



NASEO's 2015 Energy Policy Outlook Conference *Practical Energy Policies for Economic Growth*

Tuesday, February 3 – Friday, February 6, 2015
The Fairmont Hotel • 2401 M Street, NW, Washington, DC 20037

Preliminary Agenda

Tuesday, February 3, 2015 – Pre-Conference Events

8:00 am – 4:00 pm

Conference Registration (*Ballroom Foyer, Ballroom Level*)

9:30 am – 11:00 am

State Energy Office Director and Staff Training (*Ballroom I, Ballroom Level*)
(*NASEO State and Affiliate Members and Invited Guests Only*)

NASEO will provide foundational guidance on a range of key energy issues. This instructor-led workshop will serve as a forum for discussion and learning among State Energy Office directors and senior personnel. Topics include: Engaging in NASEO; Federal Appropriations and Legislative Process; Ten Things Every State Energy Office Needs to Know; U.S. State Energy Program Basics; and Leveraging Private Sector Expertise.

11:00 am – 1:00 pm

Corporations, Investors, and Clean Energy Workshop (*Longworth Room, Ballroom Level*)
(*State Energy Offices and Invited Corporate and Investment Representatives Only*)

Corporate energy consumers and their investors are increasingly focused on strategies to improve energy efficiency, procure renewable energy, and support policy and program frameworks that enable clean energy investments. This workshop, co-hosted by NASEO and Ceres, will feature a dialogue among State Energy Offices and Ceres members, including consumer brand companies and mutual fund companies. Key insights to be explored include: how corporations are procuring clean energy; how investors view these developments and the implications for the companies and utilities; and how state policies and programs support these efforts. Participants will include State Energy Offices and representatives from Calvert Investments, E Bay, Impax Asset Management, and other private firms. (Lunch will be provided).

1:00 pm – 3:00 pm

U.S. State Energy Program Competitive Project Meeting (*Ballroom I, Ballroom Level*)
(*State Energy Offices by Invitation Only*)

The U.S. Department of Energy's Office of Weatherization and Intergovernmental Programs meeting will convene State Energy Offices selected under the FY'14 U.S. State Energy Program (SEP) competitive process.

2:00 pm – 4:00 pm

Exhibitor Set-up (*Ballroom Foyer, Ballroom Level*)

3:00 pm – 5:00 pm (concurrent sessions)

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

The NASEO regional meetings will provide an opportunity for states to meet in-person with their colleagues in surrounding states to discuss program and policy implementation and share lessons learned. Each region will develop a meeting agenda tailored to the priorities of the states in the region. Contact NASEO staff to learn more about NASEO's regions and how your organization can participate in these meetings.

3:00 pm – 4:30 pm (concurrent sessions)

- NASEO Southeast Regional Meeting (*Ballroom I, Ballroom Level*)
- NASEO Mid-Atlantic Regional Meeting (*Sulgrave Room, Second Floor*)
- NASEO Northeast Regional Meeting (*Decatur Room, Ballroom Level*)

3:30 pm – 5:00 pm (concurrent sessions)

- NASEO Western Regional Meeting (*Longworth Room, Ballroom Level*)
- NASEO Central Regional Meeting (*Ballroom II, Ballroom Level*)
- NASEO Midwest Regional Meeting (*Dumbarton Room, Second Floor*)

5:15 pm – 6:30 pm

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

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

Wednesday, February 4, 2015 – NASEO Energy Policy Outlook Conference

7:00 am – 8:00 am

Continental Breakfast (*Ballroom Foyer, Ballroom Level*)

8:00 am – 8:15 am

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

Presenters:

David Terry, Executive Director, NASEO

Janet Streff, Manager, State Energy Office, Minnesota Department of Commerce; Chair,
NASEO
Representative, District Department of the Environment

8:15 am – 9:00 am

Federal Quadrennial Energy Review: Examining the Impacts of Energy Supplies, Markets, and Trends (*Ballroom II, Ballroom Level*)

The Federal Government's Quadrennial Energy Review (QER) – a U.S. Department of Energy-led, multi-agency, review and analysis of energy infrastructure modernization needs and opportunities – is set to be released just days before the NASEO Energy Policy Outlook Conference. This session offers an early, in-depth presentation on the findings and recommendations of the QER, state and private sector grid modernization opportunities, and federal-state efforts to enhance energy assurance and emergency response preparedness.

