



NASEO 2022 Energy Policy Outlook Conference *Infrastructure, Jobs, and Equity – The Power of Markets*

February 8-11, 2022

Meeting Website: <https://energyoutlook.naseo.org/>

Preliminary Agenda

Tuesday, February 8, 2022 – Pre-Conference Events for NASEO State, Territory, and Affiliate Members

2:00 p.m. – 3:00 p.m.

Inclusive Shared Solar Initiative: State Implementation Partner and Observer States Meeting

NASEO's Inclusive Shared Solar Initiative (ISSI), a collaboration effort with the National Energy Assistance Directors' Association, is finishing up its initial work leading to the development of six low-to moderate-income community solar pilot projects over four states. In this session, the State Implementation Partners participating in ISSI will share updates to their pilot program progress, initial challenges and successes, and where they plan to take their pilot programs heading into Year 2 of the initiative. NASEO staff will share best practices from resources and technical assistance efforts the ISSI team completed over the past year that are available to all states.

3:00 p.m. – 4:30 p.m.

Energy Security Planning 2.0: What State and Territory Energy Offices Need to Know (*State and Territory Energy Offices Only*)

In this session, speakers will share information on relevant energy security planning provisions in the Infrastructure, Investments, and Jobs Act (IIJA) and implications for State and Territory Energy Offices' energy security planning and plans going forward. The session will also provide an opportunity for open discussion and Q&A on the IIJA provisions. States will share experiences in developing and updating State Energy Security Plans and NASEO staff will provide an overview of NASEO resources in support of energy security planning. Discussion on key partnerships, relevant interdependencies, and past state examples will allow attendees to gain further insight into the relevancy of areas such as cybersecurity, supply chain, extreme weather, and other relevant topics as they determine the future of energy security planning in their state.

5:00 p.m. – 6:15 p.m.
NASEO Board of Directors Meeting

6:15 p.m. – 7:00 p.m.
NASEO Institute Board of Directors Meeting

Wednesday, February 9, 2022

8:00 a.m. – 8:15 a.m.
Welcome and Opening Remarks
This opening session sets the stage for our conference.

Presenters:
David Terry, Executive Director, NASEO
Kelley Smith Burk, Director, Office of Energy, Florida Department of Agriculture and
Community Services; Chair, NASEO Board of Directors

8:15 a.m. – 8:45 a.m.
Navigating 2022: Congressional Clean Energy and Climate Policy Outlook

Presenter:
Representative, Conservative Climate Caucus, U.S. House of Representatives

8:45 a.m. – 9:00 a.m.
America's Energy Infrastructure Opportunity: Economic Growth, Justice 40, and Decarbonization

Presenter:
Senior Official, U.S. Department of Energy

9:00 a.m. – 9:45 a.m.
Decarbonization Pathways to Meet Our Climate Imperative
Every state and industry sector has different opportunities and paths to decarbonize in ways that ensure energy system reliability and affordability in the face of the growing public-private commitment to meet the climate imperative. This session examines the latest science and analysis about the essential energy actions that are needed, as well as specific opportunity for renewable natural gas to help meet state, local and private-sector goals.

Presenters:
Representative, Climate Program, World Resources Institute
Representative, American Gas Association

9:45 a.m. – 10:00 a.m. – **Break**

10:00 a.m. – 11:00 a.m.
Infrastructure, Investment, and Jobs Act: U.S. Department of Energy Plans and Partnerships
The U.S. Department of Energy will play a central role in guiding the implementation of the Infrastructure, Investment, and Jobs Act (IIJA). This panel of senior officials from the Office of Energy Efficiency and Renewable Energy, the Office of Electricity, Office of Cybersecurity, Energy Security, and Emergency Response, and the Office of Fossil Energy and Carbon Management will discuss

relevant IIJA provisions on cybersecurity and energy emergencies, resilience and grid infrastructure, renewable energy, hydrogen, and carbon capture, utilization, and storage, among others.

