

September 4, 2020

Dear CBECC-Res User:

CBECC-Res 2019.1.3 is available for [download from the project website](#) (and also available from the Energy Commission's [software website](#)). This version is a minor update (you may continue to use unexpired versions of CBECC-Res 2019) and is approved for showing compliance with the 2019 Building Energy Efficiency Standards for low rise residential buildings (effective date 1/1/2020).

CBECC-Res 2019.1.3 highlights

- SMUD Neighborhood Solar Shares (NSS) Program implementation.
- Radiant barrier in a cathedral roof.
- Altered water heating calculations corrected.
- A new exterior wall finish called "all other siding".
- Whole House Fan corrections.
- Improved Multifamily Central Heat Pump Water Heater (HPWH) - more configurations, large compressor types, loop tank options and tank locations.
- Solar Thermal PV Offset Credit - option to apply a portion of the multifamily project's PV generation as a credit toward energy efficiency TDV to offset the solar thermal system in the standard design model.
- Addition of new HVAC equipment types including packaged terminal heat pump and variants.
- Support for solar thermal systems certified by International Code Council-Solar Rating and Certification Corporation Solar Thermal Collector Certification (ICC-SRCC OG-100) and Solar Water Heater Certification (ICC-SRCC OG-300) programs.
- Northwest Energy Efficiency Alliance (NEEA) HPWH Advanced Water Heating Specification program selection expanded to include 60 new brand/model options (including Tier 4).
- Access to battery storage charge and discharge rates.
- Various improvements and fixes to source code.
- Various rule enhancements as needed for various bug fixes.

NOTE: all of the above (and more) are listed in the "What's New and Different" section of the user manual (see quick link on the bookmarks panel), with a cross reference to greater modeling/compliance details.

Technical support: If you need general help with the software, please check the User Manual or Quick Start Guide (accessible from Help menu). Both can also be downloaded from the [project website](#).

If you need additional assistance, please use the new CBECC-Res support email address cbec.res@energy.ca.gov (if possible, include your *.ribd19 file).

Best Regards,

Larry Froess, P.E., LEED AP
Senior Mechanical Engineer
California Energy Commission
Building Standards Office
1516 Ninth Street
Sacramento, CA 95814
Larry.Froess@energy.ca.gov