



**California Energy Commission  
05.08.2024 Business Meeting  
Backup Materials for Agenda Item No. 09**

**Scoping Order for the 2024 Integrated Energy Policy Report Update  
(2024 IEPR) (Docket 24-IEPR-01)**

The following backup materials for the above-referenced agenda item are available as described below:

1. Proposed Order, attached below.
2. Scoping Order for the 2024 IEPR Update, attached below.

For the complete record, please visit: [2024 Integrated Energy Policy Report Update \(ca.gov\)](https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2023-integrated-energy-policy-report), <https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2023-integrated-energy-policy-report> or [Docket Log 24-IEPR-01](#).

To stay informed about this project and receive documents as they are filed, please subscribe to the proceeding topic, which can be accessed here: [Integrated Energy Policy Report - IEPR | California Energy Commission](https://energy.ca.gov/data-reports/integrated-energy-policy-report), <https://energy.ca.gov/data-reports/integrated-energy-policy-report>. The topic sends out email notifications and direct links when documents are filed in the proceeding docket.

STATE OF CALIFORNIA

STATE ENERGY RESOURCES  
CONSERVATION AND DEVELOPMENT COMMISSION

**IN THE MATTER OF:**

*Preparing the final Scoping Order for the  
2024 IEPR Update*

**Docket No. 24-IEPR-01**

ORDER INSTITUTING  
INFORMATIONAL PROCEEDING

**I. Introduction**

The California Energy Commission (CEC) is required to adopt the Integrated Energy Policy Report (IEPR) every two years and an update on alternate years.<sup>1</sup> The *2023 IEPR* contains an overview of major energy trends and issues facing the state, as well as a number of detailed assessments of energy supply and demand, energy reliability, efficiency, and other energy issues affecting the state’s economy, public health and safety, and environment. The *2024 IEPR Update* will update certain analyses from the *2023 IEPR*, raise energy issues that have emerged since the *2023 IEPR* was adopted, and address certain other statutory requirements. The IEPR update proceeding requires participation from, and coordination with an array of public and private stakeholders, including utilities, public agencies, marketers, producers, generators, importers and exporters, and others, many of whom submit detailed information to support the CEC’s analytical efforts. This IEPR update proceeding will also include consultation and coordination with California Native American tribes under the CEC Tribal Consultation Policy. Numerous workshops and other opportunities for public participation will be provided throughout the year-long proceeding. All public IEPR events are publicly noticed. Written comment and information from stakeholders and transcripts of IEPR events submitted into one of several IEPR dockets maintained for the proceeding, together with tribal consultation and engagement, serve as the basis for the recommendations in the final *2024 IEPR Update*.

**II. Assignment of the Committee and Scope**

Determining the scope of the *2024 IEPR Update* begins with review of the applicable statutory provisions, found in Public Resources Code sections 25301 et seq, and specific sections of the Public Utilities Code and Health and Safety Code which direct the CEC to periodically report on certain information and assessments in the IEPR. Additionally Public Resources Code section 25996(a) & (b) requires the *2024 IEPR Update* to include an evaluation of wave and tidal

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<sup>1</sup> Public Resources Code, sections 25301 & 25302.

energy. Chair David Hochschild is the Lead Commissioner for the *2024 IEPR Update* and Vice Chair Siva Gunda is the Associate Commissioner.

On March 22, 2024, the Lead Commissioner issued a draft scoping order identifying the topics that will be examined in the *2024 IEPR Update*.<sup>2</sup> Following public comment, the final *Scoping Order for the final 2024 IEPR Update* was issued on April 22, 2024.<sup>3</sup> The scope of the report addresses two topics:

- Electricity demand forecast update
- Wave and tidal energy

The *Scoping Order for the 2024 IEPR Update* is available from the program [webpage](https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2024-integrated-energy-policy-report-update) at <https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2024-integrated-energy-policy-report-update>. The *2024 IEPR Update* may also address other topics as the Lead Commissioner deems necessary.

### III. Hearings and Workshops

The Commissioners responsible for overseeing the *2024 IEPR Update* will issue notices at least ten days in advance of their respective hearings and workshops and will identify at that time when written comments and testimony will be due, as well as the manner of the filing. Any person may make oral comments on the subject of this proceeding at these hearings and workshops. The written public comment periods for this proceeding, and the manner in which they will be required to be filed, will be established by separate notice.