Presenters:

Kelly Speakes-Backman, Principal Deputy Assistant Secretary, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy

Patricia Hoffman, Acting Assistant Secretary and Principal Deputy Assistant Secretary, Office of Electricity, U.S. Department of Energy

Puesh Kumar, Principal Deputy Assistant Secretary, Office of Cybersecurity, Energy Security, and Emergency Response, U.S. Department of Energy

Dr. Jennifer Wilcox, Acting Assistant Secretary and Principal Deputy Assistant Secretary, Office of Fossil Energy and Carbon Management, U.S. Department of Energy

11:00 a.m. – 11:30 a.m.

COP26 Debrief: The Future of Subnational Action and Collaboration

The scale and urgency of the climate challenge requires action and coordination across all levels of government and decision-making; yet the United Nations Framework Convention on Climate Change Conference of the Parties (COP) has historically focused on national and international commitments and collaborations. In this session, hear from state and business leaders who are changing the narrative by drawing attention to the critical role of subnational actors on the international climate stage.

11:30 a.m. – 11:45 a.m.

Pending

11:45 a.m. – 1:00 p.m. – **Keynote Luncheon**

Transmission and Bulk Power: The IIJA's New Policy, Regulatory, and Financing Authorities and FERC's Priorities in 2022

The Federal Energy Regulatory Commission (FERC) will play an important role in the implementation of transmission-related provisions in the IIJA. In this keynote session, Chairman Richard Glick from FERC will outline recent transmission proceedings at the Commission, new market developments, and FERC's role in implementing the IIJA and FERC Order 2222.

Presenter:

The Honorable Richard Glick, Chairman, Federal Energy Regulatory Commission

1:15 p.m. – 2:00 p.m.

Justice 40: Planning, Strategies, and Progress

Justice40 is one the Biden Administration efforts to advance environmental justice and economic opportunity for disadvantaged communities. Federal agencies will work to deliver at least 40 percent of benefits from federal investments to disadvantaged communities. This session will provide updates, resources, and opportunities for State Energy Offices interested in applying the lessons and intentions of Justice40 in their own work with a focus on ways to measure the impact of your work.

2:00 p.m. – 3:00 p.m.

Enhancing the Transmission Grid: Technologies to Support Resilience, Efficiency, and Clean Energy

Several provisions of the IIJA focus on and provide significant funding to enhance the electricity grid's resilience and expand its transmission capabilities. Various technologies and techniques, such as reconductoring, flow control devices, and other hard- and software, can enhance bulk power systems resilience, prevent hazards such as wildfires, boost renewable resources integration, and make transmission more efficient. This session will provide State Energy Offices with an overview of

potential technologies, benefits and challenges, and outline how some of these could be implemented with state and federal funding.

Presenters:

David Townley, Director, Public Policy, CTC Global

Rob Gramlich, Founder and President, Grid Strategies LLC

Representatives, Office of Electricity, U.S. Department of Energy

3:00 p.m. – 3:15 p.m. – **Break**

3:15 p.m. – 4:00 p.m.

Carbon Capture, Utilization, and Storage: Managing Carbon and the Infrastructure Act

A key thrust in the IIJA (“Infrastructure Act”) is carbon capture, utilization, and storage (CCUS), which offers an important path for greening industries and reducing climate altering emissions. Major resources will be provided through the IIJA to advance CCUS technology and infrastructure as well as utilization of captured CO₂. Hear from federal, state, and private sector experts about CCUS roles and prospects and opportunities under the IIJA.

Moderator:

Jason Lanclos, Director, State Energy Office, Louisiana Department of Natural Resources;
Parliamentarian, NASEO Board of Directors

Presenters:

Representative, Office of Fossil Energy, and Carbon Management, U.S. Department of Energy

Jessie Stolark, Public Policy and Member Relations Manager, Carbon Capture Coalition

Matt Hagen, Senior Business Development Manager, Air Products and Chemicals

4:00 p.m. – 4:30 p.m.

