



## **NASEO 2019 Energy Policy Outlook Conference**

### ***Energy Infrastructure Modernization:***

### ***Seizing the Resilience Challenge***

Tuesday, February 5 – Friday, February 8, 2019

The Fairmont Hotel • 2401 M Street NW, Washington, DC 20037

### ***Pre-Conference Events***

#### **Tuesday, February 5, 2019 – Preconference Events**

1:00 p.m. – 2:30 p.m.

#### ***Concurrent Meetings***

- **U.S Department of Energy’s U.S. State Energy Program Competitive Meeting** (*Ballroom II, Ballroom Level*) (*Invitation Only*)

The U.S. Department of Energy’s Weatherization and Intergovernmental Programs Office will convene a meeting of states awarded under the U.S. State Energy Program competitive process.

#### **Presenter:**

Amy Kidd, Team Lead, Weatherization and Intergovernmental Programs Office, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy

- **Ensuring Energy Codes Support State Energy Policy Goals: Seizing the Moment** (*Decatur Room, Ballroom Level*) (*Open to all registered NASEO State, Territory, and Affiliate Members*)

This session will provide states with an overview of the importance of and process for participating in the energy code development process which is taking place this year. The code development process relies on participation from state and local government officials with responsibility for energy codes in their jurisdiction. NASEO is working to support increased participation by State Energy Offices and local jurisdictions to ensure that the next version of the energy code contributes to states’ energy and climate policy goals. The session will begin with presentations and move to a facilitated discussion.

**Moderator:**

Blake Shelide, Facilities Engineer, Oregon Department of Energy

**Presenters:**

Dan Bresette, Vice President, Policy, Alliance to Save Energy

Michelle Britt, Director, Energy Programs, International Code Council

Christopher Russell, Program Manager, State Buildings, Maryland Energy Administration

- **Applying Equity in Energy Policy and Program Development** (*Longworth Room, Ballroom Level*) (*Open to all registered NASEO State, Territory, and Affiliate Members*)  
This mini-workshop will focus on ways that states and their partners can more effectively reach underserved communities, as energy technologies, markets, financing, and incentives evolve. Results of the session will be used to guide NASEO's work with states on equity issues and the creation of a task force to encourage peer-to-peer assistance.

**Co-Moderators:**

Michelle Joy Gransee, State Energy Office Manager, Clean Energy and Programs, Minnesota Department of Commerce

Michael Furze, Assistant Director, Energy Division, Washington State Department of Commerce; Member, NASEO Board of Directors

**Presenter:**

Basav Sen, Project Director, Climate Policy, Institute for Policy Studies

2:45 p.m. – 4:15 p.m.

**Concurrent Meetings**

- **NASEO-NARUC Grid-Interactive Efficient Buildings Working Group: Goals and Engagement** (*Roosevelt Room, Ballroom Level*) (*Open to registered NASEO State, Territory, and Affiliate Members*)  
This working session will discuss the newly formed NASEO-NARUC Grid-Interactive Efficient Buildings Working Group's goals and options for state and private sector engagement. NASEO and the National Association of Regulatory Utility Commissioners (NARUC) are working with the U.S. Department of Energy to advance analysis, options, and pilots that address the role of buildings in delivering energy efficiency, demand reduction, and electricity supplies in ways that help to optimize grid performance and reliability.

**Moderator:**

Kaci Radcliffe, Energy Analyst, Oregon Department of Energy

**Presenters:**

Rodney Sobin, Senior Program Director, NASEO

David Nemtzow, Director, Building Technologies Office, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy

Danielle Sass Byrnett, Director, Center for Partnerships and Innovation, National Association of Regulatory Utility Commissioners

Natalie Mims Frick, Energy Efficiency Program Manager, Lawrence Berkeley National Laboratory

- **Transportation Committee Meeting** (*Ballroom II, Ballroom Level*) (*Open to all registered NASEO State, Territory, and Affiliate Members*)

The NASEO Transportation Committee will meet to discuss the latest State Energy Office actions in support of transportation efficiency, electric vehicles, and other alternative transportation fuels. Topics of discussion will include: vehicle-to-grid integration and storage applications; regional and multi-state electric vehicle coordination; Volkswagen Settlement updates; and state updates on transportation programs, policies, and initiatives.

