



## **NASEO 2016 Annual Meeting September 11 – 14, 2016**

*Providence Biltmore – 11 Dorrance Street, Providence, RI 02903*

*\*The dress code for the Annual Meeting is business casual\**

### ***Preliminary Agenda***

#### **Sunday, September 11, 2016**

8:00 am – 4:30 pm (*L'Apogee 17, 17<sup>th</sup> Floor*)

##### **Conference Registration**

9:00 am – 10:00 am (*Renaissance Salon, 17<sup>th</sup> Floor*)

##### **State Technical Assistance Team Network: Helping to Inform States' Solar Policy and Technical Needs**

The National Renewable Energy Laboratory (NREL), in partnership with the State Technical Assistance Team, provides technical resources, data analysis, and other assistance to states to help inform their policymaking decisions. This session will provide an overview of NREL resources as well as an opportunity to scope State Energy Office technical assistance requests in real time.

Presenters:

Elizabeth Doris, Principal Laboratory Program Manager for State, Local, and Tribal Audiences, National Renewable Energy Laboratory

Ben Sigrin, Senior Engineer, Strategic Energy Analysis Center, National Renewable Energy Laboratory

Pieter Gagnon, Engineering Analyst, Strategic Energy Analysis Center, National Renewable Energy Laboratory

10:00 am – 11:30 am (*Salon 2 Room, 17<sup>th</sup> Floor*)

##### **Energy Efficiency Registry Project Team Meeting (*By Invitation Only*)**

The Tennessee Office of Energy Programs will hold a project team meeting on the Energy Efficiency Registry Project, which was selected under the FY'15 U.S. State Energy Program competitive process.

Presenter:

Molly Cripps, Director, Tennessee Office of Energy Programs; Secretary, NASEO Board of Directors

10:00 am – 2:00 pm (*L'Apogee 18, 18<sup>th</sup> Floor*)

##### **Residential Energy Labeling and Financing Workshop (*Open to all NASEO State, Territory, and Affiliate Members and Invited Guests*)**

Residential energy labeling policies and programs offer undeniable potential in terms of energy savings and cost benefits. Often these activities are best suited to transform the home energy market when paired with innovative financing mechanisms such as incentives, low-interest loans, credit enhancements, and emerging structures such as residential Property Assessed Clean Energy. The NASEO Buildings and Financing Committees will host a joint session to discuss ongoing efforts, progress that has been made, and future plans to integrate and advance these efforts.

Presenters:

David Terry, Executive Director, NASEO

Joan Glickman, Senior Advisor and Program Manager, Home Energy Score Program, Building Technologies Office, U.S. Department of Energy

Carolyn Sarno Goldthwaite, Senior Program Manager, Northeast Energy Efficiency Partnership

Bill Garber, Director of Government and External Relations, Appraisal Institute

Elyssa Roth, Director of Policy and Market Development, PACENation

Dave Carey, Principal, Harcourt Brown and Carey

Laura James, Senior Analyst, The Cadmus Group

Christian Williss, Director of Programs and Initiatives, Colorado Energy Office; Co-Chair, NASEO Buildings Committee

12:30 pm – 2:30 pm (*Renaissance Salon, 17<sup>th</sup> Floor*)

**U.S. State Energy Program Competitive Projects Meeting** (*State Energy Offices 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 FY'15 U.S. State Energy Program competitive process.

Presenter:

Amy Royden-Bloom, State Energy Program Manager, Office of Weatherization and Intergovernmental Programs, U.S. Department of Energy

2:00 pm – 4:00 pm (*L'Apogee 17, 17th Floor*)

**Exhibitor Set-up**

2:45 pm – 4:30 pm (*Concurrent Sessions*)

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

The NASEO regional meetings provide an opportunity for states and territories 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.

- **Northeast Regional Meeting** (*Salon 1 Room, 17<sup>th</sup> Floor*)  
Asa Hopkins, Director of Energy Policy and Planning, Vermont Department of Public Service; Member, NASEO Board of Directors  
Judith Judson, Commissioner, Massachusetts Department of Energy Resources; Member, NASEO Board of Directors
- **Mid-Atlantic Regional Meeting** (*Renaissance Salon, 17<sup>th</sup> Floor*)  
Marisa Slaten, Assistant Director, Division of Economic Development and Energy Policy, New Jersey Board of Public Utilities; Member, NASEO Board of Directors
- **Midwest Regional Meeting** (*Salon 2 Room, 17<sup>th</sup> Floor*)  
Tristan Vance, Director, Indiana Office of Energy Development; Member, NASEO Board of Directors  
Maria Redmond, Director, Office of Energy Innovation, Wisconsin Public Service Commission; Member, NASEO Board of Directors; Co-Chair, NASEO Transportation Committee
- **Southeast Regional Meeting** (*L'Apogee 18, 18th Floor*)  
Kelley Smith Burk, Director, Office of Energy, Florida Department of Agriculture and Consumer Services; Member, NASEO Board of Directors  
David Gipson, Director, Energy Resources Division, Georgia Environmental Finance Authority; Member, NASEO Board of Directors; Co-Chair, NASEO Energy Security Committee
- **Western Regional Meeting** (*State Suite B, 2<sup>nd</sup> Floor*)  
Andrew McAllister, Commissioner, California Energy Commission; Member, NASEO Board of Directors

