



Charging Station Fact Sheet

Plug in Santa Barbara

In late 2010, the Community Environmental Council formed Plug in Santa Barbara, a group of government, business, utility and other stakeholders working to build public electric vehicle charging stations and make it easier to use electric vehicles in Santa Barbara and on the Central Coast. The group, which includes the Santa Barbara County Air Pollution Control District and the City of Solvang, has been very successful in attracting funding to build dozens of charging stations and also to develop an Electric Vehicle Readiness Plan for the Central Coast (Ventura, Santa Barbara, and San Luis Obispo Counties).

Electric Vehicle Charging Station Facts

- The City of Solvang installed dual port stations at three different locations: the Veterans Memorial Hall parking lot (1745 Mission Drive); Parking Lot 1 (482 Alisal Road); and Parking Lot 3 (1576 Mission Drive). Each site has one dual port station, meaning that two vehicles can charge at the same time at each location. These stations and others around the country can be seen using online maps and mobile phone apps available at www.ChargePoint.net and www.Recargo.com
- The charging stations are manufactured by Coulomb Technologies, charge at 240 volts, and charge an electric vehicle two to four times faster than a normal 120 volt outlet, depending on the vehicle.
- The stations are open to the public, 24/7, and are expected to cost \$1.25-\$2.00 per hour to use.
- The stations were entirely paid for through grants from the Department of Energy, the California Energy Commission, and private funds through the ChargePoint America program.
- Electric vehicles are very energy efficient, and the EPA rates many of them around 100 miles per gallon equivalent. Vehicles currently for sale include the Mitsubishi i (112 mpge combined), the Nissan Leaf (99 mpge) and the Chevrolet Volt (94 mpge while in electric mode).
- Pure electric vehicles operate solely on battery power; while plug in hybrid electrics operate on battery power for 15-40 miles, then use a gasoline engine to travel further distances.
- Electric vehicles produce zero tailpipe emissions, and on California's green electricity grid, reduce greenhouse gas pollution by 75 percent. Many EV owners also install solar, and "drive on sunshine" for free.
- By the end of 2012, approximately a dozen different models electric vehicles will be on the market. More information on vehicles is available at www.PlugInCars.com
- Various market forecasts project one to two million electric vehicles on California roads by 2020.

About the Community Environmental Council

Since 1970, the Community Environmental Council (CEC) has led the Santa Barbara region — and at times California and the nation — in creative solutions to some of the toughest environmental problems. With a long history developing recycling, organic agriculture, land use, hazardous waste reduction, and watershed protection programs, in 2004 CEC reorganized to focus on the transition to a clean energy economy. Our current programs focus on renewable energy, energy efficiency, and sustainable transportation.

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