**Committee Co-Chairs:**

Maria Redmond, Director, Office of Energy Innovation, Wisconsin Public Service Commission; Co-Chair, NASEO Transportation Committee; Member, NASEO Board of Directors

Alexa Voytek, Senior Program Manager/Energy Consultant, Office of Energy Programs, Tennessee Department of Environment and Conservation; Co-Chair, NASEO Transportation Committee

Kellen Schefter, Manager, Sustainable Technology, Edison Electric Institute; Affiliate Co-Chair, NASEO Transportation Committee

**Presenter:**

Chris Gearhart, PhD, Director, Transportation and Hydrogen Systems Center, National Renewable Energy Laboratory

3:30 p.m. – 4:15 p.m.

**NASEO Institute Meeting** (*Decatur Room, Ballroom Level*) (*Open to Institute Board Members*)

The NASEO Institute is the non-profit conference and state assistance organization affiliated with NASEO. The Institute's Board will meet to discuss financial progress, consider new state assistance activities, and review plans for NASEO's 2019 Annual Meeting.

4:30 p.m. – 5:45 p.m. (*Ballroom II, Ballroom Level*)

**NASEO Board of Directors Meeting** (*Open to NASEO State, Territory, and Affiliate Members*)

NASEO's Board of Directors Meeting will cover programmatic and administrative updates of the organization, as well as information on federal policy positions, Congressional and Administration actions, budget, and appropriations. All NASEO State, Territory, and Affiliate Members are encouraged to attend.

6:30 p.m.

**NASEO Concurrent Regional Meetings – *Working Dinners for Each Region*** (NASEO State, Territory, and Affiliate Members—advance reservation with NASEO required. Meetings are located offsite. See NASEO staff for details.)

The NASEO regional meetings provide an opportunity for states to meet with their colleagues to discuss programs and policies and share lessons learned. NASEO will host working dinners for each region for NASEO State and Territory Members at nearby venues.

#### **NASEO Southeast Regional Meeting**

- Rick Bender, Director, Kentucky Office of Energy Policy; Member, NASEO Board of Directors
- Kelley Smith Burk, Director, Office of Energy, Florida Department of Agriculture and Consumer Services; Member, NASEO Board of Directors

#### **NASEO Mid-Atlantic Meeting**

- David Althoff Jr., Director, Energy Programs Office, Pennsylvania Department of Environmental Protection; Member, NASEO Board of Directors
- Dr. Mary Beth Tung, Director, Maryland Energy Administration; Member, NASEO Board of Directors

#### **NASEO Northeast Regional Meeting**

- Judith Judson, Commissioner, Massachusetts Department of Energy Resources; Member, NASEO Board of Directors

#### **NASEO Midwest Regional Meeting**

- Maria Redmond, Director, Office of Energy Innovation, Wisconsin Public Service Commission; Co-Chair, NASEO Transportation Committee; Member, NASEO Board of Directors
- Tristan Vance, Director, Indiana Office of Energy Development; Member, NASEO Board of Directors

#### **NASEO Central Regional Meeting**

- Laura Rennick, Energy Bureau Chief, Montana Department of Environmental Quality; Member, NASEO Board of Directors
- Jason Lanclos, Director, Technology Assessment Division, Louisiana Department of Natural Resources; Member, NASEO Board of Directors

#### **NASEO Western Regional Meeting**

- Michael Furze, Assistant Director, Energy Division, Washington State Department of Commerce; Member, NASEO Board of Directors
- John Chatburn, Administrator, Idaho Governor's Office of Energy and Mineral Resources; Member, NASEO Board of Directors

# NASEO 2019 Energy Policy Outlook Conference

## ***Energy Infrastructure Modernization:***

### ***Seizing the Resilience Challenge***

Tuesday, February 5 – Friday, February 8, 2019

The Fairmont Hotel • 2401 M Street NW, Washington, DC 20037

## **Wednesday, February 6, 2019**

7:00 a.m. – 4:00 p.m. *(Ballroom Foyer, Ballroom Level)*

### **Conference Registration and Exhibit Hall**

7:00 a.m. – 8:00 a.m. *(Ballroom Foyer, Ballroom Level)*

### **Continental Breakfast**

8:00 a.m. – 8:05 a.m. *(Ballroom II, Ballroom Level)*

### **Welcome and Opening Remarks**

The opening session includes remarks from NASEO's Board leadership and a review of conference themes.

