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Renewables Portfolio Standard (RPS) Program

California's RPS program was established in 2002 by Senate Bill (SB) 1078 (Sher, 2002) with the initial requirement that 20% of electricity retail sales must be served by renewable resources by 2017. The program was accelerated in 2015 with SB 350 (de León, 2015) which mandated a 50% RPS by 2030. SB 350 includes interim annual RPS targets with three-year compliance periods and requires 65% of RPS procurement to be derived from long-term contracts of 10 or more years. In 2018, SB 100 (de León, 2018) was signed into law, which again increases the RPS to 60% by 2030 and requires all the state's electricity to come from carbon-free resources by 2045.

The CPUC implements and administers RPS compliance rules for California's retail sellers of electricity, which include large and small investor-owned utilities (IOUs), electric service providers (ESPs) and community choice aggregators (CCAs). The California Energy Commission (CEC) is responsible for the certification of electrical generation facilities as eligible renewable energy resources and adopting regulations for the enforcement of RPS procurement requirements of public owned utilities(POUs).

Current Renewable Procurement Status

All electricity retail sellers had an interim target between compliance periods to serve at least 38.5% of their load with RPS-eligible resources by December 31, 2022. In general, retail sellers either met or exceeded the interim 38.5% target and are on track to achieve their compliance requirements.

California's three large IOUs collectively served 52% of their 2022 retail electricity sales with renewable power, while the Small and Multi-Jurisdictional Utilities (SMJUs) served roughly 39% of retail sales with renewables, CCA's renewable percentage was 55%, and ESPs 47%.

The retail sellers currently governed by the RPS program are as follows:

Investor-Owned Utilities

Small And Multi-Jurisdictional Utilities

Community Choice Aggregators

Electric Service Providers

- | | | | |
|--|---|--|--|
| <ul style="list-style-type: none">• Pacific Gas and Electric Company• Southern California Edison• San Diego Gas & Electric | <ul style="list-style-type: none">• Bear Valley Electric Service• Liberty Utilities (formerly CalPeco Electric)• PacifiCorp | <ul style="list-style-type: none">• Apple Valley Choice Energy• Ava Community Energy (formerly East Bay Community Energy)• Central Coast Community Energy• Clean Energy Alliance• Clean Power Alliance of Southern California• CleanPowerSF Desert Community Energy• Energy for Palmdale's Independent Choice• King City Community Power• Lancaster Energy• Marin Clean Energy• Orange County Power Authority• Peninsula Clean Energy• Pico Rivera Innovative Municipal Energy• Pioneer Community Energy• Pomona Choice Energy• Rancho Mirage Energy Authority• Redwood Coast Energy Authority• San Diego Community Power• San Jacinto Power• San Jose Clean Energy• Santa Barbara Clean Energy• Silicon Valley Clean Energy• Sonoma Clean Power• Valley Clean Energy | <ul style="list-style-type: none">• 3 Phases Renewables• BP Energy Retail Company (formerly EDF Industrial Power Services)• Calpine Energy Solutions• Calpine Power America• Commercial Energy of Montana• Constellation New Energy• NRG (previously Direct Energy Business)• Pilot Power Group• Shell Energy North America• UC Regents |
|--|---|--|--|

All retail sellers utilize a mix of RPS resources such as wind, solar PV, solar thermal, hydroelectricity, geothermal, and bioenergy to meet their renewable procurement targets. See below for a map of the large IOUs RPS Projects.

