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

## Notice of Staff Workshop

### Draft 2016 Building Energy Efficiency Standards Residential Alternative Calculation Method Reference Manual 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 document under development is the Residential Alternative Calculation Method (ACM) Reference Manual, and the tool is 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, September 28, 2015**  
10:00 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 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](http://www.energy.ca.gov/title24/2016standards/background.html).

## **Residential Alternative Calculation Method (ACM)**

### **Purpose**

Staff will present information and invite discussion on the following residential topics and materials:

- In response to public comments, changes to the draft 2016 Residential ACM Reference Manual, the document that explains how the proposed design (energy use) and standard (energy budgets) energy consumption are calculated for a given building;
- A review of the photovoltaic trade-off/compliance credit discussed at the August 10, 2015 workshop;
- Detailed review of the ACM Reference Manual language for additions and alterations;
- An introduction to the California Building Energy Code Compliance Residential (CBECC-Res) software modeling for additions and alterations which, once completed, tested, and approved, will be the Energy Commission's 2016 Residential Public Domain Compliance Software program; and
- The phases and anticipated 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/](http://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 October 8, 2015, but are encouraged to be submitted by

September 25, 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 "September 28, 2015 Workshop – 2016 ACM Reference Manuals and Compliance Software" in the subject line. Send comments to: [DOCKET@energy.ca.gov](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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.

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Date: September 17, 2015  
List Server: (efficiency, buildingstandards)