

CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET
SACRAMENTO, CA 95814-5512
www.energy.ca.gov



**2013 Building Energy Efficiency Standards,
California Code of Regulations, Title 24,
Parts 1 and 6**

**Docket No. 12-BSTD-01
Approval: 15-1222-4**

**APPROVAL BY THE EXECUTIVE DIRECTOR OF PUBLIC DOMAIN
CALIFORNIA BUILDING ENERGY CODE COMPLIANCE
(CBECC-RES) VERSION 4B**

The Executive Director hereby approves CBECC-Res Version 4b as the public domain alternative calculation method for demonstrating performance compliance with the residential provisions of the 2013 Building Energy Efficiency Standards, California Code of Regulations, Title 24, Part 6, and associated administrative regulations in Part 1, Chapter 10 (Standards).

The Warren-Alquist State Energy Resources Conservation and Development Act, Public Resources Code sections 25000 et seq., 25402.1, subd. (b), requires the Energy Commission to, among other things, establish a process for certifying calculation methods for demonstrating compliance with its building energy efficiency standards.

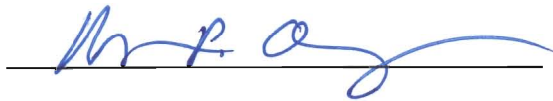
CBECC-Res Version 4b incorporates additional functionality and corrections to the revised compliance manager that was approved by the Energy Commission on May 13, 2015, as part of the Application Programming Interface in the 2013 Public Domain California Building Energy Code Compliance - Residential (CBECC-Res) software, Version 4. CBECC-Res Version 4b adds the following functional changes and corrections:

- Adds more flexible whole house fan ventilation choices.
- Improves user interface for duct locations and insulation values.
- Changes the default airflow for single speed zonal cooling systems.
- Corrects various addition/alteration functional issues.
- Eliminates invalid modeling assumptions.
- Correcting miscellaneous reporting issues.

In approving CBECC-Res Version 4 on May 13, 2015, the Energy Commission directed the Executive Director to take all actions reasonably necessary to ensure that CBECC-Res is maintained and revised to accurately estimate the energy use of residential buildings and demonstrate compliance with the 2013 Building Energy Efficiency Standards for buildings, including correcting functional errors.

In addition to increasing functionality and solving concerns from the building industry, addressing these issues does not significantly affect compliance with the 2013 Building Energy Efficiency Standards.¹ Thus, this update is not required to be approved by the Energy Commission² and Versions 4, as well as Version 4b, are valid for permit applications.

Information for obtaining CBECC-Res Version 4b will be posted on the Energy Commission's 2013 Standards website for approved computer compliance programs: www.energy.ca.gov/title24/2013standards/2013_computer_prog_list.html.



ROBERT P. OGLESBY
Executive Director

¹ Cal. Code Regs., Title 24, Part 1, Ch. 10, and Part 6 (also known as the California Energy Code).

² See Residential Alternative Calculation Method Approval Manual, May 2012, Pub. No. CEC-400-2012-007-CMF-REV, § 1.2.4, p. 1-3, available at: www.energy.ca.gov/2012publications/CEC-400-2012-007/CEC-400-2012-007-CMF-REV.pdf.