

# Electric Vehicle Fact Sheet



At Southern California Edison, we have been at the forefront of supporting the development and adoption of electric vehicle (EV) technologies for more than 20 years. Our commitment to electric transportation is one facet of our overall vision for a modern grid that will enable consumer use of clean-energy technologies and help California meet its clean air and greenhouse gas reduction goals.

We are working to support California's goal of getting 1.5 million zero-emission vehicles on the road by 2025 by helping to expand the number of charging stations, electrifying our own fleet to reduce emissions and developing ways for electric vehicles to integrate with the grid.

We are doing this through pilot programs, partnerships with other utilities and research institutes and through hands-on engineering research at our Electric Vehicle Testing Center. We also work with stakeholders to evaluate the safety and grid impacts of transportation electrification innovations, including electric-drive, charging and energy-storage technologies.

## Electric Vehicle Testing Center

Our Electric Vehicle Technical Center in Pomona is unique in the electricity industry. It is where we — in collaboration with automakers, battery producers, charging equipment manufacturers, the U.S. Department of Energy and others — help evaluate electric transportation technologies and charging, as well as the impacts of alternative fuels on the environment.

## Pilot Projects

### Charge Ready

- This \$22 million pilot project is a collaboration with cities, employers, apartment owners and other business site owners to deploy approximately 1,500 charging stations at locations where cars are typically parked for four hours or more. Through Charge Ready, SCE builds, owns and maintains electric infrastructure serving charging stations. We also offer participating site hosts a rebate toward the cost of the charging stations and their installation. By giving electric vehicle drivers more options to charge their vehicles, the Charge Ready pilot supports and helps to accelerate the EV charging market in Southern California.

### Vehicle-to-Grid Pilot

- We're partnering with the U.S. Department of Defense and the state of California on a vehicle-to-grid (V2G) technology pilot. The pilot will test whether electric vehicle owners can benefit by selling energy storage from their idle, plugged-in electric vehicle batteries back to the grid. If successful, the pilot could be the "proof of concept" that helps establish the viability and scalability of vehicle-to-grid technology.

### Workplace Charging Pilot

- With the help of our employees, SCE has recently completed a Workplace Charging Pilot to examine the need for electric vehicle charging stations at work and how drivers respond to dynamic pricing and power-saving events when charging their EVs.

Visit [on.sce.com/ev](https://on.sce.com/ev) for more information on Electric Vehicles

## Fleet Electrification

We spent 15 to 20 percent of our annual fleet acquisition budget on fleet electrification in 2016 and have committed to the Edison Electric Institute utility goal, which is a minimum of 5 percent annually. We currently have more than 600 electric or electrified vehicles in our fleet ranging from hybrid-electric cars to non-electric trucks that use lithium-ion batteries to power their lifts, air conditioning, lights and two-way radios while the engine is turned off.



## Rates for EV Owners

Our customers who charge electric vehicles can benefit from very attractive cost-based electricity rates by charging during off-peak hours. We have developed an online EV Rate Assistant to help residential customers choose the most cost-effective rate for them. The EV Rate Assistant and other information is available at [on.sce.com/ev](http://on.sce.com/ev). Business customers may reach out to their SCE account manager or call 800-EV-4-BUSINESS to evaluate their rate options with an SCE representative.



## Market Education

Because lack of awareness is a major barrier to electric vehicle adoption and other transportation electrification opportunities, we actively reach out to our customers to let them know about the benefits of electric vehicles and fueling from the grid, paying particular attention to customers in disadvantaged communities. Through marketing and education campaigns, we highlight the personal, economic and environmental advantages of dumping the gas pump and plugging in.



Visit [on.sce.com/ev](http://on.sce.com/ev) for more information on Electric Vehicles