

Grant Funding Opportunity from the California Energy Commission: Advanced Vehicle-Grid Integration Research and Demonstration

Purpose: to fund technical development and demonstration projects that yield and quantify multiple real-world benefits of advanced vehicle-grid integration (VGI) applications for electric vehicle fleets. This project will be a full-scale demonstration of the integration of PEV fleet(s) with the electric grid and customer sites with the aim of accelerating commercialization.

Eligibility: must be within the Pacific Gas and Electric, Southern California Edison, or San Diego Gas & Electric Service territories.

The Eligible Funding Group is listed in the table below. A 25% match fund is required. For example, a public entity could complete a \$2 million project for a total cost of \$500,000 representing a very favorable opportunity.

Funding Group	Available Funding (million)	Minimum Award Amount (million)	Maximum Award Amount (million)	Minimum Match Funding Amount (% of EPIC funds requested)
Group 1: Advanced VGI for Fleets	\$12	\$1.5	\$5.0	25%

Due Date: Funding applications are due October 21, 2016.

Projects must validate the economics and operating characteristics of any one or combination of the following technologies:

- Actively-managed "smart" one-way charging (SC)
- Vehicle to Building (V2B)
- Vehicle to Grid (V2G)

All of the above are elements of VGI.

Potential Facilities:

- Campuses with large fleet of cars (trucks, passengers), such as airports and universities
- Employees car fleets, such as Cities and Counties
- Group transportation, such as school buses
- Individuals' cars