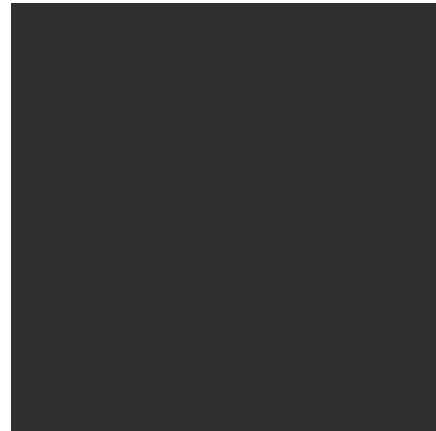




Energy Market and Planning Pilot (E-MAP) Kick-Off Webinar

November 14, 2014

+ Today's Presentation



- Welcome and Introductions – David Terry, Executive Director, NASEO
 - Opening Remarks – Dr. Caitlin Callaghan, Chemical Engineer, National Electricity Delivery Division, Office of Electricity Delivery and Energy Reliability, U.S. Department of Energy
 - Convergence of Energy Challenges and Opportunities – David Terry, NASEO
 - States Using More Holistic Approach to Address Policy Issues – David Terry; Maurice Kaya, Senior Technical Advisor, NASEO
 - Overview of E-MAP Pilot – David Terry, Executive Director, NASEO
 - Pilot Phases – Shemika Spencer, Program Director, NASEO
 - Questions and Answers
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+ A Convergence of Energy Challenges and Opportunities

A Convergence of Energy Challenges and Opportunities:

- Expanded Use of Natural Gas for Electricity Generation
- Rapidly Growing Distributed Solar Power (e.g., CA, DC, HI, NC, MN)
- Growing Wind Energy Production (e.g., IA, KS, WY, TX)
- Increasing Energy Storage Options (e.g., CA, HI, NY)
- Micro-Grid/CHP for Resilience and Efficiency (e.g., NY, MA, CT, NJ, IL, OH, AL, FL, TX, WA)
- Zero Net Energy Ready Buildings (e.g., MA, CA, CO, KY, WA)
- Demand Response and Internet Enabled Consumer Options
- Increasing Levels of Energy Efficiency and Declining Load Growth
- Energy System Resilience and Cyber Concerns (e.g., MI, VA, CT, TX)
- Financing Utility Systems (IL, OH)
- Evolving Utility Models (e.g., WI, NY, HI, MD)

States are Considering More Holistic Plans and Policies:

- e.g., Hawaii, New York, Minnesota, New Jersey, Washington

+ Project Overview

- E-MAP Pilot will be operated under NASEO's Fuel and Grid Integration Committee and will address the growing challenge states face as they develop policies and programs in era of evolving energy markets, rapidly changing technologies, environmental requirements, and a drive to promote economic growth
- NASEO will assist several pilot states (not yet selected) in developing a more comprehensive approach in considering emerging energy technologies and policies and evolving energy markets through a state driven road-mapping process
- Three phase pilot to take place over the next 36 months

+ Phase One



- **Task 1: Research and Policy Analysis (3Q 2014 – 1Q 2015)**
 - Inform project activities and develop criteria to select candidate states to participate in the pilot
 - **Task 2: Selection Process Development (1Q 2015)**
 - Scope and develop Request for Commitment seeking two or three state program participants
 - **Task 3: E-MAP Pilot State Selection (2Q 2015)**
 - Develop outreach materials, establish criteria, work with DOE to define level/type of analytical support available to participants, and notify selected pilot states
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+ Phase Two



- Task 4: E-MAP Pilot Baseline Analysis
 - Coordinate with pilot states to perform analysis and prepare summary reports
 - Task 5: Pilot Plan Development and State Road Mapping
 - Assist pilot states' development and implementation of road mapping process
 - Task 6: State Execution of Road Map and Policy Development and Adoption
 - Facilitate DOE's ongoing technical assistance to pilot states
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+ Phase Three



■ Task 7: E-MAP Toolkit Development

- Coordinate with DOE and pilot states to identify and develop toolkit materials

■ Task 8: Training Module Creation

- Develop training module based on selected pilot states' outcomes and provide to other State Energy Offices
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Questions?
Thank you!

Task Force Meeting and Project
Briefing at the NASEO Energy
Policy Outlook Meeting in
Washington, DC – February 3-
6, 2015



*National Association of
State Energy Officials*