



**California Energy Commission
January 21, 2025 Business Meeting
Backup Materials for FORMS AND INSTRUCTIONS TO COLLECT
ELECTRICITY DEMAND FORECAST DATA**

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

1. Proposed Resolution, attached below.
2. Staff Report for Proposed Forms and Instructions for Submitting Electricity Demand Forecasts, attached below.
3. The Staff Report for Proposed Forms and Instructions for Submitting Electricity Demand Forecasts was submitted to Docket No. 25-IEPR-03 on December 5, 2024 and available at:
 - Demand Form Instructions Presentation:
<https://efiling.energy.ca.gov/GetDocument.aspx?tn=260557&DocumentContentId=96860>
 - IEPR 2025 Forms for Submitting Demand Forecast CCA:
<https://efiling.energy.ca.gov/GetDocument.aspx?tn=260497&DocumentContentId=96791>
 - IEPR 2025 Forms for Submitting Demand Forecast ESP:
<https://efiling.energy.ca.gov/GetDocument.aspx?tn=260500&DocumentContentId=96792>
 - IEPR 2025 Forms for Submitting Demand Forecast IOU:
<https://efiling.energy.ca.gov/GetDocument.aspx?tn=260499&DocumentContentId=96793>
 - IEPR 2025 Forms for Submitting Demand Forecast POU:
<https://efiling.energy.ca.gov/GetDocument.aspx?tn=260498&DocumentContentId=96794>

To stay informed about this project and receive documents as they are filed, please subscribe to the proceeding list serve, which can be accessed here:

<https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report/2025-integrated-energy-policy-report>. The list serve 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

**RESOLUTION ADOPTING FORMS AND INSTRUCTIONS FOR ELECTRICITY
DEMAND FORECASTS DOCKET No. 25-IEPR-03**

WHEREAS, the California Energy Commission (Energy Commission) is directed to "conduct assessments and forecasts of all aspects of energy industry supply, production, transportation, delivery and distribution, demand, and prices" and to "use these assessments and forecasts to develop and evaluate energy policies and programs that conserve resources, protect the environment, ensure energy reliability, enhance the state's economy, and protect public health and safety" (Public Resources Code § 25301(a)); and

WHEREAS, the Integrated Energy Policy Report (IEPR) contains these assessments and associated policy recommendations and is adopted every two years; and

WHEREAS, the Energy Commission requires the submission of electricity demand forecasts and retail price information from utilities and other market participants to perform assessments (Public Resources Code §§ 25302, 25302.5, 25303, 25305, and 25210); and

WHEREAS, under the CEC's regulations, each load serving entity must submit a 10-year electricity demand forecast according to forms and instructions adopted by the CEC (Cal. Code Regs, tit. 20 § 1345), unless otherwise exempt from these filing requirements (see Cal. Code Regs, tit. 20 §§ 1346 & 1350); and

WHEREAS, the Energy Commission staff opened Docket Number 25-IEPR-03 on November 12, 2024 and hosted a webinar on December 10, 2024 to propose data collection requirements, and docketed a Staff Report on December 5, 2024 including proposed Forms and Instructions for Submitting Electricity Demand Forecasts; and

WHEREAS, the proposed Forms and Instructions for Submitting Electricity Demand Forecasts require the submission of information by each load serving entity whose annual peak demand in the last two consecutive years exceeded 200 megawatts;

THEREFORE BE IT RESOLVED, the California Energy Commission hereby adopts the Forms and Instructions for Electricity Demand Forecasts Prepared in Support of the 2025 Integrated Energy Policy Report for the 2025 *IEPR*, along with any changes identified at its January 21, 2025 Business Meeting.

RESOLUTION NO:

CERTIFICATION

The undersigned Secretariat to the CEC does hereby certify that the foregoing is a full, true, and correct copy of a Resolution duly and regularly adopted at a meeting of the CEC held on January 21, 2025.

AYE:

NAY:

ABSENT:

ABSTAIN:

Kristine Banaag
Secretariat



**CALIFORNIA
ENERGY COMMISSION**



**CALIFORNIA
NATURAL
RESOURCES
AGENCY**

California Energy Commission

STAFF REPORT

Forms and Instructions for Submitting Electricity Demand Forecasts

Prepared in Support of the *2025 Integrated
Energy Policy Report*

January 2025 | CEC- 200-2024-020

California Energy Commission

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DISCLAIMER

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ABSTRACT

The California Energy Commission collects electricity demand forecast information from load serving entities in California in support of the *2025 Integrated Energy Policy Report*. This staff report provides forms and instructions identifying the information load-serving entities must submit on electricity demand forecasts, demand-side management and energy efficiency impacts, private supply impacts, and related information for 2025 through 2036, and Historical Years 2023 and 2024.

Keywords: Electricity demand, consumption, forecast, peak, self-generation, conservation, demand-side, energy, efficiency, price, retail, end use.

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EXECUTIVE SUMMARY

This report, for load-serving entities with an annual peak demand greater than 200 megawatts, provides forms and instructions for identifying the electricity demand forecast information that must be submitted to the California Energy Commission (CEC). Electricity demand forecast information includes information related to demand forecasts, energy efficiency and demand-side management impacts, private supply impacts, related information for 2025 through 2036, and Historical Years 2023 and 2024. The CEC will use the information to prepare electricity demand forecasts and assessments as part of the *2025 Integrated Energy Policy Report*.

The CEC is authorized to require California market participants to submit historical data, forecast data, and assessments. California Public Resources Code Sections 25216 and 25216.5 provide broad authority for the CEC to collect data and information “on all forms of energy supply, demand, conservation, public safety, research, and related subjects.”

The CEC is directed by California Public Resources Code Sections 25300–25323 to regularly assess energy demand and supply. These assessments will be included in the *2025 Integrated Energy Policy Report*, or in supporting reports, and provide a foundation for policy recommendations to the Governor of California, the California State Legislature, and other state agencies. These policies seek to conserve resources, protect the environment, ensure energy reliability, enhance the state's economy, and protect public health and safety.

The CEC electricity demand forecasts are used by the California Public Utilities Commission and by the California Independent System Operator to study California’s electricity system with the goal of identifying and planning for new resource and transmission needs. The demand forecast information will also be used to analyze and develop recommendations on issues including progress in achieving energy efficiency, demand response, and renewable energy goals.

General Instructions for Demand Forecast Submittals

California Public Resources Code (PRC) Section 25301 directs the California Energy Commission (CEC) to develop energy policies that conserve resources, protect the environment, ensure energy reliability, enhance the state's economy, protect public health and safety, and to conduct regular assessments of all aspects of energy demand and supply. These assessments serve as the foundation for analysis and policy recommendations to the Governor, Legislature, and other agencies in the *Integrated Energy Policy Report (IEPR)*. PRC Section 25301(a) allows the CEC to carry out these assessments by requiring the:

“submission of demand forecasts, resource plans, market assessments, related outlooks, individual customer historic electric or gas service usage, or both, and individual customer historic billing data, in a format and level of granularity specified by the commission from electric and natural gas utilities, transportation fuel and technology suppliers, and other market participants.”