Presenter:

Dr. Ernest Moniz, Secretary, U.S. Department of Energy (*invited*)

9:00 am – 10:00 am

America is Kicking it's Imported Oil Habit – How Far and Fast Can We Go? (*Ballroom II, Ballroom Level*)

After a decade of decline, North American oil production is back on the rise. Auto manufacturers are bringing increasingly efficient, alternatively-powered vehicles to the market. And America's youth now favor transportation alternatives to driving. It all adds up to the kind of "positive perfect storm" America has hoped and worked for since the 1970s. Where's all of this good news headed? What can states and the private sector do to finish the job of ending America's imported oil dependence once and for all? This thought-leader session examines these important questions and what it means for state and federal policy and the future of transportation investments.

Presenters:

Representative, Bloomberg News

Ed Morse, Global Head of Commodities, Citi Research

Adam Sieminski, Administrator, U.S. Energy Information Administration

Ruben Sarkar, Deputy Assistant Secretary, Office of Transportation, U.S. Department of Energy (*invited*)

10:00 am – 10:15 am – *Networking Break (Ballroom Foyer, Ballroom Level)*

10:15 am – 11:30 am

Concurrent Sessions

- **Session One: Power Transmission, Storage and Distribution: Drilling Down on the QER** (*Ballroom I, Ballroom Level*)

Presenters:

Representative, The White House Office of Science and Technology Policy

Representatives, Office of Energy Policy and Systems Analysis, U.S. Department of Energy

- **Session Two: Renewable Power – The Outlook, Trend, and What's Happening Now** (*Roosevelt Room, Ballroom Level*)

Presenters:

DOE's Wind Vision – Twice (and more) The Opportunity

Representative, U.S. Department of Energy

Rooftop Solar Shines – Grid Parity in All 50 States by 2016?

Vishal Shah, Managing Director, Deutsche Bank (*invited*)

ERCOT is Making it Work– Texas' Record 29 Percent Wind Power Achievement

Representative, ERCOT

- **Session Three: Picking Up Speed for Alternative Fuel Vehicles** (*Decatur Room, Ballroom Level*)

Moderator:

Maria Redmond, Senior Analyst, Transportation Fuels, Wisconsin Energy Office (*invited*)

Presenters:

Tapping into CMAQ: How States are Using Congestion Mitigation Air Quality Funds to Deploy Alternative Fuel Infrastructure

Emily Biondi, Air Quality Specialist, Federal Highway Administration (*invited*)

Michael Scarpino, Energy Analysis and Sustainability Division, U.S. Department of Transportation (*invited*)

Jeff Ackermann, Director, Colorado Energy Office (*invited*)

Vehicle Market Outlook and Implications for State Policy

Nick Nigro, Senior Manager, Transportation Initiatives, Center for Climate and Energy Solutions

Alex Schroeder, Transportation Technology Deployment Manager, National Renewable Energy Laboratory (*invited*)

11:30 am – 12:00 pm

The Role of Nuclear Plants in our Modern Energy Policy (*Ballroom II, Ballroom Level*)

According to the U.S. Department of Energy, America will need 28 percent more electricity by 2040 which means building hundreds of new facilities to generate electric power.

During this session, hear a discussion focusing on the United State's energy portfolio and the value of existing nuclear energy plants. The conversation will address the economic, carbon-free and reliability benefits of nuclear energy, as well as the challenges facing the industry.

