Clean Power Alliance Innovation Fund Round 3: "Energy Resilient Communities"



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What is CPA's Innovation Fund?

A competitive funding opportunity for CPA's partner communities designed to fund inventive projects that support decarbonization, resilience, and equitable access to clean energy.

CPA CLEAN POWER ALLIANCE



Funds projects that address high-priority local needs identified by CPA's member agencies.



Supports CPA's Program Pillars:

- Resilience & Grid Management
- Building & Transportation Electrification
- Local Clean Energy Procurement



Drives impactful change by implementing novel and impactful solutions.

Current Innovation Fund Projects

Round 1 (selected March 2025)		Round 2 (selected December 2025)	
Carson	EV Charging Wallet Pilot Program	Alhambra	Equity-Driven Green Equipment (EDGE) Pilot Program
Culver City	Portable Battery Fleet Program to Replace Gas Generators	Carson	Residential Lawn and Garden Equipment Rebate Program
Santa Monica	Renter's Energy and Cooling/Heating (REACH) Program	Los Angeles County	Cool Healthy Homes
West Hollywood	Equitable Building Performance Standards and Benchmarking Support	Thousand Oaks	Residential Induction Stove Rebate Program
		Ventura County	Skilled and Trained Community Heat Pump Rebate
		Whittier	EV Cruiser Program

The $2M Innovation Fund Round 1 and 2 portfolio includes 10 projects selected from 22 applications.

What is New in Innovation Fund Round 3?

Rounds 1 & 2

Projects can focus on any CPA program pillar:

- Resilience & Grid Management
- Building & Transportation Electrification
- Local Clean Energy Procurement

$2M total (up to $250,000 per award) across Rounds 1 & 2

2-year project completion window

Round 3

Projects must be primarily tied to the "Resilience Sub-Pillar"

- Resilience

Projects that connect to multiple pillars, including grid management, will score higher

Up to $1.5M available (up to $250,000 per award) with **prioritization given to member agencies not awarded in Rounds 1 & 2.**

3-year project completion window

Project proposals should help CPA's partner communities *maintain essential services* or *community refuge capacity* during power outages and emergency events.

Energy Resilient Communities: Project Examples

Sustaining Critical Services

- Portable/mobile battery fleet or dedicated battery backup for water/wastewater pumping, cold storage at a food bank, traffic signals, or other use cases*
- Installation of microgrid controls integrated with existing site solar/storage
- Vehicle-to-Building pilot using passenger vehicles or buses to provide backup power

Powering Resilience Hubs

- Portable/mobile battery fleet or dedicated battery backup for essential services such as cooling or air filtration at a community resilience hub*
- Portable/mobile battery fleet or dedicated battery backup for essential equipment such as medical devices or other electronic devices at a community resilience hub*

Projects must use electricity provided by a CPA service account.

***Ensure that project applications are not duplicative with CPA's Power Ready program.**

Project Eligibility

Program Alignment

Aligns with CPA's board-approved program pillars: resilience & grid management, building & transportation electrification, and local clean energy procurement.

CPA Service Area

Implemented within one of CPA's member communities (new 2027 agencies are eligible).

CPA Service

Project installations are located at a site served by CPA and all electricity used – including by mobile equipment – is provided through a CPA account.

3-Year Feasibility

Achievable within a three-year implementation window.

Non-Duplicative

Project is not currently supported through other CPA programs.

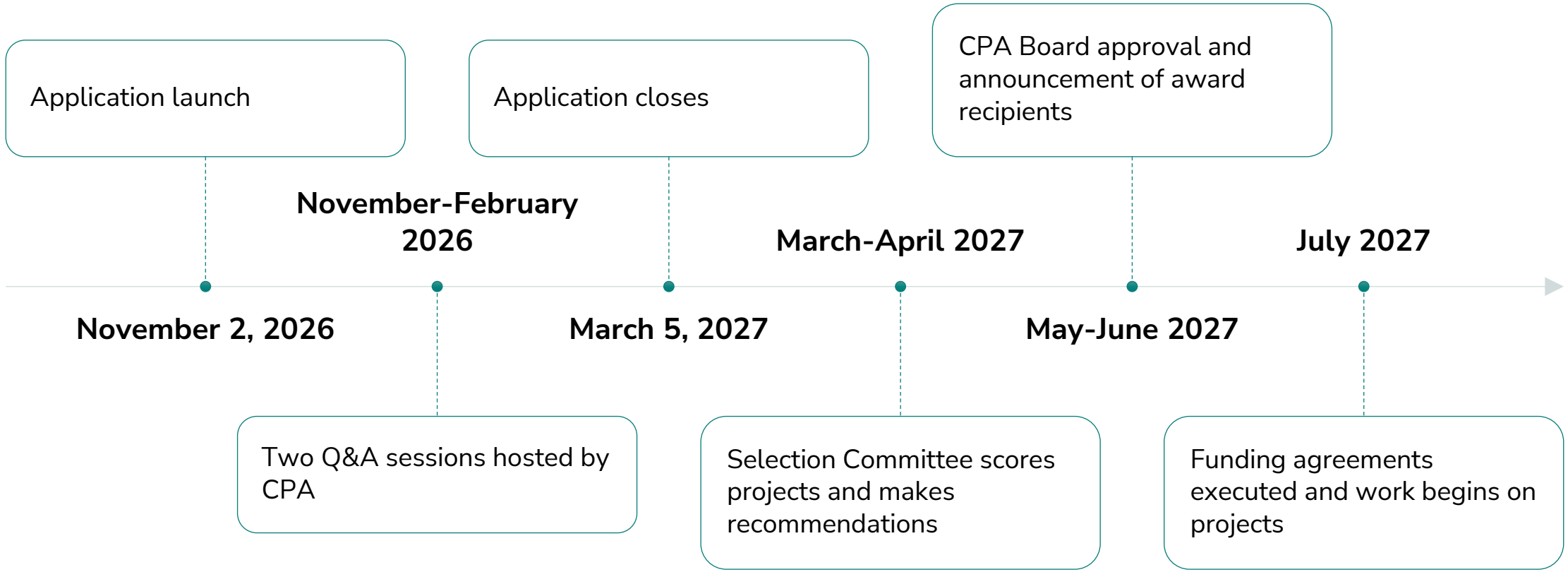
Community Benefits

Helps maintain essential services or community refuge capacity during power outages and emergency events.

Scoring Criteria

Criteria	Weight	Description
Demonstration of Need	**15%**	The application highlights a specific gap or unmet need that CPA funding would help to address and **explains why existing resources or funding sources are insufficient.**
Mission Alignment	**20%**	The project **aligns with CPA's "Resilience Sub-Pillar"** and aligns with CPA's overall mission and values. Projects that **connect to multiple CPA pillars** – Building & Transportation Electrification, Local Energy Procurement, and Resilience & Grid Management – will score higher.
Project Readiness	**15%**	The applicant demonstrates organizational preparedness and capacity to pursue **partnerships, approvals, permits, and resources needed to deliver the proposed project within 3 years**. Additional consideration will be given for projects that already have **sign-off from the relevant governing entity (ex. City Council).**
Project Benefits	**40%**	The project delivers meaningful benefits that **advance community resilience, safety, affordability, environmental outcomes,** and/or other objectives during grid outages and extreme events. Projects are encouraged to discuss how they provide benefits outside of extreme conditions. Projects may also emphasize how they are supporting **underserved or disadvantaged communities** and/or **communities in high fire risk zones.**
Scalability & Learning	**10%**	The project demonstrates potential to be **replicated, expanded, or adapted in other communities or settings.**

Application Timeline



Questions?

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