- **Central Regional Meeting** (*State Suite C, 2<sup>nd</sup> Floor*)  
Paul Miller, Director of Energy, Technology Assessment Division, Louisiana Department of Natural Resources; Member, NASEO Board of Directors

4:45 pm – 6:00 pm (*L'Apogee 18, 18th Floor*)

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

NASEO's Board of Directors Meeting is open to NASEO State and Territory Energy Office and Affiliate members only and covers policy, programmatic, and administrative updates of the organization.

Presenter:

Robert Jackson, Director, Regional/National Response Division, Michigan Agency for Energy; Chair, NASEO Board of Directors

6:00 pm – 6:30 pm (*L'Apogee 18, 18th Floor*)

**NASEO Annual Business Meeting** (*NASEO State, Territory, and Affiliate Members Only*)

NASEO's Annual Business Meeting is open to NASEO State, Territory, and Affiliate members only and includes election of NASEO's Executive Officers and the review and approval of NASEO's FY'17 budget.

Presenters:

Robert Jackson, Director, Regional/National Response Division, Michigan Agency for Energy; Chair, NASEO Board of Directors

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

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

Donna Brown, Director of Accounting and Administration, NASEO

6:30 pm – 7:15 pm (*L'Apogee 17, 17th Floor*)

**NASEO Member Networking Reception** (*NASEO State, Territory, and Affiliate Members Only*)

NASEO State, Territory, and Affiliate members and conference sponsors are invited to mingle at this networking reception. Contact Sandy Fazeli ([sfazeli@naseo.org](mailto:sfazeli@naseo.org)) to learn more about Affiliate and sponsorship opportunities.

## **Monday, September 12, 2016**

7:00 am – 8:00 am (*L'Apogee 17, 17th Floor*)

**Continental Breakfast**

7:00 am – 4:00 pm (*L'Apogee 17, 17th Floor*)

**Conference Registration and Exhibit Hall**

8:00 am – 8:15 am (*Grand Ballroom, 17<sup>th</sup> Floor*)

**Welcome to the Ocean State and Opening Remarks**

This year's Annual Meeting marks NASEO's 30<sup>th</sup> anniversary of working with State and Territory Energy Offices to advance practical energy policies and programs. This opening session sets the stage for our conference and offers time for our Rhode Island State Energy Office hosts to share the Ocean State's latest efforts to secure a cost-effective and sustainable energy future.

Presenters:

David Terry, Executive Director, NASEO

Robert Jackson, Director, Regional/National Response Division, Michigan Agency for Energy; Chair, NASEO Board of Directors

Carol Grant, Commissioner, Rhode Island Office of Energy Resources

8:15 am – 8:30 am (*Grand Ballroom, 17<sup>th</sup> Floor*)

**Advancing Energy Independence, Clean Energy Investment, and Access to Affordable Energy**

The United States needs a balanced, forward thinking, national energy policy that creates jobs, reduces pollution, and helps consumers and businesses save money through improved efficiency and cleaner energy sources. During this session, hear how Senator Reed is working to shape a national energy blueprint for the future.

Moderator:

Carol Grant, Commissioner, Rhode Island Office of Energy Resources

Presenter:

The Honorable Jack Reed, Member, U.S. Senate Appropriations Subcommittee on Interior, Environment, and Related Agencies (*invited*)

8:30 am – 9:15 am (*Grand Ballroom, 17<sup>th</sup> Floor*)

**The Bright Future We Imagined is Arriving – 30 Years of State Energy Policy and Program Progress**

This year's NASEO Annual Meeting celebrates our 30<sup>th</sup> anniversary of working with states to share best practices in advancing practical energy policies and programs. Evidence abounds of dramatic change in every aspect of energy production, distribution, and end-use that has occurred since NASEO's founding. In that time, we have gone from a crippling oil embargo, limited natural gas supplies, and light bulbs that Thomas Edison designed, to fuel abundance, cleaner power, and more efficiency options than most imagined. The United States is now reported to have more economically recoverable crude oil than any other nation in the world, natural gas is amazingly abundant and affordable, terrestrial wind energy prices in wind-reach states are cheaper than most conventional power, roof-top solar installations are skyrocketing, more than thirty zero energy school buildings are being planned across the country, consumer enabled energy efficiency options are exploding as new technologies combine with cloud-based data analytics, and dozens of electric vehicle models are available from nearly every auto manufacturer in the world. What a difference 30 years makes when the states, industry, and our federal partners work together! This session takes a look backward and forward as NASEO turns 30.

