

NECPUC/DOE ENERGY STORAGE WEBINAR SERIES: The Value of Storage and State Agency Roundtable

April 16, 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 16, 2021 – The Value of Storage and State Agency Roundtable

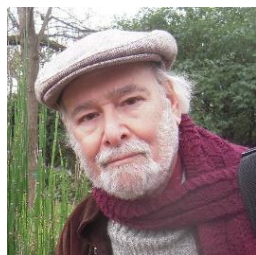
12:00 - 12:10	Introduction Dr. Imre Gyuk, Director, DOE Office of Electricity Energy Storage (ES) Program
12:10 - 12:30	Connecticut Green Bank - Different Valuation Approaches Sergio Carrillo, CT Green Bank
12:30 - 1:15	Massachusetts State of ES, Clean Peak Energy Standard, and CEC Programs Will Lauwers, MA Department of Energy Resources Dr. Ariel Horowitz, MA Clean Energy Center
1:15 - 1:25	Q&A / Discussion
1:25 - 2:15	State Energy Agencies Roundtable Moderator: Todd Olinsky-Paul, Clean Energy Group and Clean Energy States Alliance Anne Margolis, VT Department of Public Service Dr. Carrie Gill, RI Office of Energy Resources Ethan Tremblay, ME Governor's Energy Office Eric Annes, CT Department of Energy and Environmental Protection
2:15 - 2:30	Q&A / Discussion



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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.



Sergio Carrillo is Director of Incentive Programs with the Connecticut Green Bank, where he oversees all programs and efforts designed to deploy clean energy through incentives by the Green Bank. The Incentive Business's current programs include the Residential Solar Investment Program (RSIP), the Smart-E Loan, and the Solar for All Program. Before joining the Connecticut Green Bank, Sergio worked with Chesapeake Utilities Corporation where he held several positions, including Manager of Rates, Contracts and Regulatory Affairs, and most recently acted as Director of Corporate Development, overseeing Strategy development and implementation. Sergio also has extensive experience leading retail electricity pricing to residential, commercial, and industrial customers, as well as wholesale pricing procurement processes. He holds a B.S. degree in Civil Engineering, a M.Sc. in Petroleum and Natural Gas Engineering from Penn State University, and an MBA from Duke University – The Fuqua School of Business.



Will Lauwers is Director of the Emerging Technologies Division at the Massachusetts Department of Energy Resources. The Division's current focus areas include electric vehicles, energy storage, and energy resilience. He holds a Masters in Material Science and a B.S. in Mechanical Engineering.



Ariel Horowitz is Senior Program Director at the Massachusetts Clean Energy Center. Ariel oversees much of MassCEC's work supporting commercialization of new energy innovations by researchers and early-stage companies and directs MassCEC's market development work related to resiliency, energy storage, and clean transportation. Ariel joined MassCEC from Synapse Energy Economics, where she provided expert witnessing services and analytical support to clients including US EPA and state regulators. She holds a PhD in Chemical Engineering from Tufts University and a Bachelor's of Science in Engineering from Swarthmore College.



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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.



Anne Margolis is the Deputy Planning Director at the Vermont Department of Public Service, where she works on policies and programs to advance Vermont's energy goals, including the Renewable Energy Standard and the Comprehensive Energy Plan. Anne has previously managed the Department's Clean Energy Development Fund and served as its Renewable Energy Development Manager. She is also a graduate of Dartmouth College, an alternate on the Vermont District 3 Environmental Commission, and a Justice of the Peace for the town of Corinth, Vermont.



Carrie A. Gill is Administrator, Grid Modernization and Systems Integration for the Rhode Island Office of Energy Resources, primarily focusing on statewide energy systems in order to advance state energy and environmental policy goals. Dr. Gill works closely with all electric and natural gas utilities in Rhode Island, collaborates across agencies, and engages stakeholders around focus areas of distribution system planning, grid modernization, non-wires solutions, energy efficiency, program evaluation, and climate resilience. Dr. Gill has over a decade of experience in energy and environmental fields, including academic, government, and industry experience. Dr. Gill has a doctorate in Environmental and Natural Resource Economics, a Masters in Business Administration and a Masters in Oceanography from University of Rhode Island, and a Bachelors in Physics and Mathematics from Loyola College.



Ethan Tremblay serves as the solar and storage analyst for the Maine Governor's Energy Office. Before joining the office he worked in the private sector providing energy efficiency program administrators and utilities with program evaluation, customer analytics, and data management services. Ethan earned his Master of Science in Resource Economics and Policy from the University of Maine.



Eric Annes (CT) is a Research Analyst Supervisor with the Connecticut Department of Energy and Environmental Protection (DEEP) Eric has served as lead staff supporting the Connecticut NESCOE manager since he joined DEEP. He regularly attends all the various NEPOOL sector meetings on behalf of the DEEP Commissioner and Connecticut NESCOE manager. Eric has also been lead staff on several of Connecticut's procurements of clean and renewable energy and staffed the Connecticut Integrated Resources Plan. Prior to joining DEEP, Eric was a commercial litigator in Connecticut.



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