



Energy Markets and Planning (E-MAP) Project

November 10, 2016

+ National Association of State Energy Officials

- Only national non-profit organization whose membership includes the 56 governor-designated energy officials from each state and territory
- Improve the effectiveness of state energy programs and policies
- Six regions across the nation to aid in sharing lessons learned for successful policy and program replication
- Act as a repository of information on issues of particular concern to the states and their citizens (e.g., grid modernization, energy resilience, energy security, cybersecurity, energy-air integration)
- Committee structure includes, Renewables, Electricity, Buildings, Industry, Energy Assurance, Transportation, Financing, Government Affairs
- Serve as the voice of SEOs in Washington, DC



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- NASEO's 56 State and Territory Energy Office members and private sector partners have elevated the need to address a growing list of interrelated electricity system opportunities and challenges, including:
 - Recognition of the need to modernize the electric transmission and distribution systems and related energy infrastructure to ensure economic growth and enhance reliability
 - Increased use of demand-side and supply-side energy efficiency and renewable energy resources
 - Inclusion of distributed energy and smart grid technologies in infrastructure modernization
 - Application of energy storage and two-way power flow opportunities
 - Acknowledgment of a greater public and private sector priority on resilience, reliability, and affordability

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- NASEO and DOE-OE seek to assist State Energy Offices in addressing the growing challenges states face as they develop policies and programs in an era of evolving energy markets, rapidly changing technologies, environmental requirements, and a drive to promote economic growth.
 - 3 State Energy Offices selected for an 18 month state led electric system modernization roadmapping process to take a comprehensive view across the electric system.
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+ Workplan Overview



- In support of this effort, the NGOE will perform the following:
 - Task 1: Identify Project Team and Stakeholder Group
 - Task 2: State Energy System Baseline Assessment
 - Task 3: Convene Stakeholders
 - Task 4: Needs Assessment and Action Planning
 - Task 5: Roadmap Dissemination
 - E-MAP Project will result in the development of an E-MAP Toolkit and Training Module based on pilot state roadmapping outcomes.
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+ NASEO/DOE Technical Assistance



■ Technical Assistance

■ NASEO:

- Energy data, market, and policy research
- Roadmapping process development and implementation
- Roadmap execution and policy development and adoption

■ DOE:

- Electricity policy
 - Access to DOE electricity experts
 - Energy assurance planning and assessment
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Naseo.org/emap

Thank you!

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