

**DOCKETED**

<b>Docket Number:</b>	19-BSTD-03
<b>Project Title:</b>	2022 Energy Code Pre-Rulemaking
<b>TN #:</b>	235374
<b>Document Title:</b>	November 3 Notice - Nonresidential Ventilation and Reduced Infiltration Proposals
<b>Description:</b>	This document provides notice to the public of a CEC hosted workshop on proposals for ventilation and reduced infiltration in nonresidential buildings taking place on November 3, 2020.
<b>Filer:</b>	Peter Strait
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	10/21/2020 10:57:56 AM
<b>Docketed Date:</b>	10/21/2020

**CALIFORNIA ENERGY COMMISSION**

1516 Ninth Street  
Sacramento, California 95814

Website: [www.energy.ca.gov](http://www.energy.ca.gov)

CEC-70 (Revised 5/2020)



*IN THE MATTER OF:*

*2022 Energy Code Pre-Rulemaking*

Docket No. 19-BSTD-003

NOTICE OF REMOTE-ACCESS  
WORKSHOP

RE: Proposed 2022 Energy Code  
Ventilation for Indoor Air Quality and  
Reduced Infiltration Proposals

**Notice of Staff Workshop**  
**November 3, 2020**  
**9:00 a.m.**  
**Remote Access Only**

The California Energy Commission (CEC) will host a remote-access workshop to present and discuss proposed changes to nonresidential air infiltration, and residential ventilation for indoor air quality requirements for the 2022 update of the Building Energy Efficiency Standards (Energy Code).

The workshop will be held remotely, consistent with Executive Orders N-25-20 and N-29-20 and the recommendations from the California Department of Public Health to encourage physical distancing to slow the spread of COVID-19. The public can participate in the workshop consistent with the direction in these Executive Orders. Instructions for remote participation via Zoom are below.

### **Agenda**

This webinar will include staff presentations on proposed new standards for air infiltration in commercial buildings and ventilation for indoor air quality in residential dwelling units in the 2022 Energy Code. There will be opportunities for public comment.

Specific measures and topics of discussion include, but are not limited to:

- Reduced infiltration in nonresidential buildings
- Improved effectiveness of ventilation in residential dwelling units to improve indoor air quality

## **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 it 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.

In addition to reduced infiltration in nonresidential buildings, the workshop will review draft improvements to ventilation in residential buildings by addressing three topics. For multi-family buildings, draft amendments would require 1) energy recovery ventilators or heat recovery ventilators be used to meet the balanced ventilation system compliance alternative, and 2) sealing of central ventilation duct systems through leakage testing using fan pressurization of ducts procedure. For both multi-family and single family dwelling units, draft amendments would require kitchen range hoods to have the capability to more effectively remove cooking-related pollution, through use of models that have been tested and rated to meet a specified performance for capture efficiency or increased airflow.

## **Public Comment**

Oral and written comments, attachments, and associated contact information (including association, address, phone number, and email address) will become part of the public record of this proceeding with access available via any internet search engine.

**Oral Comments:** Oral comments will be accepted during the workshop. Comments may be limited to three minutes or less per speaker and one person per organization. See detailed instructions below.

**Written comments:** Written comments must be submitted to the Docket Unit by **5:00 p.m. on November 17, 2020.**

The CEC encourages use of its electronic commenting system. Visit the CEC [e-commenting page](https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=19-BSTD-03) at <https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=19-BSTD-03>, which links

to the comment page for this docket. 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 as a downloadable, searchable document in Microsoft® Word (.doc, .docx), Microsoft® Excel, or Adobe® Acrobat® (.pdf) file. The maximum file size is 10 MB.

Written comments may also be submitted by email. Include docket number 19-BSTSD-03 and "2022 Energy Code Air Infiltration and Air Quality" in the subject line and email to [docket@energy.ca.gov](mailto:docket@energy.ca.gov).

A paper copy may also be sent to:

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

All written comments shall comply with the requirements of the 20 California Code of Regulations §1208.1.

### **Public Advisor and Other CEC Contacts**

The CEC's Public Advisor's Office provides the public with assistance in participating in CEC proceedings. For information on participation or to request interpreting services or other reasonable accommodations, please contact Public Advisor Noemí O. Gallardo at [publicadvisor@energy.ca.gov](mailto:publicadvisor@energy.ca.gov), 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 all requests.

**Media inquiries** should be directed to [mediaoffice@energy.ca.gov](mailto:mediaoffice@energy.ca.gov) or (916) 654-4989.

**Technical subject inquiries** should be directed 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**

Participants may join the scheduled session by clicking on the link below. The workshop may also be accessed through [Zoom](https://zoom.us) at <https://join.zoom.us> by entering the unique meeting ID and password listed below. Please be aware that the Zoom meeting may be recorded.

Join Proposed 2022 Indoor Air Quality and Reduced Infiltration Workshop:  
<https://energy.zoom.us/j/93772457756?pwd=QTlvZGEzSnh6TEwHQVhV1crSFR0dz09>  
Meeting ID: 937 7245 7756  
Meeting password: 130134

**Zoom:** [Zoom technical support](https://support.zoom.us/) is available at <https://support.zoom.us/> or by clicking the workshop link above and using Zoom's chatbot feature, located in the lower right corner of the

screen. You can also contact Zoom at (888) 799-9666 ext. 2, or the Public Advisor's Office via email or phone.

**To Participate by Telephone Only:** To participate by telephone, dial (877) 853-5257 or (888) 475-4499 (toll free), or (669) 219-2599 (toll) or find your local number from [Zoom](#) at <https://zoom.us/zoomconference>. When prompted, enter the workshop meeting ID. To comment, dial \*9 to "raise your hand" and \*6 to mute/unmute your phone line.

## **Availability of Documents**

Documents and presentations for this workshop will be available at the CEC's e-comment page for [docket number 19-BSTD-03](#) at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=19-BSTD-03>.

The proposal document for Reduced Infiltration is available for download at this link: <https://efiling.energy.ca.gov/GetDocument.aspx?tn=235145&DocumentContentId=68023>.

Dated: October 21, 2020, at Sacramento, California



---

Peter Strait  
Supervisor, Building Standards Office, California Energy Commission

Listservers:  
buildingstandards listserver  
efficiency listserver  
implementation SB350 listserver