

DOCKETED

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**2022 Building Energy Efficiency Standards,
California Code of Regulations, Title 24,
Parts 1 and 6**

**Docket: 22-BSTD-02
Approval: 22-121622**

**APPROVAL BY THE EXECUTIVE DIRECTOR OF
PUBLIC DOMAIN RESIDENTIAL (CBECC-RES 2022.2.1) AND
NONRESIDENTIAL AND MULTIFAMILY (CBECC 2022.2.1) COMPLIANCE
SOFTWARE**

The executive director hereby approves California Building Energy Code Compliance (CBECC) software, CBECC-Res 2022.2.1 and CBECC 2022.2.1, as the public domain alternative calculation methods for demonstrating performance compliance with the residential (CBECC-Res) and nonresidential and multifamily (CBECC) provisions of the *2022 Building Energy Efficiency Standards*, California Code of Regulations, Title 24, Parts 1 and 6 (2022 Energy Code).

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

CBECC-Res 2022.2.1 contains the following functional changes and corrections:

- Implementation of dual-panel hollow wall modeling as outlined in the [BamCore Prime Wall Exceptional Method Compliance Option Staff Report](https://www.energy.ca.gov/publications/2020/bamcore-prime-wall-exceptional-method-compliance-option) at <https://www.energy.ca.gov/publications/2020/bamcore-prime-wall-exceptional-method-compliance-option>
- User interface improvements and corrections
- Enhancements and fixes to source code and ruleset as needed for software enhancements and bug fixes

CBECC 2022.2.1 contains the following functional changes and corrections:

- Integration of the California Utility Allowance Calculator (CUAC) into CBECC to calculate monthly tenant utility bills and generate CUAC submittal reports for low-income housing projects
- Implementation of dual-panel hollow wall modeling as outlined in the [BamCore Prime Wall Exceptional Method Compliance Option Staff Report](https://www.energy.ca.gov/publications/2020/bamcore-prime-wall-exceptional-method-compliance-option)

at <https://www.energy.ca.gov/publications/2020/bamcore-prime-wall-exceptional-method-compliance-option>

- User interface improvements and corrections
- Enhancements and fixes to source code and ruleset as needed for software enhancements and bug fixes

When CBECC-Res 2022.2.0 and CBECC 2022.2.0 were approved on October 17, 2022, the CEC directed the executive director to take action to ensure that CBECC-Res and CBECC were maintained and revised to accurately demonstrate compliance with the 2022 Energy Code.

Pursuant to the *2022 Alternative Calculation Method Approval Manual*¹, this update is not a major update to the CBECC-Res 2022.2.0 or CBECC 2022.2.0 compliance managers² and 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 schedule.

Information for obtaining CBECC-Res 2022.2.1 or CBECC 2022.2.1 will be posted on the CEC's [2022 Energy Code Compliance Software webpage](https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2022-building-energy-efficiency-1) for approved computer compliance programs at <https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2022-building-energy-efficiency-1>.

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://www.energy.ca.gov/publications/2018/2019-alternative-calculation-method-approval-manual-2019-building-energy>.

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