

From: Martha Brook

Subject: CBECC-Res 2013 software - new release

A new release of CBECC-Res is available for download from the project website: www.bwilcox.com/BEES/BEES.html. CBECC-Res is a free open-source software program developed by the California Energy Commission for use in complying with the 2013 Residential Building Energy Efficiency Standards.

This new release fixes several bugs in version 2.

Analysis issues corrected:

- Enables cooling ventilation for new homes and additions < 1000 sf.
- Enforces IAQ fan modeling for new homes < 1000 sf.
- Corrects attic modeling for nearly flat roofs.
- Adds duct location checks to ensure that user selections are consistent with the building description (e.g., can no longer select “ducts in attic” if the building model does not include an attic or if the attic is too small to contain the ducts).
- Eliminates incorrect warning messages.
- Corrects analysis of combined hydronic systems and no cooling systems.
- Prevents a rare error from occurring when multiple zones are analyzed in one building project.
- Prevents a rare error from occurring when defaulting duct surface areas.
- Prevents a rare error from occurring when combining multiple heating and cooling equipment in the same zone.
- Corrects analysis of new windows in existing and/or altered walls.
- Corrects E+A+A analysis for skylights, water heaters and exterior floors.

Reporting issues corrected:

- Reports proper heating and cooling efficiencies for HERS verifications.
- Adds “No Cooling” as a Special Feature listed in the CF1-R.
- Reports proper conditions for Cool Roofs and IAQ fans.
- Does not include HERS verifications for existing equipment.

If you need help with the software, please check the CBECC-Res FAQs, Quick Start Guide and User Manual, which can all be downloaded from the project website, www.bwilcox.com/BEES/BEES.htm. The Quick Start Guide and User Manual can also be accessed by clicking on the program’s Help menu.

If you need additional technical assistance with the software, please email CBECC-Res Support at cbec.res@gmail.com.

Best Regards,
Martha