

DOCKETED	
Docket Number:	21-IEPR-06
Project Title:	Building Decarbonization and Energy Efficiency
TN #:	238165
Document Title:	Notice of IEPR Commissioner Workshop on Building Decarbonization – Equipment, Technology, and Supply Chain
Description:	<p>The workshop will be held in two sessions on Tuesday, June 22, 2021, as follows:</p> <p>9:00 a.m. Session 1: Scale of Building Decarbonization in California, Equipment, and Supply Chain</p> <p>https://energy.zoom.us/j/98862344238?pwd=d0YzdDZlczJNZzVFMUNubVQyUWVqdz09</p> <p>Webinar ID: 988 6234 4238</p> <p>Webinar Passcode: IEPR2021</p> <p>To participate by telephone, call (888) 475-4499 or (669) 219-2599. When prompted, enter the ID and passcode above.</p> <p>2:00 p.m. Session 2: Emerging Technologies and Solutions</p> <p>https://energy.zoom.us/j/96270490410?pwd=VGy2R3dwdnFveVBSTDZOdI9lQ01SZz09</p> <p>Webinar ID: 962 7049 0410</p> <p>Webinar Passcode: IEPR2021</p> <p>To participate by telephone, call (888) 475-4499 or (669) 219-2599. When prompted, enter the ID and passcode above.</p>
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CEC-70 (Revised 2/2021)

**IN THE MATTER OF:***2021 Integrated Energy Policy Report
(2021 IEPR)*

Docket No. 21-IEPR-06

NOTICE OF REMOTE-ACCESS WORKSHOP

RE: Building Decarbonization – Equipment,
Technology, and Supply Chain

Notice of IEPR Commissioner Workshop on Building Decarbonization – Equipment, Technology, and Supply Chain

Tuesday, June 22, 2021

Remote Access Only

The California Energy Commission (CEC) will host a workshop to examine the equipment and technologies needed to reduce greenhouse gas (GHG) emissions associated with California's buildings. The workshop will also explore the current state of supply chains for low-carbon building equipment. Commissioner J. Andrew McAllister is the CEC's Lead Commissioner for the *2021 Integrated Energy Policy Report (2021 IEPR)* and also the lead for the analysis of building decarbonization for the 2021 IEPR proceeding.

A quorum of commissioners may participate, but no votes will be taken.

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.

The workshop will be held in two sessions on Tuesday, June 22, 2021, as follows:

- **9:00 a.m. Session 1:** [Scale of Building Decarbonization in California, Equipment, and Supply Chain](#)
<https://energy.zoom.us/j/98862344238?pwd=d0YzdDZlczJNZzVFMUNubVQyUWVqdz09>
 Webinar ID: **988 6234 4238**
 Webinar Passcode: **IEPR2021**

To participate by telephone, call (888) 475-4499 or (669) 219-2599. When prompted, enter the ID and passcode above.

- **2:00 p.m. Session 2: [Emerging Technologies and Solutions](#)**
<https://energy.zoom.us/j/96270490410?pwd=VGY2R3dwdnFveVBSTDZOdi9lQ01SZz09>
Webinar ID: **962 7049 0410**
Webinar Passcode: **IEPR2021**

To participate by telephone, call (888) 475-4499 or (669) 219-2599. When prompted, enter the ID and passcode above.

Remote Attendance

Remote access is available by both internet or call-in options. Participants may join any or all scheduled panel sessions by clicking on the links above or by logging in via Zoom™ at <https://zoom.us/>, entering in the unique Webinar ID, Passcode, and following all prompts.

To participate by telephone, call toll-free at (888) 475-4499 or at (669) 219-2599. When prompted, enter the passcode for the session of your choice.

If you experience difficulties joining, contact Zoom at (888) 799-9666 ext. 2, or the Public Advisor's Office at publicadvisor@energy.ca.gov, or by phone at (916) 654-4489, or toll-free at (800) 822-6228.

Agenda

In the morning, CEC staff and decarbonization experts will present information on the scale of decarbonization equipment needed to meet building GHG reduction goals in California. Low-carbon building equipment manufacturers will discuss market-ready technologies, associated supply chains, and market projections and needs. Builders and developers will also discuss expected demand for these technologies, identified barriers to quickly scaling up these technologies, and potential solutions to address the identified barriers.