Presenter:

Evan Bayh, Former United States Senator; Co-Chair, Nuclear Matters

12:00 pm – 1:15 pm

Keynote Lunch: Modernizing America's Energy Policy and Ensuring Reliability (*Colonnade Room, Lobby Level*)

1:30 pm – 2:00 pm

State Energy Offices and Secondary Market Financing – WHEEL Opportunities (*Ballroom II, Ballroom Level*)

Nearly one year ago, the Energy Programs Consortium, NASEO, Renewable Funding, and Citibank formally launched the Warehouse for Energy Efficiency Loans (WHEEL) to create the first secondary market for unsecured residential energy efficiency financing. This session offers news on the experience to date and first-hand updates from State Energy Offices that are tapping this market-oriented model.

Presenters:

Representative, Warehouse for Energy Efficiency Loans

Representatives, State Energy Offices

2:00 pm – 2:45 pm

A Global Cyber-Crisis in Waiting (*Ballroom II, Ballroom Level*)

From cyber threat to cyber war, it's clear the national security and economic risks of an interconnected world with Internet-driven critical infrastructure systems – oil, natural gas, electricity, water, telecommunications, commerce – is changing the way America thinks about risks and vulnerabilities. National security expert and bestselling author Richard A. Clarke offers his views and the outlook for cyber security policy and priorities. Mr. Clarke served four Presidents including coordinating diplomatic efforts for President George H.W. Bush during the Gulf War and as Deputy Assistance Secretary for Intelligence under President Ronald Reagan. Most recently, he served on a five member expert panel created by President Obama to investigate the National Security Agency's domestic and foreign surveillance activities. This special session examines the cyber crisis, critical infrastructure, and what might be done about it.

Moderator:

David Terry, Executive Director, NASEO

Presenter:

Richard A. Clarke, Chairman and Chief Executive Officer, Good Harbor; Chairman of the Board of Governors, Middle East Institute

2:45 pm – 3:30 pm

Modernizing the Grid – Information Technologies, Renewables Integration, Active Distribution, and Holistic Planning (*Ballroom II, Ballroom Level*)

The U.S. Department of Energy continues to advance and focus grid modernization efforts through technology research to provide states with modeling and analytical assistance in the creation of more holistic planning approaches. This session provides a look at DOE's Office of

Electricity Delivery and Energy Reliability's leadership programs and opportunities to partner with states.

Presenter:

Patricia Hoffman, Assistant Secretary, Office of Electricity Delivery and Energy Reliability, U.S. Department of Energy

3:30 pm – 3:45 pm – *Networking Break (Ballroom Foyer, Ballroom Level)*

3:45 pm – 5:30 pm

Concurrent Committee Sessions

- **NASEO Energy Security Committee** (*Ballroom I, Ballroom Level*)

NASEO's Energy Security Committee convenes State and Territory Energy Offices, relevant federal partners, and industry stakeholders to discuss policies and programs related to energy assurance planning and preparedness. This meeting of NASEO's Energy Security Committee will include updates from DOE as well as presentations on a variety of energy security, reliability, and resiliency topics as it relates to states' planning and risk analysis activities.

Presenters:

Representative, Office of Electricity Delivery and Energy Reliability, U.S. Department of Energy

Representative, National Petroleum Council

Representative, Edison Electric Institute

Representative, Propane Education and Research Council

- **NASEO Financing Committee** (*Roosevelt Room, Ballroom Level*)

NASEO's Financing Committee identifies market barriers, engages private sector and program partners, and shares solutions for effective clean energy financing. This meeting will convene committee members for a dynamic discussion on energy efficiency, renewable energy, and energy infrastructure financing and potential opportunities for collaboration among the states and their private sector, federal, and local partners.

Committee Co-chairs:

Jeff Pitkin, Treasurer, New York State Energy Research and Development Authority

Al Christopher, Director, Energy Division, Virginia Department of Mines, Minerals and Energy

Presenters:

Legislative Update on Qualified Energy Conservation Bonds

Wesley Look, Advisory on Energy and Environment, U.S. Senator Ron Wyden, U.S. Senate Committee on Finance (*invited*)

Green Banks

Representative, Coalition for Green Capital
NASEO Financing Program Update and Discussion of Committee Priorities
Sandy Fazeli, Program Director, NASEO

