



WIRES Spring Meeting 2021

APRIL 27TH 2021, 9:00 AM – 12:00 PM ET

VIRTUAL

AGENDA

9:00 - 9:05 AM

WELCOME AND INTRODUCTORY REMARKS

9:05 - 9:40 AM

KEYNOTE ADDRESS

Richard Glick, Chairman, Federal Energy Regulatory Commission

9:45 - 10:45 AM

PANEL 1 – TRANSMISSION PLANNING FOR RENEWABLES

MODERATOR

Dave Weaver, WIRES President, and Vice President, Transmission Strategy, Exelon Corporation

PANELISTS

Judy Chang, Undersecretary of Energy, Massachusetts Executive Office of Energy and Environmental Affairs

John Moore, NRDC, Sustainable FERC Project

Kenneth Seiler, Vice President, Planning, PJM

Charles (Chuck) Marshall, Vice President, ITC Holdings Corp.

11:00 - 12:00 PM

PANEL 2 – FERC ORDER 2222

MODERATOR

Dave Bonenberger, WIRES Board Member, and Vice President, Operations Integration, PPL Corporation

PANELISTS

Tricia DeBleeckere, Planning Director, Regulatory Analysis Division, Minnesota PUC

Kristin Swenson, Senior Advisor, Market Development, Market & Grid Strategy, Midwest ISO

Jacob Tetlow, Senior VP, Operations, Arizona Public Service Company

Arthur (Bud) Vos, President, Enbala



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PRESENTERS

KEYNOTE SPEAKER



Richard Glick

Chairman, Federal Energy Regulatory Commission

Chairman Richard Glick was named by President Biden to be Chairman

of the Federal Energy Regulatory Commission (FERC) on January 21, 2021 and is serving a Commission term that ends June 30, 2022.

Glick was nominated to the FERC by President Donald J. Trump in August 2017 and confirmed by the U.S. Senate on November 2, 2017.

Before joining the Commission, he was general counsel for the Democrats on the Senate Energy and Natural Resources Committee, serving as a senior policy advisor on numerous issues including electricity and renewable energy.

Prior to that, he was vice president of government affairs for Iberdrola's renewable energy, electric and gas utility, and natural gas storage businesses in the United States. He ran the company's Washington, DC, office and was responsible for developing and implementing the U.S. businesses' federal legislative and regulatory policy advocacy strategies.

Glick previously served as a director of government affairs for PPM Energy and before that was director of government affairs for PacifiCorp. He served as a senior policy advisor to U.S. Energy Secretary Bill Richardson, and before that was legislative director and chief counsel to U.S. Senator Dale Bumpers of Arkansas. From 1988-1992 Commissioner Glick was an associate with the law firm of Verner, Liipfert, Bernhard, McPherson and Hand.

He is a graduate of George Washington University and Georgetown Law.

PANEL 1 – TRANSMISSION PLANNING FOR RENEWABLES



MODERATOR

Dave Weaver

WIRES President, and Vice President, Transmission Strategy, Exelon Corporation

As Vice President of Transmission Strategy,

Weaver oversees the company's transmission strategy organization, with responsibility for transmission infrastructure investment, policy, interconnection contracts, planning and strategy across all the Exelon Operating Companies.

Weaver began his career with Exelon in June of 1989, starting with then individual operating company Delmarva Power, transitioning to PECO and then consolidating to Exelon. As an officer of PECO overseeing Technical Services, he had responsibility for distribution standards, capacity planning, project/contract/vegetation management, reliability programs, and capital budget. He has served in various roles throughout his career in engineering, transmission operations, transmission planning, project management and business planning. With over 30 years of experience in the utility industry, Weaver also served as chairperson of the North American Electric Reliability Council (NERC) Planning Committee. Weaver currently serves as the President of WIRES, a non-profit trade association that promotes investment in the electric transmission system.

Weaver received his bachelor's degree in electrical engineering from Drexel University and is a licensed professional engineer.



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PANELIST

Judy Chang

Undersecretary of Energy, Massachusetts Executive Office of Energy and Environmental Affairs

Ms. Judy Chang is the Undersecretary of Energy for Massachusetts. She is leading Massachusetts' effort in setting policies across the energy sector in the state, working across agencies in aligning the strategies and plans for decarbonization. Ms. Chang is an energy economist and policy expert with a background in electrical engineering. Prior to joining Massachusetts' Executive Office of Energy and Environmental Affairs, she co-led the energy practice at The Brattle Group, an economic consulting company, based in Boston, with global presence. Ms. Chang has over 20 years of experience in advising energy companies on regulatory and financial issues, particularly as they relate to investment decisions in transmission, clean energy, and storage. Ms. Chang has submitted expert testimonies to the U.S. Federal Energy Regulatory Commission, U.S. state, and Canadian provincial regulatory authorities on topics related to resource planning; power purchase and sale agreements; and transmission planning, access, and pricing. She has authored numerous reports and articles detailing the economic issues associated with generation and transmission investments; clean energy development; energy storage; and system planning. In addition, she had worked closely with executives and board members of numerous energy companies in developing their corporate strategies.

Ms. Chang has presented at a variety of industry conferences and graduate school seminars on energy and environmental policies, including at Harvard Law School, Tufts' Fletcher School of Law and Diplomacy, and MIT's Sloan School of Management. She holds a Bachelor of Science in Electrical Engineering and Computer Science from University of California, Davis and a Master of Public Policy from Harvard Kennedy School. She is a founding Board member of New England Women in Energy and the Environment.



