



## ***Recently Developed Resources, Publications and Statements from NASEO***

### **1. U.S. State Energy Program**

Each year, NASEO collects brief examples of successful programs and projects states deliver using U.S. State Energy Program funds. These “[SEP Success Stories](#)” are provided to the states to share innovative ideas, and is shared with federal officials to demonstrate how these funds are being used. NASEO’s [SEP information page](#) also includes past program evaluations and historical SEP funding allocations to the states.

- [SEP Success Stories](#)
- [State Energy Program Information Page](#)

### **2. Congressional Testimony and Federal Comments**

In close coordination with NASEO’s Board of Directors, NASEO prepares written and oral comments on both Congressional and Administration proposals, legislation, and other actions on a regular basis, including the recent formal submissions listed below.

- [NASEO Testimony, U.S. Senate Energy and Water Development Appropriations Subcommittee](#) (April 2019)
- [NASEO Testimony, U.S. Senate Interior, Environment, and Related Agencies Appropriations Subcommittee](#) (April 2019)
- [NASEO Testimony, U.S. House Energy and Water Development Appropriations Subcommittee](#) (April 2019)
- [NASEO Testimony for the Senate Appropriations Committee, Subcommittee on Agriculture, Rural Development, and Food and Drug Administration](#) (March 2019)
- [NASEO Testimony before the House Interior, Environment, and Related Agencies Appropriations Subcommittee](#) (March 2019)
- [Multi-Organization Letter to Congressional Leadership in Support of Modern Codes and Standards](#) (February 25, 2019)
- [NASEO Comments on Request for Information DE-FOA-0002070: Efficient and Flexible Building Loads](#) (February 2019)

### **3. State Energy Planning**

NASEO serves as a resource to State Energy Offices as they develop comprehensive state energy plans. NASEO’s [Comprehensive State Energy Planning Guidelines](#) provide a step-by-step guide that states may follow as they develop an energy plan, and NASEO’s [State Energy Plan Database](#) is a repository of all current comprehensive state energy plans. In addition, NASEO provides one-on-one technical assistance to states throughout the planning process, such as memos that explore how issue-specific policies and programs have been/may be featured in plans,

recommendations for ways that states can engage stakeholders or collect and use data, and research on how other state energy offices, policies, and programs are funded and structured.

- [Comprehensive State Energy Planning Guidelines](#)
- [NASEO's State Energy Plan Database](#)

#### **4. Workforce Development and STEM**

NASEO and the Energy Futures Initiative produce the nation's only comprehensive data collection and analysis of U.S. employment covering all energy sectors – [The U.S. Energy and Employment Report](#). This resource is utilized by states, energy trade associations, and others to inform workforce development and energy policy and regulatory decision making.

- [U.S. Energy and Employment Report](#)

#### **5. Financing**

Building off of the success of last year's efforts with New Jersey and South Carolina, NASEO is working with the Energy Offices of Rhode Island and Tennessee on a new round of financing partnerships roundtables. The roundtables are designed to bring State Energy Officials together with other state agencies, NGOs, and private sector actors involved in energy financing to familiarize themselves with each other's work and deepen their connections to one another. The result of these roundtables will inform the creation of new financing programs, or the refinement of existing ones, through the establishment or continuation of partnerships between these stakeholders and the Energy Office. Additionally, NASEO has been leading the development of new guidance documents on foundational ESPC issues such as guidance on M&V, and has built consensus among the U.S. Department of Energy, the Energy Services Coalition, and the National Association of Energy Services Companies on the value of expanding and enhancing statewide ESPC programs best practices. This is reflected in the recently released "ESPC Principles" document.

