



## **Decarbonizing/Electrifying the Building Sector**

Friday, June 21, 2019, 9:00 am - 12:30 pm  
Bios of Speakers/Moderator



**Dr. Cutler J. Cleveland** is Professor of Earth and Environment at Boston University. He is the author and editor of acclaimed reference works on energy, including the *Encyclopedia of Energy* (Elsevier, 2004) and *Energy and Climate Change: A Primer* (Trinity, 2013). Cutler is the Founding Editor-in-Chief of the *Encyclopedia of Earth*, named the Best Geoscience Website by the Geoscience Information Society. His research on the valuation of ecosystem services, funded by the National Science Foundation, is highlighted in NSF's Top Discoveries series.

Cutler has been a consultant to numerous private and public organizations, including the Asian Development Bank, the United Nations Commission on Sustainable Development, Charles River Associates, the Energy Information Administration, and the U.S. EPA.

He holds a B.S. in Ecology from Cornell, an MS in Marine Science from Louisiana State, and a Ph. D. in Geography from the University of Illinois at Urbana-Champaign.



**Sue Coakley** is the founder and Executive Director of NEEP, as well as a member of its Board. She leads NEEP's efforts to transform markets to deliver high efficiency solutions on a regional scale, providing strategic direction for NEEP's development and operations, and managing its relationships with a broad base of funders.

Prior to founding NEEP, Sue was the lead staff on energy efficiency at the Massachusetts Department of Public Utilities. She has also served as an expert witness and directed collaborative efforts to develop, implement and evaluate ratepayer-funded energy efficiency programs. She began her career in clean energy solutions in the early 1980's, when she helped bring online one of the first commercial landfill gas-to-energy facilities in the country.

Sue holds an MS in natural resource management and administration from Antioch/New England Graduate School and a BS in environmental science from Windham College.



**Eric Dubin** is Senior Director of Utilities and Performance Construction at Mitsubishi Electric Cooling and Heating. He leads a national team of utility program managers who work with the nation's electric utilities to create beneficial air source heat pump policy. His team works with states, municipalities, and efficiency organizations to train and educate the public about the growing heat pump sector. He also leads a group of performance construction and building science experts who train builders and remodelers on the benefits of high-performance home electrification utilizing air source heat pumps.

Prior to joining Mitsubishi Electric, Eric worked in a variety of engineering, sales, and project management roles for National Grid. Eric earned a BS in civil and environmental engineering from UMass Amherst, and an MBA from Boston University.



**Mackay Miller** is a Director in the U.S. Strategy division of National Grid, where he leads analysis on energy transition and low-carbon business models. Prior to joining National Grid, he worked for six years at the National Renewable Energy Laboratory (NREL), including a 2015 assignment to the U.S. Department of Energy supporting international clean energy policy in the lead-up to the Paris Accords.

Mackay holds an MBA from the University of Colorado, and a BA in International Relations from Brown University.



**Commissioner Andrew McAllister** was appointed to the California Energy Commission by Governor Edmund G. Brown in 2012 and reappointed in 2017. He is lead Commissioner on energy efficiency and forecasting.

Andrew has worked for three decades in a variety of capacities across the utility, energy efficiency, and renewable energy arenas. Prior to joining the CEC, he was a managing director and policy director of a clean energy non-profit; a consulting project manager in California as well as in many developing countries; and an energy efficiency analyst at Lawrence Berkeley National Laboratory.

Andrew holds M.S. and Ph.D. degrees from UC Berkeley and served as a Peace Corps Volunteer.



**Alicia Barton** is president and CEO of the New York State Energy Research and Development Authority (NYSERDA), a public benefit corporation supporting innovative energy solutions to improve New York State's economy and environment.

Prior to joining NYSERDA, Alicia served as co-chair of the Energy and Cleantech Practice at Foley Hoag, LLP. Previous positions include COO of the Global Utility business unit at SunEdison; CEO of the Massachusetts Clean Energy Center (MassCEC); Deputy Commissioner for Policy and Planning for the Massachusetts Department of Environmental Protection (MassDEP); and Deputy General Counsel at the Executive Office of Energy and Environmental Affairs (EEA).

Alicia earned a BS in Natural Resources from Ohio State and a JD from Boston College Law School.



**Judith Judson** was appointed as Commissioner of the Department of Energy Resources in 2015. Prior to joining the DOER, she worked at Customized Energy Solutions as Director of Emerging Technologies for the U.S., where she advised clients on using innovative technologies to cost-effectively modernize the US electric grid.

Prior to her work at Customized Energy Solutions, Judith served as Vice President of Asset Management and Market Development at Beacon Power LLC, a Massachusetts-based clean energy technology company. As a nationally recognized expert on energy storage, Judith has participated in numerous hearings and technical conferences at the Federal Energy Regulatory Commission and the U.S. Department of Energy.

Judith chairs the Massachusetts Energy Efficiency Advisory Council and represents Massachusetts on the Boards of the Regional Greenhouse Gas Initiative Inc. and Massachusetts Clean Energy Center. Previously Judith served as Chairman and Commissioner of the Massachusetts Public Utilities Commission during the Romney Administration. She holds an M.B.A. from Harvard and a BS in Mechanical Engineering from Kettering.



**Dr. Jonathan Raab** has served as the convener and moderator of the New England Electricity Restructuring Roundtable since 1995, and of the Energy Policy Roundtable in the PJM Footprint since 2016. A national leader in applying consensus building processes to energy, environmental, and regulatory issues, some of his major cases include the Regional Greenhouse Gas Initiative (RGGI); the New England Demand Response Initiative (NEDRI); the Greenhouse Gas planning processes for the City of Boston, Maine, and Rhode Island; RPS rules for Massachusetts and Rhode Island; the energy plan for Tennessee; energy efficiency stakeholder processes in California, New Hampshire, and Massachusetts; market rules for Alberta; and Grid Modernization in Massachusetts, New Hampshire and Rhode Island. He has also run stakeholder processes for U.S. DOE, U.S Fish & Wildlife, and U.S. EPA. Jonathan assisted both PJM and MISO in reforming their respective stakeholder processes.

Prior to establishing Raab Associates, Jonathan was the Assistant Director of the Electric Power Division at the Massachusetts DPU. He holds a Ph.D. from MIT, and an M.S. and A.B. from Stanford. He has taught courses at the University of Oregon, Stanford, UMass (Boston) and MIT and is the author of *Using Consensus Building to Improve Utility Regulation*.