#### **Presenters:**

David Terry, Executive Director, NASEO

Dr. Andrew McAllister, Commissioner, California Energy Commission; Chair, NASEO Board of Directors

8:05 a.m. – 8:30 a.m. *(Ballroom II, Ballroom Level)*

### **Energy Legislation and the 116<sup>th</sup> Congress**

This legislative outlook session offers insights from a leading Member of the United States House of Representatives on what is ahead for energy appropriations, legislation, and more.

#### **Moderator:**

Dr. Andrew McAllister, Commissioner, California Energy Commission; Chair, NASEO Board of Directors

#### **Presenter:**

The Honorable Scott Peters, Member, United States House of Representatives

8:30 a.m. – 9:30 a.m. *(Ballroom II, Ballroom Level)*

### **Energy Resilience, Innovation, and Infrastructure: Legislative and Appropriations Outlook**

As bipartisan support for an infrastructure bill and a range of energy security and cybersecurity actions has grown over the last few months, NASEO and our partners have been engaged in advancing energy resilience, innovation, and infrastructure across a number of sectors –

buildings, grid, fuels, transportation, workforce. This outlook session provides a diverse set of views on paths forward, key elements, and likely outcomes in 2019.

**Moderator:**

Dub Taylor, Director, Texas State Energy Conservation Office; Co-Chair, NASEO Fuels and Grid Integration Committee; Parliamentarian, NASEO Board of Directors

**Presenters:**

Dr. Ariel Marshall, Senior Policy Advisor, Office of Senator Jeanne Shaheen  
Chester Carson, Senior Policy Advisor, Republican Staff, U.S. Senate Energy and Natural Resources Committee  
Mark Fowler, Senior Legislative Assistant, Office of Representative Peter Welch

9:30 a.m. – 10:00 a.m. (*Ballroom II, Ballroom Level*)

**DOE's Office of Energy Efficiency and Renewable Energy: New Priorities and Continued State-Federal Collaboration**

This presentation from the Office of Energy Efficiency and Renewable Energy's newly confirmed Assistant Secretary will provide the latest perspectives on evolving technology research priorities and public-private partnerships, as well as state-federal coordination aimed at reaching our shared goal of American clean energy leadership.

**Moderator:**

Dr. Laura Nelson, Governor's Energy Advisor, Utah Office of Energy Development; Vice-Chair, NASEO Board of Directors

**Presenter:**

Daniel Simmons, Assistant Secretary, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy

10:15 a.m. – 11:30 a.m.

**Concurrent Sessions**

- **Improving Reliability, Resilience, and Efficiency of the Nation's Electricity System**  
(*Ballroom I, Ballroom Level*)

Over the last few years the occurrence of extreme weather events and cyber threats to the nation's electric grid has increased and emphasized the issues of reliability, resilience, and efficiency of the bulk power system as well as local distribution systems. This session will look at the challenges and opportunities our nation currently faces to protect and improve the reliability and security of its power system and current actions being taken at the federal and state levels.

**Moderator:**

Tristan Vance, Director, Indiana Office of Energy Development; Member, NASEO Board of Directors

**Presenters:**

Anthony Fryer, Conservation Improvement Program Coordinator, State Energy Office, Minnesota Department of Commerce  
Travis Hinck, Project Manager, GDS Associates  
Paul McGlynn, Senior Director, System Operations, PJM Interconnection  
David Townley, Director, Public Policy, CTC Global

- **What the Disaster Recovery Reform Act Means for States, Cities, Mission Critical Facilities, and Energy Resilience** (*Roosevelt Room, Ballroom Level*)

Historic changes to the *Stafford Act* resulting from the Disaster Recovery Reform Act could usher in tremendous opportunities for states and cities to tap federal resources to use for integrating energy resilience elements – efficiency, renewables, storage, codes – with a range of pre- and post-disaster infrastructure investments. In addition, mission critical facilities such as military installations play key roles in their communities as America moves to improve community resilience and preparedness. This expert discussion focuses on recent changes to the *Stafford Act* that impact the electric sector as well as related community and facility resilience actions.

