

Energy Market and Planning Pilot (E-MAP)

Assisting States in Developing Comprehensive Roadmaps and Actions to Address Energy Infrastructure Modernization Challenges

NASEO and the State Energy Offices have identified a need to address a growing range of energy infrastructure modernization and other energy system challenges. To assist states in addressing this complex set of issues and opportunities, NASEO is working with the U.S. Department of Energy's Office of Electricity Delivery and Energy Reliability (OE), states, and private sector partners to create an Energy Market and Planning (E-MAP) pilot program. The pilot would assist several states in developing a more comprehensive approach to energy through a road-mapping process and eventual adoption of practical actions to advance energy infrastructure modernization, resilience, and productivity.

Research Approach

The EMAP pilot was kicked off with a Webinar on November 2014. The first phase of the E-MAP program has focused on conducting research on state policies, emerging market trends, and infrastructure issues to inform the overall program, enhance state interest in this area, and accelerate state action. NASEO's approach to the research and analysis phase is to use a combination of in-depth profiles of a key state(s) in each of NASEO's six regions, along with identification of innovative individual policies (e.g., advancement of micro-grids) in particular energy sectors or end-use areas from other states in each of the regions. The key states will be determined based on relative level of market changes (e.g., expanded natural gas use, increased distributed generation, higher levels of energy efficiency) they are experiencing, as well as innovative actions they have taken aimed at impacting a particular energy sector. These actions include, for example, renewable electricity standards, expanded natural gas use, increased reliance on demand response, and adoption of stringent environmental goals or requirements.

The pilot program is being conducted through NASEO's Fuels and Grid Integration Committee in coordination with DOE-OE. NASEO will prepare a Request for Commitment (RFC) that will solicit a commitment from interested states in a roadmapping process. Selected states would receive modest funding and significant technical assistance to aid them in their efforts. The RFC will be issued in the Spring 2015. The pilot should provide valuable outcomes from state-driven, energy system planning processes supported with technical assistance from NASEO and DOE-OE. Results from the pilot states will be shared on an ongoing basis with all of the states and private sector energy partners.

Project Timeline

- Ongoing coordination with DOE-OE
- Solicit input on EMAP selection criteria and RFC from NASEO's Board (December 2014)
- Session at NASEO's February Conference to announce upcoming RFC (February 2015)
- Solicit input on RFS (February and March 2015)
- Release RFC (Spring 2015)
- Announce pilot states following selection process and final decision (Summer 2015)