### IV. Authority

Pursuant to Public Resources Code section 25210 and California Code of Regulations, Title 20, section 1220(b), informational proceedings allow the CEC to hold hearings and take other actions to gather and assess information needed to assist it in formulating policies. Instituting an informational proceeding with the adoption of this Order ensures that the assigned Commissioners responsible for overseeing the preparation of the *2024 IEPR Update* can collect the information needed to complete the required analyses and assessments.

### V. Participation

Those interested in receiving notices of workshops and hearings for the *2024 IEPR Update* can subscribe at <https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2024-integrated-energy-policy-report-update>. (Scroll down the right side of the page to find “subscribe.”). Alternatively, parties may go to [CEC Subscriptions](https://www2.energy.ca.gov/listservers/index cms.html), <https://www2.energy.ca.gov/listservers/index cms.html> to sign up for the energypolicy subscription topic. There will be opportunities for providing comments before and during these hearings, the details of which will be specified in the notice issued for each hearing. In general, the following instructions will apply, but may be modified in the hearing notice:

**For the *2024 IEPR Update*, the CEC is using an electronic commenting system for written comments.** Visit the [website](https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2024-integrated-energy-policy-report-update) at <https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2024-integrated-energy-policy-report-update>. Please select and expand the appropriate docket (there are four separate dockets for the *2024 IEPR Update* and more may be added as needed) and click on the “**Submit e-Comment**” link. This will take you to the page for adding comments to that docket. Please enter your contact information and comment title. You

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<sup>2</sup> TN 255223.

<sup>3</sup> TN 255866.

may include comments in the box titled “Comment Text” or attach a file with your comments. Attached comments must be in a Microsoft® Word (.doc, .docx) or Adobe® Acrobat® (.pdf) formatted file. The CEC encourages use of its electronic commenting system, but written comments may be submitted by emailing them to the Dockets Office, or by U.S. Mail to:

California Energy Commission  
Dockets Unit, MS-4  
Re: Docket No. 24-IEPR-01  
715 P Street  
Sacramento, CA 95814

If you choose not to use the electronic filing system, please include the appropriate docket number on any emailed or written comments. Comments may alternatively be emailed to [docket@energy.ca.gov](mailto:docket@energy.ca.gov), with the appropriate docket number provided in the subject line. Please note that your electronic, emailed, written and oral comments, attachments, and associated contact information (for example, address, phone number, and email address) become part of the viewable public record. Additionally, this information may become available via Google, Yahoo, and other search engines.

Any person may make oral comments on the subject of the proceeding at workshops, hearings, and any other public events or forums for the *2024 IEPR Update*; the notice for each event will identify further details and any limitations surrounding the provision of such comments. California Native American tribes will also be invited to participate in government-to-government discussions to inform the *2024 IEPR Update*. The Lead and Associate Commissioners overseeing the *2024 IEPR Update* may also require the presence and participation of certain persons, consistent with the nature and purpose of the proceeding.

The CEC’s Public Advisor assists the public with participation in CEC proceedings. To request assistance, interpreting services, or reasonable modifications and accommodations, call (916) 957-7910 or email [publicadvisor@energy.ca.gov](mailto:publicadvisor@energy.ca.gov) as soon as possible but at least five days in advance. The CEC will work diligently to meet all requests based on availability. If you have questions about the subject matter of this order, please contact Heather Raitt, Director for the Integrated Energy Policy Report, at (916) 628-2355 or by email at [Heather.Raitt@energy.ca.gov](mailto:Heather.Raitt@energy.ca.gov).

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

## **VI. Conclusion and Order**

The CEC therefore appoints the Lead and Associate Commissioners named above and orders the institution of an informational proceeding for the *2024 IEPR Update*, directing the Executive Director and staff to gather and assess the information needed to prepare the *2024 IEPR Update* consistent with the scope identified in section II above, under guidance of the Lead and Associate Commissioners.

**IT IS SO ORDERED.**

**CERTIFICATION**

The undersigned Secretariat to the Energy Commission does hereby certify that the foregoing is a full, true, and correct copy of an order duly and regularly adopted at a meeting of the CEC held on \_\_\_\_\_.