PANELIST

John Moore

Natural Resources Defense Council (NRDC), Sustainable FERC Project

John Moore focuses on developing a modern, flexible, and efficient high-power electrical grid that will help accelerate renewable and clean energy use. He advocates on behalf of the Sustainable FERC Project and other environmental groups before the Federal Energy Regulatory Commission and regional transmission organizations. Prior to joining NRDC, Moore was a senior attorney at the Environmental Law & Policy Center in Chicago, where he coordinated clean transmission initiatives and managed ELPC's clean energy development program. Moore holds a bachelor's degree in English from Denison University and a JD from the University of Pittsburgh. He is based in Chicago.



PANELIST

Kenneth Seiler

Vice President, Planning, PJM

Kenneth S. Seiler leads PJM's System Planning Division. Seiler is responsible for all activities related to resource adequacy planning, generation interconnection planning, interregional planning and transmission planning, including the development of the Regional Transmission Expansion Plan.

While at PJM, he has served in various management roles in system operations and information technology, in addition to system planning.

Prior to joining PJM, Seiler worked for Metropolitan Edison Company/General Public Utilities for nearly 14 years in various operations and engineering roles. Seiler earned a Bachelor of Science in electrical engineering from The



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Pennsylvania State University and a Master of Business Administration from Lebanon Valley College.



PANELIST

Charles (Chuck) Marshall

Vice President, ITC Holdings Corp.

Charles L. Marshall is Vice President of Transmission planning for ITC Holdings Corp. In

this role, he is responsible for identifying all transmission system needs and developing system solutions to ensure the reliable and economic delivery of electricity to customers across ITC's four operating subsidiaries. Marshall previously served as Director of Transmission at ITC, responsible for ITC's annual planning assessment to ensure compliance with NERC criteria and facilitating customer interconnections to the transmission system.

Marshall joined ITC as an associate engineer in 2004. His experiences range from regulatory policy and stakeholder relations to project engineering and business unit planning.

Marshall earned a Bachelor of Science in Electrical Engineering from Michigan Technological University and a Master of Business Administration from the University of Michigan-Flint.

PANEL 2 – FERC ORDER 2222



MODERATOR

Dave Bonenberger

WIRES Board Member, and Vice President, Operations Integration, PPL Corporation

David J. Bonenberger is vice president of

Operations Integration. In this role, he has primary responsibility for the successful operational integration of the Narragansett Electric acquisition into PPL including creation of transition/integration strategy, implementation of change management across multiple stakeholder groups, and achievement of acquisition business case revenue and pretax income.

In his previous role, Bonenberger was Vice President of Transmission & Substations. He oversaw the operations, planning, engineering, project & construction management, siting, real estate, compliance, and operations to ensure safe and reliable service while providing exceptional customer service at a reasonable cost. He also managed new transmission business ventures.

Bonenberger joined PPL in 1984 as assistant field office manager at PPL's Susquehanna nuclear power plant. Over the course of his tenure, he has held various positions in the corporate audit, financial, customer service and operations departments with increased levels of responsibility. He played a key role in the startup of the PPL EnergyPlus retail business and PPL Solutions in the unregulated markets. He has also served as Vice President Distribution Operations, general manager-Transmission & Substations, director of Distribution Operations and regional director of the utility's central region.

Bonenberger holds a bachelor's degree in accounting from Bloomsburg University and a master's in business administration from Wilkes University.



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PANELIST

Tricia DeBleekere

**Planning Director,
Regulatory Analysis
Division, Minnesota PUC**

Tricia DeBleekere is currently a Planning Director with the MN

PUC. She has been working in the industry for 20-years, and the State of Minnesota for 12 years. Most recently her work has focused the integration of DER into wholesale markets, state distribution planning requirements, and advanced grid infrastructure cost evaluations. DeBleekere is Chair of the OMS DER Work Group and Chair of the MISO DER Task Force. She holds a degree in Environmental Science from the University of Minnesota.



PANELIST

Kristin Swenson

**Senior Advisor, Market
Development, Market &
Grid Strategy, Midwest
ISO**

Kristin Swenson began her energy career in

project development for industrial-scale wind, which grew to include renewable construction, investor management, forecasting and performance optimization, project finance, commercial energy contracts, and market operations.

She has experience in renewable energy project origination, development and permitting at the state, provincial, and Federal level, as well as contract negotiation including management of detailed technical issues. Swenson has managed asset operations in the US and Canada, working on facilities in ERCOT, MISO, PJM, CAISO, Quebec, Ontario, and Manitoba.

Joining MISO in 2018, Swenson has been working on distributed energy resources (DER) and the continued energy transition. She has a BA in Training and Process Development from Metropolitan State University and an MBA from the University of Minnesota.



PANELIST

Jacob Tetlow

**Senior VP, Operations,
Arizona Public Service
Company**

Jacob Tetlow is senior vice president, operations for Arizona Public Service

Company (APS). Based in Phoenix, APS is Arizona's largest electric company and serves nearly 1.3 million customers across the state. Tetlow oversees safe, reliable, and efficient operations of the company's non-nuclear generation fleet; environmental, facilities and transportation services; and energy delivery function, which includes system operations, maintenance, engineering and construction of the transmission and distribution system. Tetlow earned a Bachelor of Science degree in mechanical engineering from ASU.



PANELIST

Arthur (Bud) Vos

President, Enbala

With more than 20 years of experience with distributed energy and start-ups, Bud Vos has in-depth experience with

providing high-value software solutions. As president and CEO of Enbala, Vos is leading the company as it continues to expand its industry-leading Virtual Power Plant and DERMS solutions. Vos previously served as the COO of Simple Energy, a SaaS-based company that leverages data analytics to motivate utility customers to save energy. He was also senior vice president of utility sales and CTO of Converge, a leading provider of integrated demand response, energy efficiency and customer engagement solutions. In addition, Vos was founder and vice president of engineering at Sixth Dimension, a provider of Internet-based control systems for demand response and distributed generation systems.