



**NASEO's 2018 Energy Policy Outlook**  
*The Power of Energy Policy and Public-Private Partnerships*  
**Final Agenda**

Tuesday, February 6 – Friday, February 9, 2018  
The Fairmont Hotel • 2401 M Street NW, Washington, DC 20037

**Tuesday, February 6, 2018 – Preconference Events**

11:00 a.m. – 12:30 p.m.

**U.S. Department of Energy's U.S. State Energy Program Competitive Project Meeting**  
*(Longworth Room, Ballroom Level) (By Invitation only)*

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

1:00 p.m. – 2:30 p.m.

**Electrify America Roundtable** *(Ballroom II, Ballroom Level) (State and Territory Energy Offices Only)*

Electrify America has invited states and other stakeholders to provide comments, recommendations, and proposals for Cycle 2 National and California ZEV Investment Plans. During this session, Electrify America will review progress on their Cycle 1 ZEV Investment Plan, and will engage in a discussion with states on what should be considered for Cycle 2. This session is only open to State and Territory Energy Offices.

2:45 p.m. – 4:00 p.m.

**NASEO Regional Meetings** *(State and Territory and Affiliate Members Only)*

The NASEO regional meetings provide an opportunity for states to meet in-person with their colleagues to discuss program and policy implementation and share lessons learned. Each region will follow a meeting agenda tailored to the priorities of the states in the region.

- **NASEO Mid-Atlantic Regional Meeting** *(Dumbarton Room, Second Floor)*

*Moderators:*

David Althoff, Manager, Office of Pollution Prevention and Energy Assistance, Pennsylvania Department of Environmental Protection; Member, NASEO Board of Directors

Tommy Wells, Director, District of Columbia Department of Energy and Environment; Member, NASEO Board of Directors

- **NASEO Northeast Regional Meeting** (*Sulgrave Room, Second Floor*)

*Moderators:*

Dan Burgess, Deputy Commissioner and Chief of Staff; Massachusetts Department of Energy Resources

John Williams, Director, Policy and Regulatory Affairs, New York State Energy Research and Development Authority; Member, NASEO Board of Directors

- **NASEO Midwest Regional Meeting** (*Decatur Room, Ballroom Level*)

*Moderator:*

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

- **NASEO Central Regional Meeting** (*Roosevelt Room, Ballroom Level*)

*Moderators:*

Laura Rennick Andersen, Energy Bureau Chief, Montana Department of Environmental Quality; Member, NASEO Board of Directors

David Bracht, Director, Nebraska Energy Office; Member, NASEO Board of Directors

- **NASEO Southeast Regional Meeting** (*Linden Room, Second Floor*)

*Moderator:*

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

- **NASEO Western Regional Meeting** (*Longworth Room, Ballroom Level*)

*Moderators:*

Laura Nelson, Ph.D., Governor's Energy Advisor and Executive Director, Utah Governor's Office of Energy Development; Member, NASEO Board of Directors

Michael Furze, Assistant Director, Washington State Energy Office; Member, NASEO Board of Directors

4:15 p.m. – 5:45 p.m.

**NASEO Board of Directors Meeting** (*Ballroom II, Ballroom Level*) (*State and Territory and Affiliate Members Only*)

NASEO's Board of Directors Meeting will cover programmatic and administrative updates of the organization.

**Wednesday, February 7, 2018**

8:00 a.m. – 8:15 a.m.

**Welcome and Opening Remarks** (*Ballroom II, Ballroom Level*)

NASEO leadership will set the stage for this important meeting.

*Presenters:*

David Terry, Executive Director, NASEO

Robert Jackson, Director, Energy Office, Michigan Agency for Energy; Chair, NASEO Board of Directors; Chair, NASEO Government Affairs Committee

8:15 a.m. – 8:45 a.m.

