



NASEO 2021 Energy Policy Outlook Conference
Road to Recovery: Federal Energy and Climate Policy Outlook
February 2 – 5, 2021

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

Agenda

Tuesday, February 2, 2021

12:30 p.m. ET – 2:00 p.m. ET

State Regional Initiative Roundtable and Updates from the U.S. State Energy Program and WIP Technical Assistance Teams (*State and Territory Energy Offices Only*)

During this session, State and Territory Energy Office directors and staff will share insights on regional energy initiatives from across the country, ranging from green hydrogen development to carbon capture utilization and storage to electric vehicle infrastructure deployment to offshore wind investment. In addition, participants will hear the latest news on U.S. State Energy Program funding and Weatherization and Intergovernmental Programs Office technical assistance.

Moderator:

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

Speakers:

Jason Lanclos, Director, Technology Assessment Division, Louisiana Department of Natural Resources; Parliamentarian, NASEO Board of Directors

Molly Cripps, Director, Office of Energy Programs, Tennessee Department of Environment and Conservation; Treasurer, NASEO Board of Directors

Alexa Voytek, Energy Programs Administrator, Office of Energy Programs, Tennessee Department of Environment and Conservation

Dr. Mary Beth Tung, Director, Maryland Energy Administration; Member, NASEO Board of Directors

Dan Lloyd, Bureau Chief, Energy Office, Montana Department of Environmental Quality

Dan Burgess, Director, Maine Governor's Energy Office; Member, NASEO Board of Directors

Daniel Gatti, Director of Clean Transportation Policy, Massachusetts Executive Office of Energy and Environmental Affairs

Amy Royden-Bloom, State Energy Program Manager, Weatherization and Intergovernmental Programs Office, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy
Jenah Zweig, Supervisor of Partnerships and Technical Assistance, Weatherization and Intergovernmental Programs Office, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy

2:15 p.m. ET – 3:30 p.m. ET – **Concurrent Committee Meetings**

- **Buildings Committee**

In this meeting of NASEO's Buildings Committee, attendees will discuss best practices and states' priorities to advance energy efficiency, building performance, and equity in both the commercial and residential sectors. Committee members are encouraged to contribute to the meeting by sharing their experiences, insights, and lessons learned. The session will include discussion on advanced energy options for emissions and cost reductions in commercial buildings and building energy code status and alternatives.

Committee Co-Chairs:

Robin Yochum, Energy Program Manager, Nevada Governor's Office of Energy; Co-Chair, NASEO Buildings Committee

Heather Goggin, Planning and Economic Development Specialist, Energy Division, Alabama Department of Economic and Community Affairs; Co-Chair, NASEO Buildings Committee

Curt Rich, President and Chief Executive Officer, North American Insulation Manufacturers Association; Affiliates' Co-Chair, NASEO Buildings Committee

Speakers:

Katy Hatcher, ENERGY STAR National Manager, Public Sector, Climate Protection Partnerships Division, U.S. Environmental Protection Agency

Amy Jiron, Acting Commercial Buildings Integration Program Manager, Building Technologies Office, Office of Energy Efficiency and Renewable Energy U.S. Department of Energy

- **Energy Security Committee**

During this session, members of NASEO's Energy Security Committee will share their experiences supporting and developing energy-related project applications for the Federal Emergency Management Agency's Building Resilient Infrastructure and Communities program from the current fiscal year. Committee members are encouraged to share best practices and lessons learned. Additionally, the Committee will review its strategic priorities related to incident response and information-sharing through the Energy Emergency Assurance Coordinators program.

