

NECPUC/DOE ENERGY STORAGE WEBINAR SERIES:

New England PUCs Roundtable

April 30, 2021 12:00 PM - 2:30 PM (ET)

Agenda & Speaker Biographies

Presented by New England Conference of Public Utilities Commissioners,
U.S. DOE Office of Electricity Energy Storage Program,
Sandia National Labs, Pacific Northwest National Lab, and Clean Energy States Alliance

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Meeting will be open ½ hour early so you can test your connections

Energy storage is a key ingredient in helping the region meet our energy goals. Storage can play an important role in unleashing the power of renewables, relieving generation, transmission, and distribution demands, and hastening our energy transition to a cleaner future. To further our knowledge and share information, NECPUC Commissioners and Staff are invited to participate in a series of energy storage webinars presented in collaboration with US DOE Office of Electricity Energy Storage Program, Sandia National Laboratories, and Pacific Northwest National Laboratory. Experts from the national labs, regional agencies and other organizations and institutions will provide content, with time for discussion and questions.

April 30, 2021 – New England PUCs Roundtable

12:00 - 12:15	Introduction Dr. Imre Gyuk, Director, DOE Office of Electricity Energy Storage (ES) Program
12:15 - 1:30	NE States PUC Roundtable: Dockets, Decisions, and Challenges Facing Commissions Moderator: Joan White, VT Public Utility Commission Josh Ryor, CT Public Utilities Regulatory Authority Emma Rodvien, RI Public Utilities Commission Mike Judge, MA Department of Public Utilities Liz Nixon, NH Public Utilities Commission Denis Bergeron, ME Public Utilities Commission
1:30 - 1:40	Q&A / Discussion
1:40 - 2:00	CESA Policy Best Practices for NE States Todd Olinsky-Paul, Clean Energy Group and Clean Energy States Alliance
2:00 - 2:30	Reflections on State Presentations Will McNamara, Sandia National Laboratories (SNL)



U.S. DEPARTMENT OF
ENERGY



Speaker Biographies



After taking a B.S. from Fordham University, Dr. Imre Gyuk did graduate work at Brown University on Superconductivity. Having received a Ph.D. in Theoretical Particle Physics from Purdue University he became a Research Associate at Syracuse. As an Assistant Professor he taught Physics, Civil Engineering, and Environmental Architecture at the University of Wisconsin. Dr. Gyuk became an Associate Professor in the Department of Physics at Kuwait University where he became interested in issues of sustainability. Dr. Gyuk joined the Department of Energy to manage the Thermal and Physical Storage program. For the past two decades he has directed the Electrical Energy Storage research program in the Office of Electricity, developing a wide portfolio of storage technologies for a broad spectrum of applications. He supervised the \$185M ARRA stimulus funding for Grid Scale Energy Storage Demonstrations and is now partnering with the States on numerous storage projects for grid resilience. His work has led to 12 R&D 100 awards, two EPA Green Chemistry Challenge Awards, and Lifetime Achievement Awards from ESA and NAATBatt. He is internationally recognized as a leader in the energy storage field.



Joan White is a Hearing Officer and Analyst with the Vermont Public Utility Commission. With 10 years of experience in the energy sector, Joan has worked on renewable energy policy and program design, legislative affairs, economic regulation, and long-range modeling. At the Vermont PUC, she works on grid modernization and distributed energy resources as well as rate making. She brings an interdisciplinary lens to complex problems in the energy sector as she holds a Master's of Science, a Master's of Environmental Law and Policy, *summa cum laude*, and a certificate in Energy Law. Prior to her career in energy, Joan worked in Russian area studies at the Woodrow Wilson Center, the National Endowment for Democracy, and Harvard University. She holds a Bachelor's in Russian, International Relations, and Economics. She lives outside Montpelier, Vermont with her husband and two sons.



Josh Ryor is the Director of Utility Programs and Initiatives at the Connecticut Public Utilities Regulatory Authority (PURA). In this role, Josh oversees the state's utility-administered renewable energy and arrearage forgiveness programs, as well as the utilities' vegetation management, cybersecurity, and emergency response plans and PURA's key initiatives including its Framework for an Equitable Modern Grid. Prior to his current position, Josh served as Advisor to PURA Chairman Marissa Gillett. Before joining PURA, Josh spent the better part of a decade in various roles focused on sustainable energy technologies, utility regulation, public policy, energy economics, and corporate sustainability, most notably at the Connecticut Department of Energy and Environmental Protection and the World Resources Institute. Josh holds a Bachelors degree in Physics and Economics from the College of the Holy Cross, receiving the Nugent Gold Medal in 2010, and a Masters of Science with distinction in Sustainable Energy Systems from the University of Edinburgh, in addition to a Certificate in Financing and Deploying Clean Energy from Yale University.



