

Research & Strategic Partnerships

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To Whom It May Concern,

Portland State University is fully engaged in solving our nation's mobility and energy security challenges through multiple Electric Vehicle partnerships with Portland General Electric (PGE), ZipCar, the City of Portland, and auto manufacturers.

PSU's commitment to Electric Vehicle infrastructure and research is truly innovative. Both the operations and research arms of the university are proceeding in such a way that PSU has become a prime destination for automotive industry leaders to launch products in the U.S. As one example, Portland State has received from Toyota four full EVs to test in Oregon and ten Plug-in Prius vehicles as part of a national demonstration project.

PSU's 110V and 220V EV charging infrastructure has been expanded to over 20 locations on university property and by mid-April, 2011 the "Electric Avenue" demonstration project will be complete along Portland's Montgomery Street. This project will demonstrate public electric charging in a dense urban right of way, adjacent to light rail and streetcar transit. The street will feature six EV chargers donated by four leading manufacturers, and will include at least one state of the art DC Quick Charger capable of a 20 minute full charge.

Today, PSU faculty are actively engaged in several statewide EV efforts including: the Governor's Transportation Electrification Executive Council, the ECotality/Nissan's EV Project, Drive Oregon and Smart Grid Oregon.

PSU's newest effort, the Electric Vehicle Initiative is a cross-campus innovative research and education effort exploring the electrification of transportation and the integration with the built environment. The Initiative will explore the nexus of the future of sustainable energy, transportation and the built environment by answering questions on consumer behavior, grid integration, and vehicle use & performance. The Initiative will provide policy and technical guidance to the region, and to help solve research questions for EVs.

Finally, PSU and PGE have sponsored three well-attended EV conferences in the last 18 months. This conference series, called the "EV Roadmaps", has assembled hundreds of thought leaders, industry experts and academics to strengthen EV adoption, and promote Portland and Oregon as an ideal EV marketplace.

Sincerely,



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Research and Strategic Partnerships,
Portland State University