**Powering America – Congressional Action and Legislative Outlook** (*Ballroom II, Ballroom Level*)

Over the past year, the U.S. House-passed, with leadership by the House Energy Subcommittee, H.R. 3050 to increase the states' abilities to support energy emergency preparedness, enhance cyber security in the energy sector, and promote hydropower. This federal legislative outlook session provides a leadership view of what's ahead for Congress in 2018.

*Moderator:*

Robert Jackson, Director, Energy Office, Michigan Agency for Energy; Chair, NASEO Board of Directors; Chair, NASEO Government Affairs Committee

*Presenter:*

The Honorable Fred Upton, Chairman, Energy Subcommittee, House Committee on Energy and Commerce

8:45 a.m. – 9:30 a.m.

**Historic Federal Tax Changes and The Impact on Private, State, and Local Energy Infrastructure Investments** (*Ballroom II, Ballroom Level*)

An historic tax bill is poised to significantly change energy-related economic development. This session will dig-in to the details of the tax bill, strategize on how best to craft (and recraft) public-private energy infrastructure investments, and provide actionable information for state and private energy decision makers engaged in program and project development.

*Moderator:*

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

*Presenters:*

John Hallacy, Contributing Editor, Bond Buyer  
Dan Aschenbach, Senior Vice President, Public, Project and Infrastructure Finance,  
Moody's Investors Service

9:30 a.m. – 9:45 a.m.

**Networking Break** (*Ballroom Foyer, Ballroom Level*)

9:45 a.m. – 10:45 a.m.

**The Power of Energy as a Service – A Sustainable, Integrated Approach to Public-Private Partnerships and Infrastructure Modernization** (*Ballroom II, Ballroom Level*)

A new approach to accessing and managing energy resources, efficiency, and resilience is emerging – energy as a service. This session examines the policies and agreements that are being utilized by government and private organizations in defining the market, establishing the value proposition, and setting expectations.

*Moderator:*

Meagan Meadows, Assistant Deputy Chief, Office of Community Assistance, Ohio  
Development Services Agency

*Presenters:*

Lloyd Kass, Vice President, Mid-Atlantic Region, Lime Energy  
Anna Pavlova, Vice President, Government Relations, Schneider Electric; Affiliates' Co-  
Chair, NASEO Board of Directors  
Shawn Bennett, Advisor, Office of Energy Assurance, United States Air Force

10:45 a.m. – 11:45 a.m.

**PURPA, Power Markets and State Authority – What's at Stake for States, Utilities, and Energy Investors** (*Ballroom II, Ballroom Level*)

States, utilities, investors, DOE, the Federal Energy Regulatory Commission (FERC) and others are examining the intersection between state energy policies and regulations and wholesale electricity markets. FERC's actions and those of the states may propel or stall innovation and could alter the long record of affordable, reliable power. Some 40 years ago, the Public Utilities Regulatory Policies Act (PURPA) was passed by Congress and it has been key to diversifying domestic electricity resources toward renewables. Will policy actions, rapid technological advancement, subsidies for nuclear power, renewable electricity standards, abundant natural gas, and consumer demands continue to change our electric system for the better or break it? This experts' discussion session will lay out key issues and engage the audience about the pressing power issues facing the states, utilities, consumers, businesses, and investors.

*Moderator:*

Scott Pugrud, Deputy Administrator, Idaho Governor's Office of Energy and Mineral  
Resources

*Presenters:*

Jennifer Murphy, Assistant General Counsel, National Association of Regulatory Utility Commissioners

Craig Glazer, Vice President, Federal Government Policy, PJM Interconnection

Jeff Dennis, Counsel, Wholesale Markets and Regulatory Affairs, Advanced Energy Economy

11:45 a.m. – 12:15 p.m.

**DOE Innovations in Carbon Management, Clean Coal, and Natural Gas Development and Utilization: Emerging Results and Research and Development Priorities** (*Ballroom II, Ballroom Level*)

This high-level information session provides news on the latest technology, research and development, and demonstration developments emerging from DOE's Office of Natural Gas and Office of Clean Coal and Carbon Management. These key DOE offices collaborate with states and conduct innovative public-private research and demonstration projects that range from producing useable water from CO<sub>2</sub> storage sites, to capturing rare earth elements from coal, to characterizing the potential for natural gas hydrates and LNG export expansion.