Pending

4:30 p.m. – 5:30 p.m. – **Concurrent Breakout Sessions**

- **Colonial Pipeline Incident: Enhancements to State Energy Security Planning and Industry-Government Collaboration**

The Colonial Pipeline Incident in May of 2021 has served as a significant impetus for enhanced cybersecurity regulation, investment, and planning. Many State Energy Offices took the incident as an opportunity to examine state energy security plans, communication strategies, and interdependencies between energy sectors. As states, the federal government, and private industry in both the electricity and oil and natural gas subsectors all endeavor to reduce cyber risks and mitigate the impacts of such attacks, coordination and information-sharing remains a key element to success. Further, several key provisions in the IIJA are dedicated to enhancing energy sector cybersecurity. While the implementation of the IIJA is only at the beginning, a definitive requirement is government and industry collaboration. This session will highlight lessons learned and actions taken since Colonial and will feature remarks from sector experts on the imperative of states and State Energy Offices to remain key partners in energy sector cybersecurity.

Presenter:

Suzanne Lemieux, Director, Operations Security and Emergency Response Policy,
American Petroleum Institute

- **Take a Load Off: Distributed Energy Resources, Storage, Buildings, and the Grid Working Together**

Increasingly, power loads in buildings and other applications can be managed as flexible grid assets to serve economic, environmental, and resilience needs. Traditional demand response is evolving into more dynamic, sophisticated, and precise grid-interactive demand flexibility, where diverse distributed energy uses, storage, and generation can be orchestrated into virtual power plants (VPPs). Hear from public and private sector leaders about policy, regulatory, and technical advances and opportunities, such as through the Infrastructure Investment and Jobs Act (aka Infrastructure Act) and other funding.

Moderator:

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

Presenters:

Dr. Karen Wayland, Chief Executive Officer, GridWise Alliance

Anne Hoskins, Chief Policy Officer, Sunrun (invited)

James Campbell, Director, Innovation and Sustainability Policy, PacifiCorp/Berkshire Hathaway Energy

Thursday, February 10, 2022

8:00 a.m. – 9:00 a.m.

Energy and Transportation Collaboration: Federal-State Plans and Partnerships

The U.S. Department of Energy (U.S. DOE) and U.S. Department of Transportation (U.S. DOT) are working together to coordinate on clean transportation development and deployment through the *Infrastructure Investment and Jobs Act*. During this session, leaders from U.S. DOE and U.S. DOT, as well as the newly created Joint Office of Energy and Transportation, will share the latest sustainable transportation updates and developments from the Biden Administration, as well as anticipated next steps with program roll-out under the Infrastructure Act.

Presenters:

Representative, U.S. Department of Energy

Representative, U.S. Department of Transportation

9:00 a.m. – 9:30 a.m.

Zero Emission Fleets: Integrating Public-Private Financing

As more zero-emission vehicles (ZEV) options come onto the market, modernizing fleet vehicles present an opportunity for State governments to reduce energy use, save on fuel imports, and mitigate pollution in their transportation sector. Additionally, targeting investments to fleet emissions improvement can support low-income and overburdened communities that may not be able to afford electric vehicles. This session will explore new funding and financing options to deploy ZEV fleet vehicles, in particular leveraging opportunities in the *Infrastructure Investment and Jobs Act* for fleet electrification.

9:30 a.m. – 10:15 a.m.

Hydrogen: Key Element for Decarbonization

Hydrogen, directly and via derivatives like carbon-neutral ammonia, provides a key path to decarbonize hard-to-electrify industrial, transport, agricultural, and energy operations while offering economic development opportunities for both new and existing industries. As a key focus of the IJJA

("Infrastructure Act"), major resources will be dedicated to advance hydrogen RD&D, regional hubs, and technology deployment while innovative businesses already spearhead new technologies. Hear from industry, government, and non-governmental leaders about this key element for decarbonization.

