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A PATHWAY TO RELIABILITY RECOGNITION FOR DISTRIBUTION-CONNECTED PROJECTS

Developer Perspectives Panel | July 15, 2026

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RENEWABLE AMERICA OVERVIEW

- Founded in 2020 and headquartered in Santa Clara, California, Renewable America's team focuses on the greenfield development of distributed generation solar and solar + storage projects targeting community solar and CCA offtake strategies
- Renewable America team has expertise that go from policy, origination, engineering and development to procurement, project financing, and construction management and asset management
- We develop solar + storage projects and secure project financing at NTP; and with Renewable America's subsidiary company RNA Services licensed builder (General B and C10), we deliver them fully operation at COD

CSLB CALIFORNIA CONTRACTORS STATE LICENSE BOARD www.cslb.ca.gov

GENERAL B + C10

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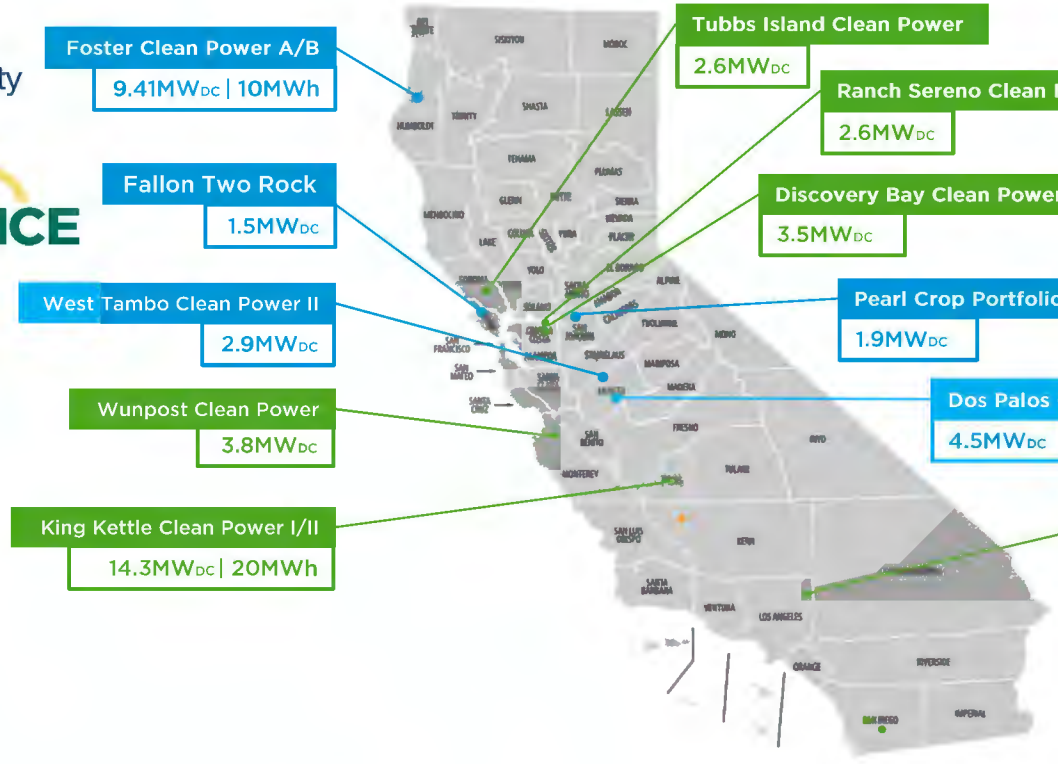
RENEWABLE AMERICA'S JOURNEY

Jan 2019	Sep 2020	Jan 2024	Jul 2025	Jan 2028
		20 MW$_{DC}$ / 10 MWh	30 MW$_{DC}$ / 20 MWh	61 MW$_{DC}$ / 100 MWh
IDEA	RAMP UP	OPERATIONAL	OFF-TAKER CONFIRMED	READY FOR PPA



REDWOOD COAST EnergyAuthority

- **Foster Clean Power A/B** — 9.41MW$_{DC}$ | 10MWh
- **Tubbs Island Clean Power** — 2.6MW$_{DC}$
- **Ranch Sereno Clean Power** — 2.6MW$_{DC}$
- **Discovery Bay Clean Power** — 3.5MW$_{DC}$

MCE

- **Fallon Two Rock** — 1.5MW$_{DC}$

SAN JOSE CLEAN ENERGY
A Program of the City of San José

- **West Tambo Clean Power II** — 2.9MW$_{DC}$
- **Pearl Crop Portfolio** — 1.9MW$_{DC}$