The CEC’s data collection regulations authorize these forms and instructions to collect data identified in California Code of Regulations (CCR), Title 20, Section 1345.

The CEC is preparing to conduct assessments for the *2025 Integrated Energy Policy Report (2025 IEPR)*. The adopted demand forecast, or range of forecasts, will provide a foundation for the analysis and recommendations for the *2025 IEPR*, including resource assessments and analysis of progress toward meeting energy efficiency, demand response, and renewable energy goals. These forecasts are used by the California Public Utilities Commission (CPUC) in integrated resource planning and resource adequacy proceedings and by the California Independent System Operator (California ISO) in transmission planning, resource adequacy, and grid reliability studies.

The CEC uses data provided by the utilities to consider a range of perspectives on demand trends. The CEC is requesting electricity demand forecasts, associated demand-side management, energy efficiency, private supply impacts, and other related information from all load-serving entities (LSE) with annual peak demand greater than 200 megawatts (MW). Filers must use the forms and instructions in this report when submitting this information.

Separate documents will direct the contents and format of resource planning information. LSEs should verify that assessments submitted on resource plan forms are consistent with the submitted demand forecast.

Definitions of terms used in these forms and instructions are described in a dedicated section near the end of this report.

Questions about these forms and instructions should be directed to Cam-Giang Nguyen, Data Integration Branch, by phone at (916) 237-2522 or by email at cam-giang.nguyen@energy.ca.gov.

Who Must File

Data are requested from all LSEs whose annual peak demand in the last two consecutive years exceeded 200 MW.

PRC Section 25301 and CCR, Title 20, Section 1345, give the CEC authority to require forecast submittals from all entities engaged in generating, transmitting, or distributing electric power by any facility. These entities include utility distribution companies (UDC) — specifically investor-owned utilities (IOU) and publicly owned utilities (POU), energy service providers (ESP), community choice aggregators (CCA) permitted to operate under Assembly Bill 117 (Migden, Chapter 838, Statutes of 2002), and all other entities that serve end-use loads, collectively referred to as LSEs. However, small LSEs¹ need not comply with the complete reporting requirements but may be required to submit demand forecasts in an alternative abbreviated form established by the CEC. For this specific IEPR proceeding, the CEC is not requesting long-term forecast data using these forms from any LSE with peak demand less than 200 MW in either of the last two years.

Summary of Requested Data

UDCs and CCAs must submit relevant portions of Forms 1, 2, 3, 4 and 8. ESPs must submit Forms 7.1 and 8.1a (ESP) only. **Table 1** describes the data requested in each form and filing requirements for each type of LSE. More detailed descriptions of each form appear later in this report.

¹ A small LSE has an annual peak demand of 200 megawatts or less in two consecutive calendar years preceding the required data filing date and is regulated by the CPUC or owned or operated by a public government entity.

Table 1: Demand Forecast Form Descriptions

Form	LSEs Required to Submit Data
1.1a -Retail Sales of Electricity by Class or Sector(Bundled and Direct Access)	IOU
1.1b -Retail Sales of Electricity by Sector	IOU/POU/CCA
1.2 -Total Energy to Serve Load	IOU/POU
1.3 -LSE Coincident Peak Demand by Sector	IOU/POU/CCA
1.4 -Distribution Area Coincident Peak Demand	IOU
1.5 -Peak Demand Weather Scenarios	IOU/POU
1.6a -Hourly Loads by BAA / TAC AREA	IOU/POU
2.1 -Forecast Economic and Demographic Assumption	IOU/POU
2.2 -Electricity Rate Forecast	IOU/POU
2.3 -Customer Count & Other Forecasting Inputs	IOU/POU
3 -Incremental Demand Modifier Impacts	IOU/POU/CCA
4 -Forecast Methodology Documentation	IOU/POU/CCA
7.1 -ESP Report of Loads and Resources Under Contract	ESP
8.1a(IOU) -Revenue Requirements by Major Cost Categories/Unbundled Rate Component	IOU
8.1a(POU) -Budget Appropriations or Actual Costs and Cost Projections by Major Expense Category	POU
8.1a(CCA) -Budget Appropriations or Actual Costs and Cost Projections by Major Expense Category	CCA
8.1a(ESP) -Estimated Power Supply Costs	ESP
8.1b(Bundled) -Revenue Requirements Allocation	IOU/POU
8.1b(CCA) -Revenue Requirements Allocation	CCA
8.1b(Departed Load) -Revenue Requirements Allocation for Direct Access Service Customers	IOU

Changes From Previous Integrated Energy Policy Report (2023)

Changes to the *2025 Forms and Instructions for Submitting Electricity Demand Forecasts* include the following:

- Historical data are required for 2023 and 2024.
- Forecast data are required for 2025 through 2036.
- Form 8 received minor updates to expense categories.

Due Dates

Forms 1 through 7 must be submitted on or before **Monday, June 16, 2025**.

Form 8 must be submitted on or before **Monday, July 14, 2025**.

LSEs that require additional time may request an extension by submitting a written request to the executive director of the Energy Commission, as described in CCR, Title 20, Article 2, Section 1342.

Submittal Format Requirements

For all filings, parties are required to use the CEC's e-filing system. This system requires LSEs to submit their demand data and narratives electronically by uploading to CEC's e-filing system. A user's guide to the e-filing system is posted at <http://www.energy.ca.gov/e-filing/>. After completing registration, log in and select the following proceeding from the drop-down menu: **25-IEPR-03 Electricity and Gas Demand Forecast**.

When naming an attached file of 30 megabytes or less, please include the LSE's name in the filename. Attachments should be submitted as separate files and clearly identified. Cover letters that identify documents that are part of the filing are unnecessary.

If requesting confidentiality for any part of the submittal, please read and follow the instructions in "Appendix A: Confidentiality Applications." For confidentiality applications that require document signatures, the words "Original signed by" and the signee's typed name can serve in lieu of a wet signature. **Yellow fill should be used to highlight all cells for which the LSE is requesting confidentiality.** CEC staff will use color coding to track these requests and to protect data determined to be confidential.

Electronic information files are required for:

- Data on specified forms using Microsoft Excel®.
- Reports, narratives, and cover letters in Microsoft Word® or Adobe Acrobat®.

A template with data forms will be available on the CEC website or by request. While it is preferred that filers use this template, participants may provide these results in their own format if the equivalent information is provided and clearly labeled. Reporting forms and instructions will be found on the docket page and at <https://www.energy.ca.gov/data-reports/forms-instructions-reporting-electric-and-natural-gas-sales-and-electric>.

