

(08/30/23)

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

Purpose: The intent of this regulation is to collect a complete 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);

NOTE: For hybrid resources, please insert an additional column for the secondary technology resource. EXAMPLE: For solar-energy storage hybrid resource, the capacity for the solar technology is entered in column "C", Nameplate Capacity (in kW AC). Insert a column next to it and label it 'Storage Capacity (in kW)' and enter the nameplate capacity for the energy storage system.

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;
16. Rate Schedule; and
17. If the power plant or energy storage system is connected to that part of the customer's electrical system not owned by UDC, those UDCs who also report pursuant to Section [1353](#) shall report the following:
 1. service account number;
 2. premise identification number; and
 3. meter identification number.

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.