Presenters:

Pablo Koziner, President, Energy and Commercial, Nikola Corporation
Representative, Hydrogen and Fuel Cell Technologies Office, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy

10:15 a.m. – 10:30 a.m. – **Break**

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

- **The Blueprint for More Efficient, Resilient and Responsive Buildings from Energy Codes**
The Infrastructure Investment and Jobs Act (IIJA) provides funding for states to voluntarily pursue stretch energy codes, measure energy code compliance, update energy codes, and address implementation and training in rural, suburban, and urban areas. Through IIJA funding, states can improve the resilience, efficiency, and affordability of their building stock. This session will examine opportunities to improve the building stock in a variety of ways, from improving compliance with current codes to adopting stretch energy codes.

Presenters:

Representative, Building Technologies Office, U.S. Department of Energy
Representative, City of Philadelphia
Representative, State Energy Office

- **Grid Investments for Rapid, Affordable Transportation Electrification**
As the transportation sector continues to electrify, grid investments will be necessary to ensure that electric vehicle charging is widely available, reliable, and affordable. This will require coordination between State Energy Offices, electric service providers, infrastructure providers, and Public Service Commissions to ensure cohesive nationwide infrastructure upgrades and electricity availability. This session will explore opportunities for states to enhance grid functionality to prepare for widespread transportation electrification, and cover provisions in the *Infrastructure Investment and Jobs Act* available to support these efforts.

Presenters:

Representative, Office of Electricity, U.S. Department of Energy
Representative, Edison Electric Institute
Representative, National Rural Electric Cooperative Association
Representative, American Public Power Association

11:45 a.m. – 1:00 p.m. – **Keynote Luncheon**

The Road to Decarbonization: One Heat Pump, Building, and Community at a Time

Since its founding in 2012, Brooklyn-based energy technology startup BlocPower™ has made headlines as a pioneer in electrification, clean tech disruptor, and champion of environmental justice. Join Chief Executive Officer Donnel Baird as he shares BlocPower's vision for an electrified, decarbonized, and equitable energy future.

Presenter:

Donnel Baird, Chief Executive Officer, BlocPower

1:15 p.m. – 2:15 p.m.

Schools Energy Partnerships: State Energy Office Coordination and Assistance Initiatives

The Infrastructure Investment and Jobs Act of 2021 provides \$500 million for investment in improving the energy efficiency of K-12 schools to be distributed by the U.S. Department of Energy (DOE). These funds may be used for traditional building energy efficiency improvements, as well as investments in alternative fuel vehicle fleets, charging infrastructure, and renewable energy. In partnership with DOE's Building Technologies Office, NASEO is supporting DOE's Efficient and Healthy Schools initiative and facilitating the deepening of State Energy Office and state and local educational agency relationships. This session will bring together experts from the national laboratories, school stakeholder groups, and State Energy Offices to identify ways to deepen and expand relationships between energy offices and educational agencies to ensure that school investments support healthy outcomes for students while providing improved energy efficiency and lower air pollution and carbon emissions.

Moderator:

Al Christopher, Director Renewable Energy and Energy Efficiency Program, Virginia Department of Energy

Presenters:

Representative, Lawrence Berkeley National Laboratory
Representative, U.S. Department of Energy
Representative, National Council of School Facilities
Representative, Virginia Department of Environmental Quality

2:15 p.m. – 3:00 p.m.

U.S. State Energy Program: Multi-Year Planning, Metrics, and Assistance

State Energy Offices will receive \$500 million in U.S. State Energy Program (SEP) funds through the *Infrastructure Investment and Jobs Act* and are scoping opportunities to adequately plan for and deploy funds to maximize impact and enable clean energy deployment and economic growth. During this session, states will share preliminary plans for program and project implementation using SEP funds and engage in a conversation with representatives from the U.S. Department of Energy's Weatherization and Intergovernmental Programs Office technical assistance needs.