Protocols for Submitted Demand Forecasts

The demand forecast submitted should be the projection of total electricity consumption most likely to occur. Locally supplied energy is reported separately from sales. Because these forecasts provide a basis for resource assessments, adjust total consumption at the end-user level by losses to reflect total usage at the generation level. Local private supply reduces system requirements and losses; therefore, distribution utilities should submit forecasts of local private supply.

The primary purpose of the data requested is for each LSE to provide its view of demand trends and document the methods and data used to develop the forecast. Some data may also be used for developing the staff forecast. The CEC does not require the use of specific forecasting methods.

General instructions on how to submit the forecast include the following:

- LSE forecasts are to provide projected electricity demand for 2025 to 2036 and historical data for 2023 and 2024. The historical data should represent actual amounts or the LSE's best estimate at the time of filing. ESPs should provide projections for the period through which they have contracted load.
- UDCs are to provide forecasts for expected "bundled" customers (customers to whom they provide both generation and distribution services) and for all customers they provide distribution services to, including direct access, CCA load, and any other form of LSE providing generation services to end users. Bundled load is reported on Forms 1.1 and 1.3. Total load is reported on Forms 1.2 and 1.4.
- LSEs are to prepare demand forecasts using one of the following:
 - Franchise service area defined by applicable state law or regulatory decisions lawfully determined by the CPUC
 - A definition of distribution utility service area that is mutually agreed upon by the distribution utility and CEC staff

Specific Instructions

Data are requested from all LSEs whose annual peak demand in the last two consecutive years exceeded 200 MW.

UDCs and CCAs are to complete relevant portions of Forms 1 through 4 and Form 8. ESPs complete only Forms 7 and 8.1a (ESP).

Several forms request data by sector. Definitions of the sectors used in the CEC forecast models are listed in the “Definitions” section near the end of this report. However, LSEs that use other sectors or customer classes to develop their forecast should modify forms as needed to report the forecast using their own categories and document their sector or customer class definitions.

Form 1 Historical and Forecast Electricity Demand

Form 1.1 Retail Sales of Electricity by Class or Sector

Form 1.1a is for the entry of total retail sales of electricity to all customers receiving distribution service from the reporting UDC. Sales should be measured on the customer side of the meter in gigawatt-hours (GWh). Each UDC should modify the sectors listed on the Form 1.1 template to reflect the sectors or classes by which they forecast. The historical data submitted through Form 1.1a should be consistent with the data used by that UDC in developing its sales forecast.

Form 1.1b is for the entry of total retail sales of electricity to customers receiving electricity service from the reporting LSE.

These forms also ask for documentation of the amount of load assumed to be migrating to or from the UDC and load growth associated with previously unserved areas. If the forecast of departing load is based on historical trends, this form should report historical data. IOU forecasts impacted by the planned formation or service expansion of a specific CCA should include the name of the CCA along with the expected magnitude of the load departure by sector (residential and nonresidential). Load forecasted to depart to yet unplanned CCA expansions should be indicated separately.

Form 1.2 Distribution Area Net Electricity or Generation Load

Form 1.2 is for the entry of electricity deliveries in GWh by type of customer and the addition of losses to calculate utility system energy requirements. Each UDC should report deliveries for the following categories, as applicable:

- Sales to bundled customers (from Form 1.1b)
- Deliveries to direct access customers
- Deliveries to customers of CCAs
- Deliveries to customers of other publicly owned departed or departing load (such as irrigation districts) in the UDC’s distribution area

Losses are to be calculated at generation busbar and should represent total transmission and distribution losses, as well as any other unaccounted-for losses in the system.

Form 1.3 Peak Demand by Sector

Form 1.3 records coincident peak demand by sector with and without losses. The coincident peak is the sector peak at the time of the distribution area peak. Reported losses should be calculated at the generation busbar and include distribution, transmission, and unaccounted-for energy. Peak demand for residential and commercial sectors should, if possible, be separated into base load or weather-sensitive peak demand.

UDCs should also show the amount of migrating load assumed in the forecast. IOUs should use this form to show the amount of load expected to be gained in newly developed areas or lost to municipalized load or community choice aggregation. POUs should identify expected load growth or loss from migrating load or newly developed areas included in their base forecast.

Form 1.4 Distribution Area Peak Demand

Form 1.4 is for the entry of peak demand and losses at the time of the distribution system peak by type of customer, where the categories provided are:

- Coincident peak demand and losses of bundled customers (from Form 1.3).
- Coincident peak demand and losses of direct access customers.
- Coincident peak demand and losses of CCA entities.
- Coincident peak demand and losses of other publicly owned departing or departed load (such as irrigation districts) that are still in the distribution area.

Losses entered should represent total transmission and distribution losses at the point of generation, as well as any other unaccounted-for losses in the system.

Form 1.5 Peak Demand Weather Scenarios

This form records distribution area peak demand forecasts under high-temperature conditions. The cases, referred to as 1-in-5, 1-in-10, and 1-in-20, refer to peak demand under temperature conditions that have a 20, 10, and 5 percent chance of being met or exceeded, respectively. These conditions should be contrasted with the 1-in-2 baseline temperature condition that has a 50 percent chance of being met or exceeded.

Form 1.6a System Hourly Loads

Form 1.6a reports actual system hourly loads and losses for 2023 and 2024 and forecasted hourly loads for 2025. Hourly system loads are to be reported in MW. UDCs should provide a brief explanation of how loads were measured, including the timing of hourly readings such as the beginning of the hour, the ending of the hour, or integration within the hour. In addition, corrections for Daylight Saving Time should be highlighted and include a description of correction method. If complete loads for 2024 are not available, filers are asked to submit at least through September 30, 2024.

Hourly loads should reflect integrated end-user load and the effects of demand-side programs, excluding private supply. IOUs are asked to report bundled and unbundled loads and losses separately. For historical years only, provide the estimated amount of curtailed load resulting from the triggering of demand response and interruptible programs. Moreover, UDCs are asked for estimates of actual outages by hour.

Form 2 Electricity Demand Forecast-Related Input Assumptions

Electricity demand forecasts are usually based on inputs such as economic and demographic variables and electricity rates. List these projections on Forms 2.1 through 2.3. UDCs may provide these variables in a different format as long as the equivalent information is provided and the variables are clearly labeled. Any deflator series used to convert variables from nominal to real values should be provided in these forms.

UDCs should document the sources for, or methods (or both) used to develop, the key input variables in the Form 4 methodology report.

Form 2.1 Economic and Demographic Variables

Form 2.1 lists economic and demographic variables that are used in an LSE's energy demand forecast. Examples include employment and output by industry, relevant area populations, number of households (by type if used), and per capita income.