*Moderator:*

Vaughn Clark, Director, Community Development, Oklahoma Department of Commerce; Past Chair, NASEO Board of Directors

*Presenter:*

Robert Smith, Acting Deputy Assistant Secretary for Oil and Natural Gas, Office of Fossil Energy, U.S. Department of Energy

12:30 p.m. – 1:15 p.m.

**Networking Lunch** (*Kennedy Ballroom, Ballroom Level*)

1:30 p.m. – 3:00 p.m.

**Preparing Better, Recovering Faster: Resiliency, Reliability, and Energy Infrastructure Planning** (*Ballroom II, Ballroom Level*)

The devastating hurricanes of 2017 have left communities from Texas to the U.S. Virgin Islands in recovery mode. These events have also stimulated considerable debate among State Energy Officials, local leaders, and Members of Congress about the right way to prepare, rebuild, and mitigate physical, human, and cyber risks. This session looks at practical steps to enhance energy system resilience and provides insights on the types of partnerships and incentives that can build stronger communities and infrastructure.

*Moderator:*

Michael Furze, Assistant Director, Washington State Energy Office; Member, NASEO Board of Directors

*Presenters:*

Ariel Marshall, Ph.D., Senior Policy Advisor, Office of U.S. Senator Jeanne Shaheen  
Lou Hrkman, Policy Advisor, Office of U.S. Representative David McKinley  
Michael McGhee, Executive Director, Office of Energy Initiatives, U.S. Army  
Judsen Bruzgul, Ph.D., Senior Manager for Resilience, ICF International  
Leslie Wollack, Executive Director, National Association of Regional Councils

3:15 p.m. – 5:00 p.m. – **Concurrent Sessions**

- **Breakout 1 – Energy Storage, Renewable Power, and Demand Response: A 100% Solution?** (*Ballroom I, Ballroom Level*)

New technologies are being introduced that will result in dramatically greater energy storage capacity and significantly lower costs. Wind, hydro, solar, and other renewable resources are practical throughout much of the nation. And, a few states and cities are moving toward 100% renewable power goals coupled with grid-building demand strategies. This session will review new technologies being introduced to market and explore policies that can help or hinder infrastructure investment.

*Moderator:*

Andrew McAllister, Ph.D., Commissioner, California Energy Commission; Vice Chair, NASEO Board of Directors

*Presenters:*

Lola Infante, Ph.D., Director, Generation Fuels and Market Analysis, Edison Electric Institute  
Ray Hohenstein, Market Applications Director, Fluence Energy  
Brendan Owens, Senior Vice President, U.S. Green Building Council  
Charles Hernick, Director of Policy and Advocacy, Citizens for Responsible Energy Solutions Forum

- **Breakout 2 – What Every State Official Needs to Know About Petroleum Shortage Emergency Response, Fuel Diversity, and Planning** (*Roosevelt Room, Ballroom Level*)

This NASEO Energy Security Committee-hosted workshop provides lessons learned from the states' recent experiences with hurricanes and petroleum disruptions, as well as a step-by-step review of NASEO's *Guidance for States on Petroleum Shortage Emergency Response Planning and Preparedness*. The session marks the official release of this key planning guide for state energy and emergency officials, and also includes a briefing update from the U.S. Department of Energy and private sector partners.

