

DOCKETED	
Docket Number:	21-ESR-01
Project Title:	Resource Planning and Reliability
TN #:	258295
Document Title:	Notice of Availability and Request for Comments on the Draft Senate Bill 423 Emerging Renewable and Firm Zero-Carbon Resources
Description:	NOTICE OF AVAILABILITY RE: Emerging Renewable and Firm Zero-Carbon Resources
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Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	8/5/2024 8:21:40 AM
Docketed Date:	8/5/2024

CALIFORNIA ENERGY COMMISSION715 P Street
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CEC-70 (Revised 7/22)

**IN THE MATTER OF:***Emerging Renewable and Firm Zero-Carbon Resources*

DOCKET NO. 21-ESR-01

NOTICE OF AVAILABILITY

RE: Emerging Renewable and Firm Zero-Carbon Resources

**Notice of Availability and Request for Comments on the
*Draft Senate Bill 423 Emerging Renewable
and Firm Zero-Carbon Resources Report***

The California Energy Commission (CEC) is releasing the *Draft Senate Bill (SB) 423 Emerging Renewable and Firm Zero-Carbon Resources Report* in compliance with Senate Bill (SB) 423 (Stern, Chapter 243, Statutes of 2021). The draft report is available at [Docket No. 21-ESR-01](https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=21-ESR-01), at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=21-ESR-01>.

Background

SB 423 requires the CEC, in consultation with the California Public Utilities Commission (CPUC), California Independent System Operator, and California Air Resources Board, to submit to the Legislature an assessment report of emerging firm zero-carbon resources that support a clean, reliable, and resilient electrical grid in California.

This report defines and provides a qualitative assessment of various firm zero-carbon resources, including a summary of key barriers, and provides recommendations to address challenges in the adoption and implementation of each. The report utilizes the CPUC's Preferred System Plan and the CEC Reliability Model, analyzing multi-day events across different seasons and assessing the potential need for firm resources.

On November 17, 2023, the CEC held a workshop to present preliminary information on the readiness, cost, and performance attributes of firm zero-carbon technologies as well as preliminary results of reliability modeling assessments. Information from the workshop was incorporated into developing the *Draft Senate Bill 423 Emerging Renewable and Firm Zero-Carbon Resources Report*. All workshop documents including the agenda, transcripts, and presentation, are available at

[Docket No. 21-ESR-01](https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=21-ESR-01), at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=21-ESR-01>.

The CEC will review and consider comments submitted on the *Draft Senate Bill 423 Emerging Renewable and Firm Zero-Carbon Resources Report*. The final draft is expected to be available by October 2024.

Public Comment

Written comments must be submitted to the Docket Unit **by 5:00 p.m. on August 16**.

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 internet search engines.

The CEC encourages the use of its electronic commenting system. Visit [the e-commenting page for Docket No. 21-ESR-01](#) at

<https://efiling.energy.ca.gov/EComment/EComment.aspx?docketnumber=21-ESR-01>. Enter your contact information and a subject title that describes your comment. 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-ESR-01** and "*SB 423 Emerging Renewable and Firm Zero-Carbon Resources Report*" 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-ESR-01
715 P Street
Sacramento, California 95814-5512

Public Advisor.

The CEC's Public Advisor is available to assist with public participation in CEC proceedings. To request assistance email publicadvisor@energy.ca.gov or call (916) 957-7910.

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Availability of Documents: [Notices and documents](#) for this proceeding are available at Docket No. [21-ESR-01](#), at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=21-ESR-01>. When new information is posted, an email will be sent to those subscribed to "Electricity Issues," "Resource Planning and Reliability," and "Disadvantaged Communities Advisory Group" subscription topics. To receive these notices or notices of other email subscription topics, visit [Subscriptions](#), at <https://www.energy.ca.gov/subscriptions>. Find these topics by clicking the link for "all topics."

Dated: August 5, 2024, at Sacramento, California

Subscription Topics: Electricity Issues, Resource Planning and Reliability, Disadvantaged Communities Advisory Group