- AYE:
- NAY:
- ABSENT:
- ABSTAIN:

\_\_\_\_\_  
Kristine Banaag  
Secretariat  
California Energy Commission

*Attachment: final Scoping Order for the 2024 IEPR Update*

**CALIFORNIA ENERGY COMMISSION**715 P Street  
Sacramento, California 95814[energy.ca.gov](http://energy.ca.gov)

CEC-70 (Revised 7/22)



In the matter of:	)	Docket No. 24-IEPR-01
	)	
Preparation of the	)	
<i>2024 Integrated Energy Policy Report (IEPR)</i>	)	Scoping Order
<i>Update</i>	)	

## **Scoping Order for the *2024 Integrated Energy Policy Report Update***

The California Energy Commission (CEC) biennially develops the *Integrated Energy Policy Report (IEPR)* that broadly assesses California’s energy system and puts forward recommendations to advance California’s clean energy future for all, with an update in the intervening years. CEC Chair David Hochschild will serve as lead commissioner for the *2024 IEPR Update*, with Vice Chair Siva Gunda serving as associate member.

### **Scope**

As described below, the *2024 IEPR Update* will provide updates on the California Energy Demand Forecast. Further, it will meet the statutory obligations set forth in Senate Bill (SB) 605 (Padilla, Chapter 405, Statutes of 2023) to evaluate wave and tidal energy.

- 1. Electricity Demand Forecast Update:** The *2024 IEPR Update* will include an updated 15-year electricity demand forecast with the latest demographic and economic data. The updated forecast will include scenarios that estimate the potential impacts of the state’s decarbonization strategies and other sources of load growth, such as increases in the number of data centers in the state.
- 2. Wave and Tidal Energy:** SB 605 requires the CEC, in consultation with other state agencies pursuant to Public Resources Code, section 25996(a), to evaluate the following six areas. Further, the CEC will consult with California Native American tribes pursuant to the CEC Tribal Consultation Policy on this evaluation related to wave and tidal energy.
  1. Evaluate factors that may contribute to the increased use of wave and tidal energy in California.

2. Provide findings on latest research about the technological and economic feasibility of deploying offshore wave and tidal energy off the coast of California in state and federal waters.
3. Evaluate wave and tidal energy project potential transmission needs and permitting requirements.
4. Evaluate wave and tidal energy project economic and workforce development needs.
5. Identify near-term actions related to investments and workforce for wave and tidal projects, to maximize job creation and economic development, while considering affordable electric rates and bills.
6. Identify a monitoring strategy to gather sufficient data to evaluate impacts to marine and tidal ecosystems and inform adaptive management.

Further, SB 605 requires the CEC to submit a report to the Governor and Legislature that summarizes the *2024 IEPR Update* findings on wave and tidal resources to inform legislative and executive actions on the topic.

### **Legislative Authority**

Public Resources Code (PRC) Section 25301(a) requires the CEC to “conduct assessments and forecasts of all aspects of energy industry supply, production, transportation, delivery and distribution, demand, and prices.” These assessments and forecasts are used to develop recommendations for energy policies that conserve state resources, protect the environment, provide reliable energy, enhance the state’s economy, and protect public health and safety. The CEC includes these energy policy recommendations in its biennial IEPR that is issued in odd-numbered years, such as in the *2023 IEPR*.

Further, PRC Section 25302(c) requires the CEC to prepare an update in alternate years to report on issues raised in the biennial IEPR or identify new energy issues that have arisen during the intervening year. The *2024 IEPR Update* will fulfill that requirement.

### **Key Statutory and Executive Order Initiatives**

The *2024 IEPR Update* will broadly reflect the many key policy initiatives that shape California’s energy policies, including:

- Senate Bill 605 (Padilla, Chapter 405, Statutes of 2023), which requires the CEC to evaluate the feasibility, costs, and benefits of using wave energy and tidal energy.
- Assembly Bill 1279 (Muratsuchi, Chapter 337, Statutes of 2022), which requires steps to ensure California reaches net-zero GHG emissions by 2045.
- Senate Bill 1020 (Laird, Chapter 361, Statutes of 2022), which mandates steps to ensure renewable and zero-carbon sources make up 90 percent of the state’s electricity by 2035.

