

Petrol PLAZA

Electrify America to deploy 30 solar-powered EV charging stations in California

The \$2 million investment in Envision Solar infrastructure will help Electrify America to expand access to public charging options across rural California.



Electrify America is investing \$2 million in solar-powered electric vehicle (EV) charging stations in rural California that are not tied to the electrical grid. The investment will expand access to sustainable EV charging to drivers in rural areas, including the Central, Coachella, and Imperial Valleys.

Electrify America is sourcing the chargers from Envision Solar, a San Diego-based sustainable technology company. The EV ARC 2020 is a transportable, solar-powered electric vehicle-charging infrastructure product. Each standalone station is equipped with a 4.28-kilowatt (kW) sun-tracking solar array, 32kWh of on-board battery storage, and two Electrify America Level 2 EV chargers capable of charging speeds up to 6kW. This combination allows for two customers to charge their

light-duty electric vehicles at the same time using 100 percent renewable electricity regardless of weather or time of day.

“Envision Solar’s innovative technology allows us to offer renewable energy solutions for electric vehicle charging,” said Giovanni Palazzo, president and chief executive officer of Electrify America. “Along with supporting California’s broader air quality goals, this investment expands reliable, low-cost charging solutions to California residents living outside of major metropolitan areas – further demonstrating that electric vehicles are for everyone.”

“Electric vehicles accounted for about 8% of car sales in California in 2019 but EV penetration is still less than half a percent in rural areas,” said Desmond Wheatley, chief executive officer of Envision Solar. “Electrify America’s deployment of our rapidly deployed, solar-powered EV charging products will help the state get closer to its goal of 250,000 charging stations by 2025 while putting fully emissions free driving within reach of those who need it most.”

Installation of the Envision Solar chargers will begin in the first half of 2020.