

CHARGE READY

TRANSPORTATION ELECTRIFICATION INFRASTRUCTURE PROGRAMS

Charge Ready programs support the expansion of electric vehicle charging at homes, workplaces, schools and public places, as well as fleet and industrial vehicle charging for public agencies and private industry. Accelerating the adoption of electric transportation across these various sectors will help Southern California Edison achieve its clean energy vision of electrifying 75% of vehicles on California highways by 2045, which will in turn help the state meet its climate goals.



CHARGE READY | FOR CARS AND LIGHT-DUTY TRUCKS

Through Charge Ready, our electric car charging infrastructure program, SCE has been partnering with businesses, local governments and other organizations to help increase the availability of EV charging stations at locations where people park their cars for extended periods of time.

SCE installs, maintains and covers installation costs for charging infrastructure, while participants own, operate and maintain the charging stations. The program also provides rebates toward the purchase of charging stations. During the initial pilot phase, Charge Ready installed more than 1,800 charging ports at over 100 sites, including workplaces, campuses, recreational areas and multi-unit dwellings.

In a second phase, Charge Ready 2, which will be launched in 2021, SCE will expand the program to 38,000 more away-from-home locations and apartment and condominium complexes.



CHARGE READY TRANSPORT | FOR MEDIUM- AND HEAVY-DUTY VEHICLES

Charge Ready Transport is helping to grow the transportation electrification market over a five-year period by installing electric infrastructure at customer sites to support charging plug-in buses, medium- and heavy-duty trucks, forklifts and other non-road cargo handling equipment.

As in our program for light-duty vehicles, Charge Ready Transport will also provide rebates toward the purchase of charging stations. SCE will offer commercial rate options that make EV charging more affordable during times of the day that benefit both customers and the grid.



Recent Charge Ready-Branded Pilot Programs

CHARGE READY | SCHOOLS AND PARKS

As many as 250 new charging ports will be installed at 40 K-12 schools and another 130 ports at about two dozen state parks or beach sites through Charge Ready Schools and Charge Ready Parks. The school charging stations will serve faculty, staff, student family and visitor cars. The state park and beach charging stations will be for fleets, employees and visitors.



CHARGE READY | DC FAST CHARGE

Fast chargers can reduce charging times to as little as 30 minutes for a full charge. SCE helped to promote the growth of fast charging by working with program participants to install fast-charging stations at five sites that are accessible to all drivers. An additional 200 DC fast chargers will be installed through Charge Ready 2.



CHARGE READY | TRANSIT BUS

Fossil-fuel powered buses are a significant source of air pollution in urban communities. This program for government transit agencies funded the cost of installing infrastructure to support electric bus charging at bus yards. Efforts were focused on transit systems in underserved communities that are disproportionately impacted by air pollution from buses. Transit bus charging will now be available through Charge Ready Transport.



CHARGE READY | PORT ELECTRIFICATION

At the Port of Long Beach, SCE helped to install infrastructure for the electrification of equipment used to move goods containers around the port. This equipment was previously powered by diesel engines, which are a significant source of air pollution. More port electrification is coming through Charge Ready Transport.



Rubber tire gantry cranes: Diesel-powered gantry cranes, which are used to move shipping containers, were electrified. These machines have been identified as the second largest source of nitrogen oxide (NOx) emissions at the terminal.



Yard tractors: SCE installed charging ports in freight yards to transition the tractors that move shipping containers around the port facility from diesel to zero-emission electricity.