5:30 pm – 6:30 pm

Networking Reception (*Ballroom Foyer, Ballroom Level*)

Thursday, February 5, 2015 – NASEO Energy Policy Outlook Conference

7:00 am – 4:00 pm

Conference Registration and Exhibit Hall (*Ballroom Foyer, Ballroom Level*)

7:00 am – 8:00 am

Continental Breakfast (*Ballroom Foyer, Ballroom Level*)

8:00 am – 8:45 am

What Does EPA’s Clean Power Plan Mean for Electric Reliability? (*Ballroom II, Ballroom Level*)

The Federal Energy Regulatory Commission (FERC) recently announced that it will hold a series of technical conferences to examine the impact of the U.S. Environmental Protection Agency’s (EPA) proposed Clean Power Plan on electricity reliability, markets, operations and infrastructure, highlighting the substantial, potential impact of EPA’s actions on the power system. This expert session reviews some of the key issues and concerns as states and utilities consider the long-term implications of 111(d).

Presenter:

Cheryl LaFleur, Chairman, Federal Energy Regulatory Commission

8:45 am – 9:15 am

The Future of Coal in a Carbon Constrained World (*Ballroom II, Ballroom Level*)

This session will include an overview of the activities of DOE’s Office of Clean Coal and Carbon Management, which includes work on clean coal and carbon management including carbon capture and storage technologies and its relevance to the pending EPA 111(d) regulations at the state level.

Presenter:

Dr. Julio Friedmann, Deputy Assistant Secretary for Clean Coal and Carbon Management, Office of Fossil Energy, U.S. Department of Energy

9:15 am – 10:00 am

Regional Transmission Operation: Planning for Change, Prepared for the Unexpected
(*Ballroom II, Ballroom Level*)

PJM Interconnection manages the electric grid in parts of thirteen states and the District of Columbia and handles the grid’s growing reliance on natural gas, increasing renewable energy production, cyber threats, environmental rules, and extraordinary weather events such as last

year's polar vortex. This session provides the latest news and outlook from America's largest grid operator.

Presenter:

Terry Boston, President and Chief Executive Officer, PJM Interconnection

10:00 am – 10:15 am – *Networking Break (Ballroom Foyer, Ballroom Level)*

10:15 – 11:45 a.m.

Concurrent Sessions

- **Session One: Multi-State Modeling Initiatives for 111(d) Compliance** (*Ballroom I, Ballroom Level*)

Independent system operators and regional transmission organizations (ISOs/RTOs) have conducted extensive modeling on the potential impacts of the EPA's proposed 111(d) rule. This session will explore insights and concerns the ISOs and RTOs have uncovered and will highlight opportunities and risks associated with various state and regional compliance approaches.

Presenters:

Representative, State Energy Office

Representative, Midcontinent Independent System Operator, Inc.

Representative, Southwest Power Pool

- **Session Two: State Energy Planning – Creating a Holistic Vision** (*Decatur Room, Ballroom Level*)

State energy planning continues to be a priority for governors and legislators from across the country. State Energy Offices are often tasked with orchestrating collaboration among various state agencies, local governments, utilities, and other industry stakeholders and developing plans that address energy policy in a truly comprehensive way. This session will explore different states' perspectives and viewpoints on the energy planning process.

Presenters:

Representatives, State Energy Offices

- **Session Three: Natural Gas – A Fuel for All Seasons, Sectors . . . and Exports?** (*Roosevelt Room, Lobby Level*)

The rapid and continued shift to natural gas for power generation, manufacturing, chemicals, microgrids, and transportation have produced tremendous economic development and emissions benefits. With the development of export facilities well underway, what will happen to prices and will the infrastructure build-out move fast enough to avoid an impact on states' economic growth? This session examines the global market forces at work and the federal and state policies that will continue to drive

demand for natural gas.

