

**U.S. DEPARTMENT OF ENERGY  
NATIONAL ENERGY TECHNOLOGY LABORATORY**

**Recovery Act – Enhancing State Government Energy Assurance  
Capabilities and Planning for Smart Grid Resiliency**

**Nebraska Energy Office  
July 24, 2009**

**Project Summary/Abstract.** The Nebraska Energy Office, an agency of State government, has three objectives in its application for the “Recovery Act – Enhancing State Government Energy Assurance Capabilities and Planning for Smart Grid Resiliency” grant. These three objectives are:

- ❖ Strengthen and expand State and local government energy assurance planning and resiliency efforts by incorporating response actions for new energy portfolios and Smart Grid applications,
- ❖ Create jobs, and
- ❖ Build in-house State and local government energy assurance expertise.

The methods to be employed to accomplish these objectives will be state-wide studies, roundtable discussions, job creation, information and training sessions, and interstate/intrastate exercises. With these tools, the Energy Office will build energy assurance capability which will allow Nebraska to better coordinate and communicate state-wide and regionally on energy security, reliability, and emergency response issues. The proposal request consists of \$363,635 in U.S. Department of Energy funds.

The project has the potential to impact local governments and State agencies in the respect that they will be more informed and better prepared when responding to energy emergencies. Emergency personnel within each State agency will be able to quickly identify and assess energy events and supply disruptions. State agencies will be more aware of how energy systems work and the importance of energy in their field. Local governments, State agencies, and the Midwest Region will have better coordination in response actions, duplication will be reduced, and less time will be needed to recover and restore the energy infrastructure. Energy Assurance Plans will include new energy portfolios such as renewable, biofuels, and Smart Grid technologies.

**Project Director/Principal Investigator**

Doris A. Jansky, Statistical Analyst  
Nebraska Energy Office  
P.O. Box 95085  
Lincoln, NE 68509-5085  
402.471.3538  
doris.jansky@nebraska.gov