

## DOCKETED

<b>Docket Number:</b>	17-BSTD-02
<b>Project Title:</b>	2019 Title 24, Part 6, Building Energy Efficiency Standards Rulemaking
<b>TN #:</b>	222458
<b>Document Title:</b>	2-5-18 Presentation on Proposed 2019 Alternative Calculation Method Approval Manual
<b>Description:</b>	Presentation given by Todd Ferris at the 2-5-18 Commissioner Hearing on the proposed 2019 Energy Code.
<b>Filer:</b>	Adrian Ownby
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	2/7/2018 4:06:45 PM
<b>Docketed Date:</b>	2/7/2018

# 2019 Building Energy Efficiency Standards Lead Commissioner Hearing For 45-Day Language

California Energy Commission  
Hearing Room A  
(Arthur Rosenfeld Room)

February 5, 2018

Todd Ferris, Supervisor  
Standards Tools Unit

Alternative Calculation Method (ACM)  
Approval Manual



## ACM Approval Manual

- Clarifying language regarding major and minor software changes
- Clarified ability for nonresidential software to use alternate simulation engines; new Section 1.1.5

### **1.1.5 Alternative Nonresidential Energy Simulation Engines**

Software vendors may propose to use alternative energy simulation engines for nonresidential modeling, provided the energy simulation engine passes ASHRAE 140 (2014) and produces results that are accurate to the simulation results of the Compliance Manager within a negligible margin of error, meaning that it has no effect on the determination of building compliance or noncompliance or on final metrics such as percent compliance margin.

The compliance rules contained in the Compliance Manager shall still be implemented in the vendor software: the vendor shall not establish differing compliance rules from those that have been approved by the Energy Commission for use in the Compliance Manager. The Energy Commission shall verify that the simulation is accurate compared to the Compliance Manager and that the implemented compliance rules are identical.



## How to submit written comments

- **We strongly encourage submitting written comments via e-file.**  
Comments on the proposed 2019 Energy Code can be submitted to:  
<https://efiling.energy.ca.gov/EComment/EComment.aspx?docketnumber=17-BSTD-02>.
- Comments on the proposed 2019 CALGreen can be submitted to:  
<https://efiling.energy.ca.gov/EComment/EComment.aspx?docketnumber=17-BSTD-03>.
- Comments can also be submitted physically or by e-mail, here:

California Energy Commission

Dockets Office, MS-4

Re: Docket No. 17-BSTD-02 (for CALGreen, 03)

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