

**DOCKETED**

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<b>Project Title:</b>	Decarbonization
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<b>Organization:</b>	California Energy Commission
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**CALIFORNIA ENERGY COMMISSION**

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Sacramento, California 95814

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

CEC-70 (Revised 5/2020)



*IN THE MATTER OF:*

*Decarbonization  
(19-DECARB-01)*

Docket No. 19-DECARB-01

NOTICE OF REMOTE-ACCESS  
WORKSHOP

RE: Fuel Substitution Scenario  
Analysis Tool

## **Revised Notice of Postponed Workshop - Notice of Building Decarbonization: AB 3232 – Fuel Substitution Scenario Analysis Tool Workshop**

### **Remote Access Only**

#### **Workshop 1: June 9, 2020**

Start Time 9:00 a.m.

#### **Workshop 2: To Be Determined ~~June 26, 2020~~**

Start Time **To Be Determined** ~~9:00 a.m.~~

**We will post a revised notice of rescheduled workshop at least 10 days prior to the new date, once that new date is identified.**

The California Energy Commission (CEC), will host two part-day remote access workshops to discuss and gather input on the Building Decarbonization Assessment pursuant to Assembly Bill (AB) 3232 (Friedman, Chapter 373, Statutes of 2018). 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 is able to participate and observe the workshop consistent with the direction in these Executive Orders. Instructions for remote participation via Zoom are below.

### **Agenda**

CEC staff will host two part-day workshops on the AB 3232 Fuel Substitution Scenario Analysis Tool (FSSAT) and preliminary FSSAT results for the assessment. FSSAT is a tool that enhances the

CEC's ability to project greenhouse gas (GHG) emissions, electricity, natural gas, and cost impacts under various fuel substitution scenarios at the utility, sector, and end-use levels. The first workshop (June 9) will cover model assumptions, and aggregate-level emission impacts and costs. The second workshop (**To Be Determined**~~June 26~~) will cover cost effectiveness and technology-specific results.

A detailed meeting schedule will be posted prior to the workshop at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?doctetnumber=19-DECARB-01>, Decarbonization docket, 19-DECARB-01.

The information, data, and stakeholder feedback from these workshops will be considered for inclusion into the Building Decarbonization Assessment required by AB 3232.

## **Background**

Over the past 15 years, California has recognized the urgent need to mitigate the causes of climate change. AB 32 (Nunez, Chapter 488, Statutes of 2006), the Global Warming Solutions Act of 2006, established an initial goal for California to reduce its GHG emissions to 1990 levels by 2020. Subsequent Executive Orders<sup>1</sup> pushed this goal further with directives for reductions of 40 percent below 1990 levels by 2030, 80 percent below 1990 levels by 2050, and statewide carbon neutrality by 2045. Senate Bill (SB) 32 (Pavley, Chapter 249, Statutes of 2016) codified the 2030 goal, and the companion bill, AB 197 (Garcia, Chapter 250, Statutes of 2016), emphasized the equitable implementation of climate change policies for benefits to reach disadvantaged communities.

In 2015, Governor Brown signed SB 350 (De León, Chapter 547, Statutes of 2015), the Clean Energy and Pollution Reduction Act, which codified the state's goal of procuring 50 percent renewable electricity by December 31, 2030. SB 350 also included an assessment of the potential to double energy efficiency savings in electricity and natural gas end uses by 2030. SB 350 directed CEC to study barriers to energy efficiency and clean energy for low-income customers and disadvantaged communities and offer recommendations to increase their access.<sup>2</sup>

In 2017, the Legislature expanded California's GHG reduction strategies to explicitly include decarbonizing buildings. AB 3232 directed CEC to assess the potential of reducing GHG emissions from buildings to 40 percent below 1990 levels by 2030. SB 1477 (Stern, Chapter 378, Statutes of 2018) directed the California Public Utilities Commission (CPUC) to establish programs incentivizing the installation of low or zero GHG appliances in homes.

SB 100 (de León, Chapter 312, Statutes of 2018) established planning targets of 100 percent zero carbon electricity by 2045 and increased the 2030 renewables target from 50 percent to 60 percent. Governor Brown also issued Executive Order B-55-18, establishing a new statewide goal of carbon neutrality by 2045.<sup>3</sup>

<sup>1</sup> Executive Orders [S-03-05](#), [B-30-15](#), and [B-55-18](#)

<sup>2</sup> The SB 350 Low Income Barriers Study was adopted in December 2016. <https://www.energy.ca.gov/rules-and-regulations/energy-suppliers-reporting/clean-energy-and-pollution-reduction-act-sb-350-3>

<sup>3</sup> [Executive Order B-55-18](#)

The Building Decarbonization Assessment required by AB 3232 is being developed in consultation with the California Air Resources Board, the CPUC, and the California Independent System Operator, and will be completed by January 1, 2021. The CEC will also consider and align this effort with other relevant policies and proceedings.