Committee Co-Chairs:

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

Ben Bolton, Energy Programs Administrator, Office of Energy Programs, Tennessee Department of Environment and Conservation; Co-Chair, NASEO Energy Security Committee

Speakers:

Sushma Masemore, Deputy Assistant Secretary for the Environment and State Energy Director, North Carolina Department of Environmental Quality
Amanda LeMaster, Energy Assurance Coordinator, Kentucky Office of Energy Policy
Brandi Martin, Project Manager, State, Local, Tribal, and Territorial Program, Infrastructure Security, and Energy Restoration Division, Office of Cybersecurity, Energy Security, and Emergency Response, U.S. Department of Energy

3:45 p.m. ET – 5:00 p.m. ET

Electricity Committee

In this session, NASEO's Electricity Committee will discuss how to create a more resilient electricity sector through the inclusion of storage projects, resilience metrics in utility regulation, and designing a holistic community energy resilience approach. Presentations will include an update from the U.S. Department of Energy on the recently released Energy Storage Grand Challenge Roadmap as well as the Electricity Advisory Committee's new Subcommittee on Resilience. Committee members and attendees are encouraged to contribute to the meeting by sharing their states' experiences, insights, and lessons learned.

Committee Co-Chairs:

Chris Yunker, Managing Director, Resiliency, Clean Transportation, and Analytics, Hawaii State Energy Office; Co-Chair, NASEO Electricity Committee
Dr. Asa Hopkins, Vice President, Synapse Energy Economics; Affiliates' Co-Chair, NASEO Electricity Committee

Speakers:

Paul Spitsen, Technology and Policy Analyst, Strategic Analysis, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy – *Energy Storage Grand Challenge Roadmap*
Jennifer DeCesaro, Director for Recovery and Resilience, Energy Resilience Division, Office of Electricity, U.S. Department of Energy – *Defense Critical Energy Infrastructure and the Electricity Advisory Committee Subcommittee on Resilience*
Jennifer Kallay, Senior Associate, Synapse Energy Economics; – *Designing Resilient Communities Paper*
Neil Weisenfeld, Senior Energy Resilience Expert, ICF – *Closing the Resiliency Investment Gap*

Wednesday, February 3, 2021

11:45 a.m. ET – 12:00 p.m. ET

NASEO's 2021 Energy Policy, Funding, and Market Outlook

In this opening session, NASEO leadership will review conference themes and set the stage for the national energy outlook as the Biden Administration and new Congress begin their work.

Speakers:

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

12:00 p.m. ET – 12:30 p.m. ET

100 Days and Beyond: Outlook for Stimulus and Energy, Climate, and Environmental Justice Actions

President Joe Biden has made bold commitments to prioritize the climate crisis, environmental justice, and clean energy deployment. This session will offer insights on energy and climate actions across federal agencies, prospects for engaging the new Congress, and the potential to leverage clean energy and climate investments as a potent tool for economic recovery, infrastructure modernization, and job creation.

Moderator:

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

Speaker:

Gina McCarthy, White House National Climate Advisor, Executive Office of the President

12:30 p.m. ET – 1:15 p.m. ET

Next Steps on Net Zero: Evolving State and Corporate Commitments to Clean Energy

Many governments and businesses have relied on renewable energy targets to promote the adoption of clean energy, create jobs, and address climate change. Increasingly, however, states, cities, and companies have begun to embrace a more expansive approach, one which recognizes the importance of all emissions sources: from the power grid, the transportation sector, and buildings. This session will highlight the evolution of clean energy goals and showcase recent developments in state policy and corporate investments.

Moderator:

Sushma Masemore, Deputy Assistant Secretary for the Environment and State Energy Director, North Carolina Department of Environmental Quality

Speakers:

Michael Furze, Assistant Director, Energy Division, Washington State Department of Commerce; Co-Chair, NASEO Energy Equity Task Force; Member, NASEO Board of Directors

Roger Ballentine, President, Green Strategies Inc.

Dr. Caroline Golin, Senior Regulatory Policy Lead, Global Energy Policy and Market Development, Google

1:15 p.m. ET – 1:45 p.m. ET

U.S. Senate Spotlight: Energy Policy, Appropriations, and Infrastructure Landscape

The Energy Act of 2020, included in the Fiscal Year 2021 Appropriations bill, represented one of the most significant acts by Congress to update the nation's energy and climate policies in over a decade. In this session, hear directly from Congressional leadership on the prospects for even more meaningful action and investment in the 117th Congress.

