



## Electric Vehicle Charging & Solar Systems in the South Coast

This Initiative, sponsored by the U.S. Environmental Protection Agency (EPA) and South Coast Air Quality Management District (AQMD), accelerates the adoption of electric vehicle charging stations and photovoltaic solar energy systems.

The State of California has set goals to deploy 1.5 million electric vehicles (EVs) on California's roadways by 2025 and derive 50% of its electricity from renewable resources by 2030. Solar photovoltaic (PV) systems combined with EVs provide zero-emission driving, significant cost savings and energy independence. The EPA is supporting the rapid transition to EVs powered by clean energy to help improve the air quality and health of South Coast residents. Please join this initiative today!

**The EPA supports this EV Charging & Solar Initiative in the South Coast by providing free technical assistance. In addition, financial assistance or rebates may be available from the South Coast AQMD to qualified organizations to help lower the price of an EV charging station and solar PV powered systems. Contact us for more information!**

### The Initiative:

The **EV Charging & Solar Initiative** provides assistance to organizations to help them procure affordable EV charging stations, with the option to site solar PV energy systems. Participants will receive free assistance to assess and ultimately secure EV charging stations and/or solar PV at workplaces throughout the South Coast air basin. Non-profit organizations, colleges and private sector companies located in the South Coast air basin may participate in this Initiative. Technical experts will work with fleet, facility and sustainability managers to identify the best energy system for individual company needs.

EV charging stations can be used to charge company plug-in hybrid and battery-electric fleets and employee's personal vehicles. Qualified EVs allow employees to access HOV lanes, which helps them save valuable commuting time. Transitioning commercial fleets to EVs and plug-in electric hybrid vehicles helps companies save money at the fuel pump, while being environmentally responsible.

This free, independent technical assistance will help organizations make informed decisions on how best to generate energy while seeing positive environmental and financial returns. Solar PV options are available for energy generation either on-site (rooftop and carports) or off-site.

Participants joining the **EV Charging & Solar Initiative** will have free access to industry-leading technical experts and resources to make informed decisions on siting EV charging stations and solar PV systems, helping drive a faster transition to a clean, independent energy economy.

**This Initiative will provide participants with the following free services:**



**Training & Educational Resources for Decision Makers**

- Tailored support to build understanding of PV solar and EV charging station opportunities, benefits and costs.
- Best practice guides, case studies, and hands-on training including:
  - o Technical feasibility and design considerations for system sizing.
  - o Guidance on maximizing Federal, state and local incentives.
  - o Procurement process and contracting considerations.



**Project Feasibility Assessments**

- Provide free cost and benefit comparisons for various PV and EV systems.
- Technical advice to optimize siting for EV charging stations and solar.
- Utilize the latest industry best practices for solar PV systems located either on- or off-site.
- Review EV charging station options, integration, cost structure and energy needs.



**Procurement & Vendor Selection Assistance**

- Leverage regional effort to maximize participant buying power.
- Independent evaluation of pre-qualified vendor offers.
- Assistance to secure financial incentives, tax credits and rebates.
- Support with developer contract negotiation, including strategies for negotiating essential terms and conditions for PV and EV charging systems.
- Leadership recognition for involvement with this innovative regional Initiative.

**Sign up for the Electric Vehicles Charging & Solar Initiative today!**

[epa.gov/cati/about-electric-vehicle-charging-solar-initiative](https://epa.gov/cati/about-electric-vehicle-charging-solar-initiative)

Or contact us to learn about:

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