



Evergreen Electromotive

Evergreen Electromotive and Digital Foundry Develop GridAware, a Network Linking Electric Vehicles with Electric Utilities

Bainbridge Island, WA (November 5, 2008) - Evergreen Electromotive and Digital Foundry have joined forces to develop GridAware, an in vehicle communication network that provides power grid balancing and offsetting services, easing the deployment of electric vehicles as they claim a larger share of the existing power grid capacity. GridAware electric vehicles communicate energy usage and schedule information to a GridAware service center, which uses this information to modulate individual charging schedules, optimizing power grid usage.

GridAware technology allows electric utilities to adapt to the growing popularity of electric vehicles such as Evergreen Electromotive's ECH. As millions of new electric vehicles are driven home and plugged in at the end of the work day, the sudden spike in demand will challenge the capacity of many electric utilities. However, GridAware makes it possible for utilities to allocate demand across off-peak hours, thereby meeting the needs of a new market as well as boosting the efficiency of the utilities.

Each Evergreen vehicle is an active client incorporating an embedded computer which connects to the GridAware network via WiFi, Bluetooth, or GSM. The onboard computer utilizes industry standard CAN-BUS to facilitate vehicle data acquisition allowing for expansion of services and capabilities in the future.

Connection to the network is seamless to the vehicle operator. GridAware utilizes Digital Foundry's membership technology, currently the backbone of some of the world's largest active membership systems, with existing deployments exceeding 9 million users. The GridAware service center provides a single point of integration for utilities, greatly simplifying their role and success in vehicle charge management. This approach also allows a vehicle to seamlessly span utilities with the potential of charging in differentiated locations such as work and home.

Building a network like GridAware provides vehicle and fleet owners with a wide range of capabilities beyond energy management. Geo-location, route logging, real-time diagnostics and updating are just a few additional services enabled by the GridAware service.

Evergreen Electromotive is developing GridAware with Digital Foundry, a Bay Area business and software consulting company with years of experience implementing large-system deployments. Digital Foundry counts many utility and telecommunications companies as clients, including Nokia, Comcast, KeySpan (now part of National Grid), Energy East (Iberdrola), and PG&E.

For more information on Digital Foundry's services, call 415-789-1600, or visit: www.digitalfoundry.com. Evergreen Electromotive is a privately held company, with facilities in Kitsap County Washington. Additional information about the company and its products can be found on its web site at: www.evergreenelectromotive.com.