| *2019 Building Energy Efficiency Standards*, California Code of Regulations, Title 24, Parts 1 and 6 | Docket: 19-BSTD-01 Approval: 19-020320 |

APPROVAL BY THE EXECUTIVE DIRECTOR OF THE PUBLIC DOMAIN NONRESIDENTIAL COMPLIANCE SOFTWARE CBECC-COM 2019.1.2

The Executive Director hereby approves California Building Energy Code Compliance software, CBECC-Com 2019.1.2, 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 (Standards).

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

CBECC-Com 2019.1.2 contains the following functional changes and corrections:
- Added capability to model a central heat pump water heater in multifamily buildings.
- Improvement to solar thermal water heating.
- 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 Building Energy Efficiency Standards*.

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 manager[2] 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.

Information for obtaining CBECC-Com 2019.1.2 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

/Original signed by/
Drew Bohan
Executive Director

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[1] See *2019 Alternative Calculation Method Approval Manual*, December 2018, Pub. No. CEC-400-2018-023-CMF, §§ 1.3.2 and 1.4.1, pp. 8-9, available at: https://www.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).