

# NECPUC/DOE ENERGY STORAGE WEBINAR SERIES:

## Federal and Regional Issue

June 4, 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 4, 2021 – Federal and Regional Issues

12:00 - 12:10	Introductory Comments Dr. Imre Gyuk, Director, DOE Office of Electricity Energy Storage (ES) Program
12:10 - 12:50	Federal Policy and Storage, and FERC Orders 841, 2222, and 2222a Mike Berlinski, Director - Emerging Technology, Customized Energy Solutions Joan White, Hearing Officer, Vermont Public Utility Commission
12:50 - 1:05	Q&A
1:05 - 1:45	ISO-NE Panel on Storage in Regional Markets Molly Connors, External Affairs Representative, ISO New England Hanhan Hammer, Lead Analyst, Market Development, ISO New England Jennifer Wolfson, Senior Regulatory Counsel, ISO New England
1:45 - 2:00	Q&A



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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.



Mike joined CES in 2014 in the Emerging Technologies group and is a recognized leader in the energy storage industry. Mike assists his clients by providing market intelligence, guidance for project development, and market analysis. Mike is an expert in FERC-related energy storage issues, and has specialized expertise in the New England, New York, and PJM markets. Mike's work supports clients engaged in the advancement of nondiscriminatory and efficient wholesale market rules for electric storage resources. Previously, Mike was Manager of Regulatory Affairs at a leading energy storage developer and was very active in promoting rules to enhance market opportunities for storage resources. He also helped bring new energy storage projects online, and assisted with their operational and financial management. Prior to that, Mike held various energy consulting positions in the private and public sectors. Mike holds an MS in Technology and Policy from MIT and a Bachelor's degree in Physics from Wesleyan University.



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.



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Molly Connors is an External Affairs Representative for ISO New England, where she is responsible for performing outreach to government officials in the New England states, with a particular focus on Vermont. Prior to coming to ISO New England in 2016, she worked in the New Hampshire Governor's Office and was a reporter for a variety of news outlets throughout New England. She holds a BA and an MS from Boston University. When she is not working, she enjoys long walks in the woods with her dog, Boudicca Ruthee.



Hanhan Hammer is a Lead Analyst in Market Development at ISO New England. Previously, she worked in wholesale power markets at Midcontinent ISO and Southwest Power Pool before joining ISO New England. Hanhan has been focused on market rules to integrate energy storage and co-located resources into the New England power markets. Currently, she is leading the effort to facilitate Distribution Energy Resource (DER) aggregation participation in the New England wholesale power markets. Hanhan holds a Master's in economics and a Master's in Business Administration.



Jennifer Wolfson is senior regulatory counsel at ISO New England, where she serves as the lead attorney on the company's electric storage, demand response, and energy efficiency endeavors. In this role, she helps develop changes to New England's wholesale electricity market rules and codify changes in the ISO's governing documents. Prior to joining the ISO in 2014, Ms. Wolfson was an analyst in the Office of Energy Market Regulation East at the Federal Energy Regulatory Commission, where she formulated and drafted agency responses to wide range of proposals and complaints from electric industry participants. Ms. Wolfson holds a J.D. from Northeastern University School of Law in Boston, Mass., and a B.A. in Economics from Grinnell College in Grinnell, Iowa. She graduated from Stuyvesant High School in NYC and is admitted to the bar in California and the District of Columbia.



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