

Home Energy Score Webinar

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November 17, 2010

Recovery thru Retrofit: Identified 3 Major Market Barriers

Consumer Information

Consumers do not have access to straightforward and reliable information.

Worker Certification & Training

Consumers and industry want access to consistent workforce standards and a national certification.

Financing

Homeowners need access to financing to pursue investments in energy efficiency.

Helping Address the Information Barrier: Home Energy Score

What is it?

- Standard method for quickly assessing a home's major energy systems and envelope
- Allows comparison between homes regardless of location in U.S.

Who provides it?

- Qualified assessors

What does a consumer get?

- Asset Score
- Recommendations for improvements
- Tips
- List of data inputs used by the assessor

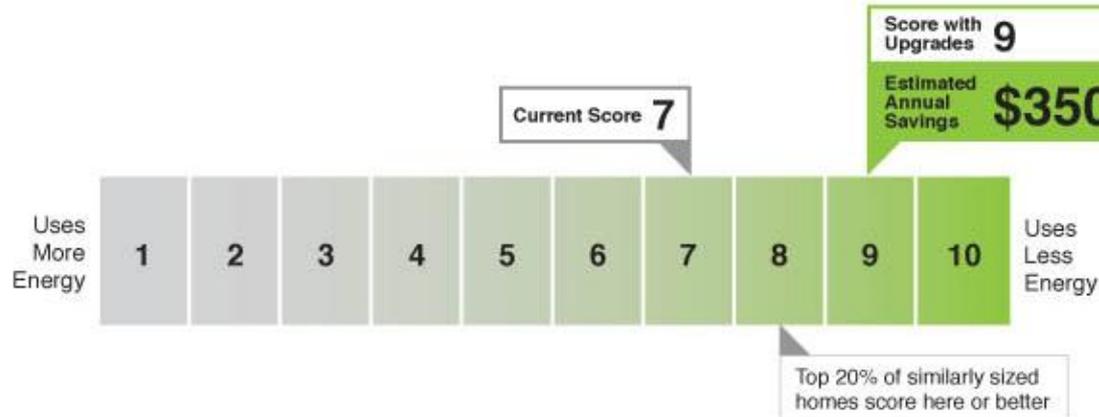
Home Energy Score

HOME ENERGY SCORE

Address **12345 Honeysuckle Lane
Unit 3
Smithville, AR 99999**

Total Energy **140 MBTUs / year**
Home Size **2,200 square feet**
Air Conditioning **Yes**

Climate Zone



Energy use reported in Million British Thermal Units (MBTUs). Estimated savings reflect the amount a homeowner will save on their annual utility bill if all recommended improvements are made. Both energy use and savings estimates assume that 2 adults and 1 child live in the home. Your actual energy use and savings will depend on how you maintain your home, how many people live there, your day-to-day habits and weather. To learn more about how to save energy and money in your home, as well as more about the home energy score, visit: homeenergyscore.gov



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Assessor # **55555** Assessment Date **12/31/2010** Label # **123456789**

Scoring Tool

Home Energy Score Tool

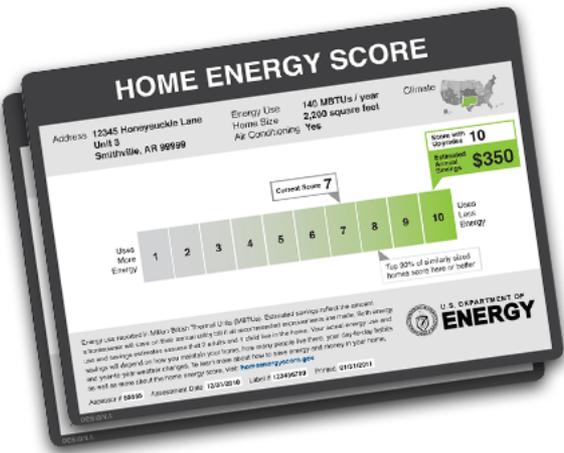
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Home Energy Scoring Tool



HOME ENERGY SCORE

Address: 12345 Honeycuckle Lane
Unit 3
Sensibillville, AR 99999

Energy Use: 140 MBTUs / year
Home Size: 2,200 square feet
Air Conditioning: Yes

Climate: [Map]

Current Score: **7**

Score with Upgrades: **10**

Estimated Annual Savings: **\$350**

Used More Energy: 1 2 3 4 5 6 7 8 9 10 Used Less Energy

Top 20% of similarly sized homes score below or better.

Energy Use measured in Million British Thermal Units (MBTUs). Estimated savings reflect the amount a homeowner will save on their annual utility bill if all recommended upgrades were implemented. To do energy use and savings estimates assumes that a gas and 110 volt line in the home. Your actual energy use and savings will depend on how you use the upgrades. How to use the tool: visit www.homescore.gov and you will see the tool in action. To learn more about how to save energy and money in your home, visit www.eere.energy.gov

Approved # 08000 | Assessment Date: 12/21/2010 | Latitude: 32.846279 | Longitude: 91.5121201

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The Department of Energy's Home Energy Scoring Tool allows qualified assessors to:

- Generate clear, credible home energy assessments at a reasonable cost;
- Recommend customized upgrades and other cost saving tips; and,
- Help consumers compare the energy use of different homes.

The Home Energy Scoring Tool is quick and easy to use. Qualified assessors can gather the information needed to assess a home in one short site visit. This low-cost, high value assessment can be provided as a stand-alone service or as an add-on to a home inspection or comprehensive energy audit.

For more information on how to become a qualified assessor or receive a home energy score, visit www.homenergyscore.gov.



The Home Energy Saver Tool was developed by the Lawrence Berkeley National Laboratory in collaboration with the U.S Department of Energy under the American Recovery and Reinvestment Act (ARRA). The Modeling Engine for Home Energy Saver can be licensed as an API through the Lawrence Berkeley National Laboratory.

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White House Announcement – November 9, 2010

- Home Energy Score (label, recommendations, tips)
- Home Energy Scoring Tool
- 10 pilots
 - Partnering with cities, states, utilities in different climate zones
 - Pilots located in the following states:
 - Virginia
 - Massachusetts
 - Minnesota
 - Indiana
 - South Carolina
 - Colorado
 - Nebraska
 - Texas
 - Oregon
 - Pennsylvania

Next Steps

- November/December
 - Finalize pilot design: Timing, scope, questions to be analyzed, quality assurance approach, data collection, role of USDA/HUD
- January – June 2011
 - Pilot implementation
- June - August 2011
 - Analysis
 - Improvements as needed to Home Energy Score
- Fall 2011
 - Larger national roll-out