PEARLCROP

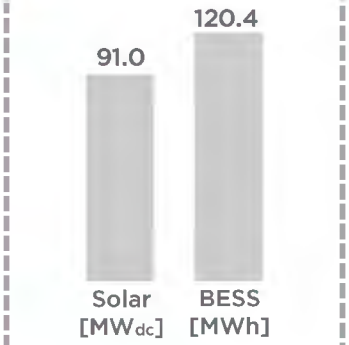
- **Wunpost Clean Power** — 3.8MW$_{DC}$
- **Dos Palos Clean Power** — 4.5MW$_{DC}$

PENINSULA CLEAN ENERGY

- **King Kettle Clean Power I/II** — 14.3MW$_{DC}$ | 20MWh
- **Pear Blossom Clean Power** — 3.0MW$_{DC}$

SOUTHERN CALIFORNIA EDISON
An EDISON INTERNATIONAL Company

TOTAL



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LARGEST CA NORTH COAST'S SOLAR + STORAGE PROJECT

FOSTER CLEAN POWER A/B

Project Overview:

- Humboldt County, California (North Coast)
- 9.4 MWdc Solar (A & B)
- 2.5 MW / 10 MWh Battery Storage
- Owner: Radial Power
- Offtaker: Redwood Coast Energy Authority (RCEA)
  - Commercial structure: Two interconnections (one per phase) under a single PPA
  - Storage Controls: Custom EMS developed to optimize and dispatch the BESS according to RCEA specifications.

EXECUTION HIGHLIGHTS:

- CEQA and Use Permit completed in ~6 months
- Corrected legacy easement records via survey + remapping
- Layout & access road redesign delivered ~75% road cost reduction (~$180k)
- Accelerated timeline by ~6 weeks while maintaining performance/compliance
- Got FCDS in March 2026

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RENEWABLE AMERICA COMMUNITY SOLAR PROJECTS

West Tambo Clean Power II

- Serves a disadvantaged and low-income community (77% Cal-Enviro-Screen)
- Provides renewable energy benefits and a 20% discount for 820 low-income households of San Jose Clean Energy
- Awarded an additional 20% ITC via the Low-Income Communities Bonus Credit Program
- Built with local union labor and apprenticeship participation

Dos Palos Clean Power

- Serves one of California's most disadvantaged communities (92% Cal-Enviro-Screen)
- Provides renewable energy benefits and a 20% discount for 2,600 low-income households of Peninsula Clean Energy
- Awarded an additional 20% ITC via the Low-Income Communities Bonus Credit Program
- Built with local union labor, including apprentices

	Project	Power Off-taker	DAC	SOLAR [MWac/MWdc]	Production
1	West Tambo Clean Power II	Peninsula Clean Energy	77%	2 / 2.93	5.6 GWh
2	Dos Palos Clean Power	San Jose Clean Energy	92%	3 / 4.29	8.3 GWh
				5 / 7.22	**13.9 GWh**

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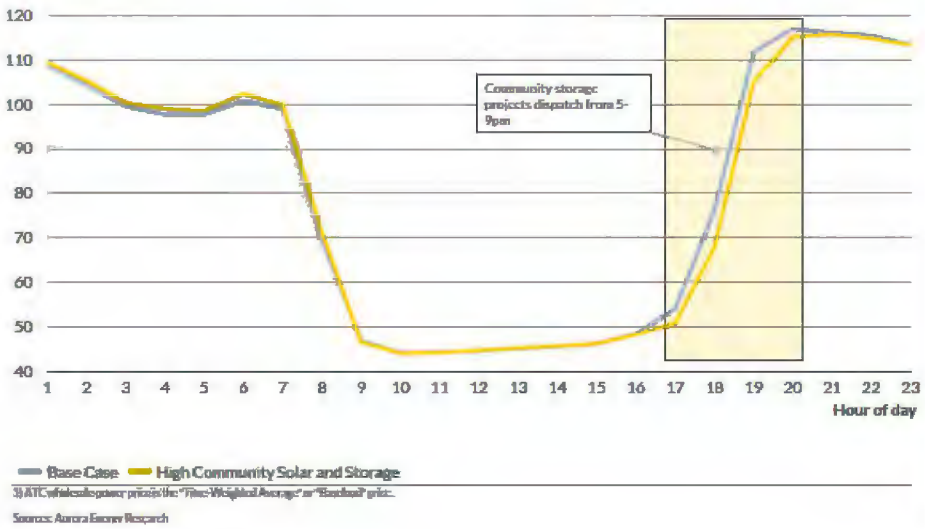
AURORA STUDY OF POTENTIAL IN CALIFORNIA DISTRIBUTION GRID

III Results

Community storage dispatches from 5-9pm, displacing gas generation and decreasing peak evening electricity prices



Sources: Aurora Energy Research

- In California distribution grid we have 5.4GW of capacity under utilized.
- Community storage dispatches can help decreasing peak pricing
- 6.5 Billion in Statewide Savings over 20 years
- In the Community Solar and Storage case, the reduction in transmission utilization allows lower spending in line upgrades of $0.91bn in 2025 -2045
- Community Solar + Storage strengthens the grid and reduces system cost.

