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Document Title:	Notice of Request for Comments on the Draft Scoping Order for the 2025 Integrated Energy Policy Report
Description:	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. The CEC seeks comments on the proposed focus of the 2025 IEPR proceeding.
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In the matter of:)	Docket No. 25-IEPR-01
)	
Preparation of the)	
<i>2025 Integrated Energy Policy Report</i>)	Draft Scoping Order
)	

Notice of Request for Comments on the Draft Scoping Order for the 2025 Integrated Energy Policy Report

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. The CEC seeks comments on the proposed focus of the *2025 IEPR* proceeding.

California has enacted a broad portfolio of policies and programs to achieve rapid economywide decarbonization while maintaining energy reliability, affordability, and enhancing equity. The electric system will be foundational for achieving the state’s climate change mitigation and public health protection goals. The 2021 Senate Bill 100 Joint Agency Report concluded that construction of new renewable generation and storage must be sustained at record-setting rates to achieve zero-carbon retail sales of electricity. At the same time, over 1 million chargers will need to be connected to the grid by 2030 to power millions of light-, medium-, and heavy-duty electric vehicles, according to the [Assembly Bill 2127 Electric Vehicle Infrastructure Assessment](#)¹. Building decarbonization – the process of reducing greenhouse gas emissions from buildings, including through increasing the use of electric appliances – is also driving fundamental shifts in how the state plans for and invests in its clean energy future. One of the state’s building electrification policies includes a goal of installing 6 million electric heat pumps by 2030.

¹ Davis, Adam, Tiffany Hoang, Thanh Lopez, Jeffrey Lu, Taylor Nguyen, Bob Nolty, Larry Rillera, Dustin Schell, Micah Wofford. 2023. [Assembly Bill 2127 Second Electric Vehicle Charging Infrastructure Assessment: Assessing Charging Needs to Support Zero-Emission Vehicles in 2030 and 2035](#). California Energy Commission. Publication Number: CEC-600-2024-003-CMR. <https://efiling.energy.ca.gov/GetDocument.aspx?tn=254869>

The CEC and the California Public Utilities Commission (CPUC) identified risks to deploying clean energy resources in the [Joint Agency Reliability Planning Assessment](#),² including supply chain disruptions, permitting delays, and interconnection delays. Through the [Tracking Energy Development Task Force](#),³ the CPUC, CEC, California Independent System Operator (California ISO), and the Governor’s Office of Business and Economic Development are working together to help overcome barriers to new project development. Timely deployment and integration of clean energy technologies with the electric grid are critical, and delays or bottlenecks may limit progress on meeting policy targets.

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 *Integrated Energy Policy Report* that is issued in odd-numbered years.

Proposed Scope

Advancing clean energy deployment: The proposed focus of the *2025 Integrated Energy Policy Report (2025 IEPR)* is advancing clean energy deployment. This focus includes assessments of the potential for hydrogen under Senate Bill 1075 (Skinner, Chapter 363, Statutes of 2022) and analysis of firm, zero-carbon resources following Senate Bill 423 (Stern, Chapter 243, Statutes of 2021). In addition to the question of specific clean energy technologies, the *2025 IEPR* will identify barriers and solutions to accelerate connection with the grid as directed by Assembly Bill 1373 (Garcia, Chapter 367, Statutes of 2023). This task will build on the work of the *2023 IEPR* on interconnection and provide an update on new developments related to interconnection, energization, and associated system upgrades.

Electricity and natural gas forecast: The *2025 IEPR* will include a full update to the 15-year electricity and natural gas forecast, using the latest demographic and economic data. The new forecast will include scenarios that estimate the impacts of the state’s decarbonization strategies on electricity and gas demand. There will be a focus on

2 Yee Yang, Chie Hong, and Sarah Goldmuntz (CPUC). May 2024. [Joint Agency Reliability Planning Assessment](#). California Energy Commission. Publication Number: CEC-200-2024-006. <https://efiling.energy.ca.gov/GetDocument.aspx?tn=256229&DocumentContentId=92014>

3 For more information on the [Tracking Energy Development Task Force](#) see, <https://www.cpuc.ca.gov/industries-and-topics/electrical-energy/summer-2021-reliability/tracking-energy-development>.

developing a weather-dependent stochastic hourly electricity load dataset consistent with demand forecast assumptions.

Load-shift goal update: The *2025 IEPR* will provide updates on California’s load shift resource potential and make policy recommendations to reduce net-peak electricity following PRC Section 25302.7 and Senate Bill 846 (Dodd, Chapter 239, Statutes of 2022). The first IEPR update on the statewide load shift goal will use 2025 demand forecasting results and electrification market trends to develop load-shifting scenarios and measure California’s near-term and long-term potential for increased demand flexibility. This analysis will also discuss potential strategies and market reforms to reach the 7-gigawatt (GW) goal by 2030, as adopted by CEC in 2023 in consultation with the CPUC and the California ISO.

Chair David Hochschild will serve as lead commissioner for the *2025 IEPR*, with Vice Chair Siva Gunda as associate commissioner for the technical body of the report.