**Moderator:**

Kelley Smith Burk, Director, Office of Energy, Florida Department of Agriculture and Consumer Services; Member, NASEO Board of Directors

**Presenters:**

Bryan Howard, Legislative Director, U.S. Green Building Council and Green Business Certification, Inc.  
Patricia Hoffman, Principal Deputy Assistant Secretary, Office of Electricity, U.S. Department of Energy  
Michael McGhee, Executive Director, Office of Energy Initiatives, U.S. Army  
Ruth McCormick, Director, Federal and State Affairs, Business Council for Sustainable Energy  
Pamela Williams, Executive Director, Build Strong Coalition

11:45 a.m. – 12:45 p.m. (*Colonnade Room, Lobby Level*)

**Keynote Luncheon: Utilities and Energy Efficiency in a Distributed Energy Future**

**Moderator:**

Joanne Morin, Deputy Commissioner, Energy Policy, Planning and Analysis, Massachusetts Department of Energy Resources

**Presenter:**

Dr. Peter Fox-Penner, Director, Institute for Sustainable Energy, Boston University

1:00 p.m. – 2:00 p.m. *(Ballroom II, Ballroom Level)*

**Grid Modernization and Distributed Resource Integration: Evolving Ideas Aimed at Optimizing the Grid to Meet State, Local, and Utility Needs**

Across the country, grid modernization and utility business model discussions are underway. State officials, utility representatives, and private energy technology developers are wrestling with complex policy and regulatory decisions and attempting to keep up with rapidly evolving energy efficiency and other clean energy technology opportunities. The profound, long-term transformation of the electric industry is due to such factors as economics, customer expectations, technology advances, and federal, local, and state policies. This session offers expert views, advice, and the latest examples of progress in this critically important area.

**Moderator:**

Kristy Manning, Director, Division of Energy, Missouri Department of Economic Development

**Presenters:**

Dr. Karen Wayland, Principal, kW Energy Strategies

Adam Diamant, Technical Executive, Energy and Environmental Analysis Group, Electric Power Research Institute

Malcolm Woolf, Advisor, Advanced Energy Economy

Susan Mora, Director, Utility Initiatives, Exelon

2:00 p.m. – 2:45 p.m. *(Ballroom II, Ballroom Level)*

**Electricity, Oil, and Natural Gas: Critical Energy Infrastructure Resilience Coordination**

The electricity, oil, and natural gas industries are serving the nation's energy needs through a complex system of production and distribution. Over the past decade, these industries have made tremendous progress on enhancing energy emergency response and resilience through two critical coordinating organizations, the Electricity Subsector Coordinating Council and the Oil and Natural Gas Subsector Coordinating Council. Representatives of both industry councils will share their respective roles and priority recommendations for continued energy system reliability and resilience in the face of evolving physical and cyber threats.

**Moderator:**

Ben Bolton, Energy Programs Administrator, Office of Energy Programs, Tennessee Department of Environment and Conservation; Co-Chair, NASEO Energy Security Committee

**Presenters:**

Laura Schepis, Security and Preparedness, Edison Electric Institute; Representative, Electricity Subsector Coordinating Council

Kimberly Denbow, Senior Director of Security, Operations and Engineering Services, American Gas Association; Representative, Oil and Natural Gas Subsector Coordinating Council



Suzanne Lemieux, Manager, American Petroleum Institute; Representative, Oil and Natural Gas Subsector Coordinating Council

2:45 p.m. – 3:45 pm (*Ballroom II, Ballroom Level*)

**Climate Change: State, Local, and Private Sector Energy Adaptation and Mitigation Actions and Options**

Experts presenting in this session will discuss actions that state, local, and private sector leaders are taking, including planning for resilience, examining risk and insurance, and developing bolder energy-related goals and activities.

**Moderator:**

Michelle Joy Gransee, State Energy Office Manager, Clean Energy and Programs, Minnesota Department of Commerce

**Presenter:**

Sushma Masemore, Deputy Assistant Secretary for Environment and State Energy Director, North Carolina Department of Environmental Quality  
Chase Jones, Energy Conservation Coordinator, City of Missoula, Montana  
Brandon Peck, Director, Flywheel Government Solutions (*on behalf of Citizens for Responsible Energy Solutions*)

4:00 p.m. – 5:30 p.m.

**Concurrent NASEO Committee Sessions**

- **Energy Security Committee: Simplifying and Operationalizing Energy Emergency Response and Cybersecurity** (*Roosevelt Room, Ballroom Level*) (*Closed to Media*)  
Coordination among NASEO, NARUC, and the U.S. Department of Energy's Office Cybersecurity, Energy Security, and Emergency Response is evolving to better meet state needs and help to build the capacity of states to respond energy emergencies. This Energy Security Committee session will focus on understanding cybersecurity roles and information flows, practical cyber security actions states can take, and tools to help states, territories, and remote communities to simplify and operationalize emergency response.