Moderator:

Jeff Genzer, Counsel, NASEO

Presenters:

***States Call for the Creation of NASEO....The Founding in 1986***

Chuck Guinn, Former Deputy Commissioner, New York State Energy Office; Founding Chair, NASEO Board of Directors

Carol Tombari, Former Director, Texas State Energy Office; Founding Member, NASEO

Don Milsten, Former Director, Maryland Energy Office; Founding Member, NASEO

Chuck Clinton, Former Director, District of Columbia Energy Office; Founding Member, NASEO

***Navigating Change and Rebuilding...The Late 1990s***

Peter Smith, Former President and Chief Executive Officer, New York State Energy Research and Development Authority; Former Chair, NASEO Board of Directors

Maurice Kaya, Former Chief Technology Officer, Hawaii Department of Business, Economic Development and Tourism; Former Member, NASEO Board of Directors

Rich Sedano, Former Commissioner, Vermont Department of Public Service; Former Chair, NASEO Board of Directors

***Crisis, Recovery, and the Clean Energy Economy...The 2000s***

Lou Moore, Former Chief, Energy and Pollution Prevention Bureau, Montana Department of Environmental Quality; Former Member, NASEO Board of Directors

Frank Murray, Former President and Chief Executive Officer, New York State Energy Research and Development Authority; Former Member, NASEO Board of Directors

Janet Streff, Former Manager, State Energy Office, Division of Energy Resources, Minnesota Department of Commerce; Former Chair, NASEO Board of Directors

John Davies, Former Deputy Commissioner, Kentucky Department for Energy Development and Independence; Former Member, NASEO Board of Directors

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

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

Robert Jackson, Director, Regional/National Response Division, Michigan Agency for Energy; Chair, NASEO Board of Directors

9:15 am – 9:45 am (*Grand Ballroom, 17<sup>th</sup> Floor*)

**Mission Innovation and Clean Tech Commercialization**

Federal, state, and private sector coordination is not only critical to providing reliable and affordable energy across the United States, but also to ensuring American competitiveness in the global clean energy economy. Accelerating clean energy technology innovation is critical to supporting continued U.S. private sector leadership in the clean tech market. This session focuses on opportunities to leverage expertise, resources and partnerships among states, industry, universities, and the federal government, and includes the latest news on an important proposed initiative, Mission Innovation.

Moderator:

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

Presenters:

Kevin Knobloch, Chief of Staff, Office of the Secretary of Energy, U.S. Department of Energy  
Micaelah Morrill, Director, Manufacturing Initiative, Greentown Labs

9:45 am – 10:15 am (*Grand Ballroom, 17<sup>th</sup> Floor*)

**State Utility Regulators Embrace the Challenges of Grid Modernization, Distributed Resources and New Utility Business Models**

Increasingly, state utility regulators are called upon to address the challenges related to the changing nature of electric utilities from new technologies for operation of the grid, distributive customer-based energy resources, web-based usage and control technologies, and new utility business models. These new responsibilities will create opportunities for State Energy Offices to engage with their states' public utility commissions (PUCs) in crafting policies to ensure reliable and affordable electric service while encouraging the development and deployment of modern grid technologies, usage controls and devices, and distributed resources. This session will discuss how NASEO's cooperation with the National Association of Regulatory Utility Commissioners at the national level can guide relationships with the PUCs.

Moderator:

Robert Jackson, Director, Regional/National Response Division, Michigan Agency for Energy; Chair, NASEO Board of Directors

Presenter:

Greg White, Executive Director, National Association of Regulatory Utility Commissioners

10:15 am – 10:30 am (*L'Apogee 17, 17th Floor*)

**Break**

10:30 am – 11:45 am

***Concurrent Breakout Sessions***

- ***Session One: Energy and Multi-Pollutant Prevention: Meeting Environmental Requirements and Overcoming Barriers to Economic Development (Salon 2 Room, 17<sup>th</sup> Floor)***  
Energy and air quality linkages pose planning and policy challenges for states, which have to address energy affordability, reliability, and environmental impacts while complying with existing and prospective air quality regulations. Clean Air Act requirements tend to address air quality issues on a pollutant-by-pollutant basis. Yet, multi-pollutant prevention and abatement approaches can yield more economically and environmentally beneficial results. Various states are employing energy efficiency, demand management, and judicious application of equipment electrification, such as for port facilities, to yield significant environmental, health, and economic benefits. This session examines how some states are exploring multi-pollutant compliance options in support of economic and energy policy goals.

