As part of the ChargePoint America program, OUC is installing up to 100 EV charging stations throughout our service area. Funded in part through a U.S. Department of Energy grant, this program enables us to evaluate the impact the charging stations will have on our electric system while also observing the driving and charging patterns of EV owners. These charging stations will soon be popping up at shopping malls, area businesses, public buildings, hotels and parking garages.

For more information on electric vehicles, visit www.GoElectricDrive.com
OUC—The Reliable One has been providing reliable electric service to our customers for more than 90 years, and we want to be sure we can deliver that same high level of service to power their electric vehicles (EVs).

With more EVs rolling off assembly lines, many consumers are starting to see them as an alternative to rising gas prices and as a way to lower the cost of their commute.

So, we’re helping to develop an electric vehicle solution for Greater Orlando as part of our commitment to a cleaner, greener future.

What types of EVs are available?
There are two basic types of plug-in electric vehicles.

Plug-in hybrid electric vehicles (PHEVs):
These vehicles have two power systems—an internal combustion engine and a battery—so they use both gasoline and electricity.

Battery electric vehicles (BEVs):
These vehicles are powered solely by electric motors and batteries, and use no gasoline. Most BEVs have a range of about 75-100 miles between charges.

How do I charge an EV?
Level One Charging uses a standard 120-volt outlet and special cord supplied with your vehicle. The power required is similar to that needed to operate a hair dryer. PHEV typically require about nine to 12 hours to recharge - although a full charge for a BEV could take 12 to 20 hours.

Level Two Charging is three to five times faster than Level One. However, you will need to consult with an electrical contractor to install the necessary charging station and ensure you have a dedicated 240-volt outlet. PHEV typically require only about three hours to recharge at Level Two— although a full charge for a BEV could take six to eight hours.

Considering an EV?
If you are considering purchasing an EV or already have one in your garage, go to www.ouc.com/EV to find helpful information on everything from the various types of vehicles and home chargers to public charging station maps and calculators that help you determine whether an EV is right for you.

Before you purchase an EV, contact OUC.
If you are planning to install a 240 Volt fast charger, it is especially important to contact OUC. We’ll ensure that your current transformer is capable of handling the additional energy demand of an EV charger. We provide you with access to certified electrical contractors who can install the charging station for you and answer questions you might have regarding how charging your EV may impact your electric bill.

WWW.OUN.COM/EV