



May 30, 2024



The Climate Center – CCA Webinar

Agenda

- ⚡ Clean Power Alliance
- ⚡ Local Programs for a Clean Energy Future
- ⚡ Program Spotlights
 - Power Response: Leveraging DERs for grid management
 - Energized Communities: Fleet electrification and energy management
 - Power Ready: Advancing local government resilience
- ⚡ Questions

About Clean Power Alliance

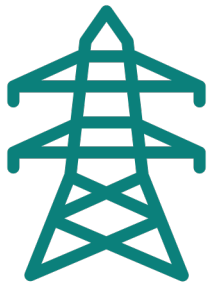
- ⚡ CPA serves approximately 1 million customer accounts, representing over 3 million customers and businesses
- ⚡ 35 member jurisdictions in Los Angeles & Ventura counties
- ⚡ Largest CCA in CA; more customers on 100% renewable energy rates than any utility in the nation
- ⚡ Revenues, after costs for power and operations plus financial reserve contribution, are pooled and invested into local programs and procurement



Local Programs for a Clean Energy Future

Adopted in 2020, the Plan sets a vision for programs focused on 3 pillars:

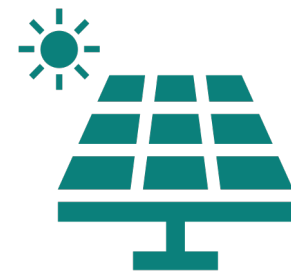
Resilience & Grid
Management



Building & Transportation
Electrification



Local Procurement



Leveraging DERs for Grid Management



A market facing demand response program that featuring four participation tracks:

- ⚡ Smart Home (automated DR)
- ⚡ Home (behavioral DR)
- ⚡ Multifamily Communities
- ⚡ Commercial Leaders

Program Impact to Date

157,665 kWh Saved



21.7 homes'
electricity use for
one year



281,699 miles
driven in a
gas-powered car



7.3 M
smartphones
charged

Fleet Electrification and Energy Management



Technical assistance to guide agency through:

1. Fleet replacement
2. Energy needs assessment and charging infrastructure plans
3. Provide options for managed charging to support grid reliability
4. Incentives to offset costs of charging infrastructure and/or electric vehicles





Power Ready

CPA's program provides its member agency's critical facilities with no-cost clean energy back-up systems for resiliency

- These behind-the-meter systems pair battery energy storage with solar photovoltaic systems that include islanding capabilities
- During outages, the agency will get the benefit of backup power for critical loads for 4+ hours
- Systems will provide grid benefits including demand response and load shifting from high-cost TOU periods

Questions

