

STATE OF CALIFORNIA

Energy Resources Conservation
And Development Commission

2016 Building Energy Efficiency Standards,
California Code of Regulations, Title 24,
Parts 1 and 6

Docket No. 15-BSTD-04
Resolution No. 15-1112-9c

**[PROPOSED] RESOLUTION OF THE ENERGY COMMISSION
CERTIFYING THE 2016 PUBLIC DOMAIN
RESIDENTIAL COMPLIANCE SOFTWARE
CBECC-RES VERSION 2016.1.0**

WHEREAS, the Warren-Alquist State Energy Resources Conservation and Development Act, Public Resources Code sections 25000 et seq., 25402.1, subdivision (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; and

WHEREAS, the 2016 public domain California Building Energy Code Compliance – Residential (CBECC-Res) software, Version 1.0, estimates energy consumed by residential buildings under Public Resources Code section 25402.1, subdivision (a), for demonstrating compliance with the performance-based residential provisions of the 2016 Building Energy Efficiency Standards, California Code of Regulations, Title 24, Parts 1, Chapter 10, and 6; and

WHEREAS, as described in the CBECC-Res Summary of Residential ACM Tests presented to the Energy Commission along with this proposed resolution, staff of the Energy Commission has reviewed and tested CBECC-Res, Version 2016.1.0, to ensure it meets the requirements, specifications, and criteria for building energy models set forth in the Alternative Calculation Method Approval Manual, CEC-400-2015-039-CMF (June 2015); and

WHEREAS, the Energy Commission approves CBECC-Res pursuant to California Code of Regulations, Title 24, Part 1, Chapter 10, section 10-109; and

THEREFORE, the Energy Commission approves CBECC-Res, Version 2016.1.0, for estimating energy consumed by residential buildings as specified in Public Resources Code section 25402.1, subdivision (a), and for demonstrating compliance with the performance-based residential provisions of the 2016 Building Energy Efficiency Standards, California Code of Regulations, Title 24, Parts 1 and 6; and

THEREFORE, the Energy Commission directs the Executive Director to take, on behalf of the Energy Commission, all actions reasonably necessary to implement this resolution, as follows:

- To post information on the Energy Commission’s public website as to how to obtain CBECC-Res, Version 2016;
- To ensure that CBECC-Res, Version 2016 and the Residential Alternative Calculation Method (ACM) Reference Manual are maintained and revised to accurately estimate the energy use of residential buildings, including correcting functional and analytical errors, and incorporating software modules that address compliance options and additional building systems, assemblies and construction materials;
- To review and approve updates to the vender software, consistent with Section 1.3 of the 2016 Alternative Calculation Method (ACM) Approval Manual.

Date: November 12, 2015

CERTIFICATION

The undersigned Secretariat to the Commission does hereby certify that the foregoing is a full, true, and correct copy of a Resolution duly and regularly approved at a meeting of the California Energy Commission held on November 12, 2015.

AYE:
NAY:
ABSENT:
ABSTAIN:

Tiffani Winter,
Secretariat