Presenters:

Kevin Kolevar, Vice President of Government Affairs and Public Policy, The Dow Chemical Company

Representative, Office of Fossil Energy, U.S. Department of Energy

Representative, American Gas Association

12:00 pm – 1:00 pm

Keynote Luncheon: U.S. EPA’s Clean Power Plan – Schedule, Regulator Hurdles and State Planning Efforts for 111(d) Compliance (*Colonnade Room, Lobby Level*)

In addition to providing EPA comments on the proposed 111(d) rule to regulate carbon emissions from existing power plants, a number of State Energy Offices, Public Utility Commissions, and Clean Air Agencies have advanced modeling and planning efforts to identify the costs and benefits of compliance options. This session will highlight several of these initiatives and identify strategies states have implemented to foster cross-agency coordination.

Presenter:

Representative, U.S. Environmental Protection Agency

1:15 pm – 2:45 pm

Understanding Privately Delivered (non-ratepayer) Energy Efficiency: The Lowest Cost 111(d) Compliance Opportunity (*Ballroom II, Ballroom Level*)

Over the past year, NASEO has worked with the states and the private sector to identify and advance privately delivered (non-ratepayer) energy efficiency compliance options under EPA’s proposed Clean Power Plan. While NASEO has not take a position on the proposed rule, we have identified private-sector driven programs, many of which are operated by the states, which can be tapped for win-win compliance pathways. This session explores both the “what” and the “how” as State Energy Offices and State Air Agencies consider next steps.

Presenters:

Ken Colburn, Senior Associate, Regulatory Assistance Project

Representative, Synapse Energy Economics

Representative, ESPC Coalition

Representative, Superior Energy Performance

2:45 pm – 3:15 pm

U.S. Green Building Council – Policy Priorities and Partnerships (*Ballroom II, Ballroom Level*)

The U.S. Green Building Council (USGBC) promotion of sustainability and energy efficiency through LEED and other efforts has long included the states as partners. This outlook session provides a view of USGBC’s priorities in the coming year in such key areas as schools, public buildings, codes, and zero net energy.

Presenter:

Roger Platt, President, U.S. Green Building Council (*invited*)

3:15 pm – 3:30 pm – *Networking Break (Ballroom Foyer, Ballroom Level)*

3:30 pm – 4:00 pm

A Total Energy Approach to Meeting State GHG and Renewable Energy Goals (*Ballroom II, Ballroom Level*)

Vermont recently completed its “*Total Energy Study*” which reached some interesting conclusions about meeting the state’s energy and greenhouse gas emissions reductions goals. This session reviews the modeled combinations of technology deployment and novel policy structures that Vermont is considering as they invest in the future.

Presenter:

Dr. Asa Hopkins, Director of Energy Policy and Planning, Vermont Department of Public Service

4:00 pm – 5:30 pm

Concurrent Committee Sessions

▪ **NASEO Buildings Committee** (*Roosevelt Room, Ballroom Level*)

NASEO’s Buildings Committee convenes State and Territory Energy Offices and NASEO Affiliates to discuss state and federal policies and programs related to energy use in buildings. This meeting of NASEO’s Buildings Committee will include presentations on a variety of buildings-related topics in the residential, commercial, and public building sectors. NASEO staff will also provide a brief update on upcoming projects and priorities in the buildings area.

Presenters:

Ian Finlayson, Deputy Director, Energy Efficiency Division, Massachusetts Department of Energy Resources

Representatives, Residential Buildings Integration Program, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy

▪ **NASEO Fuels and Grid Integration Committee** (*Ballroom I, Ballroom Level*)

The NASEO Fuels and Grid Integration Committee is the focal point for sharing of state, federal, and private sector activities related to the production, distribution, and consumption of electricity and liquid and gas fuels. The Committee helps to develop policy positions for consideration by NASEO’s Board, shares best program and policy practices among the states, and supports pilot projects and programs developed by NASEO, the State and Territory Energy Offices, and Affiliate members.

Presenters:

Janet Gellici, Executive Vice President and Chief Operating Officer, National Coal Council, Inc.