*Moderator:*

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

*Presenters:*

Jeffrey Pillon, Director of Energy Assurance, NASEO

Ben Bolton, Energy Programs Administrator, Office of Energy Programs,  
Tennessee Department of Environment and Conservation

Devon Streit, Deputy Assistant Secretary, Infrastructure Security and Energy  
Restoration Division, Office of Electricity Delivery and Energy Reliability, U.S.  
Department of Energy

Matthew Duncan, State, Local, Tribal, and Territorial Energy Assurance Program  
Manager, Infrastructure Security and Energy Restoration Division, Office of  
Electricity Delivery and Energy Reliability, U.S. Department of Energy

Jeff Gunnulfson, Senior Director, Security and Risk Management, American Fuel  
and Petrochemical Manufacturers

- **Breakout 3 – State, City and Corporate Emission Commitments: How Does Energy Efficiency Fit for Meeting Criteria Pollutant Requirements and Climate Goals**

*(Longworth Room, Ballroom Level)*

Long before the Clean Power Plan, there were a host of challenging, important state and city clean air requirements and climate goals. While most states seek lower-cost means of complying with existing environmental rules, many states and cities are committing to action on greenhouse gases and, at the same time, corporate action on climate have gone aggressively mainstream. This session reviews tangible energy efficiency options and tools for helping meet air quality and emissions goals.

*Moderator:*

David Althoff, Manager, Office of Pollution Prevention and Energy Assistance,  
Pennsylvania Department of Environmental Protection; Member, NASEO Board  
of Directors

*Presenters:*

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

Megan O’Neil, Buildings Performance Program Manager, Mayor’s Office of  
Resilience, City of Atlanta, Georgia

Alli Gold Roberts, Senior Manager, State Policy, Ceres

Warren Cook, Energy Efficiency and Conservation Manager, Oregon Department  
of Energy

5:30 p.m.

**Networking Reception** *(Ballroom Foyer, Ballroom Level)*

## **Thursday – February 8, 2018**

8:00 a.m. – 8:30 a.m.

**Sustainable Energy in America Factbook 2018: Progress and Outlook** (*Ballroom II, Ballroom Level*)

The Business Council for Sustainable Energy, in partnership with Bloomberg New Energy Finance, will release the 2018 Sustainable Energy in America Factbook in the first quarter of 2018. This “early look” session provides the preliminary view of the numbers. In its sixth year, this annual resource outlines key trends influencing America’s energy supply, energy demand, and related investments.

*Moderator:*

Sumesh Arora, Ph.D., Director of Energy and Natural Resources Division, Mississippi Development Authority

*Presenter:*

Lisa Jacobson, President, Business Council for Sustainable Energy

8:30 a.m. – 9:15 a.m.

**The Future Is Now: Electric Vehicles and Infrastructure Considerations** (*Ballroom II, Ballroom Level*)

Electric vehicle adoption has gained momentum in recent months and is expected to accelerate rapidly in the near-future. During this keynote address, Tesla Motors will discuss their new vehicles – including their Class 8 all-electric truck – and will explore how EVs and infrastructure will impact grid development, community planning, and energy use in the years to come.

*Moderator:*

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

*Presenter:*

Patrick Bean, Associate Manager, Policy and Business Development, Tesla

9:15 a.m. – 10:15 a.m.

**Natural Gas Access –Policies and Actions in Support of Rural Economic Development, Fuel Diversity, and Affordability** (*Ballroom II, Ballroom Level*)

An increasing number of State Energy Policy plans and recommendations developed by State Energy Officials call for expanding access to natural gas, particularly in rural areas, in order to open economic development opportunities for manufacturing and provide greater fuel diversity options for consumers in underserved areas. This session will discuss the policy issues around valuing the expanded delivery of natural gas and explore considerations for engaging both utility commissions and communities. Priority discussion points for the session include available economic and energy analysis, key steps in moving from policy development to gas delivery, and lessons learned from stakeholder engagement.

