

CALIFORNIA ENERGY COMMISSION1516 Ninth Street
Sacramento, California 95814Main website: www.energy.ca.gov

In the matter of:)	Docket No. 15-BSTD-04
)	
2016 Building Energy Efficiency Standards)	NOTICE OF WORKSHOP
Residential and Nonresidential ACM)	
Reference Manuals and Compliance)	RE: 2016 Draft ACM Reference
Software)	Manuals and Compliance Software
_____)	

Notice of Staff Workshop

Draft 2016 Building Energy Efficiency Standards Residential and Nonresidential Alternative Calculation Method Reference Manuals and Compliance Software Tools

California Energy Commission staff will conduct a workshop to present draft revisions and solicit public comment on guidance documents and implementation tools to execute the 2016 update to the *Building Energy Efficiency Standards* (Standards) (California Code of Regulations, Title 24, Parts 1 and 6). The documents under development are the Residential and the Nonresidential Alternative Calculation Method (ACM) Reference Manuals, and the tools are the public domain compliance software used under the performance approach in the Standards. Commissioner Andrew McAllister may attend and participate in the workshop.

The workshop will be held:

Monday, August 10, 2015
9:00 a.m.
CALIFORNIA ENERGY COMMISSION
1516 Ninth Street
First Floor, Art Rosenfeld Hearing Room
Sacramento, CA 95814
(Wheelchair accessible)

Remote Access Available by Computer or Phone via WebEx™
(Instructions below)

Background

The Energy Commission adopted the 2016 update to the Standards on June 10, 2015, (except the nonresidential lighting alteration language). Staff is now developing guidance documents and implementation tools to support these Standards. The Residential ACM Reference Manual, the Nonresidential ACM Reference Manual, and the public domain compliance software are key components that are anticipated to be approved by the Energy Commission at least six months before the implementation date of the Standards, which is scheduled for January 1, 2017.

Further information regarding the policy goals of the 2016 Standards update can be found at www.energy.ca.gov/title24/2016standards/background.html.

Residential Alternative Calculation Method (ACM)

Purpose

At the morning session of this workshop, staff will present information and invite discussion on the following residential topics and materials:

- The draft 2016 Residential ACM Reference Manual that explains how the proposed design (energy use) and standard (energy budgets) energy consumption are calculated for a given building;
- The compliance software architecture that will be used to implement the modeling procedures documented in the 2016 Residential ACM Reference Manual;
- An introduction to the California Building Energy Code Compliance Residential software which, once completed, tested, and approved, will be the Energy Commission's draft 2016 Residential Public Domain Compliance Software program;
- The photovoltaic trade-off/compliance credit, included in Section 2.2 of the draft 2016 ACM Residential Reference Manual; and
- The phases and anticipated timeline for public domain software and ACM Reference Manual development and approval.

Nonresidential Alternative Calculation Method (ACM)

Purpose

At the afternoon session of this workshop, staff will present and invite discussion on the following nonresidential topics and materials:

- The draft 2016 Nonresidential ACM Reference Manual that explains how the proposed design (energy use) and standard (energy budgets) energy consumption are established for a given building;
- The compliance software architecture that will be used to implement the modeling procedure documented in the draft 2016 Nonresidential ACM Reference Manual;
- An introduction to the California Building Energy Code Compliance Nonresidential software which, once completed, tested, and approved, will be the Energy Commission's 2016 Nonresidential Public Domain Compliance Software program; and
- The timeline for public domain software and ACM Reference Manual development and approval.

Agenda

The agenda for the workshop and related documents for these matters will be posted at: www.energy.ca.gov/title24/2016standards/postadoption/documents/. Workshop participants will have an opportunity to ask questions about the information presented and to make comments and suggestions.

Public Comment

Oral comments. Staff will accept oral comments during the workshop. Comments may be limited to three minutes per speaker. Any comments may become part of the public record in this proceeding.

Written comments. Written comments are encouraged. They should be submitted by 4:00 p.m. on August 20, 2015, but are encouraged to be submitted by August 5, 2015, so that they may be considered at the workshop.

Please submit comments to the Energy Commission using the e-commenting feature by going to:
<https://efiling.energy.ca.gov/EComment/EComment.aspx?docketnumber=15-BSTD-04>.

A full name, e-mail address, comment title, and either a comment or an attached document (.doc, .docx, or .pdf format) are mandatory. After a challenge-response test used by the system to ensure that responses are generated by a human user and not a computer, click on the "Agree & Submit Your Comment" button to submit the comment to the Energy Commission's Dockets Unit.

Please note that your written and oral comments, attachments, and associated contact information (e.g., your address, phone, email, etc.) become part of the viewable public record. This information may become available via Google, Yahoo, and any other search engines.

You are encouraged to use the electronic filing system, described above, to submit comments. If you are unable to submit electronically, a paper copy of your comments may be sent to:

Docket Unit
California Energy Commission
Docket No. 15-BSTD-04
1516 9th Street, MS-4
Sacramento, CA 95814

Comments may also be submitted by e-mail. Please include your name and any organization name. Comments should be in a downloadable, searchable format such as .doc, .docx, or .pdf. Please include the docket number 15-BSTD-04 and indicate “August 10, 2015 Workshop – 2016 ACM Reference Manuals and Compliance Software” in the subject line. Send comments to: DOCKET@energy.ca.gov.

Public Adviser and Other Commission Contacts

The Energy Commission's Public Adviser's Office provides the public assistance in participating in Energy Commission proceedings. If you want information on how to participate in this forum, please contact Public Adviser Alana Mathews, at PublicAdviser@energy.ca.gov or (916) 654-4489 (toll free at (800) 822-6228).

If you have a disability and require assistance to participate, please contact Lou Quiroz at lquiroz@energy.ca.gov or (916) 654-5146 at least five days in advance.

Media inquiries should be sent to the Media and Public Communications Office at mediaoffice@energy.ca.gov or (916) 654-4989.

If you have questions on the subject matter of this meeting, please contact Larry Froess, larry.froess@energy.ca.gov or (916) 654-4525.

Remote Attendance

You may participate in this meeting through WebEx, the Energy Commission's online meeting service. Presentations will appear on your computer screen, and you may listen to audio via your computer or telephone. Please be aware that the meeting may be recorded.

To join a meeting:

VIA COMPUTER: Go to <https://energy.webex.com> and enter the unique meeting number: 921 999 442. When prompted, enter your name and the following meeting password: meeting@9

The “Join Conference” menu will offer you a choice of audio connections:

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2. International Attendees: Click on the "Global call-in number" link.
3. To have WebEx call you: Enter your phone number and click "Call Me."
4. To listen over the computer: If you have a broadband connection, and a headset or a computer microphone and speakers, you may use VoIP (Internet audio) by going to the Audio menu, clicking on "Use Computer Headset," then "Call Using Computer."

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VIA MOBILE ACCESS: Access to WebEx meetings is available from your mobile device. To download an app, go to www.webex.com/products/web-conferencing/mobile.html.

If you have difficulty joining the meeting, please call the WebEx Technical Support number at 1-866-229-3239.

Date: July 28, 2015

List Server: (efficiency, buildingstandards)