

**DOCKETED**

<b>Docket Number:</b>	19-BSTD-03
<b>Project Title:</b>	2022 Energy Code Pre-Rulemaking
<b>TN #:</b>	232334
<b>Document Title:</b>	STAFF WORKSHOP 2022 Energy Code Compliance Metrics
<b>Description:</b>	California Energy Commission (CEC) staff will conduct a workshop to present and discuss the update to the code compliance metrics for the 2022 Building Energy Efficiency Standards (Energy Standards).
<b>Filer:</b>	Courtney Jones
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	3/6/2020 2:36:48 PM
<b>Docketed Date:</b>	3/6/2020



<b>IN THE MATTER OF:</b>	)	<b>Docket No. 19-BSTD-03</b>
	)	
<b>2022 Energy Code</b>	)	STAFF WORKSHOP
<b>Pre-Rulemaking</b>	)	
	)	<b>RE: 2022 Energy Code Compliance Metrics</b>

## **NOTICE OF STAFF WORKSHOP**

California Energy Commission (CEC) staff will conduct a workshop to present and discuss the update to the code compliance metrics for the 2022 Building Energy Efficiency Standards (Energy Standards).

**MARCH 26, 2020  
9:00 AM – 3:00 PM**

**Warren-Alquist State Energy Building  
1516 Ninth Street  
Arthur Rosenfeld Hearing Room  
Sacramento, California 95814  
(Wheelchair Accessible)**

Remote access is available by computer or phone via WebEx.™  
(Instructions below.)

### **Agenda**

This staff workshop is a follow up to the October 17, 2019, Lead Commissioner Workshop on the 2022 Energy Standards Compliance Metrics. This workshop will include presentations on the update to the California Building Energy Code Compliance (CBECC) software, life cycle costing, the update to the 2022 Time Dependent Valuation (TDV) of energy, and the results of research into potential alternative metrics. The workshop will present a final revised proposed metric(s) for the 2022 Energy Code, and conclude with a comment/question and answer period.

### **Background**

The CEC updates the Energy Code (Building Energy Efficiency Standards) on a three-year cycle. The 2022 Energy Code will improve upon the 2019 Energy Code for newly constructed buildings, additions, and alterations. The 2022 Energy Standards will go into effect on January 1, 2023 (for building permit applications submitted on or after that date).

The CEC's enabling statute requires adopted measures to be "cost effective, when taken in their entirety, and when amortized over the economic life of the structure

when compared with historic practice.” Beginning with the 2005 Energy Code update, the CEC has used TDV energy to set baselines for compliance with the Energy Code and to determine the cost effectiveness of proposed measures. Over several cycles, multiple iterations and improvements to the calculation of the TDV have resulted in valuation curves that strongly resemble a statewide time of use or marginal cost curve for electricity and natural gas. For the 2022 Energy Standards update, the CEC is considering options to modify compliance baselines and metrics to increase the Energy Standards’ support of the state’s carbon reduction goals.

## **Public Comment**

### **Oral Comments**

Staff will accept oral comments during the workshop/meeting. Comments may be limited to five minutes per speaker and one speaker per organization. Any comments will become part of the public record for this proceeding.

### **Written Comments**

Written comments must be submitted to the Docket Unit by **5:00 p.m. on March 26, 2020**. Written comments will also be accepted at the workshop; however, the CEC may not have time to review them before the conclusion of the meeting.

Written and oral comments, attachments, and associated contact information, such as address, phone number, and email address, become part of the viewable public record. This information may also become available via any Internet search engine.

The CEC encourages use of its electronic commenting system. Visit [CEC Efiling Docket Number 19-BSTD-03](#), which links to the comment page for this docket. Select or enter a proceeding to be taken to the “Add Comment” page. Enter your contact information and a comment title describing the subject of your comment(s). Comments may be included in the “Comment Text” box or attached in a downloadable, searchable Microsoft® Word (.doc, .docx) or Adobe® Acrobat® (.pdf) file. Maximum file size is 10 MB.

Written comments may also be submitted by email. Include docket number 19-BSTD-03 and 2022 Energy Code Compliance Metrics in the subject line and send to [docket@energy.ca.gov](mailto:docket@energy.ca.gov).

If preferred, a paper copy may be submitted to:

California Energy Commission  
Docket Unit, MS-4  
Docket No. 19-BSTD-03  
1516 Ninth Street  
Sacramento, CA 95814-5512

## **Public Advisor and Other Commission Contacts**

The CEC's Public Advisor's Office provides the public assistance in participating in CEC proceedings. For information on how to participate in this forum, or to request language services or other reasonable accommodations, please contact the public advisor, Noemí O. Gallardo, at [publicadvisor@energy.ca.gov](mailto:publicadvisor@energy.ca.gov), or by phone at (916) 654-4489, toll free at (800) 822-6228, or by fax at (916) 654-4493. Requests for language services and reasonable accommodations should be made at least five days in advance. The CEC will work diligently to accommodate late requests.

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

Questions on the subject matter of this meeting should be directed to Maziar Shirakh at [maziar.shirakh@energy.ca.gov](mailto:maziar.shirakh@energy.ca.gov) or (916) 651-3008.

## **Remote Attendance**

WebEx is the CEC's online meeting service. When attending remotely, presentations will appear on your computer/laptop/mobile device screen and audio may be heard via the device or telephone. Please be aware that the WebEx meeting may be recorded. WebEx technical support is available at 1-866-229-3239.

**Via Computer:** Go to [CEC WebEx Meeting](#) and click on the link for the meeting. The meeting password is **Q4Whpnn?**. If the link is not listed, click "Home" on the top left of your screen and enter Event Number **929 436 011**. When prompted, enter your name and email address.

The "Join Conference" menu offers a choice of audio connections:

1. To call into the meeting, select "I will call in" and follow the on-screen directions.
2. International attendees, select "Global call-in number."
3. To have WebEx call you, enter your phone number and click "Call Me." This step will not work if your number has an extension.
4. For Internet audio: If you have a broadband connection, a headset, or a computer microphone and speakers, you may use VoIP (Internet audio). Go to the audio menu and click "Use Computer Headset," then "Call Using Computer."

**Via Telephone Only:** (no visual presentation): Call 1-866-469-3239 (toll free in the U.S. and Canada) and when prompted, enter the event number above. International callers may select a number from the [Global Call-In List](#).

**Via Mobile Device:** Download the application from [WebEx Mobile Conferencing](#).

## **Muting**

We appreciate your cooperation in reducing background noise on the audio connection by muting your line when you are not speaking. Mute your line rather than placing your phone on hold. Using WebEx, right click on your name in the panelists or attendees list

and select "Mute." If you are using a telephone connection, press "\*6" once to mute and again to unmute.

**Availability of Documents**

Documents and presentations for this meeting will be available at

[CEC Efiling Docket Number 19-BSTD-03.](#)

Mail Lists:

buildingstandards listserv

efficiency listserv

barrierslistserv