Moderator:

Hayley Book, Deputy Director, Policy Office, Pennsylvania Office of Pollution Prevention and Energy Assistance

Presenters:

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

Paul Miller, Director of Energy, Technology Assessment Division, Louisiana Department of Natural Resources; Member, NASEO Board of Directors

Ken Colburn, Principal, Regulatory Assistance Project

Matt Stanberry, Vice President, Advanced Energy Economy

- ***Session Two: Vehicles-to-Buildings-to-Grid Integration: A Policy and Technology Opportunity for Infrastructure Modernization and Resilience (Renaissance Salon, 17<sup>th</sup> Floor)***  
Over the next two decades, the nation's electric load is projected to shift dramatically toward the building and transportation sectors. Analytics and technologies are enabling greater synchronicity with the grid by ensuring our homes, offices, and facilities can be self-configuring, self-commissioning, self-learning, self-diagnosing, and self-transacting. Beyond those walls, the electrification of transportation and transit is placing even greater attention on how buildings, vehicles, and the grid interconnect and interact. This session will provide an overview of U.S. Department of Energy, private, state, and local efforts to lead the way in this exciting new arena – highlighting technological possibilities, market opportunities, policy imperatives, and program models.

Moderator:

Michael Winka, Senior Policy Advisor, New Jersey Board of Public Utilities – President's Office

Presenters:

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

Jennifer Wallace-Brodeur, Director of Transportation Efficiency, Vermont Energy Investment Corporation

Sachu Constantine, Director of Policy, Center for Sustainable Energy

Chris Baker, Principal, The Weidt Group; Affiliates Co-Chair, NASEO Buildings Committee

David Karmol, Consultant, International Code Council

12:00 pm – 1:15 pm (*Garden Room, 2<sup>nd</sup> Floor*)

**Keynote Luncheon: Building the U.S. Energy Economy with Transformative Science and Technology**

Throughout the U.S. Department of Energy (DOE), more than 115,000 scientists, engineers, analysts, policy makers, and other professionals work together to support wide-ranging initiatives to grow the economy, enhance security, and protect the environment. This session will share insights from the Department's helm on the extensive and ambitious goals, opportunities, and challenges that characterize DOE and its important interactions with the State and Territory Energy Offices.

Moderator:

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

Presenter:

Kevin Knobloch, Chief of Staff, Office of the Secretary of Energy, U.S. Department of Energy

1:30 pm – 2:00 pm (*Grand Ballroom, 17<sup>th</sup> Floor*)

**State Opportunities with EPA's Climate Protection Partnerships Division**

The U.S. Environmental Protection Agency's (EPA) Climate Protection Partnerships include energy efficiency and renewable programs such as ENERGY STAR, the Green Power Partnership, Combined Heat and Power Partnership, and the State and Local Climate and Energy Program, to name a few. Through investments in energy-efficient, clean alternative technologies and practices, EPA's Climate Protection Partnership programs are tackling the challenges of addressing climate change while improving our health, saving consumers money, and strengthening our economy. This session will inform attendees about a variety of ways to partner with EPA.

Moderator:

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

Presenter:

Carolyn Snyder, Director, Climate Protection Partnerships Division, Office of Air and Radiation, U.S. Environmental Protection Agency

2:00 pm – 2:30 pm (*Grand Ballroom, 17<sup>th</sup> Floor*)

**The Quadrennial Energy Review: Update and Opportunities for State Collaboration**

In undertaking the Quadrennial Energy Review (QER), the U.S. Department of Energy's Office of Energy Policy and Systems Analysis (EPSA) has taken on a critical leadership role to engage federal, state, community, and private sector partners across the country. This session will highlight EPSA's progress implementing the first installment of the QER (QER 1.1) and developing its second installment (QER 1.2).

Moderator:

Asa Hopkins, Director of Energy Policy and Planning, Vermont Department of Public Service; Member, NASEO Board of Directors

Presenter:

Karen Wayland, Deputy Director, State and Local Cooperation, Office of Energy Policy and Systems Analysis, U.S. Department of Energy

2:30 pm – 3:00 pm (*Grand Ballroom, 17<sup>th</sup> Floor*)

**Crosscutting Opportunities and Partnerships in the Office of Energy Efficiency and Renewable Energy**

This session will highlight the wide range of activities undertaken by the U.S. Department of Energy's Office of Strategic Energy Programs, which guides and supports cross-cutting legislative, communications, international,

analytical, stakeholder engagement, workforce, and technology-to-market activities across the Office of Energy Efficiency and Renewable Energy.

Moderator:

Elmo Roebuck, Director, U.S. Virgin Islands Energy Office

Presenter:

Robert Dixon, Director, Office of Strategic Programs, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy

3:00 pm – 3:45 pm (*Grand Ballroom, 17<sup>th</sup> Floor*)

**Time and Locational Value of Distributed Energy Resources – Methods and Applications**

Where distributed energy resources (e.g., solar and wind power) are installed and when it is used can influence how grid-edge power production technologies will impact a utility's distribution, and eventually, bulk power systems. During this session, panelists will present on a project that used the Electric Power Research Institute's Integrated Grid Benefit-Cost Framework, real-life data, and a power flow modeling system to quantify and monetize the potential spatial and temporal impacts of adding DER on distribution systems in New York and California.

