NASEO 2020 Annual Meeting

*State Clean Energy Actions: America’s Economic Engine*

October 6 – 8, 2020

Meeting Website: [https://annualmeeting.naseo.org/](https://annualmeeting.naseo.org/)

**Draft Agenda**

**Tuesday, October 6, 2020**

*Pre-Conference Session: NASEO-Denmark Offshore Wind Virtual Tour*

9:45 a.m. ET – 12:00 p.m. ET

**Denmark’s Offshore Wind Energy Colossus**

The Trade Council of Denmark and the Embassy of Denmark have partnered with NASEO to host a series of interactive “Virtual Tours” of the Danish offshore wind industry. This first installment, taking place as a kick-off to the NASEO 2020 Annual Meeting, includes remarks by Lone Dencker Wisborg, Ambassador of Denmark to the United States, interactive discussions on the “Policy Environment and Transition to Clean Energy” with Danish government and industry representatives, and a tour of the Horns Rev Offshore Wind Farm.

*Moderator:*

- David Terry, Executive Director, NASEO

*Panelist:*

- The Honorable Lone Dencker Wisborg, Ambassador to the United States, Kingdom of Denmark

*Annual Meeting Opening Session*

12:15 p.m. – 12:30 p.m. ET

**State Clean Energy Actions: America’s Economic Engine**

This opening session will provide a high-level overview of the meeting and briefly discuss each day’s topical themes.

*Panelists:*

- David Terry, Executive Director, NASEO
• Dr. Andrew McAllister, Commissioner, California Energy Commission; Chair, NASEO Board of Directors

12:30 p.m. ET – 1:15 p.m. ET

State of Play: Congressional Energy Policy and Appropriations Actions
Reprising themes explored during NASEO’s 2020 Energy Policy Outlook Conference in February, this discussion will feature the latest news and insights from policy experts on the potential for congressional action on clean energy, both in the context of pandemic recovery and broader energy, resilience, climate, and infrastructure packages.

Moderator:
• Jeff Genzer, General Counsel, NASEO

Panelists:
• Sasha Mackler, Director, The Energy Paroject, Bipartisan Policy Center
• Heather Reams, Executive Director, Citizens for Responsible Energy Solutions
• Sam Ricketts, Senior Fellow, Center for American Progress (invited)

1:30 p.m. ET – 2:15 p.m. ET

Lessons of Stimulus Past, Present, and Future
In response to the economic downturn brought on by the COVID-19 pandemic, the question of a federal stimulus package is front of mind for many Americans, including State Energy Officials. While such an action by Congress is by no means certain, this session will help prepare conference attendees in exploring how a major stimulus could impact and propel energy and infrastructure investments at the state and local level. In this session, current and former State Energy Officials will discuss lessons learned and achievements from the last historic stimulus action in 2009.

Moderator:
• David Gipson, Director, Energy Resources Division, Georgia Environmental Finance Authority

Panelists:
• Taresa Lawrence, Deputy Director, Energy Administration, District of Columbia District Department of Energy and Environment
• Louise Martinez, Division Director, Energy Conservation and Management Division, New Mexico Energy Minerals and Natural Resources Department (invited)
• Jeff Genzer, General Counsel, NASEO (invited)
• Representative, Virginia Department of Mines, Minerals, and Energy (invited)

2:30 p.m. ET – 3:00 p.m. ET

The Electric Vehicle Multiplier Effect: Exploring the Macroeconomic and Energy Benefits of Widescale EV Adoption
States and cities are advancing electric vehicle (EV) adoption primarily in pursuit of energy and climate goals; yet, widespread EV use can also provide significant macroeconomic benefits, including cost savings and job creation in manufacturing and other sectors. One recent study estimates that if EVs replace 25 percent of combustion-engine cars, the United States would save approximately $17 billion annually by avoiding damages from climate change and air pollution. During this session, experts will explore ways the multi-faceted benefits of EVs.
Governing for Growth, Climate, and Resilience
States are setting ambitious climate goals that will result in significant economic growth and a more resilient energy system. Join us for this Fireside Chat to hear about one state’s strategy to meet its economic, energy, and climate goals.