- Senate Bill 887 (Becker, Chapter 358, Statutes of 2022), which requires the California Public Utilities Commission and CEC to provide guidance and inputs to support the development of transmission capacity needed to deliver renewable or zero-carbon resources by 2035, in coordination with the California Independent System Operator.
- Senate Bill 100 (De León, Chapter 312, Statutes of 2018), which accelerated the state’s renewables goal to 60 percent by 2030 and put into law the state’s commitment to a 100 percent renewable and zero-carbon electricity system by 2045.
- Senate Bill 32 (Pavley, Chapter 249, Statutes of 2016), which amended the Global Warming Solutions Act of 2006. It called for a statewide reduction of GHG emissions of 40 percent below 1990 levels by 2030.
- Senate Bill 350 (De León, Chapter 547, Statutes of 2015), which increased renewable procurement targets, required a doubling of energy efficiency savings by 2030, and directed the CEC to identify barriers to accessing the benefits of clean energy, including barriers low-income customers face in accessing energy efficiency, weatherization, and photovoltaics.

## 2024 IEPR Update Schedule

The lead commissioner directs CEC staff to use the following general schedule. As public workshop and event topics and dates are finalized, the CEC will post notices on its website and notify stakeholders at least 10 days in advance of each workshop date. The [schedule](https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2024-integrated-energy-policy-report-update) will be posted and regularly updated at <https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2024-integrated-energy-policy-report-update>.

<b>Task/Event</b>	<b>Date</b>
Final 2024 IEPR Update Scoping Order released	April 2024
Adopt order instituting informational proceeding for 2024 IEPR Update	May 2024
Public workshops on specific topics	May 2024–December 2024
Release draft <i>2024 IEPR Update</i>	October 2024
Release proposed <i>2024 IEPR Update</i>	January 2025
Adopt 2024 IEPR Forecast	January 2025
Adopt <i>2024 IEPR Update</i>	February 2025

Tribal engagement and consultation will also be conducted pursuant to CEC’s Tribal Consultation Policy.

## Participation in the Integrated Energy Policy Report Proceeding

Policy recommendations contained in the *2024 IEPR Update* will be based on the record developed during the proceeding, including data and technical analyses by staff and



stakeholders. Analysis and information developed in other proceedings at the CEC and by other agencies will be incorporated as appropriate. Participants should use Docket Number 24-IEPR-01 and associated dockets when submitting information for the lead commissioner's consideration as follows:

- 24-IEPR-01 - General/Scope
- 24-IEPR-02 - Electricity Resource Plans
- 24-IEPR-03 - Electricity Demand Forecast
- 24-IEPR-04 - Wave and Tidal Energy

The lead commissioner encourages the participation of all interested and affected participants because public input is essential to ensuring a complete and thorough record. As in previous proceedings, the lead commissioner recognizes that close consultation and coordination with federal, state, local, and other agencies and California Native American tribal governments is critical to identifying and addressing energy infrastructure and related environmental challenges. The lead commissioner directs staff to continue working with these agencies and governments to ensure their participation in this proceeding.

## **Contacts**

**Public Advisor.** The CEC's Public Advisor assists the public with participation in CEC proceedings. To request assistance, interpreting services, or reasonable modifications and accommodations, call (916) 957-7910 or email [publicadvisor@energy.ca.gov](mailto:publicadvisor@energy.ca.gov) as soon as possible but at least five days in advance of the workshop. The CEC will work diligently to meet all requests based on availability.

**Tribal Liaison.** The CEC's Tribal Liaison is available to assist all California Native American tribes, call (916) 839-0386 or email [sierra.graves@energy.ca.gov](mailto:sierra.graves@energy.ca.gov)

**Media Inquiries.** Email [mediaoffice@energy.ca.gov](mailto:mediaoffice@energy.ca.gov) or call (916) 654-4989.

**Technical Subject Inquiries.** Email Heather Raitt at [heather.raitt@energy.ca.gov](mailto:heather.raitt@energy.ca.gov) or call (916) 628-2355.

**General Inquiries.** Email Raquel Kravitz at [raquel.kravitz@energy.ca.gov](mailto:raquel.kravitz@energy.ca.gov) or call (916) 907-4284.

## **Availability of Documents**

When new information is posted, an email will be sent to those on the integrated energy policy report subscription. Those interested in receiving these notices can [subscribe](https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2024-integrated-energy-policy-report-update) at <https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2024-integrated-energy-policy-report-update>, or manage existing [subscriptions](#) or sign up for others at <https://www.energy.ca.gov/subscriptions>.

Dated: April 22, 2024, at Sacramento, California

**Subscriptions:** Integrated Energy Policy Report; Disadvantaged Communities Advisory Group; Diversity Outreach Program; decarbonization topics; energy research and development; electricity issues; general natural gas and LNG issues; general transportation and petroleum issues; climate change issues; efficiency topics; offshore renewable energy; Tribal Program