



SOUTHERN CALIFORNIA  
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– [www.sce.com](http://www.sce.com)

**Energy-Related Learning**

– [www.sce.com/ctac](http://www.sce.com/ctac)  
– [www.sce.com/agtac](http://www.sce.com/agtac)

**Statewide Transmission System Status**

– [www.caiso.com](http://www.caiso.com)

**Utility Regulation**

– [www.cpuc.ca.gov](http://www.cpuc.ca.gov)  
– [www.energy.ca.gov](http://www.energy.ca.gov)

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**POWER BULLETIN**

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**GOVERNMENT & INSTITUTIONS**

**SCE Charges Ahead to Help Customers Get Plug-In Vehicle Ready**

With several plug-in vehicle (PEV) models coming to market in late 2010—and estimates of 100,000 PEVs in Southern California Edison's (SCE) service territory by 2015—SCE is working to streamline the process for business and residential buyers and make certain the grid is ready to support the full-scale commercial introduction of these vehicles.

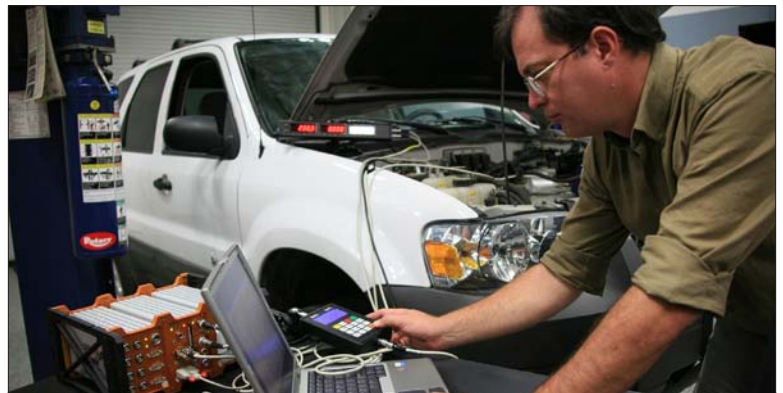
Business customers interested in incorporating PEVs into your fleet should contact SCE early on to:

1. address any potential upgrades needed for your site's electrical service (such as for commercial charging at Level Three, with a 480-volt connection), and
2. determine the best rate option for you.

**Vehicle Purchase Survey**

To help SCE make the customer experience as convenient and simple as possible, please take the PEV purchaser survey at [www.sce.com/pev](http://www.sce.com/pev).

The widespread adoption of PEVs represents an important element of efforts to reduce greenhouse gas emissions. A study by the Electric Power Research Institute and Natural Resources Defense Council concluded that by 2050, the



An engineer works on vehicle research programs at SCE's Electric Vehicle Technical Center in Pomona, Calif. As SCE prepares its own operations and infrastructure for the arrival of plug-in vehicles, the company is informing prospective purchasers about the need to get "plug-in ready" before buying.

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widespread adoption of plug-in hybrid-electric vehicles could reduce annual vehicle emissions of greenhouse gases by more than 450 million metric tons, the equivalent of removing one-third of today's light-duty cars and trucks from the road.

### Plug-In Readiness Pledge

SCE is currently working with state and local officials, automakers and other key stakeholders to prepare for greater use of PEVs in our electrical system. Last fall, SCE joined other member utilities of the nationwide Edison Electric Institute to sign a pledge for PEV market readiness addressing infrastructure, customer support, education, vehicle and infrastructure incentives, and utility fleets.

In the last area, SCE already operates the nation's largest private fleet of 300 electric vehicles. Since the program's inception, SCE's electric vehicles have traveled more than 18 million miles, reducing greenhouse gas emissions by 9,800 tons and pollutants by more than 2,200 tons. In addition, SCE leads the nation in generation from renewable sources, so PEVs charged in SCE's service territory will be among the cleanest in the nation.

For more information on getting plug-in ready, contact your account representative and visit [www.sce.com/pev](http://www.sce.com/pev).

### Visit World Ag Expo and SCE's Energy Center-AGTAC in Tulare

SCE will showcase a variety of energy-efficient programs and services at the upcoming World Ag Expo—the world's largest agricultural exposition, taking place Feb. 9-11, 2010, in Tulare, Calif.

Stop by and visit SCE's booth areas—6138, 6139 and 6140 in the Dairy Center, and 1333, 1334, 1433 and 1434 in Pavilion A. The SCE Dairy Center exhibits will highlight energy-saving opportunities for agricultural and industrial customers, including free pump tests. The SCE Pavilion A booths will include information on SCE's extensive program offerings available for customers to improve their bottom line.