4:00 p.m. ET – 5:00 p.m. ET – Breakout Sessions
Planning for Great Results: Pairing Economic Development with Community Resilience, Transportation Transformation, and Electricity Optimization

- **Breakout One – Leveraging Your State’s Share: Billions for Resilient Infrastructure and Communities**
  The Federal Emergency Management Agency’s (FEMA) new Building Resilient Infrastructure and Communities program will provide billions of dollars in federal disaster recovery funds to states for pre-disaster hazard mitigation projects and activities over the course of the next five years. Such an opportunity is not without its challenges: the technical and financial burden expected of state and local entities to access BRIC funds is significant. Leveraging FEMA’s new community lifeline concept, which stresses stability of fundamental community services during and after emergencies, State Energy Offices can play a significant role as stewards of life-sustaining hazard mitigation projects for energy resilience. As subject matter experts and sector leaders, State Energy Officials are poised to identify solutions to state and local cost-share and contribute to the development of vital, viable, benefit-cost positive projects. This session will provide specific examples of how State Energy Officials can serve as enablers and force-multipiers through the energy lifeline hazard mitigation project life cycle.

- **Breakout Two – Shifting Building and Grid Loads for Economic, Reliability, and Climate Benefits**
  This session will discuss the growing importance of better managing electricity loads to improve the grid’s reliability and its technical, economic, and environmental performance. New policies and initiatives target demand flexibility through grid responsiveness of buildings and their users. Clean peak, grid responsive appliance standards, and load management standards are coming into play as are considerations in the design and implementation of incentives, codes, and standards. Hear from state, federal, and private sector leaders advancing flexible demand management to achieve energy objectives.

**Moderator:**
- Patrick Woodcock, Commissioner, Massachusetts Department of Energy Resources; Member, NASEO Board of Directors (invited)

**Panelists:**
- Dr. Andrew McAllister, Commissioner, California Energy Commission; Chair, NASEO Board of Directors (invited)
- Anne Hoskins, Chief Policy Officer, Sunrun (invited)
• Breakout Three – Green Hydrogen: A Silver Bullet for Long-Duration Storage Needs in the Clean Energy Transition?

Several states in the U.S. have substantial renewable power production capabilities, but limited inter-state transmission infrastructure and a temporal mismatch between supply and demand decrease its effectiveness. Other states have growing and significant demand for renewable power and need to improve the balance of locally available resources with “on demand” regional sources to improve reliability, resilience, and cost. Energy companies and states are increasingly interested in green hydrogen as a solution for long duration energy storage. A National Renewable Energy Laboratory study concludes that by 2050, hydrogen storage lasting for two weeks “is expected to be cost-effective.” This session will explore how green hydrogen could provide long-duration storage, potential challenges and barriers, as well as policy options.

5:30 p.m. ET – 7:00 p.m. ET

Sustainable Sommelier: Virtual Vineyard Tour Presented by Jackson Family Wines

Clean energy and wine make a perfect pairing. Join Santa Rosa, California-based Jackson Family Wines for an introduction to the world of sustainable winemaking, followed by a virtual wine tasting led by a world-class sommelier. An additional $50.00 registration fee is required to participate in the wine tasting. Space is limited. Wine tasting sign-up instructions will be communicated via email to confirmed conference registrants. Note, shipping is not available to the U.S. territories, Alabama, Delaware, Indiana, Kentucky, Mississippi, New Jersey, Ohio, Rhode Island, Utah, or Wyoming. For more information on how to participate, contact Shemika Spencer (sspencer@naseo.org) and Sandy Fazeli (sfazeli@naseo.org).

Moderator:
• Alan Zelenka, Assistant Director, Planning and Innovation, Oregon Department of Energy

Panelists:
• Aaron Schreiber-Stainthorp, Sustainability Manager, Jackson Family Wines
• Ann Wallace, Sales and Trade Development, Jackson Family Wines

Wednesday, October 7, 2020 – Building It Better Together: Rebuilding America’s Economy

12:00 p.m. ET – 12:30 p.m. ET

Transition Document Discussion

Join NASEO leadership in reviewing NASEO’s Bipartisan Transition Recommendations, outlining priorities which will guide NASEO advocacy, policy, and program efforts over the next four years.

