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Aquion Energy and Ideal Power Announce Technology Partnership

Aquion Energy Verifies Compatibility of Power Conversion Systems and Aqueous Hybrid Ion Batteries

AUSTIN, TX and PITTSBURGH, PA -- (Marketwired) -- 04/08/15 -- Ideal Power Inc. (NASDAQ: IPWR), a developer of innovative power conversion technologies, and Aquion Energy, the developer and manufacturer of Aqueous Hybrid Ion (AHI™) batteries, today announced that Ideal Power's Power Conversion Systems (PCS), utilizing its patented Power Packet Switching Architecture™ (PPSA), have been tested and validated by Aquion Energy for compatibility with their AHI batteries.

Ideal Power's PCS underwent testing and validation in Aquion Energy's labs to verify the compatibility of the two companies' products under typical operating conditions. The results demonstrated that Ideal Power's PCS is an excellent fit for Aquion Energy's battery products, delivering exceptional efficiency and reliability. The AHI batteries are clean and sustainable saltwater batteries that are optimized for storing solar energy for residential, off-grid and microgrid applications.

"After testing Ideal Power's systems, we've determined that the performance and flexibility of their PCS is a great match for our batteries," said Ted Wiley, Co-Founder and Vice President of Product and Corporate Strategy at Aquion Energy. "We want to ensure that our AHI batteries work with the leading PCS systems in the market so that our customers can optimize the performance of our batteries. We're confident in recommending Ideal Power's PCS to our customers for their storage applications."

"Aquion's Aqueous Hybrid Ion chemistry is a safe, sustainable, and cost-effective energy storage solution for both microgrid and off-grid applications. Their batteries are a perfect match for our new microgrid-forming products," said Ryan O'Keefe, Senior Vice President of Business Development at Ideal Power.

About Ideal Power Inc.

Ideal Power Inc. (NASDAQ: IPWR) has developed a novel, patented power conversion technology called Power Packet Switching Architecture™ (PPSA). PPSA improves the size, cost, efficiency, flexibility and reliability of electronic power converters. PPSA can scale across several large and growing markets, including solar photovoltaic generation, electrified vehicle charging, and commercial grid storage. Ideal Power also has a licensing-based, capital-efficient business model that can enable it to address these markets simultaneously.

Ideal Power has won multiple grants for its PPSA technology, including a \$2.5 million grant from the Department of Energy's Advanced Research Projects Agency - Energy (ARPA-E) program, and market-leading customers are incorporating PPSA as a key component of their systems. For more information, visit www.IdealPower.com.

About Aquion

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, off-grid and microgrids, 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.

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