



### EV DC Fast Charging Incentive Program

This project increased the number and visibility of high-speed public EV chargers in SMUD territory to make sure customers are aware EV charging is available to them. Drivers want quick and easy charging options that are conveniently located, especially if they don't have access to EV charging at home, or if they need to charge quickly enroute.

Concerns about driving range, access to public charging and the speed at which vehicles can charge are significant factors in the decision-making process when considering an EV. To support adequate coverage for all drivers, SMUD designed an incentive program to promote the installation of fast EV charging stations within our service territory. Incentives were made available to commercial customers along major corridors, as well as in underserved communities.

After building and refining the program for about a year, the California Energy Commission (CEC) announced the CALeVIP program, with \$14 million in funds for DC fast chargers and level 2 charging station installations within Sacramento County. We made the strategic decision to redirect our incentive program funds and partner with CALeVIP to have a larger impact in addressing the need for EV charging infrastructure at the regional level. Prior to being closed to new applicants, though, we secured two more sites—one in Rancho Cordova and one in Elk Grove—for a total of five new DC fast charging stations.

We're happy to report that the original incentive program started at SMUD has evolved into a regional partnership with a substantial impact.



### Mobi EV and Gen Charger Loan Pilot Program

We wanted to test and understand the value of using mobile EV chargers and battery-powered generators, so we could support the expansion of electric transportation as well as reduce greenhouse gas emissions and pollutants at local events. This program also evaluates the logistics of using the mobile batteries, such as charging, storing and transporting them.

The Mobi Gen is a clean, quiet mobile battery that can replace conventional gas or diesel power generators to fulfill temporary electricity needs. It provides convenient charging options where no permanent charging stations exist. The ingenious Mobi units are batteries on wheels equipped with a joystick to get them from point A to point B. They're about the size of a small riding lawn mower and are a great way to provide electricity in places that might not otherwise have affordable or physical access to power.

Since Mobis can move easily between locations or be loaded onto a truck or trailer, a single unit can be used for multiple customers in various scenarios. It's a convenient back-up charger for fleets and a great alternative to the noisy, polluting output of diesel generators at events.

We've been loaning both the Mobi EV and the Mobi Gen to interested commercial customers who demonstrate a need for the chargers. The chargers were used at numerous events in 2019, including ECOS's Sacramento Earth Day, Cal Expo and SACOG's Regional Futures Forum, a SMUD-sponsored Ride & Drive and Electrification event in Elk Grove, the Sacramento Auto Show and a Visit Sacramento event at CSUS, and piqued a lot of interest. The Mobi units are just one example of where our exploration of new, agile technology can lead us.