



## **Aquion Energy and Eguana Technologies Announce Technology Partnership**

***– Companies Successfully Complete Field Demonstration of a Remote Energy Storage System; Begin Marketing Joint Solution –***

**Pittsburgh, PA and Calgary, AB** – (August 27, 2015) – Aquion Energy Inc., the developer and manufacturer of Aqueous Hybrid Ion (AHI™) batteries, and Eguana Technologies (TSX.V: EGT) a leading supplier of high performance power conversion and control systems for stationary energy storage systems, today announced that they have successfully completed field trials of Eguana's Bi-Direx inverter with Aquion's AHI high performance batteries.

The testing undertaken by Aquion successfully demonstrated the technologies of both companies working together as an integrated energy storage module. Target applications for the integrated module include standalone and battery backup power, village power, remote microgrids, diesel optimization, and military power on demand. Further, the same platform can be easily adapted to meet the growing demand for battery-based solar PV self-consumption and residential battery backup storage systems.

Under the partnership, the companies will jointly market and support the combined solution to system integrators, OEMs, and other companies deploying energy storage systems. Both companies' respective components are certified to UL standards and are in production and widely available for purchase.

Aquion's AHI batteries have a unique environmentally-friendly electrochemical design, and are the first and only batteries in the world to be [Cradle to Cradle Certified™](#). AHI batteries contain no heavy metals or toxic chemicals and are non-flammable and non-explosive making them the cleanest and safest battery in the world. The long-lasting batteries deliver robust performance across a wide temperature operating range, do not degrade from partial state of charge cycling, require no maintenance, and are easy to scope, site and install.

Eguana's Bi-Direx inverter is a high efficiency, bi-directional, grid-interactive inverter, specifically designed to connect distributed low voltage generation and storage systems to smart grids and micro-grids. The Bi-Direx inverter combines the highly flexible "AC coupled" design, which enables complete flexibility to retrofit or build out systems incrementally, with the highest round trip electrical conversion efficiencies in the power industry. Bi-Direx moves seamlessly from grid-interactive to grid-independent operating modes and is easily integrated with advanced battery technologies.

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## About Aquion Energy

Aquion Energy is the manufacturer of proprietary Aqueous Hybrid Ion (AHI™) batteries and battery systems for long-duration stationary energy storage applications. AHI batteries are optimized for daily deep cycling for residential solar, green architecture, off-grid and microgrid, energy management, and grid-scale applications. Aquion's high-performance, safe, sustainable and cost-effective batteries deliver industry-leading value for customers. Aquion's battery systems provide flexible, modular energy storage that enables broad adoption of renewable energy technologies such as wind and solar, reduced reliance on fossil fuels, and optimization of existing grid-tied generation assets. For more information, visit [www.aquionenergy.com](http://www.aquionenergy.com) and follow on Twitter [@Aquion\\_Energy](https://twitter.com/Aquion_Energy)

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## About Eguana Technologies, Inc

Eguana Technologies Inc. (TSX.V: EGT) designs and manufactures high performance power controls for residential and commercial energy storage systems. Eguana has more than 15 years' experience delivering grid edge power electronics for fuel cell, photovoltaic and battery applications and delivers proven, durable, high quality solutions from its high capacity manufacturing facilities in Europe and North America.

With thousands of its proprietary energy storage inverters deployed in the European and North American markets, Eguana is the leading supplier of power controls for solar self-consumption, grid services and demand charge applications at the grid edge.

To learn more, visit [www.EguanaTech.com](http://www.EguanaTech.com) or follow us on Twitter [@EguanaTech](https://twitter.com/EguanaTech)

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