Only those variables actually used to develop the forecast need be reported. UDCs, particularly those with large geographic planning/service areas, should provide any subutility regional breakdowns of population and income projections used in developing energy forecasts. Subutility regions may be individual counties, groups of counties, or weather zones, or a combination.

Form 2.2 Electricity Rate Forecast

Form 2.2 reports projected retail electricity rates used in the forecast. The rate forecasts should be reported using the same customer sectors or classes as Form 1.1. If forecasted rates are not developed, report historical and current year estimates. Prices should not include local taxes and may be presented in nominal or real dollars, including the deflator. If the rate projections are derived from a specific resource supply plan, those plans should be documented or referenced.

Form 2.3 Customer Counts and Other Inputs

Form 2.3 provides recorded and projected customer counts by major customer sector. Customer counts should reflect end users with whom the UDC has a generation services

relationship. For example, an IOU should not report all customers in its service area, only the bundled service customers.

Load Migration Drivers and Other Assumptions

Economic, demographic, and energy price projections may not exhaust all variables used by the participant to drive the energy demand forecast model(s). In particular, UDCs should identify the data and methods used to project expected load migration in Form 4.

Some utilities may evaluate such factors as:

- The amount and zoning of undeveloped land within the boundaries of the utility district.
- Local residential, commercial, and industrial development policies.
- Local population and income trends.
- Annexation policies.
- The general plan of the municipality.

If other input assumptions affect the forecast, it is critical that they be documented in Form 4. Additional narrative and spreadsheets can be provided, as appropriate.

Form 3 Incremental Demand Modifier Impacts

Form 3 is intended to capture the annual energy and coincident peak demand impacts of demand modifiers on the LSE forecasts reported through Form 1. This information will be used by CEC forecasters as a point of comparison and to ensure that the CEC's system level and LSE forecasts reflect expected changes to consumption patterns that may not otherwise be captured within the CEC's forecast models.

Impacts are to be reported on a cumulative basis and incremental to the last historical year. For example, while the first forecast year would reflect only impacts resulting from demand modifiers deployed in that year, the second forecast year would reflect impacts from deployments in that year, as well as residual impacts from the previous year, and so on.

Demand modifiers may include energy efficiency, distributed generation (DG), battery storage, demand response, building and transportation electrification, and climate change. LSEs may also report the expected impacts of known projects representing a significant increase of customer load due to an emerging or rapidly expanding industry, such as clusters of data centers or cannabis cultivation facilities. While the Form 3 template includes several common load modifier and customer sector categories, LSEs should redefine these categories as necessary to be consistent with their own forecast methods or program activities.

LSEs should distinguish between load modifier impacts associated with committed programs, programs that are not yet committed but considered by the LSE to be reasonably likely to occur, standards, or naturally occurring market adoption. For this purpose, committed programs are those that have an approved implementation plan and full funding and have impacts that can be estimated with a reasonable degree of certainty.

For certain demand modifiers, LSEs may quantify "installations" as part of their forecast analysis. LSEs should report such an installations metric, when relevant, and identify the

specific units. For example, LSEs may report MW of installed PV capacity or number of light-duty vehicle adoptions.

Documentation of the method used to estimate demand modifier impacts is to be presented in Form 4.

Form 4 Documentation of Demand Forecast Methods and Inputs, and Other Related Data

Form 4 is for LSEs to document the electricity demand forecast methods, models, and data used to develop the submitted forecast forms. LSEs may include existing forecast model reports as an appendix to this form if this report includes the following required information.

Form 4 should include:

- A description of demand forecast methods, which should include the structure of any models (for example, single-equation econometric, end-use, time-series, and so on), as well as classes that are forecast individually, such as residential, commercial, and so forth. Filers should describe methods for both sales and peak demand forecasts, including calibration procedures and any weather adjustment/normalization process.
- A description of methods used to develop any high-temperature peak scenarios, such as 1-in-10 or 1-in-20.
- A description of methods (including key assumptions) or sources (or both) for any energy or peak forecasts that feed into the main forecasts, including demand modifiers listed in Form 3, such as electric vehicles, electric rates, and climate change.
- A description of all key input data used in the methods and models described in the previous steps, along with the sources of these data. This account includes a description of weather data used for any weather normalization process.
- A comparison of the demand forecasts with historical data, along with a discussion of any notable differences in trends between forecast and historical values.
- A clear definition of the areas and subareas being forecast.
- Any loss factors included within the forecast for both energy and peak, along with a description of how these loss factors were developed.
- A description of methods used to develop Form 3 load modifier impacts. Describe the key attributes of each load-modifying program or tariff included in the forecast, such as the program description or rate design.

Form 4 should also describe the methods, assumptions, and data used to forecast direct access, community choice aggregation, and other departed load for UDCs, as reported in Forms 1.2 and 1.4. This description should include a list of current and projected ESP and CCA entities in the distribution utility's planning area.

IOUs should describe the methods and data used to account for expected migrating municipal load in their forecasts. Data used to account for migrating or newly departed municipal load should be reported on Form 1 or 2, as appropriate.

POUs and CCAs that anticipate load growth from newly acquired load should identify the areas in which they are acquiring load and describe the data sources used to account for that load growth.

Form 7 Energy Service Provider Demand Forecasts

Form 7.1 ESP Report of Loads and Resources Under Contract

For each utility distribution area in which it serves load, each ESP should provide a projection of annual sales and peak demand for load currently under contract, for as many years as they have any contracted load. ESPs may also choose, but are not required, to provide a forecast of expected load if that approach will be more consistent with the submitted resource information. Forecasts should not include reserve margins.

The variables to be reported, by utility distribution area, are:

- Annual metered sales in megawatt-hours, for customers under contract, before any losses.
- Annual peak demand in MW, including distribution losses, comparable to settlement data.
- Customer counts — residential and nonresidential. Note whether the units reported are number of customers or number of accounts and whether the annual values represent a specific point in time, a specific month, or an average of months across the year.

Form 8 Retail Price and Rate Forms

These forms gather financial data on electric costs, revenue requirements, and cost allocation.

General Instructions

- Provide all financial data in thousands of nominal (current-year) dollars through 2036.
- LSEs may use either fiscal year or calendar year data to report (or project) annual data. For LSEs that report based on a fiscal year, the “year” is the starting year of the fiscal year. Note if the data are on a fiscal-year basis and the start and end dates used.

Form 8.1a Revenue Requirements by Major Expense Categories

Form 8.1a includes similar but distinct forms for each LSE type. Investor-owned utilities are to complete Form 8.1a (IOU), publicly owned utilities are to complete Form 8.1a (POU), CCAs are to complete Form 8.1a (CCA), and retail energy service providers are to complete Form 8.1a (ESP).

Form 8.1a (Investor-Owned Utilities)

This form requests each IOU’s major costs in the recent past and estimates of major costs over the next 10 years. For 2023 through 2025, IOUs are requested to report their CPUC-authorized revenue requirements, not actual costs.