Moderator:

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

Presenters:

Bruce Rogers, Technical Executive, Power Distribution and Utilization, Electric Power Research Institute  
Candice Tsay, Senior Planning Analyst, Distributed Resource Integration, Con Edison

3:45 pm – 4:00 pm (*L'Apogee 17, 17<sup>th</sup> Floor*)

**Break**

4:00 pm – 5:30 pm

**NASEO Concurrent Committee Sessions**

- ***NASEO Buildings Committee (Renaissance Salon, 17<sup>th</sup> Floor)***

During the session, the NASEO Buildings Committee will discuss the major policies and programs affecting building energy consumption, performance, and efficiency, including the role of State Energy Offices.

Co-Chairs:

Christian Williss, Director of Programs and Initiatives, Colorado Energy Office; Co-Chair, NASEO Buildings Committee

Laith Younis, Existing Buildings Unit, California Energy Commission; Co-Chair, NASEO Buildings Committee

Chris Baker, Principal, The Weidt Group; Affiliates Co-Chair, NASEO Buildings Committee

Presenters:

***State Energy Offices and ENERGY STAR: Tools, Resources, and Progress***

Leslie Cook, Public Sector Program Manager, U.S. Environmental Protection Agency ENERGY STAR

Brendan Hall, Public Sector Program Manager, U.S. Environmental Protection Agency ENERGY STAR



***2018 International Energy Code: Driving State Energy Office Priorities and Participation in Model Energy Code Development***

Ryan Meres, Senior Code Compliance Specialist, Institute for Market Transformation

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

Clayton Traylor, Policy Director, Leading Builders of America

***State Energy Leadership on Performance Contracting: eProject Builder and MEASURES Project***

Elizabeth Stuart, Principal Research Associate, Electricity Markets and Policy Group, Lawrence Berkeley National Laboratory

Kristofor Anderson, Energy Assurance Program Manager, Georgia Environmental Finance Authority

▪ ***NASEO Fuels and Grid Integration Committee (Salon 2 Room, 17<sup>th</sup> Floor)***

The NASEO Fuels and Grid Integration Committee examines state, regional, and federal initiatives to provide direction for NASEO's projects related to the production, distribution, and consumption of electricity and liquid and gas fuels. This session will include presentations on opportunities and policy implications of distributed energy resource deployment and insight into innovative federal fuel and grid modernization program initiatives.

Co-Chairs:

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

Chris Yunker, Energy Systems and Planning Program 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; Affiliates Co-Chair, NASEO Fuels and Grid Integration Committee

Presenters:

***Distributed Energy Resource Deployment Potential and Policy Implications***

Chris Cook, Principal, Solar Grid Storage

Ari Peskoe, Senior Fellow in Electricity Law, Harvard Environmental Policy Initiative, Harvard Law School

Ashley Brown, Executive Director, Harvard Electricity Policy Group, John F. Kennedy School of Government, Harvard University

Ben Sigrin, Senior Engineer, Strategic Energy Analysis Center, National Renewable Energy Laboratory

***Massachusetts Energy Storage Initiative***

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

***Federal Fuel and Grid Integration Policy and Program Initiatives***

Caitlin Callaghan, Chemical Engineer, Transmission Permitting and Technical Assistance Division, Office of Electricity Delivery and Energy Reliability, U.S. Department of Energy

- ***NASEO Financing Committee (L'Apogee 18, 18th Floor)***  
The NASEO Financing Committee facilitates state collaboration and peer learning on key energy efficiency and renewable energy financing mechanisms and tools at the state and local levels. During this meeting, Financing committee members will explore recent development in energy investment partnerships, green banks, and residential PACE.

Co-Chairs:

Jeff Pitkin, Treasurer, New York State Energy Research and Development Authority; Co-Chair, NASEO Financing Committee

Al Christopher, Director, Energy Division, Virginia Department of Mines, Minerals, and Energy; Co-Chair, NASEO Financing Committee

***Welcome and Roundtable Update***

Jeff Pitkin, Treasurer, New York State Energy Research and Development Authority; Co-Chair, NASEO Financing Committee

***Energy Investment Partnerships***

Jeff Schub, Executive Director, Coalition for Green Capital

Carol Grant, Commissioner, Rhode Island Office of Energy Resources

Jeffrey Diehl, Executive Director and Chief Executive Officer, Rhode Island Infrastructure Bank

***Residential Property Assessed Clean Energy Market and State Update***

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

Jewel James, Vice President for Market Expansion and Policy, Renovate America

5:45 pm – 6:45 pm (*L'Apogee 17, 17th Floor*)

**Networking Reception**

**Tuesday, September 13, 2016**

7:00 am – 8:00 am (*L'Apogee 17, 17th Floor*)

**Continental Breakfast**

7:00 am – 4:00 pm (*L'Apogee 17, 17th Floor*)

**Conference Registration and Exhibit Hall**

8:00 am – 8:45 am (*Grand Ballroom, 17<sup>th</sup> Floor*)

**What's Working – State Policy and Program Successes Leveraging U.S. State Energy Program, State, and Private Resources**

The U.S. State Energy Program is the only program administered by the U.S. Department of Energy that provides cost-shared resources directly to the states for allocation by the governor-designated State Energy Office for use in energy innovation, development, and demonstration activities. This session showcases examples of “what’s working” in various states.

