

RESNET Existing Homes Rating Software Task Force

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www.resnet.us

Needs for Rating Software for Existing Homes

Institutional Purposes

(Energy Improvement Mortgages, Time of Sale Labeling, Energy Efficiency Certificates, Carbon Offsets)

Guide Consumers in Investing in Improving Energy Performance of Home

Institutional Rating

This uses modeled performance, and is not driven by consumer behavior.

This is often referred to as an "Asset Rating".

This is the current RESNET rating method.

Informative Rating

Guides homeowners in making decisions regarding making energy improvements to a home.

This needs to account for consumer behavior,

Often called an "Operational Rating".

RESNET Policy on Existing Homes Software

For the rating of existing homes the rating software will produce both an operational and asset rating.

Currently done in European Union and proposed in California.

Existing Homes Software Task Force

RESNET had convened a task force to review the issues associated with rating software programs for existing homes.

Members listed at:

www.resnet.us/hotnews/taskforce/software/members

Plan of Action

The first effort will focus on developing the specifications for the operational rating.

Operational Rating Plan of Action

- Provide input and tracking progress on the U.S. Department of Energy and the National Renewable Energy Laboratory effort to develop a BESTTEST-EX for reconciling weather and utility bills, and, if necessary develop an interim process with specific attention to:
 - + Weather normalization methods
 - + Acceptable user characteristics for modification

Operational Rating Plan of Action

- Determine the set of tests to verify consistency for software programs producing an operational rating
- Create software standards and tests for software that meets the standard for operational ratings
- Define acceptable range criteria for the software verification
- Establish a process for accrediting software programs that comply with the new RESNET operational rating standard

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Other Tasks

Develop recommendations on how RESNET would treat the rating report that would be presented to the consumer if RESNET would include both the operational and asset rating.

Investigate simplification of the current asset rating method (asset rating) for existing homes

Until a national carbon tool is developed, develop an interim RESNET standard for calculating the carbon emissions of homes

Define how RESNET will gather the data from operational ratings to improve the asset rating modeling



Thank You