

EnergyGauge USA 6.1.00

Release Notes

The latest release of EnergyGauge USA, Version 6.1.00 includes a new software licensing system and enhancements for HERS Raters and bug fixes. EnergyGauge USA for Florida code 6.0.02 is included.

KEY FEATURES ADDED (SOME FEATURES MAY ONLY APPEAR IN RATER VERSIONS)

- New software licensing system
- ANSI/RESNET/ICC 301 – 2014 Addendum E-2018 House Size Index Adjustment Factors (IAF)
- IAF registration option is available to request IAF be used during the HERS Registration
- HERS IAF is now displayed in the title bar on the top of the page
- Tax Credit is now displayed in the title bar on the top of the page
- IECC 2018 Performance
- IECC 2018 Compliance Index Method (R406)
- IECC R-Value
- IECC 2018 UA
- IECC 2018 Compliance Index without pass / fail allowing use in areas with modified compliance targets

WINDOWS VERSIONS SUPPORTED

Minimum System Requirements: Windows Vista, Windows 7, Windows 8, Windows 8.1 or Windows 10.

GENERAL NEW FEATURES

- Added Programmable Thermostat to preferences.
- Increased the number of characters for lot entry from 5 to 10.
- Added radiant barrier to input summary report.
- Enb files will open and load when double clicked in Windows Explorer.
- Added Air Barrier and Insulation Checklist to the multiple print option for IECC 2015 & 2018.

GENERAL BUG FIXES

- Socket error should not display if an internet connection is not available which caused the software to not open
- Removed text 'CF' from the Project Query on the Search page
- Added save PDF to reports
- Calculations no longer halt when framing fraction is zero with frame walls
- Builder input on Project page now transfers to the Create RGU page

- User is transitioned to the Wall page when a framing fraction error occurs for easy data modification

FLORIDA CODE FEATURES

- Added 'Unknown' option to the Duct Leakage Test Report for confirmed houses
- Added an 'Unknown' option to the Envelope Leakage Test Report for confirmed houses

FLORIDA CODE BUG FIXES

- Hot water pipe insulation is no longer required when running 2017 Florida Code prescriptive R-Value and Total UA methods for additions without a water heater
- Fixed Florida Code printing of multiple reports

HERS RATERS CHANGES AND OTHER FEATURES

- ANSI/RESNET/ICC 301 – 2014 Addendum E-2018 House Size Index Adjustment Factors (IAF) is now available under Rating calculation
- IAF registration option is available to request IAF be used during the HERS Registration
- HERS IAF is now displayed on the top of the page
- Tax Credit is now displayed on the top of the page
- ENERGY STAR general requirements are displayed on the ENERGY STAR Summary after running the calculation
- Infiltration calculations for ratings changed to be consistent with ASHRAE 62-2 infiltration calculation methods. This will result in different HERS indexes than earlier versions.
- Added to preferences an option 'Use this rater for all projects.' to allow any imported project to be transferred to the rater specified in preferences.
- AHU installed at time of testing now defaults to true
- Removed Rater Tax ID when creating rgu
- Updated RESNET Disclosure

HERS RATER BUG FIXES

- Fixed an issue where HERS Index would change when running the calculation multiple times on a project with a basement

ANNUAL SIMULATION

- Infiltration calculations for annual simulation changed to be consistent with ASHRAE 62.2 infiltration calculation methods. This will result in different results than earlier software versions.