

WORKING ON CLIMATE CHANGE SOLUTIONS

Moving Forward with Electric Vehicle Charging Stations

A network of electric vehicle (EV) charging stations is emerging in Northwest Oregon as cities search for clean, economical and sustainable transportation options and drivers consider the switch to vehicles that reduce fuel use and emissions contributing to global warming.

Charging stations in key locations will serve drivers using plug-in hybrid vehicles so they can “top off” their batteries and ensure a round trip. The stations also will test the infrastructure to guide further expansion throughout the state as technologies improve and the expected sales of hybrid-electric and all-electric vehicles increase. Nissan, for example, has selected Oregon as one of 2 states to introduce its all-electric car in 2010 for government and commercial fleets.

In December 2008 Gresham joined several municipalities offering public charging stations with the unveiling of its two-vehicle plug-in station outside City Hall. The city partnered with Portland General Electric which is developing a network of stations in the region. The PGE network includes 8 locations in Portland, Lake Oswego, Tualatin, Oregon City and Salem, with more to be added. Pacific Power has a station in Corvallis and has plans to expand.

Oregon Department of Transportation’s Innovative Partnerships Program works with PGE and other partners to encourage demand for EVs by establishing the predictable availability of charging stations at convenient, easy-to-find locations. Oregon’s Business Energy Tax Credit helps reduce the costs for businesses and other entities that install the stations.



ODOT



City of Oregon City