



2017 RESNET Building Performance Conference Half Day Pre-Conference Session Nominations

Everything Is Going Virtual Including The Marketing of HERS Ratings Through 3D Virtual Tradeshows

Becoming a certified home energy auditor or rater is not easy nor is it inexpensive. Staying the course means continually learning about new construction products and techniques, evolving energy codes, updated green program guidelines and much more. One aspect that is generally not taught in energy courses is how to market your services, which can be especially hard since much of what we do requires extensive explanation before the sale can be made.

What if you could be instantly connected to potential new clients who already have some knowledge about what you do and the value of your services by using a virtual online 3D tradeshow? What if the person developing these tradeshows has extensive experience in developing and offering Energy Expositions with documented attendance numbers in excess of 55,000 attendees? Isn't this the type of exposure you need to help sell your services and showcase your credentials?

Attend this session to learn more about EGMConnect.com (Energy Green Mortgage Connect) and how you can be connected with private sector financing of deep energy retrofits, plus learn the latest about Fannie Mae's Homestyle Energy Mortgage Program and the National P.A.C.E. financing roll-out. The speaker for this session is Ken Riead, who is a "Legend in Energy" with the Assn. of Energy Engineers (AEE) and also has a BS in Functional Public Relations from the University of Central Missouri (UCM). Bring your laptop or mobile device and get connected while attending this session.

Suggested Presenter: Ken Riead, Doff Industries

Ekotrope RATER - Orientation, Training, and Product Feedback Session

All types of attendees are welcome, whether just hearing about Ekotrope or already ramped up and using the tool. The first part of this session will feature a demo and product walkthrough, highlighting both basic functionality and advanced features. The session will then move to question and answer format to answer users' questions about the product, and finally end with an interactive discussion about users' needs and potential product improvements.

Suggested Presenter: Cy Kilbourn, Ekotrope

Energy Rating Data Collection, Storage, and Sharing using Axis

This session will provide an overview of Axis, a cloud-hosted database solution specifically designed for the collection, storage, and sharing of energy rating data. Axis is used by leading energy efficiency program sponsors and utilities to administer residential new construction energy efficiency programs and can also be used by HERS Raters/Providers and home builders to centralize energy rating data and program-specific data. The Axis platform can also be used for QA purposes, incentive payment processing, and general workflow and data management. Axis can benefit program sponsors, utilities, home builders, HERS Raters, HERS Providers, HVAC organizations, QA agents, program evaluators, appraisers, real estate agents, and more!

The session will also cover integrations between Axis and other technology solutions serving the energy efficiency market and will provide an opportunity to meet with the Axis development team and support personnel face-to-face to learn more about Axis and affect future product enhancements.

Suggested Presenters: Bob Burns, Pivotal Energy Solutions and Clinton Heyn, Pivotal Energy Solutions

SketchUp for Energy Professionals- Quick, Accurate, Powerful Takeoffs

SketchUp is a powerful graphic modeling tool developed by Google and now owned by Trimble. EnergyLogic has successfully adopted SketchUp to streamline the take-off process for all of our builder clients. With its 3-D depiction of the thermal envelope, it has also proven to be a strong tool when reviewing probationary ratings, performing quality assurance, and field verifying a house was built to the original model. This training is designed to provide an overview of SketchUp and provide you with practice designing a 3-D model. Then we will use the scripts developed by EnergyLogic to generate a report designed for easy input into REM/Rate. Using SketchUp by itself will improve your speed and accuracy in performing take-offs, but with EnergyLogic's custom reporting script designed for easy input into REM/Rate, you'll find this method is not only fun, but cuts takeoff time in half! This course is designed for HERS Raters or other energy professionals with equivalent experience with energy modeling. It has been specifically designed to help complete accurate take-offs with quick from-plans rating data collection.

Suggested Presenter: Glenn Pease, EnergyLogic

RESNET Advanced REM/Rate Training Session

In this pre-conference session, you will learn to increase your proficiency and confidence using new and advanced features in REM/Rate. You will discover how to increase the precision of data inputs and deal with multiple files to create the most useful energy efficiency analysis for RESNET ratings, energy code compliance, and design optimization. Learn directly from NORESKO's REM/Rate team.

In this half-day session, you will:

1. Understand how REM/Rate features can be used to make your job easier and expand the types of services you provide to your customers.
2. Find out about the new features in the latest version of REM/Rate.
3. Learn about the changes in REM/Rate regarding implementing the ANSI/RESNET/ICC 301-2014 requirements.
4. Discover how to model hot water distribution in detail.
5. Maximize library usability by creating components that are reusable, easily recognized, and can be shared.
6. Reduce the burden of data entry and repetitive tasks, particularly with multiple files.
7. Learn about upcoming solutions in REM/Rate.

Suggested Presenters: Brian Christensen, NORESKO and Amber Wood, NORESKO

Using 'MI-BEST A+' with Single and Multi-family HERS Verification Training and Assessment

The session includes a hands on demonstration of the 'MI-BEST A+' Training and Assessment Process. Using the MI-Best A+ Training House Trainers are able to change duct leakage, refrigerant charge, building leakage, and fan air flow. The training process is demonstrated as participants use both Energy Conservatory and Retrotec equipment during the hands-on session. The training unit has two HVAC units to provide multiple assessment opportunities. Coupled with advanced techniques for locating duct leakage and residential air balance methodologies.

Suggested Presenters: Gary Wollin, Wollin Group, Inc. and Joe Medosch, Energy & Environmental Consulting, Retrotec