**Committee Co-Chairs:**

Ben Bolton, Energy Programs Administrator, Office of Energy Programs, Tennessee Department of Environment and Conservation; Co-Chair, NASEO Energy Security Committee

Megan Levy, Energy Programs Manager, Office of Energy Innovation, Wisconsin Public Service Commission; Co-Chair, NASEO Energy Security Committee

**Presenters:**

*Cyber Coordination and Information Flow*

Kate Marks, Senior Advisor, Infrastructure Security and Energy Restoration Division, Office of Cybersecurity, Energy Security, and Emergency Response, U.S. Department of Energy

Lynn Costantini, PhD, Deputy Director, Center for Partnerships and Innovation, National Association of Regulatory Utility Commissioners

Matthew Duncan, Manager, Policy and Coordination, Electricity Information Sharing and Analysis Center, North American Electric Reliability Corporation

Jeffrey Pillon, Director of Energy Assurance, NASEO

*Local Community Resilience*

Sandy Fazeli, Managing Director for Policy, NASEO

Kelley Smith Burk, Director, Office of Energy, Florida Department of Agriculture and Consumer Services; Member, NASEO Board of Directors

- **Fuels and Grid Integration Committee: Electric System Planning, Modeling, and Carbon Capture, Sequestration and Utilization** (*Ballroom I, Ballroom Level*)

This Fuels and Grid Integration Committee discussion session will include news about the NARUC-NASEO Electricity System Planning Task Force and updates on advances in grid modeling capability, the U.S. Department of Energy's Grid Modernization Initiative, and carbon sequestration and modeling.

**Committee Co-Chairs:**

Dub Taylor, Director, Texas State Energy Conservation Office; Co-Chair, NASEO Fuels and Grid Integration Committee; Parliamentarian, NASEO Board of Directors

Chris Yunker, Energy Systems and Planning Branch Manager, Hawaii State Energy Office; Co-Chair, NASEO Fuels and Grid Integration Committee

Deana Dennis, Senior Manager, External and Government Affairs, Electric Power Research Institute; Affiliate Co-Chair, NASEO Fuels and Grid Integration Committee

**Presenters:**

*Comprehensive Electricity System Planning and Grid Modernization*

Joseph Paladino, Senior Advisor, Office of Electricity, U.S. Department of Energy

Dr. Laura Nelson, Governor's Energy Advisor, Utah Office of Energy Development; Vice-Chair, NASEO Board of Directors

Rodney Sobin, Senior Program Director, NASEO

Danielle Sass Brynnett, Director, Center for Partnerships and Innovation, National Association of Regulatory Utility Commissioners

*Updates on Carbon Capture and Utilization Modeling*

Dr. Charles Zelek, Senior Economist, Office of Fossil Energy, U.S. Department of Energy

*Visualization and Electric System Modeling*

Tom Harris, Project Manager, National Renewable Energy Laboratory  
Chris Yunker, Energy Systems and Planning Branch Manager, Hawaii State Energy Office; Co-Chair, NASEO Fuels and Grid Integration Committee

5:45 p.m. – 6:45 p.m. *(Ballroom Foyer, Ballroom Level)*

**Networking Reception**

**Thursday, February 7, 2019**

7:00 a.m. – 4:00 p.m. *(Ballroom Foyer, Ballroom Level)*

**Conference Registration and Exhibit Hall**

7:00 a.m. – 8:00 a.m. *(Ballroom Foyer, Ballroom Level)*

**Continental Breakfast**

8:00 a.m. – 8:15 a.m. *(Ballroom II, Ballroom Level)*

**Revitalizing Energy and Climate Policy: Insights from a Newly Elected Member of Congress**

Newly elected members of the U.S. House of Representatives have sought to cast a spotlight on energy and climate issues. This session will explore what may be in store for the 116th Congress as these new leaders take office.

**Moderator:**

Robert Jackson, Director, Energy Office, Michigan Agency for Energy; Past Chair, NASEO Board of Directors

**Presenter:**

The Honorable Andy Levin, Member, United States House of Representatives

8:15 a.m. – 9:15 a.m. *(Ballroom II, Ballroom Level)*

**People, Planet, Profit: Motivations and Mechanisms for Clean Energy Investment**

With green bonds, power purchase agreements, and corporate project ownership on the rise, 2018 represented a record-breaking year for clean energy investments. In this session, state, local, and corporate experts will highlight the plethora of policy and market mechanisms that are aiding clean energy procurement across the country, even in times of regulatory and political uncertainty and stalemate.