Moderator:

Dan Burgess, Director, Maine Governor's Energy Office; Member, NASEO Board of Directors

Speaker:

The Honorable Angus King, Member, U.S. Senate (I-ME)

2:00 p.m. ET – 3:00 p.m. ET

Federal Energy Tax Changes From 45Q to 179D: What Does It Mean for States, Consumers, and Business?

The passage of tax incentives supporting energy investments in building efficiency, solar, wind, and carbon utilization in one of the last sessions of the last Congress can help expand clean energy opportunities and infrastructure. This session examines what these changes mean, and what new clean energy tax provisions we are likely to see as the new Congress and Biden Administration ramp up climate, energy, and economic development actions.

Moderator:

Jeff Genzer, General Counsel, NASEO

Speakers:

Duane Desiderio, Senior Vice President and Counsel, The Real Estate Roundtable

Kimberly Dean, Senior Advisor, Bipartisan Policy Center Action

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

3:15 p.m. ET – 4:15 p.m. – **Deep-Dive Breakout Sessions**

- **Breakout One – Clean Energy on Federal Lands and Waters: 2021 Actions to Speed Private Investment and Decarbonization**

State policies and programs have been crucial drivers of clean energy technology innovation, investment, and deployment. Yet, some efforts to develop and build clean energy infrastructure on federal lands and in federal waters have faced roadblocks. This session will highlight state-federal partnership opportunities as well as proven strategies to streamline reviews, approvals, and regulations.

Moderator:

Dan Burgess, Director, Maine Governor's Energy Office; Member, NASEO Board of Directors

Speakers:

David Bobzien, Director, Nevada Governor's Office of Energy

Alex Frazier, Virginia Management Fellow, Virginia Department of Mines, Minerals and Energy

Tom Vinson, Vice President of Policy and Regulatory Affairs, American Clean Power Association

- **Breakout Two – The Economics of Adaptation and Mitigation: Investor Responses to the Climate Crisis and to Clean Energy Opportunities**

Estimates suggest that at least \$10 trillion must be invested in low-carbon technologies by 2030 to avoid the worst impacts of the climate crisis. This figure underscores the critical need to orient capital and financial systems toward clean energy investments. In this session, experts from the investment and finance communities will discuss strategies to increase the flow of funds to clean energy solutions, and the role State Energy Offices can play in facilitating investments.

Moderator:

Ari Gerstman, Associate Director for Policy and Compliance, Energy Administration,
District of Columbia Department of Energy and Environment

Speakers:

Billy Gridley, Director, Investor Network, Ceres
Jeff Eckel, Chairman and Chief Executive Officer, Hannon Armstrong
Bracken Hendricks, Chief Executive Officer and Founder, Urban Ingenuity
Jeff Ross, Senior Managing Director, Generate Capital

4:30 p.m. ET – 4:40 p.m. ET

Congressional Keynote: Open Back Better for a Resilient Future

The Open Back Better Act of 2020 would provide \$20 billion over four years for mission-critical public Infrastructure, leveraging key existing programs such as the U.S. State Energy Program. In this session, learn how this critical piece of legislation can support needed upgrades to hospitals, schools, community shelters, and other high-priority facilities, especially in environmental justice communities.

Moderator:

Robert Underwood, Energy Programs Section Administrator, Division of Climate, Coastal, and Energy, Delaware Department of Natural Resources and Environmental Control

Speaker:

The Honorable Lisa Blunt Rochester, Member, U.S. House of Representatives (D-DE)

4:45 p.m. ET – 5:15 p.m. ET

Fireside Chat: Hawaii's Performance Based Ratemaking Experience: Aligning Investor, Consumer, and Climate Considerations

In 2018, Hawaii Governor David Ige signed into law the Ratepayer Protection Act, directing the Hawaii Public Utilities Commission to tie electric utilities' revenues to their achievement of key performance metrics such as reliability and integration of renewable energy and customer-sited resources, among others. Now a year past the January 1, 2020 start date of the law, Hawaii has emerged as a national leader on performance-based ratemaking and regulation. Join this Fireside Chat with the Honorable James Griffin, Chair of the Public Utilities Commission and Scott Glenn, Chief Energy Officer of the Hawaii State Energy Office to learn about Hawaii's groundbreaking experience and path forward.