12:30 p.m. ET – 1:00 p.m. ET

Pending

1:15 p.m. ET – 2:00 p.m. ET

COVID-19 Impacts to the American Economy

The COVID-19 pandemic has wreaked havoc on the global economy. As a result, state governments across the country are experiencing budget cuts while simultaneously enacting legislation to provide short-term financial relief to millions of Americans, and exploring longer-term policy and program options to grow jobs and create a more resilient and sustainable energy system. During this session,
State Energy Offices will share budget and legislative updates from their state, and engage in a discussion on ways State Energy Offices can assist in the economic recovery.

2:15 p.m. ET – 3:00 p.m.
**Return to Work: Hurdles, Lessons, and Opportunities Across the Buildings Sector**
The public health crisis this year had a dramatic impact on energy efficiency programs, from building code inspections and home energy audits to the need to increase the flow of fresh air in our classrooms, offices, and other public spaces. This session will examine fresh new ideas for dealing with stagnant air, the spread of new techniques that allow building officials to zoom from one building to the next, and the emergence of innovative methods for energy audits.

3:15 p.m. ET – 3:45 p.m. ET
**Coffee Chat Session**

4:00 p.m. ET – 5:00 p.m. ET – **Breakout Sessions**
**Energy Systems Going Clean, Distributed, and Integrated**

- **Breakout One – Bringing Hybrid Energy Resources to Market: Challenges and Opportunities**
  Hybrid energy resources, such as solar or natural gas generation paired with battery storage, are rapidly transitioning from a novel concept to a mainstream application. As a combination of multiple technologies that are physically and electronically controlled as a single resource, hybrid resources can offer multiple benefits, including simpler and more streamlined operation, compared to stand-alone or even co-located resources. To date, five of the seven organized wholesale market operators, as well as the Federal Energy Regulatory Commission, have started new rule development for hybrid resources, and all are discussing ways to increase hybrid resources’ participation in the market. This panel will discuss the policy, regulatory, and market implications of increased hybrid energy resources and potential state actions.

- **Breakout Two – Leveraging Billions in Existing Federal Energy R&D Funding for Your States’ Future: Jobs, Innovation, Climate**
  Each year, the U.S. Department of Energy, National Science Foundation, and ARPA-e provide billions of dollars in federal energy research funding to universities, companies, and other institutions. This session looks at this opportunity through the State Energy Office planning lens to help states realize the economic power of expanding the pool of cutting-edge energy technology researchers and entrepreneurs to create an “eco-system” of innovation and growth.

**Moderator:**
- Kelley Smith Burk, Director, Office of Energy, Florida Department of Agriculture and Consumer Services; Vice Chair, NASEO Board of Directors

**Panelists:**
- Alex Kizer, Director of Research and Senior Associate, Energy Futures Initiative
- Sumesh Arora, Director, Energy and Natural Resources Division, Mississippi Development Authority (invited)
- Canan “Janan” Balaban, Associate Director, Florida Energy Systems Consortium

- **Breakout Three – Labeling, Codes, and Performance Standards: Tools to Improve Affordability, Quality of Life, and More Equitable Outcomes**
Home energy labels protect buyers and stimulate money-saving efficiency investments. Building energy codes require new buildings to meet base levels of energy performance to protect buyers’ pocketbooks while supporting resiliency, safety, health, and comfort. Building energy performance standards are a new, emerging approach states and localities are using to improve their building stocks, reduce utility bills, and meet energy and climate objectives. This session will discuss how, separately and together, these policies can enhance energy affordability and quality-of-life in all communities, including marginalized and underrepresented communities.

**Thursday, October 8, 2020 – Job Creation through Clean Energy Innovation**

12:00 p.m. ET – 12:45 p.m. ET  
**Field Demonstration and Validation**  
Demonstration and validation help to commercialize and dissemintate new technologies by providing real world data to guide further technology development, enhancing confidence among potential users, customers, and investors. This session will explore how the public sector can provide or support demonstration test beds to advance energy technologies, as is being pursued by the U.S. Department of Energy, General Service Administration, and U.S. Department of Defense at the federal level and by some states.

