



Protecting the Grid: Reducing Risks to the Nation's Energy Network

State Energy Risk Assessment Working Group

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State Energy Risk Assessment Working Group



- Group members: DOE, NCSL, NASEO, NARUC, and NGA
- Objectives:
 - Determine State energy risk assessment needs
 - Assess current practices in State-level energy risk analysis
 - Identify tools, methods, and processes to evaluate risk related to energy assets and systems
 - Engage with key stakeholders (across entire risk analysis development cycle) to enhance information sharing and collaboration

Components of Risk Assessment



- **Threat and Hazard Analysis**
 - Identify relevant man-made and natural hazards or conditions
- **Vulnerability Analysis**
 - Determine vulnerability of energy assets, systems, and networks to relevant threats and hazards and supporting supply chains and inputs
- **Consequence Analysis**
 - Categorize and quantify the impact of damage or loss of an energy asset or system
- **Criticality Analysis**
 - Identify specific assets, systems, and networks that are critical for energy continuity goals
 - Identify system dependencies from non-energy sectors

Working Group Goals



- Increase States' awareness of risk considerations relating to energy systems and infrastructure to better prepare them to make more informed decisions
- Inform and assist States on available analytical capabilities and resources for identifying and evaluating energy infrastructure risks
- Provide a suite of scalable, easily-applied analytical tools, methods, and processes to enable States to better assess risks to energy systems and assets

Benefits

- Identifying a State's risk management process and conducting energy risk assessments within a consistently applied overarching risk management framework provides the following:
 - Improves risk assessment, awareness, and develops a risk management culture among State entities;
 - Promotes defensible investment and mitigation decisions; and
 - Integrates energy risk assessment into existing State processes.



Risk Assessment Working Group Near-term Activities

- Utility Investment and Resiliency Simulation (NARUC)
- Survey members regarding how THIRA guidelines are applied to energy-specific risks (NGA)
- Convene group of state energy experts to determine best practices and available data and support Annual Winter Energy Outlook Conference (NASEO)
- Workshop/webinars for legislators in collaboration with Governors' offices and Energy/PUC officials (NCSL)
- Development of State energy risk assessment tool kit (All)
- Energy Risk Assessment Workshop, Spring 2015 (All)

Thank You!

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