Investor-Owned Utility RPS Contracts

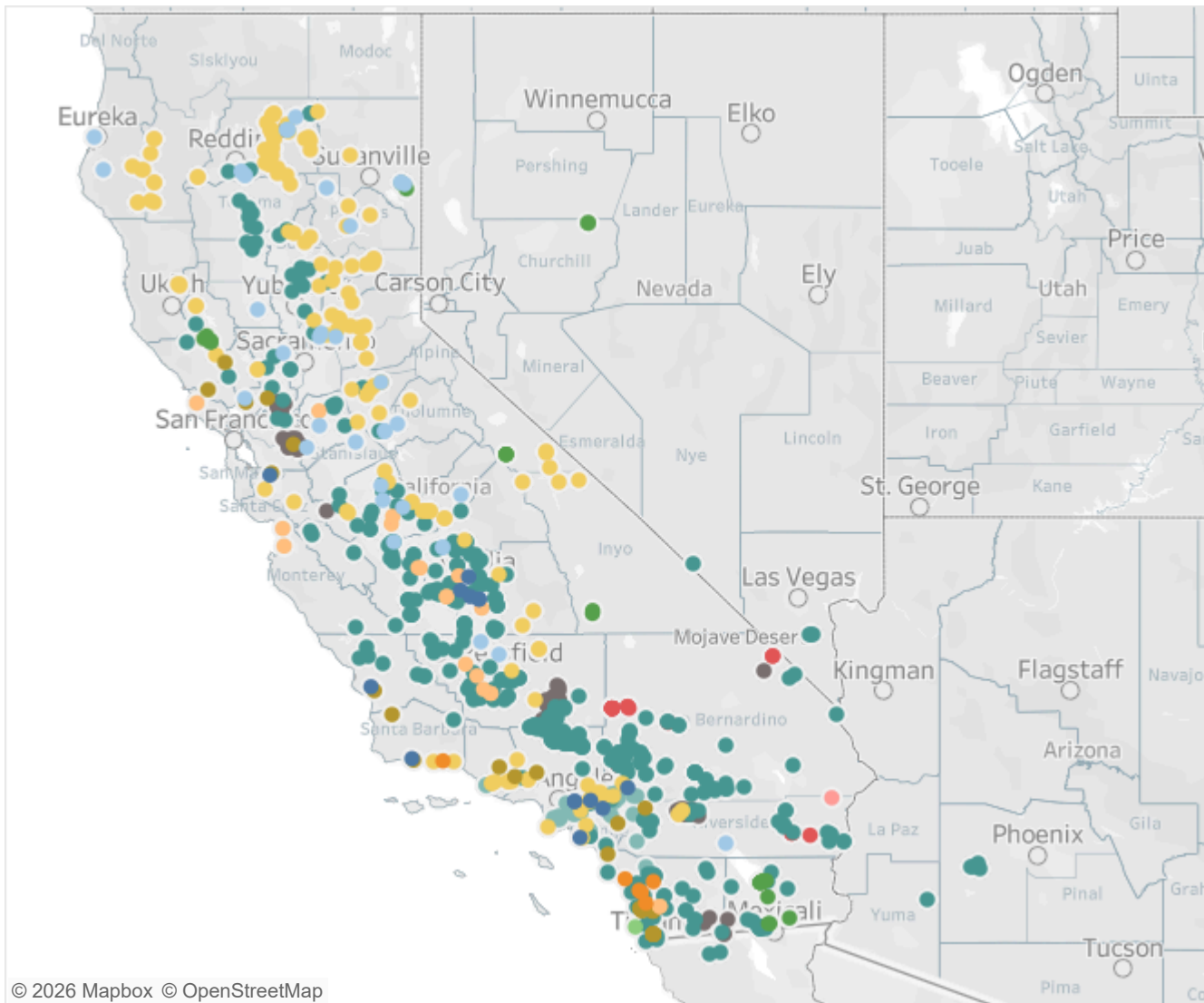
Contract Capacity (MW)

0.0 586.0



Technology Type

- Biogas
- Biomass
- Conduit hydro
- Digester gas
- Geothermal
- Hybrid
- Landfill gas
- Small hydro
- Solar PV - Ground mo...
- Solar PV - Rooftop
- Solar Thermal - No St...
- Solar Thermal - With ...
- Wind



PROGRAM OVERVIEW

[RPS Program and Legislative History.](#)

PROGRAM DETAILS

[Procurement Programs](#)

Information on the various RPS procurement programs including utility Request for Offers, Feed in Tariff, etc.

[Compliance Rules and Processes](#)

Program rules, compliance report spreadsheet templates and historic compliance report submissions.

[Ongoing Program Implementation](#)

Information on Integrated Resource Planning, Procurement Planning, Cost Containment, and Community Solar programs.

[Legislative Reports and Data](#)

Annual reports to the legislature, RPS project data, and public PPAs.

CONTACT INFORMATION

[CPUC RPS Staff](#)

[CEC RPS Website](#)

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