RESNET Overview

Steve Baden
RESNET Executive Director

www.resnet.us
Energy Efficiency: “The First Fuel”

Why the “First Fuel”?

- Least cost carbon mitigation option
- Only near-term resource option
- Available everywhere in large amounts
- Best economic strategy
What is RESNET?

- An industry-based, not-for-profit membership corporation
  - Membership composed program administrators, raters, and allied industries
  - Governed by a board of 21 elected by membership
- A national standards making body for building energy efficiency rating and certification systems in the USA
  - Consensus based standard development and amendment process
  - Transparent review and adoption process – Formal public review and comment process
Who Recognizes RESNET?

- Mortgage industry for capitalizing energy efficiency mortgages
- Federal government agencies
  - IRS for tax credit qualification
  - U.S. EPA for ENERGY STAR labeled homes
  - U.S. Department of Energy for *Building America* and National Builders Challenge programs
- States for minimum code compliance in 13 states
RESNET Ratings in 2009

- 116,283 homes rated (31.1% of new homes sold in the US)

- 37,506 homes were certified as complying with federal tax credit (50% more efficient than code – 10.0% of new homes sold in US)
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RATER PROVIDERS 2010

(103)

RESNET
Setting the Standards for Quality
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SPFA-RESNET Partnership

SPFA will use RESNET certified raters that have received SPFA training to conduct the three equality verification inspections. According to SPFA’s criteria for spray foam contractors endeavoring to complete SPFA's contractor credentialing program.
SPFA-RESNET Partnership

SPFA and RESNET will collaborate on educating certified raters on spray foam applications and their potential role in providing quality assurance evaluations.
Why Energy Retrofits of Existing Homes Important

• 107 million existing residential units

• Represents 21% of U.S. energy use

• Creates 20% of U.S. Carbon Emissions

• Two-thirds of all buildings that’ll be in use in 2050 have already been built
Current "Valley of Death" for Energy Audits

- Auditors inspect & test homes
- Leave recommendations to homeowner who must fend for themselves to find contractors
- Consumers are naturally skeptical of contractors
- Qualified contractors are not easy to find
- **SO NOTHING GETS DONE!**
The New Energy Efficiency Industry

+ Provide the TOTAL Solution
+ Work in Home Performance Teams
RESNET’s Approach to Home Performance Contracting

- The independent certified auditor or rater:
  ▫ Performs Initial Audit & Test-In Diagnostics
  ▫ Prescribe Comprehensive Scope of Work
- The Qualified Contractor(s):
  ▫ Performs the Prescribed Work pertaining to their specific trade
- The independent certified auditor or rater:
  ▫ Performs Final Inspection & Test-Out Diagnostics
- The RESNET Audit or Rating Provider provides QC oversight
RESNET EnergySmart Contractor Guidelines

• Adopted by RESNET on November 18, 2010

• Sets qualifications and quality assurance requirements for RESNET EnergySmart Contractors
What’s a RESNET EnergySmart Contractor?

- Company rather than individual designation
- Must have one fulltime employee trained to properly implement residential retrofit work scope recommendations prescribed by a RESNET certified HERS Rater or a BPI certified Building Analyst Professional or Envelope Specialist.
- Contractors are trained to follow RESNET/BPI work standards that will pass the auditor’s final inspection and test-out.
What’s Required for RESNET EnergySmart Contractor Qualification?

• At least one company designee must take the 8-hour RESNET EnergySmart Contractor Course on:
  ▫ Basic Energy Principles
  ▫ Building Shell Fundamentals
  ▫ Work Scope Requirements & Recommendations
• Pass the 50-question RESNET Contractor Exam
• Sign with a RESNET Accredited CEQ for verification, independent complaint resolution process and continuing education
What’s a *Energy Smart* Comprehensive Retrofit Team?

- Team of Specialists. Must contain at a minimum:
  - RESNET Certified Rater of Energy Auditor
  - HVAC Contractor with NATE Technician and Recognized by ACCA
  - Insulation Installer or Air Sealer
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Why be an EnergySmart Contractor?

• Differentiate yourself from your competition and compete less on price.

• Training gives you the knowledge to provide energy efficient solutions to consumers, which will help you close more jobs for more money.

• Be part of a Home Performance Team with RESNET energy raters and auditors who will recommend your services.
Want to Learn More?

Visit Us at the RESNET Exhibit at the Trade Show
Make Plans to Attend the 2011 RESNET Conference