

CALIFORNIA ENERGY COMMISSION

1516 Ninth Street, MS 45
Sacramento, California 95814

Main website: www.energy.ca.gov

**2013 Building Energy Efficiency Standards,
California Code of Regulations, Title 24,
Part 6 and Part 1, Chapter 10**

**Docket No. 12-BSTD-01
Resolution No. 15-0807**

**APPROVAL BY THE EXECUTIVE DIRECTOR OF
INTEGRATED ENVIRONMENTAL SOLUTIONS VE 2015 FEATURE PACK 1 VERSION 2015.1.0
NONRESIDENTIAL COMPLIANCE SOFTWARE**

The Executive Director hereby approves Integrated Environmental Solutions (IES) VE 2015 Feature Pack 1 Version 2015.1.0 as an alternative calculation method for demonstrating performance compliance with the nonresidential 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.

IES VE 2015 Feature Pack 1 Version 2015.1.0 integrates the revised compliance manager approved by the Energy Commission on June 23, 2015, as part of the Application Programming Interface in the 2013 Public Domain California Building Energy Code Compliance - Commercial (CBECC-Com) software, Version 3c, detailed geometry (3D) option.

This update includes the following:

- Corrections, new features, and updates included in CBECC-Com API versions 3a and 3b.
- Updating the minimum equipment efficiencies used to calculate the standard budget for single phase air conditioners and heat pumps with output less than 65,000 Btu/h to match the 2014 Appliance Efficiency Standards.
- Creating new HVAC systems for naturally ventilated spaces to allow the fan to be cycled based on space temperature to match the standard system.
- Corrections to the water heating calculations in high rise residential designs that will allow for an individual water heating system per each dwelling unit.
- Removed the mandatory U-Factor check for existing assemblies.
- Updating the PRF-01 report signature block to improve usability.
- Corrections to various minor errors.

Information for obtaining IES VE Feature Pack 1 Version 2015.1.0 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.

A handwritten signature in blue ink, appearing to read "R. Oglesby", written over a horizontal line.

ROBERT P. OGLESBY
Executive Director