

Summary & Biographies

This General Session will focus on what is happening at the federal and state level on infrastructure development and reform to support the future grid. We are considering the topic of infrastructure to broadly include not only transmission build-out, but also on alternative technologies that can help ensure a reliable grid as we are seeing a transition in the electric industry and beyond. We will hear from experts from federal, state and international agencies, as well as experts from industry organizations.



**Allison
Clements**

*FERC
Commissioner*

Commissioner Allison Clements has two decades of public and private sector experience in energy regulation and policy representing utilities, independent power producers, developers and lenders, nonprofits, and philanthropies on grid policy issues. Commissioner Clements is the founder and president of Goodgrid, LLC, an energy policy and strategy consulting firm. Previously, she spent two years as director of the energy markets program at Energy Foundation. Prior to her time at Energy Foundation and Goodgrid, Commissioner Clements worked for a decade at Natural Resources Defense Council in New York, NY, as the organization's corporate counsel and then as director of the Sustainable FERC Project. Before that, Commissioner Clements spent several years in private legal practice with the energy regulatory group at Troutman Sanders LLP (now Troutman Pepper) and then with the project finance and infrastructure group at Chadbourne & Parke LLP (now Norton Rose Fulbright).

Commissioner Clements has served as a federal energy expert in several capacities, including as a member of a National Academies of Sciences committee on grid resilience, as co-chair of the Bipartisan Policy Center's electric grid initiative, and as a clinical visiting lecturer at Yale Law School.

Commissioner Clements grew up in Dayton, Ohio. She has a Bachelor of Science from the University of Michigan and a Juris Doctorate from The George Washington University Law School.



Craig Glazer

*PJM Vice President,
Federal Government
Policy*

Prior to joining PJM, Craig Glazer served as commissioner and chairman of the Public Utilities Commission of Ohio. Glazer oversaw Ohio's move toward deregulation of its telephone, natural gas, transportation and electric industries. He also chaired the state's siting board and served as a member of the governor's cabinet.

Glazer remains extremely active on national electricity issues. He frequently testified before Congress and the Federal Energy Regulatory Commission on the development of regional transmission organizations and the needs of the marketplace. Glazer served as a member of the board of directors of the National Association of Regulatory Utility Commissioners, chair of its International Relations Committee, and a member of its Electricity and Energy Resources committees. He also chaired the National Council on Competition in the Electric Industry – an interagency collaborative, which brought together FERC, the state PUCs, the U.S. Department of Energy, the U.S. EPA and the National Council of State Legislatures.

He has also served as chair of the board of directors of the Northeast Midwest Institute, a bipartisan research arm of the Northeast and Midwest region's congressional delegations. Glazer has served as a member of the advisory councils of the Electric Power Research Institute and the Gas Research Institute.

Glazer is a graduate of the University of Pennsylvania and the Vanderbilt University School of Law.



Jignasa Gadani

*Director of the Office
of Energy Policy and
Innovation, Federal
Energy Regulatory
Commission*

Jignasa Gadani is the Director of the Office of Energy Policy and Innovation at the Federal Energy Regulatory Commission. She joined the Office of Energy Policy and Innovation as the Deputy Director in November 2014. Prior to that, Ms. Gadani served from 2010-2014 as the Director of the East Division in FERC's Office of Energy Market Regulation. Ms. Gadani has held several other positions at the Commission, including as an attorney advisor in the Office of the General Counsel's Energy Markets Division from 2001-2006 and 2009-2010, and as a Legal Advisor to Commissioner Philip D. Moeller from 2006-2009. During law school, Ms. Gadani also worked at the Illinois Commerce Commission.

Ms. Gadani earned a B.A. from DePaul University and a J.D., with a Certificate in Environmental and Energy Law, from Chicago-Kent College of Law, Illinois Institute of Technology.



**Michelle L.
Manary**

*Department of
Energy, Deputy
Assistant Secretary
Energy Resilience*

Michelle Manary was appointed the Acting Deputy Assistant Secretary of Energy Resilience at the Department of Energy in May 2021. She oversees the National Transmission needs including presidential permitting, transmission modeling and analysis, national corridor identification and designation, stakeholder engagement and section 1222 support.

Manary joined the Bonneville Power Administration (BPA), a Power Marketing Administration, in 1998. During that time, she held several management positions within the agency, including Corporate, Power and Transmission.

Manary was the executive vice president of Finance and chief financial officer from September 2018 to May 2021. As CFO, she oversaw the capital and debt management program, accounting, cash management and budgeting for BPA's \$3.7 billion total budget.

From June 2015 to October 2018, Manary was the vice president for Transmission Marketing and Sales. This organization is responsible for transmission sales, customer relations and contracts, transmission commercial automated systems, products and rates, the open access tariff and available transfer capability.

Manary acted as the Vice President of Northwest Requirements Marketing from October 2014 to June 2015. This organization is responsible for marketing power for BPA customers across the region in Western Montana, Washington, Oregon, Idaho and parts of Nevada, Wyoming, Utah and Northern California.