Moderator:

Scott Glenn, Chief Energy Officer, Hawaii State Energy Office

Speaker:

The Honorable James Griffin, Chairman, Hawaii Public Utilities Commission

6:00 p.m. ET – 8:30 p.m. ET

Sip, Learn, and Connect: After-Hours Networking and Elevator Pitches

Grab your favorite beverage and log-on to learn about new products, problem-solving approaches, and developments in the realm clean energy and climate change. These networking sessions will feature short and dynamic "Elevator Pitches" from NASEO Affiliates to help kickstart the discussion, followed by networking and catching up with your favorite NASEO members. Join based on the topic and timing that best suits you.

- 6:00 p.m. ET – 7:00 p.m. ET
 - **“How Tech Can Help Agencies Focus on Policy, Not Paperwork” featuring Esper Regulatory Technologies**

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

Speaker:
Maleka Momand, Chief Executive Officer, Esper Regulatory Technologies
 - **“How to Take the Guesswork Out of Electric Vehicle Policymaking and Program Design” featuring the Center for Sustainable Energy**

Moderator:
Katie Pegan, Deputy Administrator, Idaho Governor's Office of Energy and Mineral Resources

Speaker:
Tyler Petersen, Director, U.S. Transportation Programs, Center for Sustainable Energy
- 7:30 p.m. ET – 8:30 p.m. ET
 - **“Energy Efficient High-Voltage Transmission: An Untapped and Cost-Effective Climate Solution” featuring CTC Global Corporation**

Moderator:
Thom Carter, Energy Advisor and Executive Director, Utah Governor’s Office of Energy Development

Speaker:
Bill White, Director of Business Development, Northeast United States, CTC Global Corporation
 - **“Managing Energy Growth/Use in Controlled Environment Agriculture” featuring GDS Associates**

Moderator:
Jeff Genzer, General Counsel, NASEO

Speaker:
Bethany Reinholtz, CEM/CWEP, Project Manager, GDS Associates, Inc.

Thursday, February 4, 2021

11:30 a.m. ET – 12:00 p.m. ET

Fireside Chat: The Role of Natural Gas in an Era of Technology Innovation and Evolving Energy and Climate Goals

Across the United States, hundreds of millions of homes and businesses rely on natural gas for heat, appliances, and power. As the federal government, states, and cities examine how to achieve increasingly ambitious clean energy and climate goals, the role of natural gas has been a source of ongoing debate. In this chat, attendees will learn about the ways the natural gas industry is innovating and pivoting to advance a lower-carbon, cleaner energy future.

Moderator:

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

Speaker:

Karen Harbert, Chief Executive Officer and President, American Gas Association

12:00 p.m. ET – 12:45 p.m. ET

Zero Emission Vehicles (ZEV): Anticipated Federal Transportation Actions and Investments for High-Impact ZEV Deployment

The Biden administration has set bold electric vehicle infrastructure deployment goals, and Congress is exploring a variety of mechanisms to support zero-emission vehicle deployment at the state and federal level. During this session, speakers will highlight anticipated federal actions to support zero-emission vehicle deployment and discuss implications for the states.