Moderator:

Lisa Smith, Senior Planner, Maine Governor's Energy Office

Presenters:

Robert Jackson, Director, Regional/National Response Division, Michigan Agency for Energy; Chair, NASEO Board of Directors

Clint Fandrich, BioEnergy Analyst, Office of Energy Innovation, Wisconsin Public Service Commission

Karen Rantamaki, State Energy Manager, New Hampshire Department of Administrative Services

8:45 am – 10:00 am (*Grand Ballroom, 17<sup>th</sup> Floor*)

**Integrating Affordability and Equity with Energy Policies and Programs**

Energy costs place a significant burden on America's vulnerable communities, including working class families, minorities, low-income residents, the disabled, and others. This session aims to help State Energy Offices understand how to craft energy policies, programs and initiatives that incorporate and implement energy affordability, resilience, and equitable access in meaningful and impactful ways.

Moderator:

Andrew McAllister, Commissioner, California Energy Commission; Member, NASEO Board of Directors

Presenters:

Molly Lunn, Deputy Director for Energy and Recycling, Illinois Department of Commerce and Economic Opportunity

Abigail Corso, Chief Program Officer, Elevate Energy

Kerry O'Neill, Managing Director, Connecticut Green Bank

10:00 am – 10:15 am (*L'Apogee 17, 17th Floor*)

**Break**

10:15 am – 11:00 am (*Grand Ballroom, 17<sup>th</sup> Floor*)

**Options and Innovations with Zero Emission, Base Load Power Generation, An Underutilized Energy Resource**

Recent research has revealed an existing but underutilized power generation resource in a carbon constrained world: hydropower. With rising concerns about emissions from fossil fuel sources and continued need for base load generation, hydropower can become an attractive component of a diverse energy generation system. This session will cover recent advances which enable deployment of this power generation technology to become a factor in a diverse energy generation profile for a state. The panelists will discuss the actions that states can take to promote this clean energy resource.

Moderator:

Sean Skaling, Assistant Executive Director and Energy Policy Director, Alaska Energy Authority

Presenters:

Rebecca Blood, Vice President, Wexler Walker; Advisor, National Hydropower Association

Dana Hall, Deputy Director, Low Impact Hydropower Institute

11:00 am – 12:15 pm

***Concurrent Breakout Sessions***

- ***Session One: Classrooms as Community Clean Energy Beacons – How Our Schools are Advancing Learning, Best Building Energy Practices, and Economic Development (Renaissance Salon, 17<sup>th</sup> Floor)***  
K-12 schools are a playground for innovation in energy education, building energy management, energy-related economic development, and clean energy policies and programs. High-performance schools offer myriad benefits to students, parents, teachers, and the communities they serve. This session looks at how state and local governments have taken the lead or supported efforts to improve the health and performance in their states' school buildings, and advanced learning and local economies at the same time.

Moderator:

Carilyn Shon, Energy Conservation Program Manager, Hawaii State Energy Office

Presenters:

Heather Anderson, Business Integration Manager, Bosch Thermotechnology  
Jason Hartke, Program Manager, Commercial Buildings Integration, U.S. Department of Energy  
Rick Bender, Executive Advisor, Kentucky Department for Energy Development and Independence

▪ ***Session Two: Community Solar Utility Partnership Programs – What are the New Options for Serving Up Renewable Power at Competitive Prices (Salon 2 Room, 17<sup>th</sup> Floor)***

Utilities, states, and cities are moving community solar to the forefront with policies, planning, programs, and projects emerging at a rapid pace. The low-cost approach of aggregating installation at the community level is delivering renewable power with utility quality service that offers big grid resilience and measurable emissions reduction benefits. This session looks at the pathways a few states and utilities are taking to establish projects, offer broader access to renewable power, improve system resilience, and measure economic and environmental results.

Moderator:

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

Presenters:

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

Chris Kearns, Chief Program Development, Rhode Island Office of Energy Resources

Holly Hinman, Regulatory Policy Specialist, Xcel Energy

Fouad Dagher, Director, New Energy Solutions Team, National Grid

▪ ***Session Three: Smart Mobility – How Technological Innovations are Streamlining the Way We Move (L'Apogee 18, 18<sup>th</sup> Floor)***

Clean transportation is now synonymous with smart mobility, incorporating alternative fuel vehicles with information technology systems, ride hailing services, car sharing, and enhanced bike/ped services to streamline the way we travel. This session will explore how new smart mobility concepts are being introduced in cities and states, and will examine the energy impacts and expectations of new technologies on our transportation and energy system.