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THE PROBLEM: DG IS LOSING ITS STREAMLINED INTERCONNECTION PATH

THE PATH THAT WORKED

Exporting DG rarely clears Fast Track screens on constrained feeders. Projects historically moved to the Independent Study Process (ISP), studied individually with mitigations identified, then interconnected.

WHAT CHANGED: ISP IS BEING ELIMINATED

Under FERC Order No. 2023, SDG&E and SCE stopped accepting WDAT Independent Study requests in August 2024, leaving only Fast Track or Cluster Study. Projects that fail Fast Track now fall into cluster windows: long queues, shared upgrade costs, and restudies when neighbors drop out.

THIS DEFEATS THE LOAD-MODIFYING PATHWAY

A load-modifying designation is only as valuable as the interconnection behind it. If DG must sit in cluster study, it loses the speed and local siting that make it worth counting, which is exactly what AB 1813 is trying to unlock. No streamlined interconnection, no fast, deliverable DG.

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INDEPENDENT STUDY PROCESS IS CRUCIAL

- For new resources connecting to the California distribution grid, there are multiple paths to choose from
  - Fast Track process – restricted by size, with little chance of passing all screens
  - Cluster Study – a lengthy process of over two years that makes no distinction between connecting to the Distribution Grid (34.5kV), Sub-Transmission Grid (34.5kV–70kV), or Transmission Grid (above 115kV)
  - Independent Study Process – a reasonable processing time of 6 to 8 months that protects the grid while maximizing use of its capacity
- The Independent Study Process can be avoided for a new resource on the Distribution Grid by using a Load Tap Changer (LTC) controller to prevent penetration into the Sub-Transmission or Transmission Grid
- New resources can be added to the grid while mitigating all potential concerns

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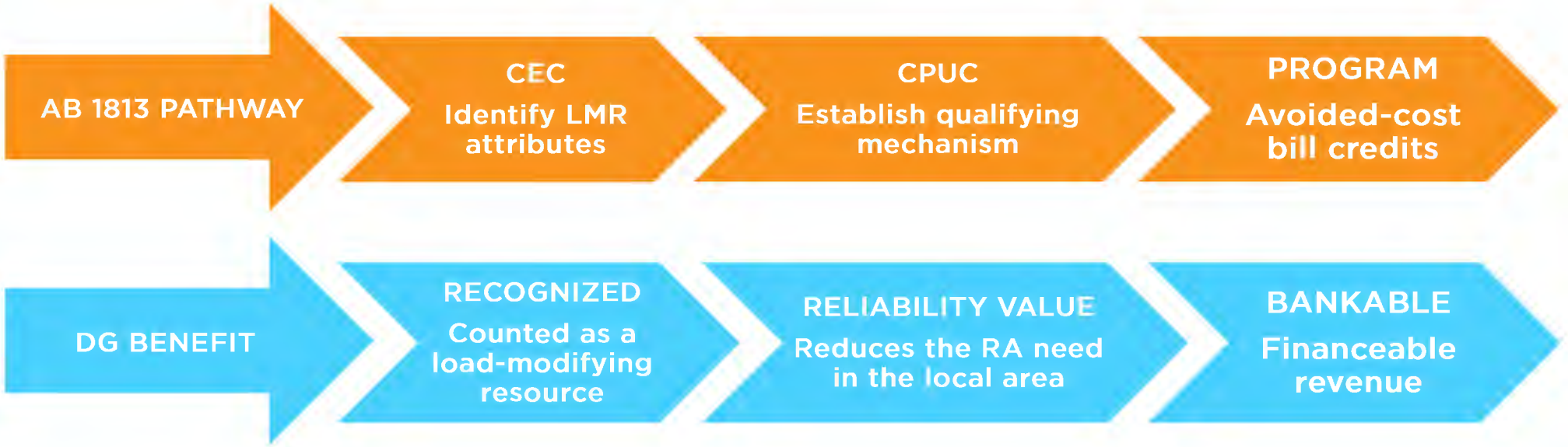
AB 1813: A LOAD-MODIFYING RESOURCE PATHWAY FOR DISTRIBUTED GENERATION



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