

NEW POWER TECHNOLOGIES

Energynet[®] Technologies

BMW and New Power Technologies Sign Collaboration Agreement

EV Charging Field Trial to Reduce Charging Costs and Grid Risk

SAN JOSE, CA-April. 11, 2012 New Power Technologies (NPT) and the BMW Group Technology Office USA announced that they have signed a Collaboration Agreement for Phase 2 of the Los Altos Hills Field Trial (LAHFT), which will demonstrate end-to-end managed charging of BMW's ActiveE and other electric vehicles.

According to NPT, the purpose of Phase 2 of the LAHFT is to establish a closed loop communication network incorporating both vehicles and charging stations. Based on signals from the grid, Energynet will be able manage the EV charging process to an optimal price point while minimizing power grid clustering and loading impacts.

In Phase 1 of the Trial, NPT identified grid infrastructure and EV chargers, and recruited EV owner-participants in a study area where more than one percent of households already own an EV. NPT also identified value-charging opportunities using customer, PG&E, and Cal ISO data. Collaboration Agreements with several automakers including BMW have also been established.

Peter Evans, President of NPT, stated that "We found that drivers like reduced charging costs, but they also showed a strong preference for convenience, which Energynet EV Charging will do." "This trial will provide utilities and automakers rare field data on managed EV charging from the grid to customer preferences," said Rich Larsen, General Manager of NPT's EV Solutions. "Energynet EV Charging will enhance the EV user experience while reducing power grid risk and charging costs, ultimately accelerating the adoption of electric vehicles."

The BMW ActiveE marks the launch of the second phase of the BMW Group's electromobility development strategy. Based on a BMW 1 Series Coupe, the ActiveE features a newly developed all-electric drivetrain that was developed in-house by BMW. The rear-wheel drive powertrain uses an electric motor mounted between the rear wheels producing 170 horsepower and torque of 184 lb-ft. The ActiveE will accelerate from 0 – 60 mph in under nine seconds. In order to optimize the potential driving range of 100 miles in either cold or hot conditions, the battery cell incorporates liquid heating and cooling. From a smartphone, the cells can be pre-conditioned to their optimal operating temperature while still plugged into the grid saving battery power. While on the grid, the car can also be signaled to heat or cool the interior so that battery power does not need to be used for this purpose either. In addition to the look of the BMW 1 Series Coupe, the ActiveE captures its spirited driving character as well. 700 BMW ActiveEs will be leased for two years in select markets at \$499/month with \$2,250 down. In

California, those markets include the metropolitan areas of Los Angeles, San Francisco, San Diego and Sacramento. Northeast markets are the metropolitan areas of New York, Boston and Hartford, Connecticut.

About BMW Group In America

BMW of North America, LLC has been present in the United States since 1975. Rolls-Royce Motor Cars NA, LLC began distributing vehicles in 2003. The BMW Group in the United States has grown to include marketing, sales, and financial service organizations for the BMW brand of motor vehicles, including motorcycles, the MINI brand, and the Rolls-Royce brand of Motor Cars; DesignworksUSA, a strategic design consultancy in California; a technology office in Silicon Valley and various other operations throughout the country. BMW Manufacturing Co., LLC in South Carolina is part of BMW Group's global manufacturing network and is the exclusive manufacturing plant for all X5 and X3 Sports Activity Vehicles and X6 Sports Activity Coupes. The BMW Group sales organization is represented in the U.S. through networks of 339 BMW passenger car and BMW Sports Activity Vehicle centers, 139 BMW motorcycle retailers, 113 MINI passenger car dealers, and 32 Rolls-Royce Motor Car dealers. BMW (US) Holding Corp., the BMW Group's sales headquarters for North America, is located in Woodcliff Lake, New Jersey.

Information about BMW Group products is available to consumers via the Internet at: www.bmwgroupna.com.

About New Power Technologies

New Power Technologies is dedicated to the practical application of advanced energy technologies. The company's Energynet® platform enables 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.

For more information see www.newpowertech.com.

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