

DOCKETED	
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Project Title:	Electricity and Gas Demand Forecast
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Document Title:	Notice of Availability California Energy Demand Forecast, 2023 – 2040
Description:	Notice of Availability California Energy Demand Forecast, 2023 – 2040
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CEC-70 (Revised 7/22)

*IN THE MATTER OF:**2023 Integrated Energy Policy Report
(2023 IEPR)*

DOCKET NO. 23-IEPR-03

NOTICE OF AVAILABILITY

RE: California Energy Demand Forecast,
2023 – 2040

Notice of Availability California Energy Demand Forecast, 2023 – 2040

The California Energy Demand Forecast, 2023 – 2040 (Demand Forecast 2023) is available for public review and will be considered for adoption at the California Energy Commission (CEC) business meeting on February 14, 2024. The forecast was developed under the direction of Commissioner Monahan and Vice Chair Siva Gunda, lead and associate, respectively, for the 2023 Integrated Energy Policy Report (2023 IEPR) proceeding.

On December 6, 2023, and December 19, 2023, the CEC conducted workshops to present the Demand Forecast 2023 for public feedback. The Demand Forecast 2023 provides forecasts for electricity demand in California and for major utility planning areas within the state. The Demand Forecast 2023 will serve as a key input for numerous planning and procurement efforts, including transmission and distribution system planning, integrated resource planning, and resource adequacy assessments.

Following the December 19, 2023, workshop, CEC staff, in response to stakeholder comments and direction from the commissioners, made further revisions to the Demand Forecast 2023. Staff added load from data centers expected in the Bay Area, based on comments and forecasts from Silicon Valley Power. Staff corrected electricity rate inputs to the distributed generation adoption forecast. Staff made several changes to the hourly forecast. Changes included correcting a one-hour misalignment of electric vehicle charging profiles during the daylight savings time window, correcting a 15-minute misalignment in the photovoltaic profiles, aligning with the annual forecast, and removing utility-scale battery grid-charging load from the metered system data and re-estimating the base consumption profile. Final results are largely consistent with the results presented in December.

The following documents constitute the Demand Forecast 2023 and will be considered for adoption on February 14, 2024.

Baseline Demand Forecast Files

- TN Number: 254254 Title: [CED 2023 Baseline Forecast - SMUD](#)
- TN Number: 254253 Title: [CED 2023 Baseline Forecast - Total State](#)
- TN Number: 254252 Title: [CED 2023 Baseline Natural Gas Forecast](#)
- TN Number: 254251 Title: [CED 2023 Baseline Forecast - BUGL](#)
- TN Number: 254250 Title: [CED 2023 Baseline Forecast - IID](#)
- TN Number: 254249 Title: [CED 2023 Baseline Forecast - LADWP](#)
- TN Number: 254248 Title: [CED 2023 Baseline Forecast - NCNC](#)
- TN Number: 254247 Title: [CED 2023 Baseline Forecast - SCE](#)
- TN Number: 254246 Title: [CED 2023 Baseline Forecast - PGE](#)
- TN Number: 254245 Title: [CED 2023 Baseline Forecast - SDGE](#)

Hourly Demand Forecast Files

- TN Number: 254234 Title: [CED 2023 Hourly Forecast - CAISO - Planning Scenario](#)
- TN Number: 254233 Title: [CED 2023 Hourly Forecast - PGE - Local Reliability](#)
- TN Number: 254232 Title: [CED 2023 Hourly Forecast - PGE - Planning Scenario](#)
- TN Number: 254231 Title: [CED 2023 Hourly Forecast - SCE - Local Reliability](#)
- TN Number: 254230 Title: [CED 2023 Hourly Forecast - SCE - Planning Scenario](#)
- TN Number: 254229 Title: [CED 2023 Hourly Forecast - SDGE - Local Reliability](#)
- TN Number: 254228 Title: [CED 2023 Hourly Forecast - SDGE - Planning Scenario](#)
- TN Number: 254227 Title: [CED 2023 Peak Forecast](#)
- TN Number: 254226 Title: [CED 2023 Hourly Forecast - CAISO - Local Reliability](#)

These documents are available on the CEC's [2023 IEPR webpage](#) at <https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2023-integrated-energy-policy-report>, and in the CEC Docket No. [23-IEPR-03](#) at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=23-IEPR-03>.

Public Comments

Oral comments will be accepted at the business meeting. Comments may be limited to two minutes or less per speaker and one person per organization. To comment via Zoom, use the "raise hand" feature so the administrator can announce your name and unmute you. To comment via telephone, press *9 to "raise your hand" and *6 to mute/unmute. CEC will also accept comments from in-person attendees. Please see the agenda that will be posted on the Business Meeting event page at <https://www.energy.ca.gov/event/meeting/2024-02/energy-commission-business-meeting> for more information.

Written comments may be submitted to the Docket Unit by 10:00 a.m. on February 14, 2024.

The CEC encourages use of its electronic commenting system for written comments. Visit the [e-commenting page](https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=23-IEPR-03) at (<https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=23-IEPR-03>) which links to the comment page for this docket. 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 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. Written comments may also be submitted by email. Include docket number **23-IEPR-03** and **Demand Forecast 2023** in the subject line and email to docket@energy.ca.gov.

Alternatively, a paper copy may be mailed to:
California Energy Commission
Docket Unit, MS-4
Docket No. 23-IEPR-03
715 P Street
Sacramento, California 95814

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