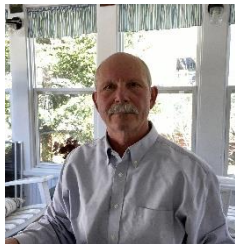
Emma serves as the Programming Services Officer at the Rhode Island PUC. In that role, she analyzes utility ratemaking, program design and policy, with a focus on the electric power sector. Emma was previously a Department of Energy research fellow at the Rhode Island PUC, during which she studied the relationships between rate design, energy markets, and customer adoption of renewable energy resources. Before moving to the PUC, Emma was a solar energy policy advocate in Washington, DC. She holds a Bachelors of Arts in Environmental Policy from the College of William & Mary.



Michael Judge has served as the Director of the Electric Power Division at the Department of Public Utilities (DPU) since July 2019. In this role, he is responsible for the directing Department activity related to distributed energy resources, electric power supply, electric service quality and reliability, energy efficiency, energy resilience, grid modernization, interconnection, long-term contracts, net metering, and storm and emergency planning and response. Prior to his time at the DPU, he spent nearly 10 years with the Department of Energy Resources, including four years as Director of the Renewable and Alternative Energy Division. In that role, he managed the Division as it designed and implemented renewable and alternative energy policy and programs for the Commonwealth, such as the Commonwealth's RPS/APS programs and the SMART Program. Prior to his time at DOER, he worked at the Massachusetts Clean Energy Center on the implementation and administration of its solar rebate programs. He is a graduate of UMass Amherst.



Elizabeth Nixon is a Utility Analyst at the New Hampshire Public Utilities Commission (NH PUC), Electric Division. She reviews and analyzes various utility programs, especially the benefit/cost methodology, including the statewide energy efficiency program, battery storage programs, electric vehicle options, non-wire solutions, and alternative rate designs. She also provides input into the development of an alternative net metering tariff, is part of the grid modernization team, and reviews electric utility distribution rate cases. While at the NH PUC, Sustainable Energy Division, Liz managed the renewable portfolio standard and commercial and industrial solar rebate programs. Previously, she worked at the NH Department of Environmental Services as well as a nonprofit and consulting firms on energy, environmental, and air emission trading issues. She holds a B.S. in Mathematics from the University of Vermont.



Denis Bergeron has worked for the Maine Public Utilities Commission for over 30 years on energy issues in both the electric and gas utility industries. During that time, he has been involved in the review and modeling of utility integrated resource plans, directed the State's energy efficiency programs, and been involved in the development and implementation of post restructuring market rules at both the wholesale and retail levels. His current focus is on wholesale electric markets and regional transmission planning. Before joining the Maine PUC, Denis worked for the State of Utah Energy Office, where he served as the organization's engineering resource for solar energy and cogeneration projects and inquiries. Education: University of Utah, B.S. Mechanical Engineering, 1985, University of Maine, B.S. Park and Recreation Management, 1978, University of Maine, A.S. Resource and Business Management, 1975



Todd Olinsky-Paul is senior project director for Clean Energy Group and Clean Energy States Alliance (CESA). Todd directs the Energy Storage Technology Advancement Partnership (ESTAP), a federal-state funding and information sharing project funded by US DOE Office of Electricity and conducted through a contract with Sandia National Laboratories. ESTAP aims to accelerate the deployment of electrical energy storage technologies in the United States. Todd also works with state energy agencies to advance state energy storage policy, programs and regulation.



Will McNamara serves as Grid Energy Storage Policy Analyst for Sandia National Laboratories with a focus on energy storage policy development at the federal and state levels. Will has spent his entire 23-year career in the energy and utilities industry with a concentration on regulatory and legislative policy. He has served as a lobbyist in California and has represented major utilities across the U.S. in numerous jurisdictions in proceedings pertaining to integrated resource planning, procurement, cost recovery, rate design, and the development of policymaking best practices. Will's areas of subject matter expertise, in addition to energy storage policy, include distributed energy resources, AMI/smart grid, renewables, and competitive retail markets.

