

NEW POWER TECHNOLOGIES

Energynet® Technologies

Toyota ITC and New Power Technologies to Conduct Energynet® EV Charging Field Trial

Platform to Reduce EV Charging Costs and Grid Risk

SAN JOSE, CA-Oct. 5, 2011 New Power Technologies announced that it has signed a collaboration agreement with Toyota InfoTechnology Center Ltd. (Toyota ITC) that will encompass a range of activities involving electric vehicle (EV) charging. The initial focus of the collaboration will be the Los Altos Hills Field Trial (LAHFT) of Energynet EV Charging.

In the LAHFT, New Power Technologies and Toyota ITC will use input from experienced EV owners, real vehicles and charging stations, and data from the PG&E and Cal ISO power delivery systems to determine how to drive down electrical charging costs and impacts. As a field demonstration of an end-to-end solution, the LAHFT will also help identify the practical challenges of “smart” vehicle charging.

“Because the Energynet Platform reveals the power grid from a customer’s home to an entire region, it is the way to maximize the benefits of charging EVs while avoiding potential problems such as neighborhood clustering” said Peter Evans, President of New Power Technologies.

“Energynet EV Charging should be easy or invisible to the EV owner while it reduces their vehicle fueling costs” said Rich Larsen, General Manager of the New Power Technologies EV Solutions Group. “Automakers recognize that lower fueling costs will incent large numbers of electric vehicle purchases, which in turn will create a large new load on the electric grid.”

Toyota Motor Corporation, the parent company of Toyota ITC, has shipped more than two million Prius Hybrid vehicles in the U.S., and will begin shipping the Plug-In Hybrid Electric Vehicle (PHEV) in 2012. The demand that charging vehicles are expected to put on the electric power grid prompted Toyota ITC to study the effects and potential management solutions that could also reduce vehicle charging costs.

About New Power Technologies

New Power Technologies is dedicated to the practical application of advanced energy technologies. The company’s Energynet® technologies enable power delivery network analysis and management with unprecedented transparency, precision, and ease of integration to support high-performance and high-efficiency network operation and planning at utility scale. The Energynet power network management platform supports a variety of solutions and applications.

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