Constellation: Delivering Reliable, Clean Energy for California

Constellation is the largest private sector power producer in the world and the largest producer of reliable, emissions-free energy in the country. Providing about 10% of the clean energy in the United States, we are also a leading supplier of energy products and services to businesses, homes, and public sector customers across the continental United States. We serve more than 2.5 million customers nationwide, including 80% of the Fortune 100.

In California, Constellation became the largest electricity generator following its acquisition of Calpine. We provide energy services and solutions to nearly 800 individual businesses in California and 20 Community Choice Aggregations (CCAs) serving over 5 million individual customers in the state, employ more than 950 people, and paid more than $148 million in state and local taxes in 2025.

Since Calpine was founded in San Jose in 1984, we have invested more than $10 billion in building generating capacity the grid depends on today. The combined portfolio expands Constellation's ability to serve our customers with a broader range of energy and sustainability solutions. Our fleet produces 24 million MWh annually, representing approximately 10% of California's total electricity demand. These resources are critical to the state's grid reliability, providing over 15% of the capacity needed during peak demand hours.

Constellation's geothermal, solar and battery storage resources, combined with one of the largest natural gas fleets in the nation, are supporting the growth of intermittent renewable resources while maintaining reliability as California's electricity demand grows. We have also been a leading advocate and investor in deploying carbon capture and sequestration (CCS) technology, which is critical in meeting the state's climate goals. Constellation is proud to partner with California in meeting its energy needs in an affordable, safe, reliable and environmentally responsible manner.

#1 Producer of energy in California

Constellation and our employees contributed more than **$1.3 milion** to CA Charitable Organizations in 2025

$14.8 MILLION spent with small, local, and other certified businesses in CA in 2025

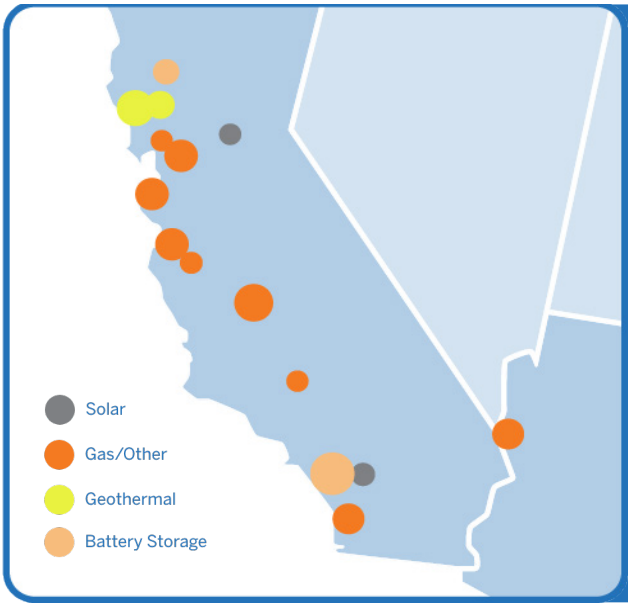
Our employees volunteered more than **2,560 hours** with CA nonprofits in 2025

Equivelant of more than **690,000** cars taken off the road for one year in avoided carbon emissions in California

Produced enough energy to power more than **2.3 million homes** for an entire year

$148.06 MILLION in state and local taxes paid in California state in 2025

Constellation's California Assets



Engaging with Local Communities

Constellation works closely with local leaders, elected officials, and community stakeholders to develop solutions that benefit and strengthen the communities where we operate across California. At The Geysers, we have a long history of collaborating with local communities to solve water discharge issues and have invested millions of dollars in state-of-the-art recycled water projects to help sustain geothermal production and conveyance systems to create Title 22 recycled wastewater for use at five of our facilities: Metcalf, Los Esteros, Russell City, Los Medanos and Delta Energy Center. Our annual "Communities Day" promotes partnerships with local entities that advance education, workforce development, environmental stewardship, and economic opportunity.

Constellation.

Constellation in California

Geothermal

Our power plants deliver clean, emissions-free energy to Californians — enough to serve the equivalent of **510,000 homes and businesses.**

Natural Gas

We operate the state's largest fleet of highly efficient natural gas generation facilities, which provides enough reliable and affordable energy to serve the equivalent of **1.7 million** homes.

Solar

Our two solar powered plants provide reliable, emissions-free power to our customers and add low-cost, daytime generation to the grid.

Battery Storage

Offering **738 megawatts** of energy storage, our four California battery storage facilities help to maintain grid stability by shifting electricity supply during peak demand.

The Geysers

The Geysers is the largest geothermal power plant complex in the world. Spanning nearly 45 square miles along the Sonoma and Lake County border, Constellation's operations at The Geysers includes 13 geothermal power plants with an operating capacity of approximately 1,515 megawatts.

Los Medanos Energy Center

Los Medanos Energy Center is a 678-megawatt natural gas-fueled electric generation facility in Pittsburg, California. It is the site of Project Enterprise, a first-of-its-kind carbon capture demonstration pilot launched in 2023 to test advanced technology optimized to support a cleaner electricity grid.

Nova Power Storage Project

Located in Menifee, California, Nova Power Bank is one of the largest standalone battery storage facilities in the world. Capable of storing 680 megawatts of energy, Nova maintains grid stability and prevents service disruptions for customers.

Antelope Valley Solar Ranch One

One of the largest solar power facilities in the nation, the Antelope Valley facility is equipped with 3.8 million solar panels and has a generation capacity of 253 megawatts.

Delta Energy Center

Delta Energy Center is an 943.5-megawatt natural gas-fueled electric generation facility located in Contra Costa County. It is the largest Constellation-owned natural gas facility in California, and uses Title-22 reclaimed water for cooling.

West Ford Flat & Bear Canyon Battery Energy Storage Systems

Located at The Geysers and capable of storing 25 megawatts of energy. These facilities store excess energy during periods of high supply and low demand.

Pastoria Solar Project

At 105 megawatts of capacity, the Pastoria Solar project in Lebec, California is the largest renewable project contracted by California's Department of Water Resources (DWR) to meet its 2035 goals of decarbonizing the electric supply for the State Water Project.