

EnergyGauge USA Version 6.104

RELEASE NOTES

GENERAL NEW FEATURES:

- The tested home (Selecting tested on project screen) infiltration screen has more options and includes adjustments required by RESNET and ENERGY STAR. See HELP file for detailed information. Click F1 from infiltration screen.
- Slab floor insulation options now extend beyond R10.
- EF and UEF visible on water heater page when viewing reference homes.

GENERAL BUG FIXES:

- Fixed issue where software could not open if FSEC website was down.
- Fixed U-value display value for interior walls on wall screen
- Wall errors should no longer display if using the Change-all feature from wall page
- Fixed all UA calculations for insulation on walls of crawlspaces
- Fixed Save-as from infiltration screen not saving cfm50
- Fixed a posting problem when using multi-point blower door entries.
- Fixed issues with interior wall in basement.
- Gambell Alaska weather file will run now.
- Fixed issue where basement homes were crashing the IAF HERS or ENERGY STAR calculation.
- Fixed Manual J8 sizing issue where house had unducted cooling and no heating in 2nd space.

FLORIDA ENERGY CODE FIXES

- Fixed a particular customer issue where FL Code report 405 was not paging correctly causing excessive pages to print.
- Now will display R402.4.1.2 exception on coversheet for additions with ACH50 higher than 7.

IECC

1. Revised infiltration and mechanical ventilation for performance code –may change results in some cases

HERS RATERS CHANGES AND OTHER FEATURES

1. RESNET Addendum L incorporated
2. Can now run rating in tropical climate (Puerto Rico and Virgin Islands) without heating or cooling. Note ENERGY STAR rules for tropical climate not in this version.
3. Water heater manufacturer now required for registered ratings
4. Room error should no longer display during HERS IAF calculation or registration.

ENERGY STAR

1. Added ignorable error check for Insulation Grade I to ENERGY STAR calculation for ceiling, walls and floors.
2. Changed the error message regarding low mechanical ventilation to an ignorable one per EPA.
3. Multi-family new construction version 1.0 and 1.1 added.

ANNUAL SIMULATION:

1. Fix: Bypass checks for appliances if not present
2. Fix: Maintain rotate angle after running worst case
3. Update: Electric utility cost database updated