

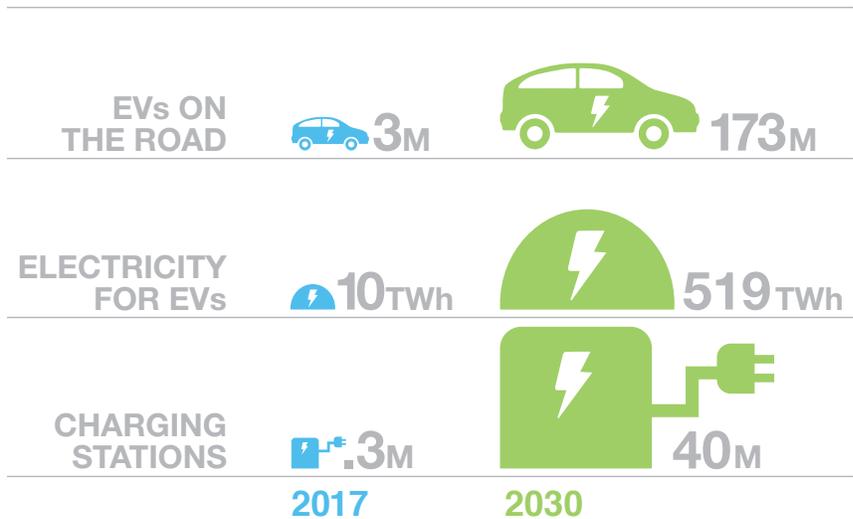
EV Cloud™ the best choice for grid optimization and flexibility

Demand is surging
for EVs, and the
electricity and
charging stations to
fuel them

The number of electric vehicles (EVs) will increase dramatically between now and 2030, from 3 million in 2017 to more than 170 million in 2030! The energy required to fuel this growing number of EVs is staggering.

It is projected that more than 500 terawatt-hours of electricity will be needed to power EVs by 2030², up from less than ten terawatt-hours in 2017. More than 40 million charging stations are forecasted to be installed by 2030, up from 300,000 in 2017.³

Despite these huge growth projections, a recent Smart Electric Power Alliance (SEPA) survey found that most utilities are not prepared for the new load.



Utilities must prepare for EV growth now

Utilities that proactively lead this transformation will benefit from:

- higher revenues from EV electricity demand
- greater grid stability
- better customer experience

There are a number of business models for utilities to choose when deploying an EV charging network for customers: full ownership, make-ready, or incentive-based. Fortunately, no matter which model utilities choose, there are proven network management technologies available that can seamlessly deliver scalable, full-featured charging station options to customers.

Utilities that have chosen EV Cloud to help power their EV charging infrastructure



EV Cloud delivers most advanced EV charging

EV Cloud is the most advanced, flexible and scalable EV charging network management platform available. Built on a modern, services-oriented architecture with support for open standards, EV Cloud supports a wide range of EV charging station manufacturers and different customer applications such as DC Fast Charging, workplace, multi-unit dwelling and retail.

With EV Cloud, you can easily create full-featured, co-branded EV charging networks that protect grid assets and meet your current and future requirements. Many utilities are already using EV Cloud to manage EV charging networks and a range of utility business models.

You don't have to build your own internal EV charging software development team with EV Cloud, or dedicate staff to manage ongoing driver and charge station support. EV Cloud allows you to quickly deploy your own dedicated and private EV charging network with all the features you and your customers need.

Powerful EV Cloud capabilities

- Range of implementation choices
- Flexible managed charging options
- Grid optimization and management
- Dynamic pricing, prioritized charging
- Aggregated EV charge load balancing
- Branded and co-branded solutions
- Open standards support (OCPP, Open ADR, OCPI)
- Easy to use, customize and manage
- Full-featured reporting and analytics
- Support for energy storage and V2G
- Enterprise-class data security

The EV Cloud platform includes a wide range of plugins and apps you can easily add or modify to deliver a unique, customized experience to users. EV Connect also offers additional turnkey options such as site qualification, EV charge station procurement, installation management, operations and maintenance.