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Clean Power Alliance Front-of-Meter DERs Use Case

July 15, 2026



Clean Power Alliance

- ⚡ CPA is a Joint Powers Authority with 38 member agencies throughout Los Angeles and Ventura Counties.
- ⚡ Founded in 2017, CPA serves more than 3 million residents and businesses through almost 1.1 million customer accounts.
- ⚡ CPA is the largest retail supplier of green energy in the United States for three years in a row.
- ⚡ CPA invests its revenues (after costs for power and operations) in local programs to assist customers and communities.



Power Share

- ⚡ Power Share is CPA's Disadvantaged Communities – Green Tariff (DAC-GT) and Community Solar Green Tariff (CSGT) program, and the program receives funding from the CPUC.
- ⚡ CPA has contracted 23.185 MW of solar PV capacity through this program, with project sizes ranging from 0.27 MW to 4.99 MW.
- ⚡ Power Share projects are energy-only resources that deliver clean energy benefits to nearly 11,000 customers across CPA's service territory, and has generated over 250 new prevailing-wage local jobs.
- ⚡ Participating customers receive 100% renewable energy and a 20% bill discount.
- ⚡ Approximately \$6.2 million of cost savings across both DAC and CSGT programs since launch, and average bill savings per customer is approximately \$27 per month.
- ⚡ 9 Power Share projects have achieved COD, more are underway.



CPA's Southbay 1 Project Delivers Community Benefits

- ⚡ Capacity: 1.32 MW, located in Carson, CA on the rooftop of a commercial industrial warehousing and logistics building.
- ⚡ Participants: 500 residential customers.
- ⚡ Community Sponsor: City of Carson. The City Hall will receive a bill discount and 100% local, clean energy.
- ⚡ PPA was approved in October 2023 by CPA's board of directors and the CPUC, and is on 20-year delivery term.
- ⚡ 18 prevailing wage jobs were created for this project.



Lessons Learned

- ⚡ Projects similar in size to the ones contracted through Power Share can provide many community benefits, including cost savings, jobs, and clean energy access.
- ⚡ Resiliency could be another benefit that can be unlocked by pairing storage with FTM solar, though there are more community concerns about FTM battery storage sited in densely populated areas.
- ⚡ These projects are expensive compared to large FTM projects, and State funding is crucial for supporting these projects. The funding from the CPUC has helped CPA invest further in local, 100% clean energy and bill discounts for participating, low-income customers.
- ⚡ CPA is hoping to learn more about new DER technologies, use cases, and customer program partnerships that can benefit CPA's communities and customers through its 2026 Program Innovation Request for Information.



Questions