Moderator:

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

Speaker:

Diane Turchetta, Transportation Specialist, Sustainable Transportation and Resilience, Federal Highway Administration, U.S. Department of Transportation

Michael Berube, Acting Deputy Assistant Secretary, Sustainable Transportation, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy

Joe Britton, Executive Director, Zero Emission Transportation Association

12:45 p.m. ET – 1:15 p.m. ET

Breakthrough Solid-State Batteries: What this Change Means for Electric Vehicles and Grid Planning in 2021

Electric vehicle (EV) battery technology is advancing at an unprecedented rate. Several companies have recently announced new breakthroughs in solid-state batteries that will extend battery range and lower the cost of the vehicle, making it possible for EV owners to drive 500 miles on a single charge. This session will hear about the latest advancements in solid-state batteries and explore implications for EV planning and policy development at the state and federal level.

Moderator:

Dr. Will Toor, Director, Colorado Energy Office; Secretary, NASEO Board of Directors

Speaker:

Dr. Venkat Srinivasan, Director, Argonne Collaborative Center for Energy Storage Science

1:15 p.m. ET – 1:45 p.m. ET

State-Federal Electricity Jurisdictional Outlook: Federal Energy Regulatory Commission Perspectives

Federal Energy Regulatory Commission decisions can have a significant impact on state energy policy, blurring the line between federal and state policy and regulation. This session will highlight recent developments and emerging issues at the Commission, and their potential implications for states.

Moderator:

John Williams, Vice President, Policy and Regulatory Affairs, New York State Energy Research and Development Authority; Vice Chair, NASEO Board of Directors

Speaker:

The Honorable Richard Glick, Chairman, Federal Energy Regulatory Commission

2:00 p.m. ET – 2:30 p.m. ET

Congressional Keynote: Energy and Climate Prospects for the U.S. House of Representatives

In this session, hear from U.S. House of Representatives energy leader and climate policy champion, the Honorable Congressman Andy Levin, on key priorities and outlooks in the 117th Congress.

Moderator:

Robert Jackson, Director, Energy Office, Michigan Department of Environment, Great Lakes, and Energy

Speaker:

The Honorable Andy Levin, Member, U.S. House of Representatives (MI-D)

3:00 p.m. ET – 4:00 p.m. ET – **Deep-Dive Breakout Sessions**

- **Breakout One – Wake-Up Calls: Securing Distributed Energy Resources in the Face of Intensifying Cyber Hacks**

The national electric system is undergoing an unprecedented transformation, marked by the rapid pace of technological innovation, the wide-scale integration of distributed energy resources (DERs) such as solar photovoltaics, wind resources, electric vehicles, and batteries as well as a growing confidence and certainty in emerging energy markets. This rapid growth and decentralization have elevated a critical need among public and private stakeholders to evaluate the potential cybersecurity implications of DER deployment. While a major disruption of DERs today might not have a significant effect on system reliability, future reliability overall, it is important to already consider the cybersecurity of DERs, especially as they supply energy to mission and defense critical facilities. This session will take a deep-dive into the federal, state, and industry efforts to secure clean and distributed energy infrastructure against increasingly frequent and severe cyber threats.

Moderator:

Joe Pater, Director, Office of Energy Innovation, Wisconsin Public Service Commission

Speakers:

Kate Marks, Deputy Assistant Secretary, Office of Cybersecurity, Energy Security, and Emergency Response, U.S. Department of Energy
Janette Sandberg, Senior Protection Engineer, Portland General Electric; Chair, Working Group P1547.3, Institute of Electrical and Electronics Engineers
Tony Markel, Senior Engineer, Energy Systems Cyber-Physical Security Research Group, National Renewable Energy Laboratory
Dr. Guohui Yuan, Program Manager, Systems Integration Program, Solar Energy Technologies Office, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy

- **Breakout Two – Programs and Tools for Ultra-Efficient Buildings, Emissions Reduction, and Decarbonization**

Ultra-efficient buildings and strategic electrification are increasingly seen as critical to meeting state energy efficiency and decarbonization goals. This session will examine programs and tools from U.S. Department of Energy, U.S. Environmental Protection Agency, and technology providers to advance the adoption of ultra-efficient buildings and strategic electrification.

