



NASEO/NARUC Grid-Interactive Efficient Buildings (GEB) Working Group

With support from Pacific Northwest National Laboratory (PNNL) and the U.S. Department of Energy (DOE) Building Technologies Office, the National Association of State Energy Officials (NASEO) and the National Association of Regulatory Utility Commissioners (NARUC) will engage State Energy Officials and state utility regulators through a state Working Group to explore and discuss the status, technological trends, opportunities, and challenges of grid-interactive building integration. Through a series of state-DOE-industry calls and webinars, a planned Fall workshop, and ongoing coordination with NARUC, DOE, national labs, and the private sector, NASEO will help develop tools and resources to assist states interested in developing appropriate R&D, policy, programmatic, and regulatory activities; including briefing papers and scoping of a grid-interactive buildings roadmapping toolkit.

Benefit to States

This collaborative initiative will draw upon the collective expertise of state, federal, and industry leading stakeholders from around the country to provide insight, education, and resources that will benefit states through:

- Learning about GEB technologies, applications, and their scale and scope
- Identifying private and public sector expertise and resources
- Expressing state priorities, concerns, interests
- Identifying opportunities and impediments
- Informing federal, private, and state RD&D decisions
- Recognizing temporal and locational value of energy efficiency and other distributed resources
- Clarifying electric system (consumer and grid-facing) requirements
- Enhancing energy system reliability, resilience, and affordability
- Inform state planning, policy, regulations, and programs

Advancing Technology and Opening Opportunities

By enhancing state coordination and knowledge of grid-interactive building integration challenges and opportunities this initiative will facilitate the advancement of new technologies and the creation of new opportunities, including:

- More impactful and flexible load management
- Enhance energy efficiency
- Enhance environmental performance.
- Resilience benefits (to both grid and buildings/facilities)
- Resource optimization (building/facility, distribution, grid) and cost savings (to businesses, households, grid)

GEB State Working Group

The GEB State Working Group will consist of state energy office and public utility commission representatives from approximately 10 states as well as DOE representatives and other invited experts to:

- Inform states on GEB research, technology, implementation
- Identify state contexts that foster or hinder GEB
- Share state feedback on priorities, interests, concerns
- Identify information needs, gaps
- Inform RD&D priorities, potential pilots
- Facilitate ongoing engagement/exchange
- Resource development and offerings:
 - SEO/PUC oriented briefing papers
 - Scoping model GEB road mapping kit
 - Scoping potential state pilots
 - Working with states engage in distribution system planning

Participation

States interested in participating in the Grid-Interactive Efficient Buildings (GEB) Working Group can send their expression of interest to NASEO Senior Program Director Rodney Sobin at rsobin@naseo.org, **preferably by Thursday, February 28**, indicating a point-of-contact for your office. Additional information that would be helpful in developing Working Group direction and priorities would be welcome, such as your state's particular areas of interest and concern, and any pertinent efforts underway or contemplated (e.g., pilot projects and demonstrations, policy or regulatory activities, studies).

GEB Working Group Calendar

- February 5, 2019 – NASEO Policy Outlook Conference GEB State Working Group Session
- February 11, 2019 – NARUC Annual Meeting: GEB State Working Group Discussion
- **February 21, 2019 – State expression of interest due**
- March, 2019 – Quarterly GEB Stakeholder Engagement Call/Webinar
- March 2019 – Quarterly GEB state-DOE-Industry Call/Webinar
- Fall 2019 – GEB Workshop