



National Association of  
State Energy Officials

## NASEO Energy Security Committee Quarterly Newsletter December 30, 2022

### Upcoming Events:

- NASEO 2023 Energy Policy Outlook Conference, February 7-10, 2023 - Washington, DC
- NASEO State Energy Security Planning Bootcamp, April 5-7, 2023 - Louisville, KY
- New Mexico/Southwest Regional Exercise: Early May (TBD), 2023 - Santa Fe, NM

### In the News

#### **U.S. Department of Energy Tests Blockchain Technology to Increase Electric Grid Security**

Researchers at the U.S. Department of Energy Oak Ridge National Laboratory have developed a distributed communication framework that utilizes blockchain technology to increase grid resiliency by identifying anomalies that could lead to larger power disruptions. The framework demonstration revealed that operators can be notified of unauthorized system changes and determine whether an anomaly was caused by a cyberattack or a natural event. The project is funded by the Office of Electricity and more information about the blockchain demonstration can be found [here](#).

### Reports and Tools:

#### **NASEO Releases State Action Guide for Energy Resilience Programs Under FEMA's Building Resilient Infrastructure and Communities Program**

In November 2022, NASEO released a [Technical Guide for State Action Guide for Energy Resilience Projects Under FEMA's Building Resilient Infrastructure and Communities \(BRIC\) Program](#). A supporting [Quick Guide](#) captures the high-level components of the BRIC program for the energy sector. The action guides will provide readers with greater understanding of hazard mitigation planning for the energy sector; clarified, sequential, and user-friendly BRIC application instructions; peer tips and recommendations; and resources on a variety of subjects including cost-share, benefit-cost analysis, and project eligibility. A webinar introducing the action guides can be accessed [here](#).

#### **Hawaii State Energy Offices Launch Energy Data Portal**

On November 30, 2022, the Hawaii State Energy Office launched an [Energy Data Portal](#). The Energy Data Portal is a single source for energy related data that is accessible for all. The datasets have been curated from an array of data sources including federal, state, and county agencies, electric power utilities, and national laboratories. The Portal was supported by the U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy.

#### **West Virginia Office of Energy Release Regional Microgrid for Resilience Study**

In September 2022, the West Virginia Office of Energy (WVOE) released a Regional Microgrids for Resilience Study prepared for the state by the Smart Electric Power Alliance (SEPA), supported by the U.S. State Energy Program. The goal of the study was to provide WVOE with information on potential

areas to site microgrids to increase resilience, look at natural hazard risks to critical infrastructure and disadvantaged communities, assess available data on microgrid suitability and economic potential, and explore different state and federal funding opportunities. As a result, the report identified over 350 potential locations for microgrids across West Virginia that provide critical services and outlined potential next steps for WVOE. The complete report can be accessed [here](#).

**Pennsylvania Energy Programs Office Host Webinar for Improving Critical Facility Energy Resilience with Onsite Generation and Storage**

The Pennsylvania Energy Programs Office held a webinar on Improving Critical Facility Energy Resilience with Onsite Generation and Storage to promote a no-cost initial feasibility study for on-site energy generation and storage for critical facility. The webinar addressed many topics including how resiliency projects can maximize their impact for communities, and an overview of the differences between traditional backup systems, onsite generation, storage, and microgrids. To learn more about topic and the feasibility study, a pre-recorded webinar can be accessed [here](#).

**Argonne National Laboratory Announce Climate Risk & Resilience Portal**

On November 7, 2022, the U.S. Department of Energy Argonne National Laboratory in partnership with AT&T and the United States Department of Homeland Security's Federal Emergency Management Agency (FEMA) announced the launch of a [Climate Risk & Resilience Portal \(ClimRR\)](#). The ClimRR will allow users to explore simulated future climate conditions and that can support data-driven resiliency planning and future decision making.

*NASEO wants to highlight your success stories! Please share upcoming events, announcements, publications, and relevant news stories, in the next NASEO's Energy Security Committee Quarterly Newsletter. You may direct any submissions or feedback on the newsletter to Sarah Trent ([strent@naseo.org](mailto:strent@naseo.org)).*