Representative, Office of U.S. Senator Schatz (D-HI)
Representatives, Office of Electricity Delivery and Energy Reliability, U.S. Department of Energy
Representative, Energy Storage Association
Representative, Bipartisan Policy Center

5:30 pm – 6:30 pm

NASEO Affiliate Members' Meeting (*Decatur Room, Ballroom Level*)

NASEO Affiliate members will convene to discuss partnership and promotional opportunities with NASEO and the State and Territory Energy Offices for the coming year. Contact NASEO staff to learn more about the benefits of Affiliate membership.

Presenter:

Sandy Fazeli, Program Director, NASEO

Friday, February 6, 2015 – NASEO Energy Policy Outlook Conference

7:00 am – 12:00 pm

Exhibit Hall (*Ballroom Foyer, Ballroom Level*)

7:00 am – 8:00 am

Continental Breakfast (*Ballroom Foyer, Ballroom Level*)

8:00 am – 8:30 am

U.S. State Energy Program and Weatherization Assistance Program Update and Priorities (*Ballroom II, Ballroom Level*)

This session will provide an update on the U.S. Department of Energy Office of Weatherization and Intergovernmental Programs (WIP) plans and priorities for 2015. Participants will learn more about the technical, policy, and financing assistance provided through WIP and planning direction for the U.S. State Energy Program and Weatherization Assistance Program.

Presenter:

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

8:30 am – 9:45 am

Water System Retrofits and Innovation in Regulation – Options to Maximize Energy Efficiency and Sustainability (*Ballroom II, Ballroom Level*)

A variety of organizations are stepping up to the opportunity to improve the energy efficiency and sustainability of America's water system – including fresh water and wastewater water treatment. From the U.S. Environmental Protection Agency's longstanding efforts to new U.S. Department of Energy and state programs, options abound. This session looks at both practical, near-term solutions for municipally owned water systems and policy and regulatory modernization to enhance private sector water system efficiency.

Presenters:

Representative, State Energy Office

Representative, Office of Wastewater Management, U.S. Environmental Protection Agency

Representative, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy

Representative, American Waterworks Association

9:45 am – 11:00 am

EERE Technology Programs Outlook and Opportunities (*Ballroom II, Ballroom Level*)

The U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy's (EERE) technology program offices offer a wide range of opportunities for federal and state partnerships with the private sector. Historically, formal and systematic communications efforts provided regularly connecting points between this critical applied research programs and the State Energy Offices. This priorities and opportunities session will provides attendees with concise, clear sense of partnership opportunities and potential areas for future collaboration.

Presenters:

Jonathan Male, Director, Bioenergy Technologies Program, Office of Transportation, U.S. Department of Energy (*invited*)

Jose Zayas, Director, Wind and Water Power Technologies Office, Office of Renewable Power, U.S. Department of Energy (*invited*)

Mark Johnson, Director, Advanced Manufacturing Office, Office of Energy Efficiency, U.S. Department of Energy (*invited*)

11:00 am – 11:15 am

Preliminary Results of NASEO's 2014 – 2015 Member Survey: What is the Current Landscape of State and Territory Energy Offices? (*Ballroom II, Ballroom Level*)

Preliminary results of the most comprehensive survey of the 56 State and Territory Energy Offices will be provided during this insightful session. The survey includes data on allocation of State Energy Office resources, projected budgets, priority work areas, staff size, program offerings and more. The initial results will be presented in national and regional aggregate form and a full report of the aggregated results will be made available to all NASEO members in a report expected in mid-2015.

Moderator:

David Terry, Executive Director, NASEO

Presenter:

Chuck Clinton, Senior Technical Advisor and Lead Regional Coordinator, NASEO

11:15 am – 12:30 pm

Washington Update and States Only Discussion (*Ballroom II, Ballroom Level*)

This session will focus on Congressional and Administration energy policy and appropriations and serve as a preparatory discussion for State Energy Offices participating in congressional and federal agency visits in the coming months. Participants will learn what may be in store for federal energy and environmental policy and explore the impacts of federal actions on energy policies and markets at the state level.

Presenter:

Jeff Genzer, General Counsel, NASEO

12:30 pm

Closing Remarks and Adjourn (*Ballroom II, Ballroom Level*)