



**2019 Building Energy Efficiency Standards,
California Code of Regulations, Title 24,
Parts 1 and 6**

**Docket: 19-BSTD-01
Approval: 20-090220**

**APPROVAL BY THE EXECUTIVE DIRECTOR OF THE PUBLIC DOMAIN
NONRESIDENTIAL COMPLIANCE SOFTWARE CBECC-COM 2019.1.3**

The executive director hereby approves California Building Energy Code Compliance (CBECC) software, CBECC-Com 2019.1.3, as the public domain alternative calculation method for demonstrating performance compliance with the nonresidential provisions of the *2019 Building Energy Efficiency Standards*, California Code of Regulations, Title 24, Part 6, and associated administrative regulations in Part 1, Chapter 10 (Energy Code).

The Warren-Alquist Act, Public Resources Code sections 25000 et seq., 25402.1(b), requires the California Energy Commission (CEC) to, among other things, establish a process for certifying calculation methods for demonstrating compliance with the Energy Code.

CBECC-Com 2019.1.3 contains the following functional changes and corrections:

- Updates and enhancements for residential water heating systems including central heat pump water heating (HPWH) models matching CBECC-Res
- Northwest Energy Efficiency Alliance (NEEA) HPWH Advanced Water Heating Specification program selection expanded to include 60 new brand/model options
- 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
- Solar Thermal Photovoltaic (PV) Offset Credit – option to apply a portion of the multifamily project's PV generation as a credit toward energy efficiency time dependent valuation (TDV) to offset the solar thermal system in the standard design model
- Various user interface improvements and corrections
- Various improvements and fixes to source code
- Various rule enhancements as needed for various bug fixes

When CBECC-Com 2019.1.0 was approved on May 15, 2019, the CEC directed the executive director to take all actions reasonably necessary to ensure that CBECC-Com is maintained and revised to accurately estimate the energy use of nonresidential buildings and demonstrate compliance with the 2019 Energy Code.

Pursuant to the *2019 Alternative Calculation Method Approval Manual*¹, this update is not a major update to the CBECC-Com 2019.1.0 compliance manager² and it qualifies as a section 1.3.2 change. Further, this update is sufficiently minor such that third-party vendors are not required to incorporate this change on any particular schedule.

Information for obtaining CBECC-Com 2019.1.3 will be posted on the CEC's 2019 Standards website for approved computer compliance programs:
https://www.energy.ca.gov/title24/2019standards/2019_computer_prog_list.html.

APPROVED:



Drew Bohan
Executive Director

¹ See *2019 Alternative Calculation Method Approval Manual*, December 2018, Pub. No. CEC-400-2018-023-CMF, sections 1.3.2 and 1.4.1, pp. 8-9, available at <https://www2.energy.ca.gov/2018publications/CEC-400-2018-023/CEC-400-2018-023-CMF.pdf>.

² Cal. Code Regs., Title 24, Part 1, Ch. 10, and Part 6 (also known as the California Energy Code).