

DOCKETED

Docket Number:	19-BSTD-02
Project Title:	Residential Alternative Calculation Method Variable Capacity Heat Pump Modeling Approach
TN #:	229723
Document Title:	Resolution of the Energy Commission Approving 2019 Residential Compliance Software EnergyPro Version 8.0
Description:	Resolution Number 19-0911-6
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Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	9/12/2019 9:03:28 AM
Docketed Date:	9/12/2019

STATE OF CALIFORNIA

STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION

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

Docket No. 19-BSTD-02

RESOLUTION OF THE ENERGY COMMISSION
APPROVING 2019 RESIDENTIAL COMPLIANCE SOFTWARE
ENERGYPRO VERSION 8.0

WHEREAS, the Warren-Alquist State Energy Resources Conservation and Development Act,¹ requires the California Energy Commission to, among other things, establish a process for certifying calculation methods for demonstrating compliance with its building energy efficiency standards; and

WHEREAS, as allowed by the 2019 Building Energy Efficiency Standards (Standards),² sections 10-109 and 10-110, an application was submitted to approve EnergyPro 8.0 as an alternative calculation method; and

WHEREAS, as described in the EnergyPro Summary of Residential Alternative Calculation Method (ACM) Tests presented to the Energy Commission along with this proposed resolution, staff of the Energy Commission reviewed and tested EnergyPro 8.0 to ensure it meets the requirements, specifications, and criteria for building energy models set forth in the 2019 ACM Approval Manual, CEC-400-2018-023-CMF (December 2018); and

THEREFORE, the Energy Commission approves EnergyPro 8.0, pursuant to Standards section 10-109, 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

¹ Public Resources Code section 25402.1, subd. (b).

² California Code of Regulations, Title 24, Part 1, Chapter 10.

2019 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 EnergyPro 8.0;
- To ensure that EnergyPro 8.0, a Residential Alternative Calculation Method (ACM), is maintained and revised to accurately estimate the energy use of residential buildings,
- To review and approve updates to vender software, consistent with Section 1 of the 2019 ACM Approval Manual.

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 adopted at a meeting of the California Energy Commission held on September 11, 2019.

AYE: Hochschild, Scott, Douglas, McAllister
NAY: None
ABSENT: Monahan
ABSTAIN: None

Original Signed by:

Cody Goldthrite
Secretariat