

# Investing in Local Energy

Clean Power Alliance is making considerable investments in battery storage facilities so that clean energy can be distributed when the sun goes down or wind isn't blowing—bolstering resilience for the electrical grid and for our communities.

## Luna

In August, CPA customers began receiving 100 MW/400 MWh from the Luna Battery Storage Project, a component of CPA's efforts to enhance grid reliability while delivering dependable, clean electricity to our customers. The Luna facility, located in the city of Lancaster, 50 miles north of Los Angeles, enables the power grid to match changes in the supply and demand of electricity.

Projects like Luna allow CPA to help reduce the potential for grid instability during sustained high-temperature weather events, as California has experienced in recent years. As energy prices are at their highest point in the evening when usage rates are high and solar generation falls when the sun goes down, fossil fuel generation is often used to meet peak demand, increasing customers costs, while simultaneously increasing greenhouse gas emissions and local air pollutants. Luna allows CPA to provide stored energy to local communities during these moments.



**THE 100 MW / 400 MWH LUNA PROJECT** provides enough energy to power roughly 75,000 Southern California homes for four hours each day.

“CPA’s leadership in advancing the greener energy future for the state combined with our innovative Luna Battery Storage Project will result in greater reliability and the availability of clean energy, especially during periods of peak demand.”

— Leo Moreno,  
AES Clean Energy President