1:00 p.m. ET – 1:45 p.m. ET  
**Unlocking Climate and Economic Benefits through STEM Education**  
Investments in Science, Technology, Engineering, and Mathematics (STEM) education offer multiple benefits, including the development of a strong technical workforce and the potential to advance technology innovations, performance improvements, and cost reductions in response to pressing climate and energy issues. This session will highlight promising STEM programs and experts.

*Moderator:*  
• Eddy Trevino, Director, Texas State Energy Conservation Office

*Panelists:*  
• Juan Garcia, President, DISCO Learning Media  
• Natasha Campbell, Chief Strategist for Clean Energy Initiative, Historically Black Colleges and Universities Community Development Action Coalition  
• Guille Pelaez, Education Program Specialist, Utah Governor’s Office of Energy Development

2:00 p.m. ET – 2:30 p.m. ET  
**Coffee Chat Session**  
Join us for a conversation exploring the importance of bringing equity to your internal operations, programs, and policies and what it looks like in practice.

2:45 p.m. ET – 3:45 p.m. ET – **Breakout Sessions**

*Harnessing Innovation to Meet Challenges*  
• Breakout One – Should You Stay or Should You Go: Innovations in Resilience and Emergency Response
States have made significant innovations in state emergency response and resilience planning as they are confronted with new challenges. The COVID-19 crisis has highlighted the need to upgrade buildings and allow for more sheltering in place. Additional on-site generation, microgrids and improved energy efficiency could be important tools to harden buildings. As electric vehicles are becoming more prevalent, states will also have to examine what additional or improved infrastructure is needed to support their potential in evacuations and as grid assets. This session will provide innovative state policy and technology examples to improve resilience for shelters and evacuation routes.

- **Breakout Two – Connected, Reliable, Resilient: Technologies at the Grid-Buildings Edge**
  Advancing technologies can allow more flexible management of building and facility energy use to benefit occupants, owners, and the grid. Grid-interactive efficient buildings (GEBs) and related demand flexibility approaches can lower costs, enhance reliability and resilience, and reduce emissions by moderating peak demand, providing grid services, and better integrating cleaner energy resources. This session will explore emerging technologies and approaches that will enable these advances.

  **Moderators:**
  - Kaci Radcliffe, Energy Analyst, Oregon Department of Energy (invited)
  - Hanna Terwilliger, Rates Analyst, Minnesota Public Utilities Commission (invited)

  **Panelists:**
  - Clay Nesler, Vice President, Global Sustainability and Regulatory Affairs, Johnson Controls, Inc.; Interim President, Alliance to Save Energy
  - John Williams, Vice President, Policy and Regulatory Affairs, New York State Energy Research and Development Authority; Secretary, NASEO Board of Directors (invited)

- **Breakout Three – Delivering the Goods: Innovation in the U.S. Shipping and Delivery System**
  Over the last several years, the movement of goods in the United States has changed drastically, with much more focus on last-mile transportation and at-home delivery. Furthermore, delivery firms are very focused on new energy technologies as a way to reduce fuel use, maintenance, and operating costs in their fleets. This session will focus on innovations in the shipping industry that will reduce energy use in long-distance freight, as well as last-mile solutions that can reduce congestion, fuel use, and air pollution in residential areas.

4:00 p.m. ET – 5:00 p.m. ET

**2021 Annual Meeting Preview: Maine Offshore Wind R&D Facility Tour and Tribute to Outgoing NASEO Board Chair**

NASEO is excited to host our 2021 Annual Meeting in Portland, Maine, where participants will learn about offshore wind development first-hand and explore all The Pine Tree State has to offer. This session will provide a sneak-peak of the University of Maine’s Offshore Wind Floating Platform, which will be offered as a tour next year. In addition, NASEO will introduce the incoming Board Chair.

5:00 p.m. – 5:15 p.m.

**Closing Remarks and #PetsOfNASEO Contest Winner Announcement**

**Panelist:**
- David Terry, Executive Director, NASEO