2017 ENERGY STAR® Certified Homes Stakeholder Meeting

Brian Christensen, Senior Engineer

October 23, 2017
Remember - Stay on script!!

No Tweets!!

;-)
1. Brief highlights of...
   - Latest REM/Rate™ features (v15.4 desktop)
   - What’s next (v15.5 desktop)

2. Hear what you want/need from this software
HERS® BIAS MINIMIZED... FOR SMALL & BIG HOMES

RESNET’s

Index Adjustment Factor

(Addendum E)

- Last round of comment ends in a few days
- You can see the impact now and advise your builders

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“Air” Tab

- Quick access to infiltration in various units
  - Including CFM50/sf shell
- Quick access to mechanical ventilation comparisons
  - Converts the Asls to equivalent continuous flow
  - Shows 62.2-2010 flow
  - Shows 62.2-2013 flow, with infiltration credit
DHW Efficiencies screen

- New button automatically sets this screen to match the RESNET Reference Home
Clothes Washer & Dryer

- Updated inputs to use CEF and IMEF
**SAMPLING BATCH – MORE FLEXIBLE**

Added fields to Sampling Batch csv file

- If you are Sampling, this eases the work of creating a rating for every address.
- See REM/Rate™ Help for the Tools Menu to get details.

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<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
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# Notes:
- #bidname - this field will populate the Building Name field in the Property/Builder Information screen
- #propowner - this field will populate the Property Owner’s name in the Property Information
- #propstreet - this field will populate the Property Address field in the Property Information
- #property - this field will populate the Property City in the Property Information
- #propstate - this field will populate the Property State in the Property Information
- #propzip - this field will populate the Property Zip Code in the Property Information
- #propphone - this field will populate the Property Phone Number in the Property Information
- #samplesetid - this field will populate the Sample Set ID in the RESNET Section for the specified building files
- #ratingtype - this field will populate the Rating Type in the Rating Information
- #ratername - this field will populate the Official Rater ID (RTIN) in the Rating Information
- #verifiname1 - this field will populate the 1st Raters/Rating Field Inspectors in the Rating Information
- #verifiname2 - this field will populate the 2nd Raters/Rating Field Inspectors in the Rating Information
- #verifiname3 - this field will populate the 3rd Raters/Rating Field Inspectors in the Rating Information
- #verifiname4 - this field will populate the 4th Raters/Rating Field Inspectors in the Rating Information
- #inputfile - this shows the path and filename of the sample building file which copies will be made
- #outputfile - this is the path and filename of the copied sample building file
WHAT’S NEXT?

Highlights planned for REM v15.5:

- 2018 IECC – UA and Performance paths
- ENERGY STAR updates, including
  - Revisions to ESv3.0 & 3.1
  - Adding ESv3.2 for WA state
  - Removing outdated ES reports & reworking ESv2.0 for LEED-Homes needs
- Zero Energy Ready Home (ZERH)
  - Updates per Rev06 of National Program Requirements
- Update eGrid data
  - Used to calculate avoided emissions on various reports
- Texas ERI report for 2015 IECC
THANKS FOR YOUR TIME!

FIND ME & CHAT.
WHAT DO YOU WANT/NEED FROM REM/RATE™?

Brian Christensen, Senior Engineer