Moderator:

Michael Li, Energy and Technology Policy Bureau Chief, Connecticut Department of Energy and Environmental Protection

Speakers:

Dr. Carolyn Snyder, Director, Climate Protection Partnerships Division, U.S. Environmental Protection Agency
Joan Glickman, Acting Program Manager, Residential Buildings Integration Program, Building Technologies Office, Office of Energy Efficiency and Renewable Energy U.S. Department of Energy
Kimberly Llewellyn, Performance Construction Technical Lead, Mitsubishi Electric Trane HVAC US, LLC

4:15 p.m. ET – 5:00 p.m. ET

The Flexible Building Integrated Grid is Arriving: Economic and Emissions Value Streams

Grid flexibility is critical to balancing generation and load, especially as the nation's electric grid relies increasingly on distributed and intermittent resources. This session will explore the value proposition of the flexible grid, including its economic value and promise to achieve significant emissions reductions.

Moderator:

Janine Benner, Director, Oregon Department of Energy

Speakers:

David Nemtzw, Director, Building Technologies Office, Office of Energy Efficiency and Renewable Energy U.S. Department of Energy
James Campbell, Director, Innovation and Sustainability Policy, PacifiCorp/Berkshire Hathaway Energy
Michael Pesin, Deputy Assistant Secretary, Advanced Grid Research and Development, Office of Electricity, U.S. Department of Energy

Friday, February 5, 2021

11:30 a.m. ET – 12:15 p.m. ET

Four Million *and* More: Building Retrofits for Efficiency, Equity, and Jobs

President-Elect Biden's Clean Energy Plan aims to drastically accelerate investments in the built environment over the next four years, calling for the upgrade of four million buildings and the weatherization of two million residences, not to mention the construction of 1.5 million new sustainable homes and housing units. Hear experts discuss the policies and programs that can help the Administration hit the ground running on these ambitious goals, and the urgent need to keep energy efficiency, access, and high-quality jobs as top priorities throughout the implementation process.

Moderator:

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

Speakers:

Paula Glover, President, Alliance to Save Energy

Stephen Cowell, President, E4TheFuture

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

12:30 p.m. ET – 1:00 p.m. ET

Helping States Reach Renewable and Efficiency Goals

The U.S. Department of Energy's Office of Weatherization and Intergovernmental Programs (WIP) works hand-in-hand with State and Territory Energy Offices and other state agencies to deliver impactful and technology-forward renewable and energy efficiency programs. This session will kick-off our final day by offering the latest outlook and assistance plans from WIP to help State and Territory Energy Offices and the Administration meet shared renewable energy and energy efficiency goals as we emerge from the pandemic and pursue economic recovery.

Moderator:

Eddy Trevino, Director, State Energy Conservation Office, Texas Comptroller of Public Accounts; Member, NASEO Board of Directors

Speaker:

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

1:15 p.m. ET – 1:45 p.m. ET

Fireside Chat: Opportunity, Not Threat: How the Propane Industry is "Leaning In" to Address the Climate Challenge

For many households and businesses, propane is a staple for space heating, transportation, and agricultural operations; however, its role in clean energy and climate change solutions is less well-known. In this fireside chat with Tucker Perkins, President and Chief Executive Officer of the Propane Education and Research Council, learn how technological innovation is positioning propane as a tool to enable greater deployment of renewable, zero-carbon energy resources, and how industry players are leaning in to state governments' calls for decarbonization.

Moderator:

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

Speaker:

Tucker Perkins, President and Chief Executive Officer, Propane Education and Research Council

2:00 p.m. ET – 2:30 p.m. ET

Workforce of the Future: The Implications of Technology Changes on Jobs, Economic Growth, and Energy Goals

Technological innovation, automation, and workforce transition are affecting every aspect of the U.S. economy, and the energy sector is no stranger to these changes. In this keynote session, hear insights from Marcela Escobari, expert on development, workforce, and inequality, drawing on analyses of industrial and economic transitions affecting work, wages, skills, and technology adoption at the local level. Attendees will be invited to consider the role energy and climate goals and policies play in shaping the workforce of the future.

