



The Ratepayer Benefits of Electric Vehicle Charging

Utilities across the country are considering an opportunity to increase their role in deployment of electric vehicle charging stations for the benefit of all ratepayers. ChargePoint encourages utilities to support growth of the EV market while seeking options that encourage smart managed charging, protect customer choice on hardware and network options, allow individualized pricing policies and access, and continued innovation of this emerging technology.



More Charging Stations in More Places: Allowing utilities to incorporate into their general rate cases the costs of the infrastructure needed to install a charging station, alongside the other investments that utilities make every year, will cut the price per station by more than half. This can increase opportunities for workplaces, retailers, hospitals, schools, hotels, homes and apartments to add more stations in more places.

Lower Costs: Enabling EV drivers to participate in utility demand response programs and exposing customers to demand side management will significantly lower costs for drivers and station owners. In addition, avoiding long term utility investments through load management will lower costs over time for all ratepayers via greater utilization of utility generation, distribution and transmission assets.



Fuel Independence & Cleaner Air: Switching from gasoline-fueled vehicles to cleaner EVs can reduce dependency on foreign oil and reduce greenhouse emissions by more than 38% per vehicle annually according to the U.S. Department of Energy.

Builds on Positive Utility Customer Relations: Utilities have a strong and historic relationship with ratepayers across their territories. By assisting in the deployment of electric vehicle charging infrastructure, utilities can provide customers the additional benefit of access to clean, affordable electricity for fueling their vehicles.



Improved Electricity Planning: By allowing utilities access to data from electric vehicle charging infrastructure, utilities can now better predict deployment of new stations and changes in local energy needs.



Grid Reliability: Electric vehicle charging infrastructure can complement the increased growth of intermittent renewables, which means that utilities can balance solar energy being produced and added to the grid with the electricity flowing off the grid and into cars at the same time.

Expansion of the Smart Grid: Deploying the latest advanced technology for EV charging, including smart charging applications and “vehicle grid integration” (V2I) capable stations, ensures that current and future EV drivers are fully integrated into a smart grid of the future.

ChargePoint is the world's largest and most open EV charging network with over 31,600 public level 2 and DC fast charging spots (as of January 2017). Every 4 seconds, a driver connects to a ChargePoint station and by initiating over 20 million charging sessions, ChargePoint drivers have saved over 20.3 million gallons of gasoline, avoided 150 million pounds of greenhouse gas emissions and driven over 500 million gas free miles. For more information, please visit <http://chargepoint.com>.