If you're at the World Ag Expo, also visit SCE's Energy Center, the Agricultural Technology Application Center (AGTAC), located directly across the street from the expo. This 24,200-square-foot, state-of-the-art facility showcases technologies through interactive exhibits to help customers save energy, money and the environment.

During the World Ag Expo, AGTAC will offer a free seminar on "Improving Energy Efficiency in Drip Irrigation."

At AGTAC, you'll find displays on indoor and outdoor lighting, HVAC, cool roofs and more. In the Outdoor Demonstration Grounds you'll see displays on chemigation, growing grounds, and irrigation and pumping technologies, among others.

Plus, check out the Ground Source Heat Pump display—which demonstrates geothermal heat pump energy efficiency capabilities—and a grid-connected, power-generating photovoltaic section.

AGTAC classes and tours are free. For more information, call 800.772.4822 or visit [www.sce.com/energycenters](http://www.sce.com/energycenters). Details on the World Ag Expo are available at [www.worldagexpo.com](http://www.worldagexpo.com), and the showground map is located at [www.worldagexpo.com/General-Info/Showground-Maps.htm](http://www.worldagexpo.com/General-Info/Showground-Maps.htm).

## GOVERNMENT & INSTITUTIONS SEGMENT FOCUS

### School District Earns Top Marks for Energy Savings

The Orange Unified School District is seeing plenty of green in the form of cost savings thanks to participation in SCE energy efficiency and demand response programs, as well as a district-wide commitment to the efficient use of electricity.

The district serves approximately 30,000 students in 40 schools in several Orange County, Calif., cities. More than three years ago, the Board of Education stepped up the district's commitment to energy savings by establishing a formal energy management policy and guidelines.

#### Saving 3.4 Million kWh

In the last three calendar years, the district saved about 3.4 million kilowatt-hours (kWh) by participating in SCE energy efficiency programs and receiving incentives to upgrade to or install new high-efficiency equipment—like indoor lighting, light-emitting diode (LED) exit signs, HVAC package units and computer management software that programs computers to go into standby or shutdown mode.



*From 2007 through 2009, the Orange Unified School District saved about 3.4 million kilowatt-hours by participating in SCE energy efficiency programs and receiving incentives to upgrade to or install new high-efficiency equipment.*

"Energy is one of the few expenses that schools can reduce without sacrificing educational quality," said district Energy Manager Lori Davis. "Any energy savings that are realized help make this difficult financial time a little easier."

The district also participates in two SCE demand response programs: the Summer Discount Plan (SDP) and the Demand Bidding Program (DBP). With SDP, which it joined in 2007, the district reports credits of more than \$430,000 to date for allowing SCE to periodically turn off, or cycle, central air conditioning unit compressors during summer peak energy demand periods. In addition, the district indicates first-year bill credits of nearly \$4,000 for voluntarily reducing load during DBP events.

District Energy Manager Andrew Durrett recognized SCE account executive John Rensch for bringing cost-saving programs and opportunities to the district's attention.

"Over time we've developed a really strong relationship," Durrett said. "He looks out for our best interests and calls often. One of the best things we've learned is to get SCE involved early in any project. There's so much out there they can help with."

Durrett and Davis also touted the value of attending free classes at SCE's Customer Technology Application Center Energy Center in Irwindale. They've participated in many, on topics ranging from solar installations to electrical safety to lighting upgrades.

### Teaching Energy Savings

The district builds on SCE's resources by making energy education a priority among its staff and teachers. In fact, a key tenet of the Board of Education's energy management policy reads: "Each person shall be expected to become an 'energy saver' as well as an 'energy consumer.'"

To do this, the district reminds staff and teachers to turn off and unplug unused equipment at night and on breaks, and conducts periodic audits of sites to check on this. When a DBP event is called, the district sends staff a reminder with a list of equipment to shut down, and lets them know the results, which Davis said encourages additional participation: "The more we share, the more they want to participate."

The district's outstanding energy management achievements have earned it a U.S. Environmental Protection Agency ENERGY STAR® Partner designation, and several ENERGY STAR Leader recognitions.

Davis noted that from March 2007 through October 2009, the district lowered energy costs by more than \$3.1 million as a result of using SCE's programs and encouraging energy-saving behaviors. She concluded, "Not wasting energy and using resources only when needed is important for all of us. By conserving, we can put the district's dollars to better use...educating children."

For more information on how you also can benefit from SCE's wide array of energy management programs and services, contact your account representative or visit [www.sce.com/solutions](http://www.sce.com/solutions). Information on Energy Center classes is available at [www.sce.com/energycenters](http://www.sce.com/energycenters).