

**CALIFORNIA ENERGY COMMISSION**

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Sacramento, California 95814

Main website: [www.energy.ca.gov](http://www.energy.ca.gov)



**2013 Building Energy Efficiency Standards,  
California Code of Regulations, Title 24,  
Parts 1 and 6**

**Docket No. 12-BSTD-01  
Resolution No. 14-1223—01**

**APPROVAL BY THE EXECUTIVE DIRECTOR OF  
ENERGYPRO VERSION 6.4 RESIDENTIAL COMPLIANCE SOFTWARE**

The Executive Director hereby approves EnergyPro 6.4 as an alternative calculation method for demonstrating performance compliance with the residential provisions of the 2013 Building Energy Efficiency Standards, California Code of Regulations, Title 24, Part 6, and associated administrative regulations in Part 1, Chapter 10 (Standards).

Public Resources Code sections 25000 et seq., 25402.1, subd. (b), require the Energy Commission to, among other things, establish a process for certifying calculation methods for demonstrating compliance with its Building Energy Efficiency Standards.

EnergyPro 6.4 integrates the revised compliance manager approved by the Energy Commission on December 23, 2014, as part of the Application Programming Interface in the 2013 Public Domain California Building Energy Code Compliance - Residential (CBECC-Res) software, version 3b1. The update includes the following:

- Allows modeling multiple attics (a feature needed for additions that may include a radiant barrier, while the existing building does not),
- Allows modeling underground (or below grade) walls and floors,
- Allows modeling of room air conditioners and heat pumps,
- Includes documentation of the California Advanced Homes Program (CAHP) single family and multi-family calculations,
- Allows mass wall thicknesses greater than 12 inches,
- Prevents modeling ducted systems without ducts,
- Identifies non-central heating devices, such as wall furnaces, and their appropriate efficiencies (versus calling them all heaters with a default efficiency),
- Corrects heat pump sizing issue in climates with small cooling loads,

- Corrects the identification of multi-family space conditioning equipment in a manner compatible with HERS rater requirements which apply to each dwelling unit, and
- Corrects miscellaneous CF1R reporting issues.

Information for obtaining EnergyPro 6.4 is posted on the Energy Commission's 2013 Standards website for approved computer compliance programs:  
[www.energy.ca.gov/title24/2013standards/2013\\_computer\\_prog\\_list.html](http://www.energy.ca.gov/title24/2013standards/2013_computer_prog_list.html).



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Executive Director