Building the Bay Area's Electric Vehicle Corridor
Providing Places to Plug-In and Recharge

Transportation accounts for more than 40% of greenhouse gas (GHG) emissions in the Bay Area. Within the transportation sector, approximately 75% of GHG emissions are generated by on-road vehicles.

To reduce GHGs in the region, we need more electric vehicles (EVs) on the road, and more convenient places to recharging them. In November 2008, the Mayors of San Jose, San Francisco and Oakland pledged to make the Bay Area the "EV Capital of the U.S."

The Mayors are advancing EV policies to:

- Expedite permits and installation of EV charging stations at homes, businesses and public buildings,
- Provide incentives for employers and parking facilities to install EV charging systems,
- Achieve consistency for regulations and standards across the region,
- Establish government programs that promote the purchase of EVs,
- Link EV programs to regional transit and air quality programs,
- Promote aggressive pooled-purchase orders for EVs in the government and private sector,
- Secure standard (110V) electric outlets for charging low voltage EVs in every government building, and
- Identify and place 220V EV charging equipment in each city including city parking lots and curbside parking.

The Electric Vehicle Corridor Project

Nearly 60 cities, counties, businesses and agencies have formed the *Bay Area Electric Vehicle Corridor Project* to line up funding for the installation of electric vehicle charging stations throughout the Bay Area and Monterey.

Automobile manufacturers, such as Nissan, General Motors and Toyota, among others, have joined this public-private partnership and plan to introduce plug-in battery and hybrid vehicles in the Bay Area during the latter part of 2010.

Bay Area Air Quality Management District
Grant Recipients
Electric Charging Stations

Grantee	Grant Amount	Number of Stations
Better Place, Palo Alto	$30,000	30
City of Palo Alto	$12,000	6
City & County of San Francisco	$100,000	60
City of Santa Rosa	$42,860	20
Sonoma County	$72,900	30
Santa Clara County	$85,720	40
Alameda County	$84,760	40
Total	**$428,240**	**226**

Solar Fuel Stations
Solar Charging for Zero Emissions Driving

Plug-In BAY AREA

Solar fuel stations provide plug-in electric vehicles with solar energy generated via photovoltaic panels mounted on carports or adjacent building roofs. Both system designs can be outfitted so that electricity is fed back to the grid or the onsite host building if cars are not charging.

Google Headquarters, Mountain View, CA

Kyocera Headquarters, San Diego

The benefits of solar fuel stations:

- Reduces GHG Emissions and Criteria Pollutants
- Builds California's Economy & Generates Green Jobs
- Promotes Local Energy Independence by acting as distributed generation facilities that feed the larger grid when not fueling cars
- Reduces Petroleum use
- Generates Renewable Energy
- Supports the Adoption of Electric Vehicles by Being Highly Visible and Boosting Consumer Confidence
- Promotes Infill Development by Using "Built" Space

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