

(08/6/20)

CEC-1304(b) -- UDC List of Power Plants Semi-Annual Report

Purpose: The intent of this regulation is to collect a list of power plants and energy systems located within each utility distribution company's (UDC) service area. This information contributes to the Commission's analysis of electric generation. The list also provides power plant owner information so they can be contacted to file quarterly and annual generation and fuel use data.

Authority: California Code of Regulations, Title 20, Division 2, Chapter 3, Section 1304(b).

Who must file: Each UDC with California end users in its service area. A UDC is an electric utility or a distribution unit of an electric utility that distributes electricity to customers.

When to file: January 31 and July 31 of each year.

How to file: Reports in electronic file format must be submitted by secure file transfer. Please contact QFERGEN@energy.ca.gov and request a link for secure file transfer. Each submittal must be accompanied with a declaration. A declaration statement is provided on the declaration tab for the reporting template found here: [1304b Report and Instruction page](#) under utility distribution companies and load serving entities.

Where to file: QFERGEN@energy.ca.gov

CEC-1304(b) Instructions

Please use the official spreadsheet reporting form for CEC-1304(b). Each UDC is to provide a list of power plants in Microsoft Excel (xlsx) format with the data items listed below.

For power plants with a generating capacity of 100 kilowatts or more provide:

1. Facility name;
2. Facility code assigned by the EIA;

For all power plants (of any capacity including those under 100kW):

3. Nameplate capacity in kilowatts (AC);
4. Interconnection voltage with the UDC system or transmission grid;
5. Operating mode (please see FAQ for more information);
6. Technology type (If more than one technology please see FAQ for more information); and
7. Fuel type.

For all power plants and energy storage systems:

8. Storage capacity (kWh) for energy storage systems (optional);

9. Street address, city, county, state, and zip code for physical location (please see FAQ for more information);
10. Customer sector (optional);
11. Owner's full legal name and, if a non-residential customer, address of place of business (street address, city, state, and zip code);
12. Latitude and longitude (if available);
13. Interconnection agreement type and definitions (please see FAQ for more information);
14. Date of interconnection approval (please see FAQ for more information);
15. If the power plant or energy storage system is no longer interconnected, the date the power plant or storage system was disconnected; and
16. If the power plant or storage system is connected to the customer's electrical system not owned by the UDC, provide the following (see note, below):
 - a. Service account number;
 - b. Premise identification number;
 - c. Meter identification number; and
 - d. Rate schedule (please see FAQ for more information).

Note: The Energy Commission is undertaking a rulemaking to align the new Section 1304(b) reporting regulations with the related consumption data collected from utilities under Section 1353 of the Public Resources Code. The current 1304(b) regulations will remain unchanged from their current form for those UDCs that have experienced a peak electricity demand of 1,000 MW or more in both of the two calendar years preceding the required data filing date.

For UDCs that do not meet the 1,000 MW or more of peak electricity demand in both of the two preceding calendar years, the rulemaking will remove the reporting requirements for following three data elements:

- Service account number;
- Premise identification number; and
- Meter identification number.

Until the new rulemaking goes into effect, the Energy Commission will not require the aforementioned three data elements to be reported on the CEC-1304(b) reporting form for those utilities that do not report under Section 1353. However, the Energy Commission requests that that each UDC that has a peak below 1,000 MW provide a unique identifying number for each system, so that the Commission can track individual systems over time. Conversely, for those UDCs that are required to report under Section 1353, they will also be required to report the three aforementioned data elements on their CEC-1304(b) semi-annual reports.

Frequently Asked Questions (FAQ)

Why is the Energy Commission collecting this information?

To inform its analytical and forecasting work, the Energy Commission requires a comprehensive list of power plants and distributed energy systems within California, as well as basic information on each system including address, technology type, date of installation, end-use customer sector, and system size.

Operating Mode

The operating mode describes how each power plant is operated. As utilities may use different terms to describe their generating resources, please provide a definition / description of each type of operating mode listed, using the *Definitions* tab of the Excel spreadsheet.

Interconnection Agreement Type

To analyze energy consumption and generation data, it is necessary for the Energy Commission to determine how a system is connected to the grid. The Interconnection Agreement Type allows the Energy Commission to make this determination. UDCs must provide an Interconnection Agreement Type (for example, Net Energy Metering, Rule 21, NEM successor) that clearly allows the Commission to make this determination. The Energy Commission requests that each UDC define or describe each Interconnection Agreement Type. The definition / description is to be provided in the *Definitions* tab of the Excel spreadsheet.

Rate Schedule

The purpose of this field is to classify individual energy systems to specific end-use customer sectors: residential, commercial, or industrial. In the past, several UDCs have provided rate codes as a replacement or substitute for rate schedules. However, many UDCs provided rate codes / schedules that did not enable Commission staff to identify the end-use sectors. The Energy Commission requests that UDCs define all rate codes and rate schedules in the *Rate Schedule Key* tab of the Excel spreadsheet.

Physical Location of Energy System

Please provide the street address, city, county, state, and zip code in separate columns.

Technology Type

When an energy system or power plant uses more than one technology type, please create separate entries for the power plant for each technology type. For example, if the total capacity of a hybrid solar PV and wind power plant is 5 megawatts, please list the power plant on two rows, stating the capacity of the solar PV part in one row and the capacity of the wind portion in the second row.

Date of Interconnection Approval

For power plants and energy systems which have been upgraded since the last filing, please create separate entries for each upgrade. For example, if a residential customer installed a 1 kW system in 2017 and later added 2 kW in 2019, please include these as separate entries with their appropriate interconnection dates, instead of one single 3 kW system and a single interconnection date.