

Powering the Future: The Vermont Smart Grid and Beyond

The state of Vermont is committed to a sustainable energy future. More than any other state in the nation, Vermont has forged effective partnerships among government, industry, educational institutions and communities, leveraging their expertise and collective willpower to spur energy innovation statewide.

Recognizing the value of these partnerships, the Department of Energy (DOE) has awarded Vermont's utilities a smart grid grant to deploy smart meters to more than 80 percent of Vermont consumers, facilitate the integration of renewable energy sources into the grid, increase efficiency, and add stability to the grid with storage from electric vehicles.

Building on these accomplishments, Sandia National Laboratories will partner with the University of Vermont and an array of Vermont stakeholders, including utility companies, private industry, residential

and industrial consumers, policymakers and regulators to create the Nation's first statewide 21st century energy infrastructure – the Vermont Energy Infrastructure Initiative (VEII).

VEII will require innovation in a broad spectrum of areas including: technology development & integration; consumer outreach; public education and communication; public policy; and workforce training.

Success of the VEII will also be a turning point for the nation. The tools, experience and technology developed by VEII will form the foundation for a Vermont center of excellence located at the University of Vermont that will not only facilitate smart grid deployment across the United States but will help train the next generation of electricity experts, thus accelerating the nation towards a 21st century energy infrastructure.

For more information please contact:

Bob Hwang

E-mail: rghwang@sandia.gov

Phone: (505) 844-5852