



## **PRINCETON POWER SYSTEMS INTEGRATES GRID-TIED INVERTER INTO PJM REGULATION MARKET**

**(December 2, 2011) PRINCETON, NJ** - Princeton Power Systems (PPS), announces today its Grid-Tied Inverters are being used as a power resource for the PJM Regulation Market. The inverters, in conjunction with lead carbon (PbC) and lithium-iron phosphate batteries, will participate in two locations as 100 kW resources to enhance reliability and increase the efficiency of the grid.

Delivered today is an Energy Storage System capable of 100 kW of power and 26 kW hours, which are the minimum power and energy levels required to participate in PJM's frequency regulation market. The system includes the inverters, lithium-iron phosphate batteries, and the communications required to interface with PJM.

"Through the inverter and integrated Site Controller providing 2-way communication with the PJM system, our customers will be able to participate in multiple revenue-generating markets," said Executive Vice President Darren Hammell. "These systems can be easily ramped to higher kw levels by paralleling inverters, and configured for more kWh's and different storage technologies."

The inverters are a unique aspect of the system as they are capable of working with several types of batteries and capable of multiple communication options, including the DNP3 protocol used by PJM. While the recent FERC regulation allows for a minimum of 100 kW, the inverters can be configured for anywhere as much as 1 MW or more.

### **About Princeton Power Systems, Inc.**

Princeton Power Systems, founded in 2001, is a manufacturer of advanced power conversion products and alternative energy systems, with patented electronics that provide a more reliable and cost-effective means for converting electric power cleanly and efficiently. The company has solutions for renewable energy, distributed power generation, and military applications. Princeton Power Systems



products reduce energy consumption, lower peak electric usage, and provide clean, renewable energy sources with superior performance.

**For more information please contact:**

**Amanda Scaccianoce**

**[ascaccianoce@princetonpower.com](mailto:ascaccianoce@princetonpower.com)**

**609-955-5390**

**[www.princetonpower.com](http://www.princetonpower.com)**