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**From:**  
**Sent:** Friday, August 29, 2014 5:02 PM  
**To:**  
**Subject:** CBECC-Res 2013 v3 software now available

CBECC-Res 2013 v3 compliance software is now available for download from the project website: [www.bwilcox.com/BEES/BEES.html](http://www.bwilcox.com/BEES/BEES.html). Version 3 was approved by the California Energy Commission on August 27, 2014.

IMPORTANT NOTE: CBECC-Res v3 has a different input file structure than CBECC-Res v2c, so if you are using v3 with your existing input files, COPY and RENAME any input files you want to keep running in CBECC-Res v2c. Earlier files can be read by Version 3, but files created, edited, or saved in Version 3 cannot be used with Version 2c.

The following are the major updates in CBECC-Res v3:

1. Speed-up of at least 50% in modern computers with multi-core processors - more for cardinal compliance analyses;
2. Re-design of Dwelling Unit Types and Dwelling Units for multi-family projects, including a different organization of HVAC and DHW components for multi-family projects;
3. Improved assumptions of natural ventilation in multi-story buildings;
4. Corrected the Standard Design for electric storage water heaters (now includes a 50% solar fraction, consistent with the 2013 Standards);
5. Improved calculations of envelope heat transfer for below roof deck insulation;
6. Enabled modeling of evaporatively-cooled condensers and fixed and variable CFI cooling ventilation;
7. Added incentive calculations for the California Advanced Home Program;
8. Added a separate table in the CF1R for the "Energy Design Rating" used to comply with some locally adopted Reach Codes;
9. Corrected several reporting errors;
10. Updated User Manual; and
11. New FAQs and example files.

The following are known limitations in CBECC-Res v3:

1. Steel-framed assemblies only work for walls (not ceilings or floors);
2. Sealed attics will not be enabled until such time that the CEC establishes and documents the physical criteria for this construction type.

If you need help with the software, please check the CBECC-Res FAQs (updated on 8/29/14), Quick Start Guide and User Manual, which can all be downloaded from the project website. 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 [cbecc.res@gmail.com](mailto:cbecc.res@gmail.com).

Best Regards,  
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