

PROJECT PROFILE / **ELECTRIC VEHICLE CHARGING INFRASTRUCTURE PROGRAM**

## ELECTRIFYING THE FUTURE OF CALIFORNIA'S INFRASTRUCTURE

As California ramps up its commitment to reducing air pollution, Southern California Edison (SCE) is leading the charge for utilities in the electric vehicle (EV) charging space.

To accommodate the state's goal of having 30% of vehicles on the road electric by 2030, SCE needed to establish an expansive charging infrastructure program.



# A PIONEERING UTILITY EMBARKS ON AN EV CHARGING INFRASTRUCTURE PROGRAM

A collaborative approach allows customer-side adoption for EVs while helping California meet air pollution reduction goals.

Southern California Edison, one of the nation's largest electric utilities, delivers power to 15 million customers and nearly 800,000 businesses across Southern California. In response to the state's commitment to reducing greenhouse gases and air pollution through electric vehicle adoption, SCE has established a Clean Power and Electrification Pathway to put more than 7 million EVs and more than 200,000 electric trucks and buses on California roads and in its freight yards by 2030.

To power this goal, SCE is in the process of executing Charge Ready Programs throughout its territory, including Los Angeles County and Orange County, to support expansion of EV charging in homes, workplaces, schools and public places, as well as fleet and industrial vehicle charging. After completing a competitive request for proposal process, SCE selected Burns & McDonnell as one of several firms to support

this far-reaching program through site assessment, design and permitting services.

In close collaboration with SCE's internal teams, we are documenting general site information, existing site conditions and proposed site improvements that are necessary for updated utility infrastructure. Based on the commercial and industrial customer applications submitted to and vetted by SCE, we survey the correlating land, develop a cost analysis, and provide all necessary environmental and permitting services. Once this scope is established, we provide a high-level design of the site and construction plan and base mapping for the infrastructure installation.

To support the execution of the various project phases, we developed contracts with a number of diverse business enterprises. This effort will allow these businesses to expand experience and skills in this evolving industry over the three-year project partnership.

As the program moves forward, our team will remain plugged into projects for light-duty, multiunit dwellings in SCE's service territory, with plans to engage all projects as they continue to develop for years to come.

## PROJECT STATS

### CLIENT

Southern California Edison

### LOCATION

Southern California

# 7M+

GOAL FOR EVs  
BY 2030

# 200K+

GOAL FOR ELECTRIC  
TRUCKS AND BUSES  
IN SERVICE BY 2030

