

## Princeton Power Systems to Share How Region Can Avert Power Outages

New Jersey meeting on storm resiliency -- canceled because of snow storm -- to be rescheduled

In recent weeks, swaths of New Jersey and the Northeast lost power, this time because of a snow storm. Unfortunately, power outages aren't an unusual occurrence in New Jersey, the Northeast or even nationwide.

Just over two years ago SuperStorm Sandy crippled the Northeast's electric delivery system. More recently, in December, Detroit lost power for eight hours because of its antiquated power system.

In fact, just about every day somewhere in the U.S. businesses and consumers face the cost and inconvenience of a power outage.

"North America's infrastructure is aging and frail. So even small disturbances to the system can lead to power failure," said Darren Hammell, Co-Founder and Chief Strategy Officer of New Jersey-based Princeton Power Systems, which designs and manufactures state-of-the-art power electronics used in advanced battery operations and alternative energy.

Solar power alone will not solve this problem; in fact none of New Jersey's 1 GW of solar helped during Superstorm Sandy. Most solar systems are connected to the central grid. So when it fails, the solar panels stop generating electricity for the home or business. Is there a way to resolve this problem?

Yes, energy storage is the key to keeping the lights on.

Princeton Power Systems demonstrates the value of energy storage when the power fails in its community. A battery bank at the company's headquarters in Lawrenceville, provides backup power to the company's main office and servers for eight hours during utility electricity failures.

The system represents a smaller version of the kind of technology that Princeton Power Systems has installed at many other sites in North America, Europe, Africa and the Caribbean.

Now Princeton Power Systems is working to bring a similar system -- at no cost -- to the West Windsor Municipal Complex in Mercer County, New Jersey.

"This is an incredible opportunity for our own community to reap the benefits of the kind of state-of-the-art solar plus battery storage that we've brought to so many other parts of the world," Hammell said.

Princeton Power Systems hopes to share information about this storm resiliency opportunity with the larger central New Jersey community, including towns like Princeton, Pennington and

Lawrenceville. The company was supposed to participate in a community meeting on storm resiliency January 27, but it was -- ironically -- canceled because of the snow storm.

The MIDJersey Chamber and the MIDJersey Center for Economic Development are working on rescheduling the meeting. Several experts will share their knowledge on a panel moderated by Robert D. Prunetti, MIDJersey Chamber of Commerce. The panel will include Darren Hammell, Princeton Power Systems; Andrew Powers, PSE&G; Ted Borer, Princeton University; Thomas Walker, New Jersey Board of Public Utilities.

For more information about the upcoming meeting, contact Princeton Power Systems at [press@princetonpower.com](mailto:press@princetonpower.com)