In the afternoon, researchers, and equipment manufacturing representatives will discuss emerging solutions and technologies to further decarbonize buildings in the coming years. A detailed meeting schedule will be posted prior to the workshop at the CEC's [2021 IEPR webpage](#) (<https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2021-integrated-energy-policy-report/2021-iepr>).

Background

The [2019 IEPR](#) (<https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2019-integrated-energy-policy-report>) identified the building sector as a significant contributor to California's GHG emissions. It indicated a combination of clean energy supplies, deep energy efficiency improvements in buildings and appliances, and electric demand flexibility would be required to reduce GHG emissions from California buildings. The *2019 IEPR* also discussed several barriers and solutions to achieving significant GHG emission reductions from buildings.

As directed by Assembly Bill 3232 (Friedman, Chapter 373, Statutes of 2018), in May 2021, the CEC released its staff draft [California Building Decarbonization Assessment](#) report

(<https://efiling.energy.ca.gov/GetDocument.aspx?tn=237733&DocumentContentId=70963>). This initial report analyzes scenarios to reduce GHG emissions in residential and commercial buildings by at least 40 percent by 2030, identifies strategies to reduce emission reductions, and discusses the related impacts, costs, and barriers.

This workshop will discuss the scale of existing building and new construction needs in California; equipment, and supply chain needed to meet building decarbonization goals; and emerging solutions to address barriers for deep decarbonization of the state's buildings.

Public Comment

Oral comments will be accepted at the end of each session. Comments may be limited to three minutes or less per speaker and one person per organization. Depending on the number of members of the public seeking to make a comment, the facilitator may adjust the total time allotted for public comment and the time allotted for each comment.

If participating via Zoom's online platform, use the "raise hand" feature to alert the administrator that you would like to make a comment after the lead commissioner opens the floor for public comment.

If participating by telephone, press *9 to "raise your hand" and *6 to mute/unmute. A workshop administrator will call on you by the last four digits of your phone number and you should unmute your phone before introducing yourself and sharing your comment.

Written comments must be submitted to the Docket Unit by 5:00 p.m. on **July 7, 2021**. The CEC encourages use of its electronic commenting system. Visit the [e-commenting page](https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=21-IEPR-06) (<https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=21-IEPR-06>) 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 or Adobe® Acrobat®. The maximum file size allowed is 10 MB.

Written comments may be submitted by email. Include docket number **21-IEPR-06** and **Building Decarbonization (Equipment)** in the subject line and email to docket@energy.ca.gov.

If preferred, a paper copy may be sent to:

California Energy Commission
Docket Unit, MS-4
Docket No. 21-IEPR-06
1516 Ninth Street
Sacramento, California 95814-5512

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

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 reasonable accommodations, please contact the Public Advisor's Office at publicadvisor@energy.ca.gov, by phone at (916) 654-4489, or toll free at (800) 822-6228. Requests for interpreting services and reasonable accommodations should be made at least five days in advance. The CEC will work diligently to accommodate all requests.

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

Direct technical subject inquiries to Kristy Chew at email kristy.chew@energy.ca.gov or (916) 764-5605.

Direct general inquiries regarding the IEPR proceeding to Raquel Kravitz, IEPR Project Manager, at raquel.kravitz@energy.ca.gov or (916) 651-8836.

Availability of Documents

Documents and presentations for this meeting will be available on the CEC's webpage titled [2021 IEPR Workshops, Notices and Documents](https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2021-integrated-energy-policy-report/2021-iepr) at <https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2021-integrated-energy-policy-report/2021-iepr>, or on the CEC's dockets page [21-IEPR-06](https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=21-IEPR-06) at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=21-IEPR-06>.

When new information is posted, an email will be sent to those on the energypolicy list serve. To receive these notices, subscribe at [Integrated Energy Policy Report - IEPR | California Energy Commission](https://energy.ca.gov/data-reports/integrated-energy-policy-report) page, <https://energy.ca.gov/data-reports/integrated-energy-policy-report>. Manage existing list servers or sign up for others at [CEC List Servers](https://ww2.energy.ca.gov/listservers/index_cms.html), https://ww2.energy.ca.gov/listservers/index_cms.html.

Dated: Wednesday, June 9, 2021, at Sacramento, California

List Servers: decarbonization, efficiency, existing_buildings, loadmanagement, electricity, pierbuilding, energypolicy, dcag