

# Power Procurement

CPA secured more than 1,700 Megawatts (MW) of new renewable energy under long-term contracts including 40 MW in 2022 across eight projects, furthering our position as one of the largest purchasers of new renewable energy in California. CPA is now the fourth largest electricity provider in California, serving more than three million residents and businesses.

Since our first year of providing service to customers in 2018, we have entered into 30 long-term power purchase agreements with energy developers totaling more than \$4 billion in capital expenditures, while creating over \$1 billion in capital investments in renewable energy facilities, the majority of which are in Southern California.

In 2022, two key areas of focus were increasing battery storage capacity as well as improving overall grid resilience, both critical factors in ensuring we can continue to provide reliable, cost-effective renewable energy to local communities. CPA customers received over 2,186,367 MWh of energy from our energy generation facilities over the course of the year.

**2.6 BILLION POUNDS**  
of greenhouse gas  
emissions avoided

*Which is equivalent to:*

**253,000 PASSENGER**  
**VEHICLES** taken off  
the road for one year

*or*  
**19.4 MILLION TREES**  
planted and grown for  
10 years

## Geothermal

In the past year, Fervo Energy and CPA announced the execution of a 33 MW power purchase agreement (PPA) that will provide 24/7 carbon-free geothermal power to local customers. The 15-year contract will provide enough reliable energy to power more than 13,500 Southern California homes while avoiding over 46.3 million pounds of greenhouse gas emissions each year.

Geothermal energy refers to heat trapped beneath the surface and is a renewable energy source as heat is continuously being produced inside the earth.

CPA selected Fervo Energy, a leading developer of next-generation geothermal energy, to increase its carbon-free energy deployment in response to a 2021 State of California mandate requiring load-serving entities to procure 1,000 MW of non-weather-dependent, zero-emission baseload energy.

The project will dispatch 33 megawatts of baseload carbon-free geothermal energy from Beaver County, Utah to the California regional grid, with expected operation in the second quarter of 2028 projected to create 723 new construction jobs and 27 permanent renewable energy jobs.

## Solar

Beginning last year, the Arlington Energy Center II Power Purchase Agreement (PPA) was launched and the plant began providing 100 megawatts (MW) of solar power in addition to energy storage to Clean Power Alliance customers in Los Angeles County and Ventura County.

Arlington Solar is located in an unincorporated area of Riverside County, California approximately 10 miles northwest of the City of Blythe.