Previously, Manary worked as the director of Strategy Integration at BPA.

Manary has a Bachelor of Science in finance from Linfield University in McMinnville, Oregon, and a Master of Business Administration and Master of Public Administration from Willamette University in Salem, Oregon.

Manary leads a very active personal life, volunteering in the community outreach programs such as Young Life and Blanket Coverage for the homeless. She loves hiking and other outdoor activities.



Gladys Brown Dutrieuille

*Pennsylvania Public
Utility Commission
Chairman*

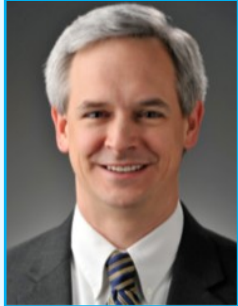
Gladys Brown Dutrieuille is now serving her second term as a Commissioner for the Public Utility Commission, which she has guided as Chairman since 2015.

Chairman Dutrieuille has emphasized a fair and balanced approach to utility and consumer issues, which are deeply interrelated. She has underscored the essential role that public utilities play in bringing services to the most vulnerable members of our communities, and stressed that utility service – including energy, water, communication and transportation – is a human rights issue and a civil rights issue.

With a leadership voice that extends far beyond Pennsylvania, Chairman Dutrieuille serves as First Vice President for the Mid-Atlantic Conference of Regulatory Utilities Commissioners (MACRUC); is a member of the Board of Directors for the National Association of Regulatory Utility Commissioners (NARUC); serves on the Critical Infrastructure Committee, and also is a member of NARUC's new Task Force on Emergency Preparedness, Recovery and Resiliency. She was most recently nominated by NARUC to serve on a new joint Federal-State Task Force on Electric Transmission.

Born and raised in Middletown, PA., Chairman Dutrieuille is a proud graduate of the University of Pittsburgh, where she earned both her bachelor's and Juris Doctorate degrees.

A strong advocate for community involvement, she is a member of the Central Pennsylvania Food Bank Board of Directors, Epsilon Sigma Omega Chapter of Alpha Kappa Alpha Sorority Inc., the Harrisburg Chapter of AABE (American Association of Blacks in Energy), the Pennsylvania Bar Association, the Dauphin County Bar Association, the James S. Bowman Inns of Court, and the Keystone Bar Association.



Ben Kroposki,
Ph.D., PE, IEEE
Fellow

*Director – Power
Systems
Engineering Center*

*National Renewable
Energy Laboratory*

Dr. Ben Kroposki is the Director of the Power Systems Engineering Center at the National Renewable Energy Laboratory (NREL) where he leads NREL's strategic research in the design, planning and operations of electrical power systems. He has over 30 years of experience in the design, testing, and integration of renewable and distributed power systems and has more than 150 publications in these areas with over 8,500 citations. Dr. Kroposki received his BSEE and MSEE from Virginia Tech and a Ph.D. from the Colorado School of Mines. Dr. Kroposki is the recipient of the IEEE Power & Energy Society (PES) Ramakumar Family Renewable Energy Excellence Award. This award has been established to recognize outstanding contributions in the field of developing, utilizing and integrating renewable energy resources in the national and global energy scenarios. As an IEEE Fellow, Dr. Kroposki was recognized for his leadership in renewable and distributed energy systems integration. Dr. Kroposki is also an Adjunct professor at the Colorado School of Mines and University of Colorado and teaches courses on integrating renewable energy into power systems.



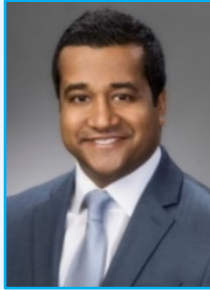
Brent Wanner

*Head of the Power
Sector Unit for the
World Energy
Outlook at the
International Energy
Agency*

Brent Wanner is the Head of the Power Sector Unit for the World Energy Outlook (WEO) at the International Energy Agency (IEA).

In 2021, he led the electricity modelling and analysis for the World Energy Outlook 2021 and was a lead author of the “Global Energy Review” and the landmark report “Net Zero by 2050 – A Roadmap for the Global Energy Sector.”

In more than a decade at the IEA, Wanner has also contributed to 11 World Energy Outlooks and 16 special reports, with deep dives by country including China, India, Mexico and Brazil; by technology such as offshore wind, nuclear, coal- and gas-fired power; and by topic such as investment, pollution and climate change.



Asim Haque

*PJM Vice President,
State and Member
Services*

Asim Haque is an officer of the company and leads the State and Member Services Division. The State Government Policy Team works to assist states in the advancement of their policy initiatives through PJM core business functions and serves in a traditional external affairs role as the primary conduit between PJM and the states. The Member Services team is charged with providing cutting-edge service to PJM members and facilitating the PJM stakeholder process.

Prior to joining PJM, Haque was the chairman of the Public Utilities Commission of Ohio (PUCO). He was appointed to the PUCO by Gov. John R. Kasich in 2013 and was reappointed to a second term in 2016.