Form 8.1a (IOU) identifies 10 major revenue-requirement categories: Generation, Transmission, Distribution, Nuclear Decommissioning, Public Purpose Programs, Wildfire, Bond Charge, Competitive Transition Charge, Taxes and Franchise Fees, and Other Costs Not

Already Reported. The following instructions explain which financial information to report or project under each category.

Generation Revenue Requirements

The IOUs must base their generation revenue requirements upon the same quantities and types of electricity supply reported to the CEC in their electricity resource plan submittals, Forms S-1 and S-2. Generation revenue requirements include utility-owned generation and purchased power. Utility-owned generation costs distinguish between fuel and nonfuel revenue requirements. Fuel-related revenue requirements include fuel purchases and associated carbon allowance costs, transportation, and storage. Nonfuel revenue requirements are the sum of operations and maintenance expenses, depreciation, return on investment, and all other costs.

Utility-owned means generation built or acquired by the IOU that is either placed in the rate base or treated as a cost-based asset for rate recovery. The utility-owned generation section is further subdivided into of the following generating resource types:

- Nuclear
- Conventional Hydroelectric
- Hydroelectric Pumped Storage
- Natural Gas-Fired Generation
- Coal
- Renewable Portfolio Standard (RPS)-Eligible Resources
- Battery Storage

Conventional hydroelectric generators and hydroelectric pumped-storage plants are defined here as facilities that do not qualify as eligible for California's RPS to avoid double-counting of costs to avoid double-counting of generating facilities that are hydroelectric and RPS-eligible. Natural gas-fired generation includes all utility-owned steam generation units, combined-cycle power plants, combustion turbines, and DG facilities.

For conventional hydroelectric generation, projected "fuel" costs are for water rights. "Fuel" costs for hydroelectric pumped storage are the energy costs associated with off-peak pumping.

For utility-owned generation that is natural gas-fired or coal-fired, report the average annual fuel price that was used to estimate generation-fuel revenue requirements in dollars per million British thermal units. Also report the projected California carbon allowance price in dollars per metric ton of carbon dioxide equivalent used to estimate future procurements costs.

RPS-eligible renewables are electricity-generating facilities that use one or more types of renewable energy resources or fuels to operate and that meet the RPS eligibility criteria. IOUs may aggregate, or combine, revenue requirement dollar amounts for all types of renewable energy facilities.

Form 8.1a (IOU) will subtotal each year's projected costs for each type of utility-owned generation. In addition, it will subtotal the revenue requirement amounts for all types of utility-owned generation.

Purchased power costs are requested for:

- Qualifying facilities (QF), excluding QF contract expenses that are recovered through the competition transition charge (CTC). These are reported in "CTC" costs.
- Non-QF renewable resource costs.
- Battery electric storage resource costs.
- All other bilateral contracts, such as any other contracts for forward energy, capacity, or call or put options.²
- Residual market transactions, including energy-related short-term market activity such as short-term contracts (less than three months) and spot-market purchases.
- Payments to California ISO for market charges: report non-energy-related market participation costs such as grid management charges, ancillary services, and California ISO uplift costs.
- All other generation expenses, program costs, or balancing accounts not reported elsewhere.

Transmission Revenue Requirements

Report projected costs associated with Federal Energy Regulatory Commission–jurisdictional transmission assets for the following categories:

- Base transmission revenue requirement, which includes transmission system operations and maintenance, depreciation, and return on investment. Report authorized revenue requirements and projected expenses for network improvements and large transmission projects identified in the five-year transmission plan with the California ISO
- Transmission Revenue Balancing Account Adjustment
- Transmission Access Charge Balancing Account: reports amounts billed by the California ISO under the Transmission Access Charge structure to be recovered from retail customers
- Reliability services, which include costs for exceptional dispatch and to operate reliability-must-run generators for local voltage support

Distribution Revenue Requirements

This section of Form 8.1a (IOU) reports authorized revenue requirements and projected expenses for each IOU's CPUC-jurisdictional distribution assets.

² A *forward contract* allows two parties to buy or sell an energy resource at a price and at a future time both specified by the contract. Call and put options guarantee the holder the right to buy and sell, respectively, an energy resource at a specified price.

- **Base Distribution Revenue Requirement** includes operations and maintenance, depreciation and amortization, return on investment, and other costs collected in the distribution rate approved in the General Rate Case/RAMP proceeding
- **Incremental Electric Capacity** includes projected revenue requirements beyond those approved in the base GRC to support Senate Bill 410 (Becker, Chapter 394, Statutes of 2023) energization targets.
- **Incremental Wildfire Safety Costs** should include projected revenue requirements for wildfire mitigation and vegetation management expenses and investment beyond that approved in the base GRC.

In addition, report authorized revenue requirements and projected costs to implement each of the following programs or other expenses:

- Self-Generation Incentive Program
- Demand response programs
- California Solar Initiative and successor programs such as the Multifamily Affordable Solar Housing and Single-Family Affordable Solar Housing programs
- Electrification programs or infrastructure investment
- Catastrophic and Wildfire Event Memoranda Accounts addressing cost recovery for events such as wildfires, floods, or risk-reduction activity
- Diablo Canyon Non-Bypassable Charge, to fund Diablo Canyon Power Plan extension as directed by Senate Bill 846 (Dodd, Chapter 239, Statutes of 2022).
- All other distribution programs and balancing account revenue requirements

Nuclear Decommissioning

IOUs with cost responsibility for decommissioning a nuclear power plant are requested to report authorized revenue requirements and estimated future costs.

Public Purpose Programs

Report annual cost projections for implementing for programs funded by ratepayers through public purpose program rates or related adjustment mechanisms:

- Low-income programs (including subsidies for medical/life-support equipment users)
- Energy efficiency programs and related costs
- Electricity Program Investment Charge

Wildfire Fund Non-Bypassable Charge

Provide projected annual revenue requirements for the Wildfire Fund Non-Bypassable Charge established by Assembly Bill 1054 (Holden, Chapter 79, Statutes of 2019).

Competition Transition Charge

Each IOU is requested to project total annual costs to be collected through the ongoing competitive transition charge.

Wildfire Hardening Recovery Bonds

Report revenues to be collected through the Fixed Recovery Charge for payment of costs securitized under the provisions of AB 1054.

Greenhouse Gas (GHG) Emission Allowance Revenues

Provide data on actual and projected GHG emission allowance revenues to be returned to customers.

Taxes and Franchise Fees

Provide an annual estimate of future revenue requirements for taxes and franchise fees if not already reported in other revenue requirements. Taxes may include federal income, state corporation franchise, property, payroll, business, and superfund taxes. Franchise fees are those levied by city and county governments.

