

## IMMEDIATE NEWS RELEASE

### Boulder Electric Vehicle and Coritech Services Inc Showcasing Turnkey V2G Fast Charge Solution at the Alternative Clean Transportation Expo

#### LAFAYETTE, CO

**June 24, 2013** – Boulder Electric Vehicle and Coritech Services have demonstrated bi-directional DC fast charging, making Boulder Electric Vehicle the 1<sup>st</sup> electric truck company ever to successfully implement Vehicle-to-Grid (V2G) charging. Boulder EV and Coritech Services will both be attending the Alternative Clean Transportation (“ACT”) Expo in Washington DC, June 24<sup>th</sup> through June 27<sup>th</sup>, where together in booth 216 they will be highlighting their outstanding achievement of electric vehicle bi-directional charging. There will be on-site demonstrations revealing their turnkey solution to V2G charging utilizing Boulder EV’s 100% Electric Flatbed Utility Truck equipped with a Lithium 72 kWh battery pack and a Coritech 60kW DC Fast Charger System. Current demonstrations are seeing charger rates of 150 amps during charge or discharge on the 360V nominal battery pack.

“The ACT Expo is the perfect forum of industry leaders to introduce Boulder Electric Vehicle’s proven V2G solution with Coritech Services,” shared Carter Brown, Chief Executive Officer of Boulder Electric Vehicle. “We recognize the future importance of V2G in strengthening the value proposition of the Electric Vehicle, and we now offer a turnkey solution that is ready for immediate deployment.”

V2G is one of the key applications of smart grid technologies which will help realize the economic value of mass deployment of Electric Vehicles. Communication and management between the utility, vehicle and charge points are essential aspects in achieving V2G. Boulder Electric Vehicle offers a wide range of medium and heavy duty fully electric vehicles ideally suited for today’s progressive fleet. Coritech Services offers DC Fast Chargers capable of bi-directional charging and discharging.

“We are proud to provide system solutions today for the realization of V2G DC Fast Charging and to be working with Boulder Electric Vehicle to ensure the entire system works together flawlessly,” shared Russ Ristau of Coritech Services Inc.

The system developed has been based on the interface specification for the SPIDERS Phase II program and was implemented, developed and finalized independently by Boulder Electric Vehicle and Coritech Services. Southwest Research Institute will be supplying the grid aggregation service between the Coritech EVSE and the grid. Due to the success of this turnkey system, the companies are working toward a demonstration late summer 2013 at Fort Carson. This demonstrated solution supports a larger vision of the Department of Defense in the mass scale deployment of Electric Vehicles.

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**About Boulder Electric Vehicle**

Boulder Electric Vehicle is a leading designer, developer and manufacturer of viable medium and heavy duty electric trucks and vans. Currently manufacturing two models, the 500 Series and 1000 Series, these class 4 and class 5 vehicles have been successfully deployed with numerous fleets, all of whom are now realizing the economic and environmental benefits of going green with Boulder Electric Vehicle.

**About Coritech Services Inc**

Coritech Services has been providing integration solutions for over a decade. Our manufacturing and industrial plant integration experience, combined with our group of highly skilled professionals, position Coritech Services as an industry leader in system integration. We provide a complete turnkey project with all departments in-house, allowing us to maintain exceptional quality from start to finish.

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**About Southwest Research Institute**

Southwest Research Institute® is a non-profit research and development test and evaluation laboratory located in San Antonio, Texas. SwRI® is part of the team supporting the electric vehicle grid services component of the Smart Power Infrastructure Demonstration for Energy Reliability and Security (SPIDERS) Phase II demonstration at Fort Carson, Colorado. In this role, SwRI® assisted the team in the design and development of the charger to vehicle communications. In addition, SwRI® is solely developing an electric vehicle aggregation system for the program. This aggregation system has been developed specifically for military needs, providing energy storage capability during emergency grid outages, as well as providing the base with the ability to lower installation energy costs through Vehicle-to-Grid (V2G) services such as peak shaving and participation in frequency regulation services. The SwRI® aggregation system has been designed to take full advantage of the Society of Automotive Engineers (SAE) standards for DC Fast Charging with Bi-Directional capability, providing variable charge and discharge control to a collection of vehicles.

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