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CALIFORNIA ENERGY COMMISSION

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Sacramento, California 95814

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CEC-70 (Revised 7/22)

***IN THE MATTER OF:***

*Preparing the 2025 Integrated Energy
Policy Report (2025 IEPR)*

Docket No. 25-IEPR-01

Scoping Order

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 for all, with an update in the intervening years. CEC Chair David Hochschild will serve as lead commissioner for the *2025 IEPR*, with Vice Chair Siva Gunda serving as associate commissioner.

Scope

As described below, the focus of the *2025 IEPR* will be advancing clean energy deployment. Further, the *2025 IEPR* will provide a full update to the California Energy Demand Forecast and updates on California's load-shift resource potential.

- 1. 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.
- 2. Electricity and gas forecast:** The *2025 IEPR* will include a full update to the 15-year electricity and 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 developing a weather-dependent stochastic hourly electricity load dataset consistent with demand forecast assumptions to inform system planning for extreme weather events. Further, the *2025 IEPR* will include an update of select North American commodity gas prices and end-use rates (delivered prices) looking out to 2050.

- 3. 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 Public Resources Code (PRC) Section 25302.7 and Senate Bill 846 (Dodd, Chapter 239, Statutes of 2022). The first IEPR updating 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 the CEC in 2023 in consultation with the California Public Utilities Commission (CPUC) and the California Independent System Operator (California ISO).

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 and evaluate, through recommendations, energy policies that conserve resources, protect the environment, ensure energy reliability, 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.

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 the 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 electricity 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 electrical 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 updating of targets to achieve a doubling of energy efficiency savings by 2030.

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](https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2025-integrated-energy-policy-report) 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
Draft Scoping Order posted	January 28, 2025
Final Scoping Order released	March 2025
Adopt order instituting informational proceeding for 2025 IEPR	April 2025
Release draft 2025 IEPR	November 2025
Public and tribal engagement and consultation	December 2024 – January 2026
Release proposed final 2025 IEPR	February 2026
Adopt 2025 IEPR	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, stakeholders, and others. 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 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 and consultation 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.

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: March 20, 2025, at Sacramento, California

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