Key Statutory and Executive Order Initiatives

The *2025 IEPR* will reflect the many key policy initiatives that shape California’s energy policies, with an emphasis on:

- Assembly Bill 1373 (Garcia, Chapter 367, Statutes of 2023), which requires that CEC, in consultation with the CPUC, assess barriers to electricity interconnection and energization and provide recommendations on ways to accelerate those processes.
- Assembly Bill 1279 (Muratsuchi, Chapter 337, Statutes of 2022), which requires steps to ensure California reaches net-zero GHG emissions by 2045.
- Senate Bill 846 (Dodd, Chapter 239, Statutes of 2022), which requires adoption and biennial updates to a goal for load shifting to reduce net-peak electrical demand. It further mandates recommendations of policies to increase demand response and load shifting without increasing greenhouse gas emissions or increase electric rates.
- Senate Bill 887 (Becker, Chapter 358, Statutes of 2022), which requires that the CPUC, California ISO, and CEC coordinate on planning and approving additional transmission capacity needed to deliver renewable or zero-carbon resources expected to be developed by 2035. Renewable or zero-carbon resources include technologies such as solar photovoltaics or wind turbines.
- 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 1075 (Skinner, Chapter 363, Statutes of 2022), which requires analysis of the potential growth of hydrogen and the associated role in decarbonizing the transportation and electric sectors.

- Senate Bill 423 (Stern, Chapter 243, Statutes of 2021), which requires that the CEC timely incorporate firm zero-carbon resources into the Integrated Energy Policy Report. Firm zero-carbon resources are defined as electrical resources that can deliver zero-carbon electricity with high availability for the expected duration of multiday extreme weather events and ease integration of eligible renewable energy resources into the electrical grid and the transition to a zero-carbon electrical grid.
- Executive Order N-79-20 (2020), which establishes targets for 100 percent of light-duty passenger vehicle and truck sales being zero emission by 2035; all operating drayage and off-road equipment being zero emission by 2035, and all operating medium- and heavy-duty vehicle being zero emission by 2045 for all operations where feasible.
- 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 100 percent renewable and a zero-carbon electricity system by 2045.
- Senate Bill 350 (De León, Chapter 547, Statutes of 2015), which directed the CEC to identify barriers to accessing the benefits of clean energy, including the barriers low-income customers face in accessing energy efficiency, weatherization, and photovoltaics; increased renewable procurement targets; and required the updating of targets to achieve a doubling of energy efficiency savings by 2030.

Proposed 2025 IEPR Schedule

The lead commissioner will direct the CEC staff to use the following general schedule. As workshop 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](#) will be posted and regularly updated at <https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2025-integrated-energy-policy-report>.

Task/Event	Estimated Date(s)
Public workshops on specific topics	December 2024 – January 2026
Final Scoping Order released	March 2025
Adopt order instituting informational proceeding for 2025 IEPR	April 2025
Release draft <i>2025 IEPR</i>	November 2025
Public and tribal engagement and consultation	December 2024 – January 2026

Release final <i>2025 IEPR</i>	February 2026
Adopt <i>2025 IEPR</i>	March 2026

Participation in the Integrated Energy Policy Report Proceeding

Policy recommendations contained in the *2025 IEPR* will be based on the record developed during the proceeding, including workshops, engagement, consultations, and data and technical analyses by the 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 the IEPR docket number 25-IEPR-01 and associated dockets (shown below) when submitting information for the Lead Commissioner’s consideration:

- 25-IEPR-01 - General/Scope
- 25-IEPR-02 - Electricity Resource Plans
- 25-IEPR-03 - Electricity and Gas Demand Forecast
- 25-IEPR-04 - Hydrogen
- 25-IEPR-05 - Load Shift Goal Update
- 25-IEPR-06 - Accelerating Interconnection and Energization

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 coordination with California Native American tribes as well as federal, state, local, and other agencies is important for identifying and addressing energy infrastructure and related environmental challenges. The lead commissioner directs staff to continue working with these governmental entities to ensure their participation in this proceeding.

Public Comment

Written comments: Written comments on the 2025 IEPR Draft Scoping Order must be submitted to the Docket Unit by **5:00 p.m. on February 11, 2025.**

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

The CEC encourages use of its electronic commenting system.

Visit the [e-commenting](#) page, at <https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=25-IEPR-01>, which links to the comment page for this docket. Select or enter a proceeding to be taken to the "Add Comment" page. 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 in Microsoft® Word (.doc, .docx) or Adobe® Acrobat® (.pdf) file. Maximum file size is 10 MB.

Written comments may also be submitted by email or mail if you choose not to use the electronic filing system. Include the docket number **25-IEPR-01 and "2025 Scoping Order"** in the subject line and send to docket@energy.ca.gov.

If preferred, a paper copy may be sent to:

California Energy Commission
Docket Unit, MS-4
Docket No. 25-IEPR-01
715 P Street
Sacramento, California 95814-5512

Contacts

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 as soon as possible but at least five days in advance. The CEC will work diligently to meet all requests based on availability.

Media inquiries should be directed to the Media and Public Communications Office at mediaoffice@energy.ca.gov or (916) 654-4989.

Questions on the technical subject matter should be directed to Sandra Nakagawa, Director of the Integrated Energy Policy Report, at (916) 796-5987 or by email at IEPR@energy.ca.gov

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](#) at <https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report-iepr/2025-integrated-energy-policy-report>, or manage existing [subscriptions](#) or sign up for others at <https://www.energy.ca.gov/subscriptions>.

Dated: January 28, 2025, at Sacramento, California

Subscriptions:

Integrated Energy Policy Report; Electricity Issues; General Natural Gas and LNG Issues; General Transportation and Petroleum Issues; Clean Transportation Program; Disadvantaged Communities Advisory Group; Diversity Outreach Program; Climate Change Issues; Efficiency Topics; Energy Efficiency Program for Existing Buildings; Decarbonization Topics; Tribal Program