

NECPUC/DOE ENERGY STORAGE WEBINAR SERIES:

Best Practices, Equity, Q&A

June 25, 2021 12:00 PM – 2:00 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.

June 25, 2021 – Best Practices, Equity, Q&A

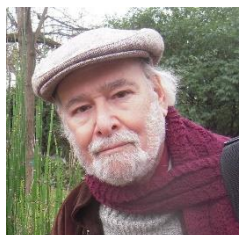
12:00 - 12:20	ES, Equity, and Resilience Dr. Imre Gyuk, Director, DOE Office of Electricity Energy Storage (ES) Program
12:20 - 12:40	CESA Policy Best Practices for NE States Todd Olinsky-Paul, Clean Energy Group and Clean Energy States Alliance
12:40 - 12:50	Q&A/Discussion
12:50 - 1:30	Energy Equity and Storage Will McNamara, Sandia National Labs (SNL) Rebecca O'Neil, Pacific Northwest National Lab (PNNL)
1:30 - 1:40	Q&A/ Discussion on Equity
1:40 - 2:00	Final Wrap-up and Outlook Dr. Imre Gyuk, Director, DOE Office of Electricity Energy Storage (ES) Program



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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.



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.



Ms. Rebecca O'Neil is an advisor for Pacific Northwest National Laboratory. In her career at the Laboratory, she has served as the lab relationship manager for the US DOE EERE Renewable Energy portfolio, served a rotation into the U.S. Department of Energy's Water Power Technologies Office to develop a hydropower-grid research program, and led the regulatory area for energy storage. Her research interests relate to energy justice, energy storage, community-scale innovation, sustainable hydropower and marine energy development. She joined PNNL in 2015 from the Oregon Department of Energy, where she represented the agency on water power development, oversaw the state renewable portfolio standard, and ran a multi-million-dollar portfolio of federal grants ranging from renewable energy feasibility studies, agricultural efficiency measures, energy assurance, and woodstove replacement programs. Before her state service, she managed the multifamily energy efficiency program for the Energy Trust of Oregon, administering incentives to drive upgrades in multifamily dwellings. For years, Rebecca represented a coalition of river conservation and recreation organizations in federal hydropower dam licensing, becoming a recognized and published expert in the regulatory process and the relationship between hydropower operations and environmental effects. She serves on multiple organizational boards and advisory groups related to renewable energy. Unrelated to energy, Rebecca has served as



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an AmeriCorps-VISTA teaching childhood literacy in rural Kentucky. As a Wagoner Scholar, she conducted Honors work in Cape Town, South Africa, producing a thesis on the role of literacy in manumission. She is a civilian advisory graduate of the National Security Seminar at the U.S. Army War College in Carlisle, Pennsylvania. She earned a B.A. from Rice University in Houston.



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