- [NASEO-ESC-NAESCO State ESPC Program and Project Principles](#)
- [The Business Case for Applying M&V in State and Local Government ESPC Projects](#)
- [Energy Savings Performance Contracting for State and Local Governments: Strategies for Successful M&V](#)
- [Understanding your ESPC Savings Guarantee](#)

#### **6. Fuels and Grid**

State Energy Officials and State Energy Regulators are being challenged to create new approaches and solutions to the integration of a range of distributed energy resources (e.g., efficiency, storage, solar) and devices (e.g., EVs) with the electricity system. The National Association of Regulatory Utility Commissioners (NARUC) and NASEO partnered to advance state-led solutions through an initiative to assist states with electric distribution system planning. In addition, NASEO is working with State Energy Offices on a number of other electricity-related topics including solar best practices and examining how various states are addressing grid modernization issues.

- [NARUC-NASEO Comprehensive Electricity Planning Task Force](#)
- [USCA Solar Deployment Guidebook](#)

## 7. Buildings

NASEO is leading new initiatives in a number of innovative building efficiency and high-performance building areas, including labeling, zero energy building programs and policies, codes development and compliance, and examining the role of the buildings in electric grid optimization. In addition, NASEO recently launched the [NASEO-NARUC Grid-Interactive Efficient Buildings Working Group \(GEB\)](#). NASEO identified the emerging value proposition of delivering electricity supply and demand from buildings to the grid to optimize the economic and environmental performance of the electricity system as well as to enhance resilience. The NASEO-led GEB is focused on identifying and analyzing state building-grid integration options, policy and regulatory issues, and technology solutions. Under GEB, NASEO and DOE will develop three model pilots – residential, institutional, and commercial – for consideration by states and utilities for implementation.

Following are several recent activities and publications.

- [NASEO-NARUC Grid-Interactive Efficient Buildings Working Group \(GEB\)](#)
- [NASEO-NARUC Grid-interactive Efficient Buildings Working Group: GEB and Automated Demand Response Overview Webinar](#)
- [Home Energy Labeling: A Guide for State and Local Governments](#)
- [Energy Efficiency is Not Enough](#)
- [IECC Development Timeline](#)

## 8. Energy Security

Following the creation of DOE’s Office of Cybersecurity, Energy Security, and Response (CESER), NASEO increased efforts to elevate the role and needs of State Energy Offices and Public Utility Commissions in energy emergency preparedness and response. As a result, an office within CESER focuses on state and local governments, and NASEO is developing several new resources, including a foundational, online energy emergency training course, cybersecurity roles and responsibilities guidance, an emergency response playbook, and an accelerator focused on territory and remote communities’ energy emergency preparedness needs. Following are several recent publications.

- [Key State Energy Resilience Opportunities Under the Disaster Recovery Reform Act of 2018](#)
- [Guidance for States on Relief from Federal Motor Carrier Safety Regulations in an Energy Emergency](#)
- [Guidance for States on Petroleum Emergency Response Planning](#)

## 9. Transportation

NASEO continues to support State Energy Offices as they develop innovative policies and programs to advance EV adoption, identify opportunities to advance alternative fuel use under the Volkswagen Settlement, integrate alternative fuels into emergency planning, and explore the energy implications of smart mobility and autonomous vehicles. In addition, NASEO is providing administrative, facilitation, and analytical support to the Regional Electric Vehicle Plan

for the West signatory states, who are working together to coordinate EV infrastructure investment in the intermountain west. Following are several recent publications and resources.

- [PEV Policy Evaluation Rubric](#)
- [REV West Policy Baseline and Voluntary Minimum Standards Request for Information](#)
- [NASEO & NACAA VW Clearinghouse and VW Working Group](#)
- [Initiative for Resiliency in Energy through Vehicles \(iREV\)](#)

## **10. Energy and Water Nexus**

While not a formal, ongoing program, the challenge of increasing energy and water efficiency in the conveyance and use of water is a long-running challenge. Earlier this year, NASEO released “Beneath the Surface” This in-depth and significant NASEO publication covers a range of state and local solutions and considerations in water conveyance from irrigation, system leakage, wastewater treatment, and overall efficiency.

- [Beneath the Surface: Opportunities and Strategies to Improve the Energy Performance of State Water Conveyance, Treatment, and Irrigation Systems](#)