*Moderator:*



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

*Presenters:*

Maeve Mason, Senior Energy Specialist, South Carolina Energy Office

William Senter, Division Vice President, Rates and Regulatory Affairs, Atmos Energy Corporation

Andreas Thanos, Gas Policy Specialist, Massachusetts Department of Public Utilities; Chair, Staff Subcommittee on Gas, National Association of Regulatory Utility Commissioners

10:30 a.m. – 11:45 a.m. – **Concurrent Sessions**

- **Breakout 1 – Rural Energy Affordability and Economic Development** (*Roosevelt Room, Ballroom Level*)

While many states and some federal programs, such as Rural Energy for America Program and Rural Utilities Service, operated by the U.S. Department of Agriculture, seek to address the energy needs of rural areas and small communities, resources are inadequate and new public-private options are required. This session introduces NASEO's Rural Energy Task Force and examines the results of a new study on rural energy cost burdens and needs. In addition, this session will explore strategies for reducing energy costs, increasing efficiency rural and small-town buildings, facilities, and operations, and catalyzing economic development in those areas.

*Moderator:*

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

*Presenters:*

David Bracht, Director, Nebraska Energy Office; Member, NASEO Board of Directors

Geoffrey Bristow, Regional Energy Manager, Pennsylvania Department of Environmental Protection

Annie Gilleo, Senior Manager, State Policy, American Council for an Energy-Efficient Economy

Robert Coates, Electrical Engineer, Rural Energy Savings Program, U.S. Department of Agriculture

- **Breakout 2 – VW Settlement: Prioritizing Program and Project Opportunities** (*Decatur Room, Ballroom Level*)

This fast-moving session includes the latest settlement news, and updates from state representatives on the status of their VW planning efforts and sector priorities. The facilitated "rapid updates" will allow participants to learn where particular states are in the planning process and will enable states to discuss planning and policy priorities.

*Moderator:*

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

*Presenters:*

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

Rick Bender, Executive Advisor, Kentucky Department of Energy Development and Independence

Jeremy Bennett, Energy Policy Advisor, Oklahoma Secretary of Energy and Environment

12:00 p.m. – 1:15 p.m.

**Keynote Luncheon: U.S. Department of Energy Priorities and Outlook** (*Kennedy Ballroom, Ballroom Level*)

*Moderator:*

Dub Taylor, Director, Texas State Energy Conservation Office; Treasurer, NASEO Board of Directors; Co-Chair, NASEO Fuels and Grid Integration Committee (*invited*)

*Presenter:*

Mark Menezes, Under Secretary of Energy, U.S. Department of Energy

1:30 p.m. – 2:30 p.m.

**Residential Energy Financing: Sorting through the Options for Policy and Program Success** (*Ballroom II, Ballroom Level*)

The country's aging housing stock presents a vast opportunity to deploy energy efficiency and renewable energy technologies in support of household cost savings, health, and comfort. Yet, the country's most successful residential energy financing program, having deployed billions through voluntary tax assessments placed on homes in just a few years, has sparked concerns over consumer protections and mortgage risks. This session will explore residential Property Assessed Clean Energy (PACE) as well as alternative models, including Title I Home and Property Improvement, energy-efficient mortgages, and On-Bill loans, to help states sort through the different financing program options from the governmental, banking, and electric utility sectors.

*Moderator:*

Jessica Burdette, State Energy Office Manager, Energy Efficiency, Assurance, and Operations, Division of Energy Resources, Minnesota Department of Commerce

*Presenters:*

Bruce Schlein, Vice President, Environmental Affairs, Citi

Dan Ticona, Manager, Affordable Lending Strategy, Freddie Mac

2:30 p.m. – 2:45 p.m.

**Networking Break** (*Ballroom Foyer, Ballroom Level*)

3:00 p.m. – 5:00 p.m.

**Electric Distribution System Revolution – Impacts, Benefits and Who Pays for What** (*Ballroom II, Ballroom Level*)

Building-grid integration, transportation electrification, AI-enabled energy management, community solar, and energy storage are converging. What are the system costs and benefits of these advances in technologies? What do companies entering the DG space need to access the grid, and what is a fair price for that access? What business, policy, and regulatory models are we moving toward? During this interactive, roundtable discussion, experts will present their ideas in four key areas, followed by a facilitated discussion with the audience aimed at identifying barriers, needs, and questions for further research.

