



**Courses, presentations and webinars
offered by Utility Financial Solutions**

Electric Vehicle Charging Stations

Electric car charging stations installed in residential homes may result in a number of technical, metering and rate issues the utility should consider. Including how the customer may be metered such as sub metering or requiring a separate service line. Is time of use the only method used to charge the customer, what would occur if a customer installs a quick car charging and what are the impacts on the Utilities distribution system. This session will focus on these issues and the following:

1. What metering installations are being used by Utilities
2. The types of rate structures the utility may consider including:
 - a. Rate is a separate meter is installed
 - b. Placing customer on a blocked rate structure
 - c. Having a separate rate structure for customer with car charging stations
 - d. Should we implement a time of use rate structure for residential car charging stations
3. How does the cost to purchase and operate an electric vehicle compare with an internal combustion engine
4. How utilities are addressing the cost issues if a new service line is installed