Other Costs Not Already Reported

IOUs are requested to include a forecast of the total of any other costs not already reported.

Total Revenue Requirements

The spreadsheet template will add all the separate costs to calculate total revenue requirements. The spreadsheet also duplicates the annual values for total revenue requirements onto the top rows of Form 8.1b (Bundled) and Form 8.1b (Direct Access).

Form 8.1a (Publicly Owned Utilities) and (Community Choice Aggregators) Budget Appropriations or Actual Costs and Cost Projections by Major Expense Categories

Through this form, CEC staff seeks to learn recent historical and projected annual revenue requirements of POUs and CCAs (collectively LSEs). Some categories on this form are not expected to apply to CCAs. The form identifies three major cost categories: operating expenses, capital outlay, and debt service, plus appropriations from LSE revenues into reserve funds, city general funds, or other municipal accounts.

The following instructions define what financial information to report or project under each cost category. For 2023 through 2024, LSEs are requested to report their approved budget appropriations or actual costs, whichever data are more readily available.

Operations Expenses

Operating expenses are costs to operate and maintain power generation, transmission, and distribution systems and to provide billing and information services to customers. Governing boards or city councils adopt annual or biennial operating expense budgets that appropriate electricity sales revenues (and other income) to pay these expenses. The same costs identified in the operating-expense budgets will be reported and projected in this section of the form.

Form 8.1a (POU) and Form 8.1 (CCA) organize operating expenses into two broad categories: operations and maintenance of power production, transmission, and distribution assets; and customer-related expenses.

Power Production

Form 8.1a (POU) and Form 8.1a (CCA) divide power-production expenses into two categories (utility-owned generation and power purchases).

Utility-Owned Generation

Utility-owned generation expenses are costs for operating and maintaining electric generating facilities that were built or acquired by the LSE. Power plants built and jointly owned by multiple LSEs through joint powers authorities (JPAs) are not included in this section. Similarly, if the LSE financed power plant construction through a subsidiary financing authority at that financing authority and now has a power purchase agreement with the LSE, that power plant is not utility-owned generation.

Report data on expenses for utility-owned generation using the following resource categories:

- Nuclear
- Conventional hydroelectric
- Hydroelectric pumped storage
- Natural gas-fired generation
- Coal
- Generation from renewable resources
- Battery storage

Costs are divided into two subcategories:

- Fuel expenses
- Other operations and maintenance expenses

In addition to the fuel commodity (for example, natural gas), fuel expenses include emission allowance costs, labor for purchasing and handling fuel, payments for natural gas pipeline use or coal transportation services, payments for fuel-storage facilities, insurance, sales commissions, and residual disposal expenses. For hydroelectric plants, fuel expenses include water purchases, payments for licenses or permits for water rights, and payments for riparian rights. For hydroelectric pumped-storage facilities, fuel expenses include electricity costs for off-peak pumping.

For natural gas-fired and coal-fired power plants, provide the fuel price forecasts used in dollars per million British thermal units. Also report the projected California carbon allowance price in dollars per metric ton of carbon equivalent that was used to estimate future procurements costs. "Other Operations and Maintenance" expenses include labor costs for operating and maintaining the structures and equipment used for electricity generation and for supplies and operating permits.

Power Purchases

Power-purchase expenses are costs to the utility for electricity purchased for resale. They include net settlements for exchanges of electricity or power, such as economy energy, and for transactions under pooling or interconnection agreements.

Federal Power

Provide cost information for federal power purchases, such as purchases from the Western Area Power Administration or Bonneville Power Administration.

Contracts With Joint Power Authority

California's LSEs have cofunded many power plant (and transmission line) projects through joint power authorities (JPAs), including the Northern California Power Agency and the Southern California Public Power Authority. Provide JPA power-purchase costs for the following categories of generating facilities:

- Nuclear
- Coal
- Conventional hydroelectric
- Natural gas-fired
- Renewable resources
- Battery storage

Contracts With LSE Subsidiaries

LSEs may have financed power plant construction through subsidiaries (for example, the Sacramento Municipal Utility District Financing Authority) rather than the LSE itself issuing a revenue bond or another type of debt instrument. Provide annual costs for purchased power from these subsidiaries. If more than one power purchase agreement exists, report an aggregated total.

Bilateral Contracts

Bilateral contracts are legally enforceable agreements between an LSE and a supplier for electricity deliveries in the future, including forward energy, capacity, and tolling agreements. Report bilateral contracts for power supplies separately for the total of all renewable resource contracts and all other bilateral contracts.

Other Resources

Under "Other Resources," provide cost projections for future power supplies not already reported in Form 8.1a as Utility-Owned Generation or as a type of purchased power because the ownership of these supplies is unknown at this time.

Surplus Power Sales Revenue

Report as a negative value the expected revenue generated from selling energy that is not needed to meet retail load.

Transmission Expenses

Form 8.1a (POU) and Form 8.1a (CCA) each provides three subcategories for reporting transmission expenses:

- Operations and maintenance of utility-owned transmission system
- Payments to JPAs for transmission investments or services
- Other transmission-related expenses

Operations and maintenance expenses of the utility-owned transmission system include the LSE's cost of labor, materials, and other costs of operating and maintaining utility-owned transmission lines.

California's LSEs have cofunded transmission line projects through JPAs, including the Transmission Agency of Northern California and the Southern California Public Power Authority. LSEs are requested to report their annual payments to JPAs for these transmission investments/services. These expenses represent an LSE's share of operating expenses, capital costs, and long-term debt service for JPA-owned transmission projects, as well as other services.

LSEs may use "other transmission-related expenses" to document costs for transmitting LSE electricity over transmission lines owned by others, such as the Western Area Power Administration, IOUs, and other private-sector owners.

Distribution Expenses

POUs' distribution expenses include the cost of labor, materials, and other supplies and services for operating and maintaining utility-owned distribution facilities. Distribution facilities include substations, line transformers, voltage regulators, poles, overhead and underground lines, utility-owned streetlights and signals, and meters.

Each POU is requested to provide an aggregate of all its distribution-related operations and maintenance expenses (recent historical and projected).

Customer-Related Expenses

Provide an annual total for all customer-related service expenses. Customer-related expenses include the cost of activities such as meter-reading, billing, service connections and disconnections, and advertising. Do not include expenses incurred to implement the LSE's public benefit programs.

General and Administrative Expenses

General and administrative expenses include salaries and wages for officers and employees who provide services not assignable to a specific utility function. For POUs that are electric departments, general and administrative expenses also include fund transfers for services provided to the electric department by other city departments.

Public Benefit Programs

Report costs to implement the following categories of public benefit programs:

- Low-income rate discounts and energy efficiency services
- Energy efficiency programs (excluding procurement)
- California Solar Initiative
- All other public benefit programs

Energy Efficiency Expenses From Procurement Budget

Expenses for energy efficiency programs paid from the generation or procurement budgets should be reported here.