**Moderator:**

Dan Farrell, Energy Financing Program Manager, Division of Energy, Virginia Department of Mines, Minerals and Energy

**Presenters:**

Demetra McBride, Bureau Chief, Office of Sustainability and Environmental Management, Arlington County Department of Environmental Services  
Stan Blackwell, Director, Customer Service and Strategic Partnerships, Dominion Energy  
Miranda Ballentine, Chief Executive Officer, Renewable Energy Buyers Alliance  
Ashley Allen, Senior Manager, Climate and Land, Mars Corporation

9:15 a.m. – 9:30 a.m. (*Ballroom II, Ballroom Level*)

**NARUC-NASEO Comprehensive Electricity Planning Task Force**

NASEO and NARUC have partnered to create a new Joint Task Force on Comprehensive with the support of the U.S. Department of Energy's Office of Electricity and technical assistance from National Laboratories. Over the next two years this Task Force will help develop new approaches to better align distribution system planning and resource planning processes. State Task Force participants will be announced in this session.

**Moderator:**

David Terry, Executive Director, NASEO

**Presenter:**

Dr. Laura Nelson, Governor's Energy Advisor, Utah Office of Energy Development; Vice-Chair, NASEO Board of Directors

9:30 a.m. – 10:00 a.m. (*Ballroom II, Ballroom Level*)

**Mission Critical Facilities and Energy Savings Performance Contracting: Essential Tools and Practical Guidance**

Over the past year, NASEO and the U.S. Department of Energy have led an Energy Savings Performance Contracting (ESPC) Working Group in partnership with the Energy Services Coalition and National Association of Energy Services Companies, to develop concise, practical guidance for states and cities on critical ESPC issues such as measurement and verification guidance and key contract terms. This session presents a set of recommended ESPC guiding principles, *e-Project Builder* and other important information about new tools for ongoing ESPC program support.

**Moderator:**

David Terry, Executive Director, NASEO

**Presenters:**

AnnaMaria Garcia, Director, Weatherization and Intergovernmental Programs Office, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy

Dr. Timothy Unruh, Executive Director, National Association of Energy Service Companies  
Dale Hahs, State Liasion Team Manager, Energy Services Coalition

10:00 a.m. – 10:15 a.m. (*Ballroom Foyer, Ballroom Level*)

**Networking Break**

10:15 a.m. – 11:00 a.m. (*Ballroom II, Ballroom Level*)

**U.S. Department of Energy Outlook: Priorities, Budgets, and State Engagement**

This presentation from the leader of the U.S. Department of Energy's (DOE) Office of Electricity provides an outlook on the groundbreaking work underway at DOE's key grid modernization office. From energy storage to modeling to state analytical support focused on electric system planning, the Office of Electricity is critical to advancing electric system security, reliability, and affordability.

**Moderator:**

Molly Cripps, Assistant Commissioner, Office of Energy Programs, Tennessee Department of Environment and Conservation; Treasurer, NASEO Board of Directors

**Presenter:**

Bruce Walker, Assistant Secretary, Office of Electricity, U.S. Department of Energy

11:00 a.m. – 12:00 p.m. (*Ballroom II, Ballroom Level*)

**Energy Storage, Solar, and Efficiency: A Sustainable and Resilient Combination**

The advent of lower-cost energy storage options and solar is opening more and more grid optimization and climate-friendly electricity distribution system planning opportunities – from meeting demand to new “black start” power plant options. Across the board, a range of sustainable energy technologies and services are enhancing resilience in an economically and environmentally sustainable manner. This outlook session looks at the latest use cases and price trends and provides a special preview of the 2019 *Sustainable Energy in America Factbook*.