Moderator:

Mary Beth Tung, Director, Maryland Energy Administration

Presenters:

*Car-to-X Technologies, Automated Parking, and Smart Fleet Management: Somerville's Partnership with Audi*

Janne Corneil, Principal and Owner, Corneil Collaborative

*TRANSNET: Reducing Energy Use Through Intelligent Transportation Systems and Transportation Planning*

Carlton Reeves, Technology-to-Market Advisor, Advanced Research Projects Agency-Energy, U.S. Department of Energy

*Highlights from the U.S. Department of Transportation's Smart Cities Finalists*

Amy Lopez, Director of Corporate Engagement, Securing America's Future Energy

12:30 pm – 1:30 pm (*Garden Room, 2<sup>nd</sup> Floor*)

**Keynote Luncheon: Energy Security in the 21st Century**

Oil dependence exacts a tremendous toll on American economic and national security—a challenge that can only truly be solved by diversifying the transportation sector away from oil. While significant strides have been made in recent years to improve U.S. energy security, progress must continue, and states are in a position to lead. During this session, General James T. Conway, 34<sup>th</sup> Commandant of the Marine Corps and Co-Chair of the Energy Security Leadership Council, will discuss how alternative fuels and efficiency measures can enhance energy security, and will explore ways that states and the federal government can work with the private sector to support alternatives.

Moderator:

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

Presenter:

General James Conway, 34<sup>th</sup> Commandant, U.S. Marine Corps (Ret.); Co-Chair, Energy Security Leadership Council

1:45 pm – 2:30 pm (*Grand Ballroom, 17<sup>th</sup> Floor*)

**Pecha Kucha Post Lunch Punch – A Fast Paced Look at Energy Ideas Everyone Should Know About**

In the Pecha Kucha presentation style, there will be a total of 20 slides shown for 20 seconds each to tell a concise, curated, and dynamic story of new energy ideas.

Moderator:

Laura Andersen, Energy Bureau Chief, Montana Department of Environmental Quality

Presentations:

*The Importance of Natural Gas in Multifamily Energy Efficiency*

Charlie Haack, Manager, ICF International

*Engaging in Public-Private Partnerships with Corporations and Investors*

Alli Gold Roberts, Manager, Policy Program, Ceres

*How Effective is Benchmarking?*

Patrick Hughes, Senior Director of Government Relations, National Electrical Manufacturers Association

*Data Visualization in Energy Market Transformation*

Betsy Glynn, Northeast Regional Manager, Center for Sustainable Energy

*Communities Navigating Energy Savings Performance Contracting*

Megan Levy, Local Energy Programs Manager, Office of Energy Innovation, Wisconsin Public Service Commission

2:30 pm – 3:15 pm (*Grand Ballroom, 17<sup>th</sup> Floor*)

**U.S. State Energy Program and Weatherization Assistance Program Update**

This session will present an update on guidance and priorities, as well as technical assistance offerings from the U.S. Department of Energy's Office of Weatherization and Intergovernmental Programs, which oversees the U.S. State Energy Program and Weatherization Assistance Program.

Moderator:

Molly Cripps, Director, Tennessee Office of Energy Programs; Secretary, NASEO Board of Directors

Presenter:

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

3:15 pm – 3:45 pm (*Grand Ballroom, 17th Floor*)

**Alternative Fuel Spotlight: Propane Advancing Communities**

Propane autogas technology offers communities multiple important outcomes, including air quality improvements, noise pollution reductions, fuel price stability, and resiliency. These benefits become all the more crucial in schools, where propane investments can help improve students' health and reduce operational costs for cash-strapped districts. This session will highlight an innovative grant program from the Indiana Office of Energy Development, which worked with private partners and school districts to support the purchase of 49 propane school buses. It will also cover strategies that other State Energy Offices can use to promote the deployment of this important alternative fuel.

Moderator:

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

Presenters:

Roy Willis, President and Chief Executive Officer, Propane Education and Research Council

3:45 pm – 4:00 pm (*L'Apogee 17, 17th Floor*)

**Break**

4:00 pm – 5:30 pm

**NASEO Concurrent Committee Sessions**

- ***NASEO Transportation Committee (Renaissance Salon, 17<sup>th</sup> Floor)***

NASEO's Transportation Committee seeks to advance energy efficiency and decrease greenhouse gases in the transportation sector. This year's Committee meeting will highlight new transportation-sector Affiliates and federal alternative fuel and electric vehicle programs, and will feature a roundtable discussion of the recent Volkswagen settlement and Alternative Fuel Corridor designation process.

