri Division of Energy Missouri Home Energy Certification (MHEC)

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RESNET Building Performance Conference  
February 27- March 1, 2017



Department of Economic Development  
Division of Energy

# About Missouri Division of Energy

As the state's energy office –

The Missouri Division of Energy assists, educates, and encourages Missourians to advance the efficient use of diverse energy resources to drive economic development, provide for a healthier environment and to achieve greater energy security for future generations.

# Missouri Landscape

- Relatively low utility rates.
- Home rule state.
- No statewide energy codes.
- No Public Benefit Funds for EE/RE

## Why Missouri Home Energy Certification (MHEC)?



- Decrease marketplace confusion.
- Increase the level of awareness.
- Provide meaningful recognition.
- Make it voluntary.
- Recognize both new and existing homes.

## MHEC Highlights



- Involved stakeholders.
- Incorporates existing national and local residential EE programs to create a level of consistency with a single platform.
- Recognizes both new homes and existing homes.

# MHEC Program Overview



**The Missouri Division of Energy's Home Energy Certification Program**

This home has achieved a superior level of energy performance and includes the following home energy components:

**Certified GOLD**

**Home address:**  
1234 Main Street  
Anywhere, MO 12345

**Home Energy Auditor:**  
John Doe

**Program Provider:**  
Program Name

**System and score:**  
HES = 8 (or HERS = 65)

**Certificate Issued:**  
June 3, 2014

**Certificate Number:**  
0603141236

- Energy Star heat pump with SEER of 14.5
- R-49 insulation installed on attic floor
- R-15 insulation installed in conditioned basement band joist wall cavity
- Thermal envelope testing of 3ACH50

Lewis Mills  
Director, Division of Energy

The Missouri Home Energy Certification (MHEC) Program is designed to provide for a voluntary approach to promote energy efficient homes through a clear and meaningful recognition program. For more information regarding the program go to <http://energy.mo.gov/energy/mhec>.

- Both new and existing single-family homes are eligible.
- Two certification levels: Gold and Silver.

## MHEC Paths for Gold Certification

An eligible home must achieve one of the following:

- Score of 65 or less on the HERS Index.
- Score of 8 or greater on the HEScore.
- Achieve the equivalence of the 2012 IECC for climate zone 4.
- Receive a Columbia Water & Light Efficiency Score backed by a HES of 8 or greater.
- ENERGY STAR Certified homes.

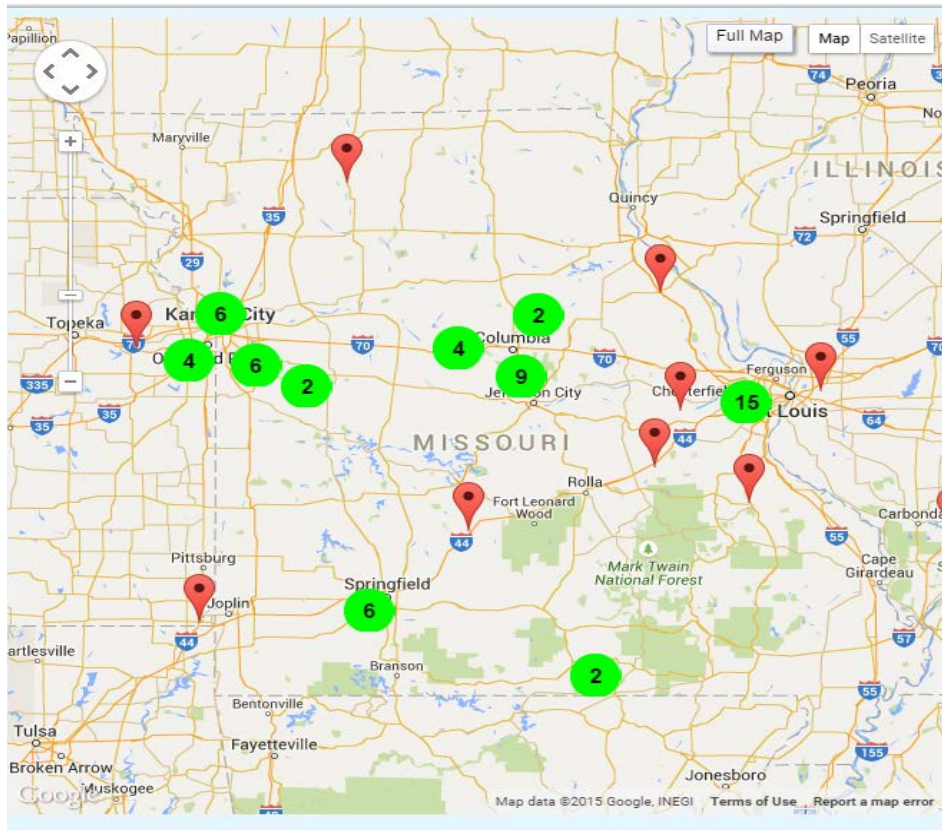
# MHEC Paths for Silver Certification

An eligible home must achieve one of the following:

- All cost effective improvements in HES have been implemented.
- 20 point decrease on the HERS Index.
- 90% efficiency rating on the CWL Efficiency Score.
- 20% energy savings as modeled by an approved program or approved modeling software.



# Missouri Certified Home Energy Auditors



Application Form  
& Instructions

[http://energy.mo.gov/  
energy/hea](http://energy.mo.gov/energy/hea)

## MHEC Next Steps

- Work with Investor-Owned and Municipal Utilities to align energy efficiency programs.
- Reach out to realtors, inspectors, appraisers and homebuilder organizations.
- Survey modeling software used by home energy auditors.
- Work with residential energy stakeholders to overcome technical and market barriers.

## For More MHEC Information

- **Visit our program webpage:**

<http://energy.mo.gov/energy/mhec> or

email [mhec@ded.mo.gov](mailto:mhec@ded.mo.gov)

- **Contact:**

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