As the state's chief regulator, Haque led Ohio through some of the nation's most pressing energy policy discussions. He guided Ohio's Clean Power Plan compliance efforts, adjudicated cases pertaining to the future of baseload power plants in competitive markets, and successfully executed to completion Ohio's grid modernization endeavor, PowerForward.

Haque, an attorney, began his career at a large general practice firm and went on to work as in-house counsel at a global auto manufacturer prior to his appointment to the PUCO.

He is a graduate of Case Western Reserve University, where he graduated cum laude with a bachelor's degree in chemistry and political science. He received his Juris Doctor from The Ohio State University Moritz College of Law, where he was awarded the school's Outstanding Recent Alumnus Award in 2015.



Jeff Dennis

*Advanced Energy
Perspectives,
Managing Director &
General Counsel*

Jeff Dennis leads AEE's work to increase wholesale electricity market access for advanced energy technologies and provides legal advice and counsel to all of AEE's programs. Dennis is a nationally recognized expert in energy law and policy at the federal and state level and a frequent author and speaker. Before joining AEE, Dennis spent over a decade at the Federal Energy Regulatory Commission, holding senior positions including Director of Policy Development and Legal Advisor to a Commissioner. Dennis has also been a lawyer in private practice representing clients in proceedings before FERC, state public utility commissions, and in the courts. In addition to his work at AEE, Dennis is a leader in the American Bar Association's Section of Environment, Energy, and Resources, and serves on the Editorial Board of the Energy Law Journal.



Larry Gasteiger

*WIRES Executive
Director*

Larry Gasteiger, Executive Director of WIRES, oversees the international trade association's initiatives to advance investment in high-voltage transmission. Gasteiger works closely with members to set and pursue the group's regulatory policy agenda, and takes a leadership role in promoting the importance of a robust and resilient grid.

Prior to WIRES, Gasteiger was Chief of Federal Regulatory Policy at Public Service Enterprise Group Incorporated (PSEG), serving from 2016 to 2019. At PSEG, he focused on transmission and wholesale market policy issues and was a regular speaker and panelist at energy industry meetings and conferences.

Gasteiger brings to WIRES deep federal regulatory experience, having spent nearly two decades at the Federal Energy Regulatory Commission (FERC). During his tenure from 1997–2016, he held a variety of senior leadership roles that culminated in his position as Chief of Staff for Chairman Norman Bay. Additionally, Gasteiger was the Acting Director of the Office of Enforcement after having served as the Deputy Director from 2009 to 2014.

Before he joined FERC's Office of Enforcement, Gasteiger was the Director of the Division of Tariffs and Market Development - East in the Office of Energy Market Regulation. Prior to that, he held several other positions at the Commission, including Deputy Associate General Counsel, Legal Advisor to Chairman Joseph T. Kelliher, and attorney in the FERC's Solicitor's Office. Before joining FERC in 1997, Gasteiger was an attorney in the General Counsel's Office at the Commodity Futures Trading Commission, and from 1989 to 1991 he served as a law clerk for the Honorable Edwin M. Kosik in the United States District Court for the Middle District of Pennsylvania.

Gasteiger is a graduate of the University of Pennsylvania and the Dickinson School of Law. He serves on the Board of Directors for Americans for a Clean Energy Grid (ACEG) and the Energy Bar Association (EBA).



Chaz Teplin

RMI, Principal

Chaz Teplin leads RMI's Clean Competitive Grids team within RMI's Carbon-Free Electricity program. The CCG team works to ensure that we build the necessary markets and grid infrastructure required for electricity to be the clean energy backbone of a carbon-free economy. Our work includes wholesale markets, transmission, distribution and equitable deep decarbonization planning. Before joining RMI in 2018, Teplin fabricated and studied new photovoltaic materials and devices at the National Renewable Energy Laboratory and built a wireless building controls system at Terralux, an LED lighting startup. Teplin has five patents and is the lead author of more than 40 peer-reviewed scientific publications. Teplin has a B.A. from Swarthmore College and a Ph.D. in physics from the University of Colorado at Boulder.



Kwafo Adarkwa

*Director, Public
Affairs – ITC
Michigan*

Kwafo Adarkwa is the Director of Public Affairs for ITC Michigan. In this role, he is responsible for building equity and trust with our stakeholders who determine policy outcomes affecting ITC Michigan and leads efforts to build a public policy environment conducive to the company's business priorities.

Prior to his work at ITC, Adarkwa was a Public Utilities Engineer for the Michigan Public Service Commission. He is a multiple-time graduate of Michigan State University holding both a B.S. in Electrical Engineering and an M.B.A. in Integrative Management.

Adarkwa is on the Board of Directors of the East Lansing Educational Foundation. He is also a member of the American Association of Blacks in Energy (AABE) Board of Directors. Additionally, Adarkwa is a Commissioner on the Dr. Martin Luther King Commission of Mid-Michigan.