

# The National Building Registry

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# Why?

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How can someone find out if a house has had an energy rating?

How did it score?

Is it Energy Star?

Is it Green?

Other stuff?

- Lack of a national registry of energy ratings

# How?

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- ◉ Online registry of homes
- ◉ Coordination with software providers
- ◉ Coordination with Rating Providers
- ◉ Coordination with Raters
- ◉ Coordination with other systems

# What?

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- A comprehensive database of homes that receive energy ratings
- Including but not limited to:
  - Basic rating information
    - Unique ID issued by the RESNET registry
    - Address
    - Rater/energy auditor's name
    - Rater/auditor contact information
    - Provider's name
    - Providers contact information
  - HERS Index
  - Projected emission reduction data
  - Projected energy use/savings data
  - Tax credit certification data
  - Information on whether the home was sampled
  - Applicable Program Qualification Information
    - ENERGY STAR
    - LEED-H
    - Energy Audit
    - NAHB Green Building
    - National Builders Challenge
    - Other

# Energy Star HOST

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- ◉ Relationship to Energy Star HOST
- ◉ Future replacement of HOST?
- ◉ Cooperative effort with Energy Star

# For Now

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- Key criteria for first generation:
  - Ease of use
  - Simplicity
  - Rock-solid functionality
  - What's included in standard building files
  - What's not there now that we want
- Working Group Survey
  - 90% Response
  - Every item queried received an affirmative vote

# Survey Results

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## Top vote getters:

- Date When Homes was Rated/Inspected
- The address of the home
- Program Information (such as ENERGY STAR, LEED-H, Energy Audit, NAHB, Green Building, National Builders Challenge and other sustainability programs)
- The Name of the Rating Company
- Name of Rating Provider
- The HERS Index of the Home
- Information on Whether the Home was Sampled
- Identification of Building Type (Single Family, Multifamily, Manufactured Home)
- Rater's Name
- Identification of Whether the Home is New or Existing
- Projected Energy Use/Savings Data
- Identification on Qualification for Tax Credit
- Square Footage of Home
- Name and Version of Software Used for the Analysis
- Identification Whether the Home Received an Energy Survey
- Rater Certification Number

# For the Future

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- The data to calculate the energy and environmental impacts of homes rated or audited
- The potential ability to the builder, utility or homeowner to access a home's energy file data
- Ability for appraisers to access high performance homes data for comparables
- An electronic ability to drive new and existing home ratings/audits marketing via mapping and public data search mechanisms
- Potential of creating national online map of ratings and energy audits



# RESNET Benefits

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- ◉ National Rating Registry number control. Any rating without a RESNET National Registry number is not valid
- ◉ Quality assurance verification
- ◉ Validation of rater eligibility to perform ratings
- ◉ Centralized data
- ◉ RESNET can become the hub for the verification of a home's participation in any sustainability program

# Discussion...

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- Concerns?

- Privacy
- Functionality
- Capacity to work with existing systems

- What are we missing?