*Moderators:*

Jeff Genzer, General Counsel, NASEO

Barbara Bauman Tyran, Executive Director, Government and External Relations, Electric Power Research Institute

*Presenters:*

Gene Rodrigues, Vice President, ICF International (*Power and Efficiency*)

Phil Jones, Executive Director, Alliance for Transportation Electrification (*Electric Vehicle Economics and Equity*)

Tanuj Deora, Executive Vice President and Chief Content Officer, Smart Electric Power Alliance (*Investments That Matter Most*)

Phil Moeller, Executive Vice President, Business Operations Group and Regulatory Affairs, Edison Electric Institute (*Distribution System Valuation*)

Karen Wayland, Ph.D., Executive Director, Clean Energy Project (*Distribution System Valuation*)

## **Friday – February 9, 2018**

8:30 a.m. – 9:30 a.m.

**DOE-EERE Priorities: Energy Efficiency Research and Development and Innovation** (*Ballroom II, Ballroom Level*)

This session provides the latest program, policy, and budget priorities from the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy in such key program areas as U.S. State Energy Program, Weatherization Assistance Program, Buildings, and the Federal Energy Management Program.

*Moderator:*

Laura Rennick Andersen, Energy Bureau Chief, Montana Department of Environmental Quality; Member, NASEO Board of Directors

*Presenters:*

Kathleen Hogan, Ph.D., Deputy Assistant Secretary for Energy Efficiency, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy

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

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

Leslie Nicholls, Acting Director, Federal Energy Management Program, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy

9:30 a.m. – 10:00 a.m.

**USEER 2018: Where are the Energy Jobs in America – Data and Analysis Outlook** (*Ballroom II, Ballroom Level*)

This “early glimpse” presentation will show the initial findings and emerging trends from the 2018 U.S. Energy Employment Report (USEER 2018), sponsored by NASEO and the Energy Futures Initiative.

*Moderator:*

John Williams, Director, Policy and Regulatory Affairs, New York State Energy Research and Development Authority; Member, NASEO Board of Directors

*Presenter:*

David Foster, Distinguished Associate, Energy Futures Initiative

10:00 a.m. – 11:30 a.m.

**Setting Energy Policy Priorities through State Energy Plans** (*Ballroom II, Ballroom Level*)

States conduct comprehensive energy planning at the direction of the Governor or Legislature to establish a strategy or policy recommendations to meet current and future energy needs in a cost-effective manner. As we approach the 2018 election cycle, many new and returning state leaders will move to update existing or develop new state energy plans and policies. This panel will explore how states have used comprehensive energy plans to identify energy policy priorities, use data-driven analytics to understand energy needs, and track progress toward achieving energy goals. Attendees will also see a demonstration of the Hawaii Advanced Visualization Environment Nexus (HAVEN), a tool developed by the Hawaii State Energy Office to support state energy planning efforts and help stakeholders better understand the policy choices and tradeoffs necessary for energy system transformation.

*Moderator:*

Tracy Babbidge, Bureau Chief, Connecticut Department of Energy and Environmental Protection

*Presenters:*

Chris Yunker, Energy Systems and Planning Program Manager, Hawaii State Energy Office

Michael Schwing, Energy Planning Manager, Hawaii State Energy Office

Andrea Holl Pfennig, Program Manager for Energy Outreach and Special Programs, Office of Energy Programs, North Dakota Department of Commerce

Angela Monroe, Deputy Director, Maine Governor's Energy Office

11:30 a.m. – 12:00 p.m.

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

*(Ballroom II, Ballroom Level)*

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

*Presenter:*

Jeff Genzer, General Counsel, NASEO

12:00 p.m.

**Wrap up and Adjourn** *(Ballroom II, Ballroom Level)*

*Presenter:*

David Terry, Executive Director, NASEO