## **Public Comment**

### **Oral Comments:**

Commissioners will accept oral comments at the end of the workshop. Comments may be limited to three minutes or less per speaker and one person per organization. If participating via Zoom's online platform, use the "raise hand" feature so the administrator can announce your name and unmute you. If you are participating by telephone, press \*9 to "raise your hand" and \*6 to mute/unmute. See detailed instructions below.

### **Written comments:**

Written comments must be submitted to the Docket Unit by 5:00 p.m. on **To Be Determined** ~~July 10, 2020~~. 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. Staff will also be accepting informal clarifying questions via e-mail at [nicholas.janusch@energy.ca.gov](mailto:nicholas.janusch@energy.ca.gov) after the first workshop on June 9 and prior to the second workshop on **To Be Determined** ~~June 26~~. To the extent possible, staff will address those comments either by e-mail or during the second workshop as appropriate. For the Building Decarbonization: AB 3232 – Fuel Substitution Scenario Analysis Tool, the CEC encourages use of its electronic commenting system. Visit the <https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=19-DECARB-01> page or <https://www.energy.ca.gov/proceedings/e-filing-and-e-commenting>, 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) or Adobe® Acrobat® (.pdf) file. The maximum file size allowed is 10 MB.

Written comments may also be submitted by email. Include docket number 19-DECARB-01 and Building Decarbonization: AB 3232 – Fuel Substitution Scenario Analysis Tool 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-DECARB-01  
1516 Ninth Street

Sacramento, California 95814-5512

## 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 language services or 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 language services and reasonable accommodations should be made at least five days in advance. The CEC will work diligently to accommodate all requests.

**Zoom:** If you experience difficulties, you may contact Zoom at 1-888-799-9666 ext. 2, or the Public Advisor's Office via email or phone.

**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.

**Technical subject inquiries** should be directed to Heriberto Rosales at [heriberto.rosales@energy.ca.gov](mailto:heriberto.rosales@energy.ca.gov) or (916)-654-4879, or Nicholas Janusch at [nicholas.janusch@energy.ca.gov](mailto:nicholas.janusch@energy.ca.gov) or (916)-651-9080.

**For general inquiries** regarding the Building Decarbonization: AB 3232 – Fuel Substitution Scenario Analysis Tool, please contact Heriberto Rosales at [heriberto.rosales@energy.ca.gov](mailto:heriberto.rosales@energy.ca.gov) or (916)-654-4879, or Nicholas Janusch at [nicholas.janusch@energy.ca.gov](mailto:nicholas.janusch@energy.ca.gov) or (916)-651-9080.

## Remote Attendance

Participants may join scheduled panel sessions by clicking on the links below. The meeting may also be accessed at <https://join.zoom.us> by entering the unique Meeting ID and password for each session listed below. To comment, dial \*9 to "raise your hand." To participate by telephone, see instructions below.

**Panel Session:** Workshop 1 June 9, 2020: Building Decarbonization: AB 3232 – Fuel Substitution Scenario Analysis Tool

<https://energy.zoom.us/j/91771391261?pwd=bkt3aEQ2WGdTTW93cS9uQ0VYRVVYzZ09>.

Workshop 2 **To Be Determined** June 26, 2020: Building Decarbonization: AB 3232 – Fuel Substitution Scenario Analysis Tool

<https://energy.zoom.us/j/94779630153?pwd=OXlPeXlMUxBWRjJzYmNhMC9CMW1Gdz09>.

**Meeting ID:** 917 7139 1261 (June 9, 2020), 947 7963 0153 (**To Be Determined** June 26, 2020).

**Meeting password:** ab3232@9 (for both June 9 and **To Be Determined** 26)

## To Participate by Telephone Only:

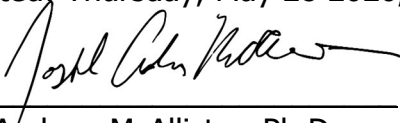
To participate by telephone, dial 1-888-853-5257 or 1-888-475-4499 (toll free). When prompted, enter the unique Zoom ID for the session. To comment, dial \*9 to "raise your hand" and \*6 to mute/unmute your phone line.

## **Availability of Documents**

Documents and presentations for this meeting will be available at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=19-DECARB-01>.

When new information is posted, an email will be sent to those on the climatechange, existing\_buildings, naturalgas, dcag, and implementationsb350 list serve. To receive these notices, subscribe at <https://ww2.energy.ca.gov/listservers/index cms.html> page. Manage existing list serves or sign up for others at [CEC List Servers](#).

Dated: Thursday, May 28 2020, at Sacramento, California



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J. Andrew McAllister, Ph.D  
Commissioner

List Servers: climatechange, existing\_buildings, naturalgas, dcag, implementationsb350