Moderator:

Kerry Campbell, Environmental Program Manager, Energy Programs Office, Pennsylvania Department of Environmental Protection

Speaker:

Marcela Escobari, Senior Fellow, Global Economy and Development, Center for Sustainable Development, Brookings Institution

2:30 p.m. ET – 3:15 p.m. ET

Creating the Future: New Energy Technologies and Economic Development

New energy technologies are critical for achieving energy affordability, reliability and resilience, and environmental sustainability. They can propel new industries and income and employment growth to benefit communities, states, the nation and the world. This session will explore opportunities and options for America to innovate and commercialize the energy technologies needed to address the climate challenge and drive productivity and prosperity.

Moderator:

Dr. Sumesh Arora, Director, Energy and Natural Resources Division, Mississippi Development Authority

Speakers:

Jetta Wong, President, JLW Advising; Senior Fellow, Clean Energy Innovation Program, Information Technology and Innovation Foundation
Robin Millican, Director, Advocacy and Government Relations, Breakthrough Energy

3:15 p.m. – 4:15 p.m. – **Deep-Dive Breakout Sessions**

- **Breakout One – Community Solar: State Roles in Funding, Low-to-Moderate Income Access, and Stakeholder Coordination from Conceptualization to Implementation**

Community solar promises great potential for ensuring that all customers have access to the benefits solar energy provides. However, low-to-moderate income (LMI) customers face additional barriers to accessing community solar than other customer classes, including higher

costs of capital, lack of awareness, and systemic inequities in communities that limit potential investment in community solar. This session discusses these barriers and how states, the private sector, and the federal government can work together to promote community solar development for and access by LMI communities.

Moderator:

Lise Trudeau, Emerging Technologies Planning Director, State Energy Office, Minnesota Department of Commerce

Speakers:

Jenny Heeter, Senior Energy Analyst, National Renewable Energy Laboratory
Max Joel, NY-Sun Team Lead, New York State Energy Research Development Authority
Carolyn Elam, Energy Program Strategy Manager, City of Boulder, Colorado
Lenwood Coleman, Chief Program Officer, Groundswell

- **Breakout Two – Overlooked Opportunities: Addressing Heating and Cooling Needs Sustainably, Economically, and Equitable with Fluid Fuels**

As states aim to decarbonize the energy system, they will need to address the role of fluid fuels (e.g., natural gas, propane, bio-heating oil) for building cooling and heating needs. While some see natural gas, propane, and bio-heating oil as bridge fuels to reach decarbonization and strategic electrification goals, others point to significant investments over the next decades that will ensure that these fluid fuels continue to play a role beyond 2030. In addition, the recent energy bill passed by Congress in December 2020 phases out hydrofluorocarbon (HFC) refrigerants and the California Air Resources Board in December approved the first in the national rules to decrease the impact of HFC refrigerants. What is the role of fluid fuels in the next decades? What are ways fluid fuels can provide heating and cooling needs with lower emissions in the near term especially where electrification may be cost-prohibitive? How can new fuels (for example green hydrogen and biogas) be introduced in an economic and equitable way? The session will provide considerations for states as they examine decarbonizing the heating and cooling sectors with fluid fuels in the next decades.

Moderator:

Kenya Stump, Executive Director, Office of Energy Policy, Kentucky Energy and Environment Cabinet

Speakers:

Jacob Peterson, Manager of State Engagement, National Propane Gas Association
Jon Huber, President, National Oilheat Research Alliance
Dr. Laura Nelson, Executive Director, Green Hydrogen Initiative

4:30 p.m. ET – 4:45 p.m. ET

Preliminary Data from NASEO's 2021 Report: State and Territory Survey

Speakers:

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

4:45 p.m. ET – 5:00 p.m. ET

Show Us Your “Office” Contest Winner Announcement and Closing Remarks

Speakers:

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

David Terry, Executive Director, NASEO