**Moderator:**

Dr. Andrew McAllister, Commissioner, California Energy Commission; Chair, NASEO Board of Directors

**Presenters:**

Kelly Speakes-Backman, Chief Executive Officer, Energy Storage Association  
Abigail Ross Hopper, President and Chief Executive Officer, Solar Energy Industries Association  
Lisa Jacobson, President, Business Council for Sustainable Energy

12:15 p.m. – 1:15 p.m. (*Colonnade Room, Lobby Level*)

**Keynote Luncheon: Corporate Clean Energy Leadership – Amazon's Sustainability Priorities**

**Moderator:**

Michael Furze, Assistant Director, Energy Division, Washington State Department of Commerce; Member, NASEO Board of Directors

**Presenter:**

Jake Oster, Public Policy, Energy and Environment, Amazon

1:30 p.m. – 2:00 p.m. (*Ballroom II, Ballroom Level*)

**Rural Energy Actions and the “New” Farm Bill: More Energy Financing and Assistance Options for Housing, Water, Communities and Rural Businesses**

Passage of the Farm Bill in late 2018 resulted in the continuation of many rural renewable energy, energy efficiency, and financing programs, as well as new opportunities for states and rural communities. This session looks at the new options and resources from the U.S. Department of Agriculture.

**Moderator:**

Joe Francis, Associate Director, Nebraska Department of Environmental Quality

**Presenters:**

Robert Coates, Electrician Engineer, Rural Development, Electric Program, Rural Utilities Service, U.S. Department of Agriculture  
Carol Werner, Executive Director, Environmental and Energy Study Institute

2:00 p.m. – 2:45 p.m. (*Ballroom II, Ballroom Level*)

**Innovation, Investment, Research and Development: CleanEnergy Technology Trends and Economic Development**

This session provides insights from leading clean energy technologists and investors that are advancing public-private research and development, commercialization, and deployment approaches to deliver innovation and economic development.

**Moderator:**

Cady Lister, Deputy Director and Chief Economist, Alaska Energy Authority

**Presenters:**

Robin Millican, Program Manager, Advocacy and Government Relations, Gates Ventures  
Mark Glick, Specialist, Hawaii Natural Energy Institute, University of Hawaii at Manoa  
Melanie Kenderdine, Principal, Energy Futures Initiative

2:45 p.m. – 3:15 p.m. (*Ballroom II, Ballroom Level*)

**Accelerating Solar: Crucial Strategies to Reduce Non-Hardware Development Costs**

The U.S. Climate Alliance and NASEO recently partnered to create an important guide for state and local governments to address innovative local solar market design through a review of best practices, sample local policy and programs, planning scenarios, and program models. This

session includes an overview presentation followed by a discussion of existing approaches to accelerating state and local solar development priorities.

**Moderator:**

Brian Selinger, Team Leader, Energy Division, Iowa Economic Development Authority

**Presenters:**

John Williams, Director, Energy Analysis, New York State Energy Research and Development Authority; Secretary, NASEO Board of Directors

Julie Cerquiera, Executive Director, U.S. Climate Alliance

3:15 p.m. (*Offsite*)

**U.S. Senate and House State Energy Briefings (*Invitation Only*)**

3:30 p.m. – 5:00 p.m.

**Concurrent Sessions**

- **Offshore Wind: The Giga Opportunity (*Roosevelt Room, Ballroom Level*)**  
Learn how state-federal-private cooperation is unleashing America's offshore wind gigawatt scale resource, and hear the latest from states, researchers, and investors on collaborative activities to deliver more for less. This roundtable session provides real time information on offshore wind state actions, as well as the opportunity to ask questions of federal and industry partners on the outlook for investment, research and development, and siting.

**Moderator:**

Dr. Mary Beth Tung, Director, Maryland Energy Administration; Member, NASEO Board of Directors

**Presenters:**

Judith Judson, Commissioner, Massachusetts Department of Energy Resources; Member, NASEO Board of Directors

Sara Bluhm, Director, Division of Clean Energy, New Jersey Board of Public Utilities

Kent Herzog, Competitive Transmission Manager, Burns and McDonnell

Dr. Alana Duerr, Wind and Water Power Technologies Office, U.S. Department of Energy

Matthew Morrissey, Head of New England Markets, Ørsted US Offshore Wind

Darryl Francois, Chief of Engineering and Technical Review, Bureau of Ocean Energy Management, U.S. Department of Interior

- **Seizing a Shared, Efficient, Electric, Autonomous Mobility Future through State-Led Solutions (*Ballroom I, Ballroom Level*)**  
States, cities and industry experts will discuss how electrification and artificial intelligence are changing what "mobility" means for growth, climate, and the grid. This

discussion-oriented session includes recent state program and policy actions, industry-city initiatives, and options for State Energy Offices and utilities to collaborate for regulatory change to advance vehicle electrification, mobility, and equity.

