

<b>DOCKETED</b>	
<b>Docket Number:</b>	19-BSTD-03
<b>Project Title:</b>	2022 Energy Code Pre-Rulemaking
<b>TN #:</b>	234912
<b>Document Title:</b>	Nonresidential Lighting and HVAC Workshop Notice
<b>Description:</b>	This document provides notice to the public of a CEC hosted workshop on updates to nonresidential lighting and HVAC provisions taking place on October 7, 2020.
<b>Filer:</b>	Peter Strait
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	9/25/2020 8:46:11 AM
<b>Docketed Date:</b>	9/25/2020

**IN THE MATTER OF:****2022 Energy Code Pre-Rulemaking****Docket No. 19-BSTD-03****WEBINAR RE: Proposed 2022 Energy Code  
Nonresidential Lighting, Air Distribution and  
HVAC Controls****NOTICE OF STAFF WORKSHOP**

California Energy Commission (CEC) staff will conduct a workshop to present and discuss proposed changes to nonresidential lighting, air distribution and heating, ventilation, and air conditioning (HVAC) controls for the 2022 update of the California Building Energy Efficiency Standards (Energy Code). The workshop will be held:

**October 7, 2020  
9:00 a.m.**

This workshop will be conducted remotely.  
Remote access is available by computer or phone via Zoom  
(instructions below).

**Agenda**

This webinar will include staff presentations on proposed updates to nonresidential lighting, air distribution and nonresidential HVAC control sections of the 2022 Energy Code. There will be opportunities for public comment. Specific measures and topics of discussion include, but are not limited to:

- Nonresidential indoor lighting
  - Lighting power densities
  - Multi-zone occupancy sensing in large offices
- Nonresidential air distribution
  - Fan power budget
  - Fan energy index
- Nonresidential HVAC controls
  - Dedicated outdoor air systems (DOAS)
  - Exhaust air heat recovery
  - Variable air volume system deadband airflow

**Background**

California's Building Standards Code is updated on a regular three-year cycle. The CEC oversees Part 6 of that code, the Energy Code. Staff is evaluating proposed amendments for possible inclusion in the 2022 Energy Code.

For context, the 2019 update to the Energy Code includes new requirements for installation of solar photovoltaic systems in newly constructed low-rise residential buildings, updates to air filtration standards applicable to all buildings, and new provisions specific to healthcare facilities. The 2022 Energy Code will improve upon the 2019 Energy Code by revising and updating energy efficiency standards for newly constructed buildings, and additions and alterations to existing buildings.

The goal of this workshop is to solicit feedback from stakeholders and members of the public before the start of the formal rulemaking process. The next steps following these workshops include drafting of Express Terms of the 2022 Energy Code, followed by a formal adoption proceeding and public comment period beginning in early 2021. After concluding the public process, staff anticipates publishing the 2022 Energy Code during the first half of 2022, presenting the Code to the CEC and the California Building Standards Commission for adoption, and setting an effective date of January 1, 2023. Based on this schedule, the standards will apply to building permit applications submitted on or after January 1, 2023.

### **Oral Comments**

Oral comments will be accepted during the workshops. You may also send comments to be relayed by the Public Advisor on your behalf to [publicadvisor@energy.ca.gov](mailto:publicadvisor@energy.ca.gov). [Please submit these comments](#) by 5:00 p.m. the day before the workshop. To ensure that all participants have a chance to speak, comments may be limited to five minutes per speaker and one speaker per organization. All comments will become part of the public record for this proceeding.

### **Written Comments**

Written comments may be submitted at any time prior to the workshop, and by **5:00 p.m. on October 21, 2020**, following the workshop.

Written and oral comments, attachments, and associated contact information, such as address, telephone 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 the CEC e-commenting system to file a comment to docket number 19-BSTD-03 at this link <https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=19-BSTD-03>.

At 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), Microsoft® Excel, 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 Nonresidential lighting, Air Distribution and Nonresidential HVAC Controls" 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

All written comments shall comply with the requirements found at 20 CCR §1208.1.

### **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 proceeding, or to request interpreting 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, or toll free at (800) 822-6228. Requests for interpreting services or other reasonable accommodations should be made at least five days in advance. The CEC will work diligently to accommodate late requests.

Direct media inquiries to [mediaoffice@energy.ca.gov](mailto:mediaoffice@energy.ca.gov) or (916) 654-4989.

Direct questions on the subject matter of this meeting to Payam Bozorgchami at [payam.bozorgchami@energy.ca.gov](mailto:payam.bozorgchami@energy.ca.gov) or (916) 654-4618 or Peter Strait at [peter.strait@energy.ca.gov](mailto:peter.strait@energy.ca.gov) or (916) 654-2817.

### **Remote Attendance**

Zoom is the CEC's online meeting service. When attending remotely, presentations will appear on your device screen and audio may be heard via the device or telephone. Please be aware that the Zoom meeting may be recorded. Zoom technical support is available at <https://support.zoom.us/> and by clicking the meeting link below and using Zoom's chatbot feature located in the lower right corner of the screen. You may also contact the Public Advisor's Office for assistance by phone or email as instructed above.

**Join Via Computer:** Follow the link below and the instructions on your screen to join the Zoom Meeting.

Join Zoom Meeting:

<https://energy.zoom.us/j/96225668285?pwd=b3BWS1NnVkJjQWJuWXNqalA1SVFaQT09>

Meeting ID: 962 2566 8285

Password: 215940

### **Join Via Mobile Device:**

One-tap mobile  
6692192599,,96225668285#  
8884754499,,96225668285# US Toll-free  
8778535257,,96225668285# US Toll-free

### **Join Via Telephone Only:**

Dial by your location  
(669) 219-2599  
(888) 475-4499 US Toll-free  
(877) 853-5257 US Toll-free  
Meeting ID: 962 2566 8285  
Or find your local number: <https://zoom.us/zoomconference>

### **Availability of Documents**

Documents and presentations for this meeting will be available at CEC's e-comment page for Docket Number 19-BSTD-03 at this link:

<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=19-BSTD-03>.

The proposal document for nonresidential air distribution is available for download at this link:

<https://efiling.energy.ca.gov/GetDocument.aspx?tn=234800&DocumentContentId=67654>.

### **Mail Lists:**

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