Co-Chairs:

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

Alexa Voytek, Program Manager, Tennessee Office of Energy Programs; Co-Chair, NASEO Transportation Committee

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

Presenters:

***Affiliate's Corner: Fuel Cell Market and Opportunities for States***

Morry Markowitz, President, Fuel Cell and Hydrogen Energy Association

***Initiative for Resiliency in Energy through Vehicles Update***

Ruth Horton, Consultant, NASEO

***Clean Cities: Best Practices from State Energy Office-Clean Cities Collaboration***

Linda Bluestein, National Clean Cities Co-Director, U.S. Department of Energy

***Loan Guarantees for Electric Vehicle Chargers***

Nidhi Thakar, Senior Advisor, Loan Program Office, U.S. Department of Energy

***Roundtable Discussion: Volkswagen Settlement, Alternative Fuel Corridors, and Updates from the States***

Moderated by Transportation Committee Co-Chairs

- ***NASEO Energy Security Committee (Salon 2 Room, 17<sup>th</sup> Floor)***  
NASEO's Energy Security Committee provides a forum for State Energy Offices, Affiliate members, and key partners to discuss how states are partnering with federal agencies and the private sector to advance energy risk assessment, emergency response, and resiliency policies and programs. This meeting will explore the current threat environment and how organizations are looking to address those threats.

Co-Chair:

David Gipson, Director, Energy Resources Division, Georgia Environmental Finance Authority;  
Member, NASEO Board of Directors; Co-Chair, NASEO Energy Security Committee)

Presenters:

***Cybersecurity for Resource-Constrained Utilities: How Rural Electric Cooperatives Are Tackling the Issue***

Craig Miller, Chief Scientist, National Rural Electric Cooperative Association

***Electromagnetic Pulse and Intentional Electromagnetic Interference: Threats to the Power Grid***

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

***Threats to the Energy Environment and Federal Initiatives to Address Them***

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

***Energy Security Program Updates and Discussion***

Jeff Pillon, Director of Energy Assurance, NASEO

Fred Hoover, Senior Program Director, NASEO

## **Wednesday, September 14, 2016**

7:00 am – 8:00 am (*L'Apogee 17, 17th Floor*)

### **Continental Breakfast**

8:00 am – 8:30 am (*Grand Ballroom, 17<sup>th</sup> Floor*)

### **Washington Update – Congressional and Federal Agency Actions**

This valuable update session will provide the latest news on Congressional and federal agency priorities, and the outlook for post-election actions. Based on the presentations and discussions over the previous two days, this session will also help to “connect the dots” between changes in Washington and potential impacts on states’ policy and program plans for the coming year.

Moderator:

David Terry, Executive Director, NASEO

Presenter:

Jeff Genzer, Counsel, NASEO

8:30 am – 9:00 am (*Grand Ballroom, 17th Floor*)

**Administration Transition Recommendations**

NASEO leaders and staff will outline key recommendations developed by the organization's Transition Task Force. This session will cover strategies that may assist future administrations in partnering with and leveraging the State Energy Offices to advance shared priorities and goals.

Moderator:

Robert Jackson, Director, Regional/National Response Division, Michigan Agency for Energy; Chair, NASEO Board of Directors

Presenters:

Tristan Vance, Director, Indiana Office of Energy Development; Member, NASEO Board of Directors  
Barbara Bauman Tyran, Executive Director, Government and External Relations, Electric Power Research Institute  
Jeff Genzer, Counsel, NASEO  
David Terry, Executive Director, NASEO

9:00 am – 9:15 am (*Grand Ballroom, 17th Floor*)

**End of NASEO Annual Meeting Sessions. Attendees who have registered for the Offshore Wind Atlantic Ocean Tour (*additional fee required*) will depart on buses**

9:15 am – 2:30 pm – *Off Site Session – Advanced Registration Required*

(Visit <http://annualmeeting.naseo.org/block-island-site-visit> for more information)

**All Hands on Deck – A Ship-Board, Atlantic Ocean Session and Tour of the First U.S. Offshore Wind Farm**

The launch of new U.S. Department of Energy offshore wind energy demonstrations and the opening of Rhode Island's Block Island Wind Farm may usher in a new era of clean power for coastal areas across the country. In 2013, Deepwater Wind won the auction to develop the nation's first offshore wind farm, which is slated to open shortly after NASEO's Annual Meeting and which will be a 30 megawatt, 5 turbine off-shore system designed to supply most of the island's power needs. In partnership with the Rhode Island Office of Energy Resources and Deepwater Wind, NASEO is taking this special session *aboard ship* to hear a few presentations by various project partners en route to this "groundbreaking" new wind energy site.

Moderator:

David Terry, Executive Director, NASEO

Presenters:

Chris Kearns, Chief Program Development, Rhode Island Office of Energy Resources  
Grover Fugate, Executive Director, Rhode Island Coastal Resources Management Council