Operating Expenses Not Already Reported

Form 8.1a (POU) and Form 8.1a (CCA) include this section for LSEs to report and forecast all other operating expenses, if any.

Capital Improvement Plan Projects

This section requests approved budgets associated with long-range capital improvement plans for expenditures funded by utility revenues rather than debt instruments. Capital project expenditures are requested for four categories:

Generation

Capital expenditures for utility-owned generation include the cost for land and land rights, structures and improvements, the installed cost of all power plant equipment, and asset retirement costs. Hydroelectric capital expenditures also include the cost of dams, reservoirs, and waterways.

Transmission

Capital expenditures for the utility-owned transmission system include land and land rights, structures and improvements, and the installed cost of station equipment, towers and fixtures, poles and fixtures, overhead conductors and devices, underground conduit, underground conductors and devices, roads and trails, and asset retirement costs.

Distribution

Capital expenditures for the utility-owned distribution system include land and land rights, structures and improvements, and the installed cost of station equipment, poles, towers and fixtures, overhead conductors and devices, underground conduit, underground conductors and devices, line transformers, meters, street lighting and signal systems, and asset retirement costs. Report expenditures on this line for all distribution system capital improvement projects except deployment of advanced metering systems.

All Other Capital Improvement Projects

Report the sum of all other capital improvement project expenditures in this section, including capital improvement costs associated with public benefit programs. Add a footnote at the bottom of this form that explains that the reported amount includes capital costs for public benefit-related projects.

Debt Service

Debt service is the sum of an LSE's repayments of principal and interest due each year on its outstanding long-term debt (for example, revenue bonds) and commercial paper notes, and trustee fees and debt issuance costs.

Reserve Fund Contributions

LSEs make annual contributions to various reserve funds, such as rate stabilization funds, insurance and accident reserve funds, bond payment reserve funds, and credit support collateral reserve funds. Provide a total of all contributions to various reserve funds.

Transfers to City General Fund, Payments in Lieu of Taxes, and Other Fees

When a POU is an enterprise business within a municipal government, the city charter may direct the electric utility department to make annual contributions to the city's general fund. Such contributions may also be referred to as "Payments in Lieu of Taxes." POUs may also pay other municipal fees, such as right-of-way fees.

Provide recent historical and an annual forecast of annual payments to the city general fund and other municipal fees. For POUs that are electric departments, do not include fund transfers to other city departments for general and administrative services. Instead, include such transfers in the general and administrative line of the "Operating Expenses" section.

Form 8.1a (Energy Service Provider)

Form 8.1a (ESP) reports data on historical and future power-supply costs to serve existing direct access customers for ESPs. Provide an annual estimate of historical and future costs for all supply contracts, reported by two categories:

- Bilateral contracts, including contracts for energy or capacity or both entered into before the delivery time. Bilateral contracts include capacity-only contracts to meet resource adequacy requirements.
- Residual market transactions including short-term (less than three months) or spot-market purchases of electricity.

Form 8.1b (Bundled)

Form 8.1b (Bundled) reports the allocation of revenue requirements among bundled-customer classes. Report allocation to the generation and distribution rate components and the aggregation of all other revenue requirement categories (for example, transmission and public purpose programs). Report the allocation for the following classes of bundled customers:

- Residential/Domestic
- Commercial
- Industrial
- Agricultural
- All other customer classes (for example, street lighting)

The customer classes listed above match those used by CEC staff to forecast electrical demand; however, they may not match how some utilities define their commercial and industrial customer classes. Use rate schedules for small and medium-sized customers as the proxy for all "commercial" customers and rate schedules for large customers as the proxy for "industrial" customers. Alternatively, LSEs may modify the class categories to be consistent with the classes used on their submitted demand forecast.

Form 8.1b (Direct Access)

Respondents are requested to complete Form 8.1b (Direct Access) by projecting the annual total of revenue requirements they intend to collect from direct access customers, if applicable. Report the portion of annual revenue requirements intended for collection from residential and nonresidential customers.

ACRONYMS AND ABBREVIATIONS

Acronym/Abbreviation	Original Term
<i>2023 IEPR</i>	<i>2023 Integrated Energy Policy Report</i>
AC	Alternating current
California ISO	California Independent System Operator
CCA	Community choice aggregator
CCR	California Code of Regulations
CEC	California Energy Commission
CHP	Combined heat and power
CPUC	California Public Utilities Commission
CSI	California Solar Initiative
DG	Distributed generation
DWR	California Department of Water Resources
ESP	Energy service provider
GWh	Gigawatt-hours
<i>IEPR</i>	<i>Integrated Energy Policy Report</i>
IOU	Investor-owned utility
JPA	Joint powers authority
kW	Kilowatt
kWh	Kilowatt-hour
LSE	Load-serving entity
MW	Megawatt
NAICS	North American Industry Classification System
PG&E	Pacific Gas and Electric Company
POU	Publicly owned utility
PRC	California Public Resources Code
PV	Photovoltaic

Acronym/Abbreviation	Original Term
QF	Qualifying facility
RPS	Renewables Portfolio Standard
UDC	Utility distribution company

DEFINITIONS

Ancillary Services: Those services necessary to support the transmission of electric power from seller to purchaser given the obligations of control areas and transmitting utilities within those control areas to maintain reliable operations of the interconnected transmission system.

Bonneville Power Administration: One of four power marketing administrations within the U.S. Department of Energy whose role is to market and transmit wholesale electricity from multi-use water projects. Bonneville Power Administration's service territory covers Washington, Oregon, and parts of western Montana and western Wyoming.

Bundled customers: Customers who receive distribution and generation services from the same LSE.

Cogeneration: An arrangement whereby a utility or customer-owned facility sequentially produces thermal energy for process heat or space conditioning use and electrical energy for private use, or for sale to an electric utility, or some combination thereof.

Community Choice Aggregation: Community Choice Aggregation (CCA) is a program that allows cities, counties and other qualifying governmental entities available within the service areas of investor-owned utilities (IOUs), to purchase and/or generate electricity for their residents and businesses.

Community Choice Aggregators: cities and counties buy or generate electricity for residents and businesses within their communities.

Customer sectors: Customer sectors used by the CEC are defined using the following NAICS categories.

Distributed generation: Electricity production that is on-site or close to the load center and is interconnected to the utility distribution system. Large generation plants (such as qualifying facilities) that interconnect to the utility at transmission voltages would not be considered distributed generation.

Electricity consumption: The amount of electricity used to provide energy services through both utility sales and local private supply of electricity.

Energy service provider: A non-utility entity that offers "Direct Access" electric service to customers located within the service territory of an investor-owned utility.

End user: A firm or individual that purchases products from its own consumption and not for resale.