3:00 p.m. – 3:30 p.m.

Achieving Implementation Impact through Efficient Reporting, Tracking, and Administration
(Sponsored Session)

The *Infrastructure Investment and Jobs Act* brings much-needed new funding to critical programs like the Low-Income Home Energy Assistance Program and Weatherization Assistance Program. Yet, the scale of funding and new compliance rules introduce administrative challenges that may distract from maximizing true program impacts. In this discussion with Hancock Software CEO Lily Li, learn best practices for managing the administrative challenges of IJA implementation and the potential benefits of investing in solutions to better track, report, and coordinate programs.

Presenter:

Lily Li, Chief Executive Officer and Product Architect, Hancock Software

3:30 p.m. – 3:45 p.m. – **Break**

3:45 pm. – 4:30 p.m.

Pending

4:30 p.m. – 5:30 p.m.

Building Auditor Training and Revolving Loan Fund Optimization

The Infrastructure Investment and Jobs Act offers several opportunities for funds that State Energy Offices can leverage to support energy efficiency retrofits and upgrades of residential and commercial buildings in their states. Optimizing the use of these funds will require careful planning and coordination between State Energy Offices and other entities in their states as well as the U.S. Department of Energy. This session will explore best practices for the development and implementation of Revolving Loan Funds as well as for building auditor training programs.

Presenters:

David Althoff, Director, Energy Programs Office, Pennsylvania Department of Environmental Protection; Member, NASEO Board of Directors

Kara Saul Rinaldi, President and Chief Executive Officer, AnnDyl Policy Group, LLC

Matthew Brown, Co-Chair and Founder, National Energy Improvement Fund, LLC

Friday, February 11, 2022

8:00 a.m. – 9:30 a.m. – **Concurrent NASEO Regional Breakfast Meetings** (Open to All Registered Attendees)

Sharing Infrastructure Implementation Planning Approaches and Elevating Needs

- Western Region Breakfast Meeting
- Central Region Breakfast Meeting
- Midwest Region Breakfast Meeting
- Southeast Region Breakfast Meeting
- Mid-Atlantic Region Breakfast Meeting
- Northeast Region Breakfast Meeting

9:30 a.m. – 9:45 a.m. – **Break**

9:45 a.m. – 10:15 a.m.

Fireside Chat with Former Energy Secretary Ernest Moniz: Clean Energy Transition and Transformation

Data, decision-making, and strategic investments are tools of critical importance as the United States addresses the climate challenge. In this fireside chat with the Honorable Energy Ernest J. Moniz, President and Chief Executive Officer of the Energy Futures Initiative and 13th U.S. Secretary of Energy, attendees will learn of a vision for a clean energy transition that harnesses the power of policy, technology innovation, and infrastructure investment to advance a sustainable and inclusive U.S. economy and workforce.

Moderator:

Patrick Woodcock, Commissioner, Massachusetts Department of Energy Resources; Member, NASEO Board of Directors

Presenter:

The Honorable Ernest J. Moniz, President and Chief Executive Officer, Energy Futures Initiative; Former Secretary, U.S. Department of Energy

10:15 a.m. – 11:00 a.m.

Low- and Moderate-Income Solar and Energy Efficiency Strategies

Affordable housing has been historically underserved in clean energy programs. Yet, addressing the urgent need across many communities for healthy, energy-efficient, and affordable homes with access to electrification, solar, and storage technologies can be decisive in State Energy Offices'

work to address climate, equity, and resilience. In this session, hear about programs at the forefront of such efforts.

11:00 a.m. – 11:45 a.m.

Energy Efficiency and Conservation Block Grants: Model Programs and Projects

11:45 a.m. – 12:15 p.m.

Washington Playbook 2022: Reconciliation, Taxation, and Appropriations

Presenter:

Jeffrey Genzer, General Counsel, NASEO

12:15 p.m.

Wrap-Up and Adjourn

Presenters:

David Terry, Executive Director, NASEO

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