Power Sources

Clean Power Alliance provides clean, renewable energy options to communities across Los Angeles and Venture counties. In 2023, our overall electricity portfolio is expected to contain more than 70% renewable energy from sources including wind, solar, small hydroelectric and geothermal.

CPA is committed to transparency in providing clear and concise information to our customers and stakeholders regarding rates and power sources. The electric power generation mix chart reflects the energy sources that our customers received in 2021— the most up to date data available.

Long Term Power Purchase Agreements Signed in 2022

Project	Location	Energy Capacity	
Beverly	LA County – Pico Rivera		
San Gabriel	LA County – Pico Rivera	0.27MW	
Dominguez	LA County – Carson	0.96 MW	
El Segundo	LA County – Hawthorne	0.64 MW	
Wilmington 1	LA County – Carson	1.8 MW	
Wilmington 2	LA County – Carson	0.6 MW	
Workman	LA County – Whittier	1.92 MW	
Cape Station Geothermal	Beaver County, Utah	33.0 MW	

2021 Electric Power Generation Mix	100% Green Power	Clean Power	Lean Power	Power Share	2021 CA Power Mix	
Specific Purchases	Percent Total Retail Sales (kMh)					
Eligible Renewal ¹	100.0%	40.6%	0.0%	100.0%	33.6%	
Biomass & Biowaste	0.0%	3.1%	0.0%	0.0%	2.3%	
Geothermal	0.0%	6.6%	0.0%	0.0%	4.8%	
Eligible Hydroelectric	0.0%	1.1%	0.0%	0.0%	1.0%	
Solar	47.9%	7.4%	0.0%	100.0%	14.2%	
Wind	52.1%	22.4%	0.0%	0.0%	11.4%	
Coal	0.0%	0.0%	0.0%	0.0%	3.0%	
Large Hydroelectric	0.0%	21.6%	40.1%	0.0%	9.2%	
Natural Gas	0.0%	0.0%	0.0%	0.0%	37.9%	
Nuclear	0.0%	0.0%	0.0%	0.0%	9.3%	
Other	0.0%	0.0%	0.0%	0.0%	0.2%	
Unspecified Power ²	0.0%	37.8%	59.9%	0.0%	6.8%	
Total	100.0%	100.0%	100.0%	100.0%	100.0%	
Percentage of Retail Sales Covered by Retired Unbundled RECs ³	0%	0%	0%	0%		

¹The eligible renewable percentage above does not reflect RPS compliance, which is determined using a different methodology.

²Unspecified power is electricity that has been purchased through open market transactions and is not traceable to a specific generation source.

³Renewable energy credits (RECs) are tracking instruments issued for renewable generation. Unbundled renewable energy credits (RECs) represent renewable generation that was not delivered to serve retail sales. Unbundled RECs are not reflected in the power mix or GHG emissions intensities above.