Forward energy: A forward contract allows two parties to buy or sell an energy resource at a price and at a future time both specified by the contract.

Load-serving entity: An umbrella term encompassing all entities that provide generation services to end users, whether or not it owns or operates a distribution system. Examples are traditional investor-owned utilities, municipal utilities, energy service providers permitted to operate under applicable law, community choice aggregators permitted to operate under AB 117, and all other entities that serve end-use loads.

Table 2: Economic Sector Definitions and NAICS Codes

Economic Sector	NAICS Codes
Residential: private households, including single- and multifamily dwellings and mobile homes.	RE00-RE39, 001-003, and 814
Commercial	115, 326212, 42, 44-45, 493, 512, 514, 518-519, 52-55 (excluding 5324), 561, 61, 62, 71, 72, 81 (excluding 814), 92 (excluding 9225, 9226, and 92811)
Industrial	11331, 21 (excluding 211-213), 31, 32 (excluding 326212), 33, and 511
Mining/Resource Extraction/Construction	211-213, 23
Agricultural and Water Pumping	111, 112, and 22131
Transportation, Communication, Utility (TCU)	221 (excluding 22131), 48, 49 (excluding 493), 513, 517, 5324, 562, and 92811
Street Lighting/Traffic Signals	922198, 922199, 9225, 9226, 925130, 925140, and 925190

Source: California Energy Commission

Local private supply: Local private supply is supply from self-generation, customer-owned distributed generation, private sales "over-the-fence" from a cogeneration facility, or energy produced by a cogeneration facility and delivered over the transmission system to a final user.

Qualifying facilities: Cogeneration and small power production facilities that were provided certain benefits and exemptions under the Public Utility Regulatory Policies Act of 1978.

Self-generation: Any generation of electricity by a final user for his own use, regardless of the technology used. The portion of cogeneration retained for the customer's own use is self-generation even if this is a small portion of overall facility output.

Tolling agreement: A contract between a power buyer and a power generator, under which the buyer supplies the fuel and receives an amount of power generated based on an assumed heat rate at a specified cost.

Utility distribution company: A utility that owns and/or operates an electricity distribution system that interconnects end-user loads with a generator serving more than one end-user load or the interconnected transmission grid.

Western Area Power Administration: One of four power marketing administrations within the U.S. Department of Energy whose role is to market and transmit wholesale electricity from multi-use water projects. Western Area Power Administration covers California, Nevada, Utah, Arizona, New Mexico, Utah, most of Montana, most of Wyoming, west Texas, North and South Dakota, Nebraska, western and southern Kansas, and the western edges of Minnesota and Iowa.

APPENDIX A:

Confidentiality Applications

Repeated Applications for Confidentiality

Information submitted to the California Energy Commission can be deemed confidential without the need for a new application under CCR, Title 20, section 2505(a)(4) if you file a certification under penalty of perjury that the new information is substantially similar to the previously granted confidentiality.

In this case, your current application will serve as your certification, and the designation of confidentiality will be under the same terms as the prior designation. When submitting substantially similar information, you may take advantage of the repeated application process by providing a certification along with the data.

How to Request Confidentiality

The executive director of the CEC has responsibility for determining what information submitted with an application for confidentiality will be deemed confidential. Parties who seek such a designation for data they submit must make a separate, written request that identifies the specific information and provides a discussion of why the information should be protected from release, the length of time such protection is sought, and whether the information can be released in aggregated form.

Certain categories of data provided to the CEC, when submitted with a request for confidentiality, will be automatically designated as confidential and do not require an application. The types of data that are eligible and the process for obtaining this confidential designation are specified in CCR, Title 20, section 2505(a)(5). The Energy Commission has its own regulations distinct from those governing the CPUC, and CPUC determinations on confidentiality are not applicable to data submitted to the CEC.

Parties should be aware that confidential data may be disclosed according to CCR, Title 20, section 2507. Both historical and forecast energy sales data may be disclosed at the following levels:

For individual ESPs, data may be aggregated at the statewide level by major customer sector.

For the sum of all ESPs, data may be aggregated at the service area, planning area, or statewide levels by major customer sector.

For the total sales of the sum of all electric retailers, data may be aggregated at the county level by major generator, utility, and ESP groups as these groups are defined by the U.S. Census Bureau in their NAICS tables.

Data that are not included in these categories, but that the filer believes are entitled to confidential treatment, should be submitted when due along with an application for confidential designation so that the executive director can review the information and make a

determination about its confidential status. To do this, please carefully read and follow the instructions.

What a New Confidentiality Application Must Have

Applications for confidentiality and the confidential documents must be uploaded directly to Dockets through the e-filing system. Paper copies or compact discs do not need to be submitted. Links to the e-filing system are provided on each proceeding's Web page under the link "**Submit e-filing.**" Registration is necessary the first time documents are uploaded. Once registration is complete, to submit a confidential filing click on **Quick Actions** from the **DASHBOARD** and select **Submit Confidential e-filing** from the dropdown tab. The application needs to be uploaded first, followed by the confidential materials. The application will then be acted upon by the executive director in consultation with the chief counsel of the Energy Commission. (Section 2505, subd. [a])

Table A-1: 2023 IEPR Subdockets

23-IEPR-02	General Scope
23-IEPR-02	Electricity Resource Plans

Source: California Energy Commission

- A signed "penalty of perjury certification" must be included in the application. Suggested standard language is as follows:

I certify under penalty of perjury that the information contained in this application for confidential designation is true, correct, and complete to the best of my knowledge. I also certify that I am authorized to make the application and certification on behalf of (ABC Utility or Corporation).
- For electronic filings containing a signature, including for submissions into electronic databases requiring a signature as attestation of information, the signature may be in electronic form and represented as a scanned signature graphic, or "Original Signed By," "/S/," or similar notation followed by a typewritten name.

What a New Confidentiality Application Must Include

- A complete application for confidentiality contains the following information:
- Identification of the information being submitted, including docket number, title, date, and size (for example, pages, sheets, megabytes).
- Description of the data or information for which confidentiality is being requested (for example, particular electricity supply contract categories for particular years).
- On Microsoft Excel® forms submitted with prospectively confidential data, identification of specific cells using yellow fills that are consistent with the confidentiality application.
- A clear description of the period for which confidentiality is being sought for each information category (for example, until December 31, 2025).

- An appropriate justification for each confidential data category request, including applicable provisions of the California Public Records Act (Government Code section 7920.000 et seq.) and/or other laws.
- See Form CEC13 for more information on the application process.
https://www.energy.ca.gov/sites/default/files/2023-04/CEC_13_Application%20for%20Confidential_04-24-2023.pdf An applicant can request confidentiality at any time, but once information is publicly released, confidentiality cannot be granted.

More specific questions about confidentiality may be directed to confidentialityapplication@energy.ca.gov.