**Moderator:**

Maria Redmond, Director, Office of Energy Innovation, Wisconsin Public Service Commission; Co-Chair, NASEO Transportation Committee; Member, NASEO Board of Directors

**Presenters:**

Marie Whittaker, Interagency Director, Office of the Deputy Mayor for Planning and Economic Development, District of Columbia

John Kwant, Global Director, Mobility Matters, Ford Motor Company

Jessica Shipley, Associate, Regulatory Assistance Project

**Friday, February 8, 2019**

7:00 a.m. – 12:00 p.m. (*Ballroom Foyer, Ballroom Level*)

**Exhibit Hall**

7:00 a.m. – 8:00 a.m. (*Ballroom Foyer, Ballroom Level*)

**Continental Breakfast**

8:00 a.m. – 8:30 a.m. (*Ballroom II, Ballroom Level*)

**2019 U.S. Energy Employment Report: Data and Analysis Outlook for Energy Jobs in America**

This “early glimpse” presentation will show the initial findings and emerging trends from the 2019 U.S. Energy Employment Report sponsored by NASEO and the Energy Futures Initiative.

**Moderator:**

Dr. Sumesh Arora, Director, Energy and Natural Resources Division, Mississippi Development Authority

**Presenter:**

David Foster, Distinguished Associate, Energy Futures Initiative

8:30 a.m. – 9:30 a.m. (*Ballroom II, Ballroom Level*)

**Changing State Energy Policy and Regulatory Directions**

Hear the latest outlook from state energy leaders on energy policy and regulatory trends resulting from the historic fall elections and changing energy markets. This discussion-oriented session will include significant audience engagement and provide real time news from the states.



**Moderator:**

Dr. Andrew McAllister, Commissioner, California Energy Commission; Chair, NASEO Board of Directors

**Presenters:**

Michael Furze, Assistant Director, Energy Division, Washington State Department of Commerce; Member, NASEO Board of Directors  
Kerry Campbell, Environmental Program Manager, Energy Programs Office, Pennsylvania Department of Environmental Protection  
Kelley Smith Burk, Director, Office of Energy, Florida Department of Agriculture and Consumer Services; Member, NASEO Board of Directors

9:30 a.m.– 9:45 a.m. (*Ballroom Foyer, Ballroom Level*)

**Networking Break**

9:45 a.m. – 10:45 a.m. (*Ballroom II, Ballroom Level*)

**Scaling Zero Energy, Zero Emission and Passive Buildings: From Pilots to Market Transformation**

Six years ago, NASEO was the first national organization to lead the charge on advancing zero energy ready public facilities, schools, commercial structures, and homes. The U.S. Department of Energy and private-sector partners have made tremendous progress since that time on pilot efforts and technology solutions. This session provides the latest news on the tools and examples states and cities are using to build zero energy schools, “Passive House” affordable multifamily housing, and other facilities in order to meet climate and energy goals at little or no cost premium.

**Moderator:**

Kaci Radcliffe, Energy Analyst, Oregon Department of Energy

**Presenters:**

Sarah Zaleski, Senior Advisor, Building Technologies Office, U.S. Department of Energy  
Brandon Nicholson, Founding Principal, NK Architecture  
Stan Salwocki, Manager of Architecture and Engineering, Pennsylvania Housing Finance Agency

10:45 a.m. – 11:15 a.m. (*Ballroom II, Ballroom Level*)

**U.S. State Energy Program: Update and Plans for 2019**

This update session provides the latest news from the U.S. Department of Energy on the U.S. State Energy Program and Weatherization Assistance Program and offers the chance for states to engage with leadership of the Weatherization and Intergovernmental Programs Office.

**Moderator:**

Maureen Neighbors, Director, Energy Division, Alabama Department of Economic and Community Affairs

**Presenter:**

AnnaMaria Garcia, Director, Weatherization and Intergovernmental Programs Office,  
Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy

11:15 a.m. – 12:00 p.m. (*Ballroom II, Ballroom Level*)

**Washington Update: The President's Budget, Reauthorizations, and Federal Agency Actions**

This outlook session led by NASEO's General Counsel will provide the latest news on  
Congressional and federal agency priorities, appropriations, regulations, and infrastructure.

**Moderator:**

David Terry, Executive Director, NASEO

**Presenter:**

Jeff Genzer, General Counsel, NASEO

12:00 p.m. (*Ballroom II, Ballroom Level*)

**Wrap up and Adjourn**