

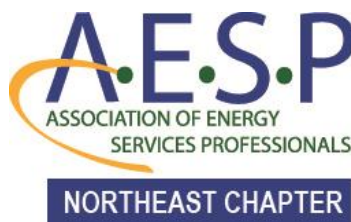


EBC Energy Resources Program Efficiency as a Grid Resource

Tuesday, October 30, 2018

Brown Rudnick, LLP | Boston, MA

Thank you to our Collaborating Organization



AGENDA

- 8:00 a.m. **Welcome: Briony Angus**, Chair, EBC Energy Resources Committee
Senior Project Manager / Associate, Tighe & Bond
- Welcome to Brown Rudnick: Greg Sampson**, Counselor at Law, Brown Rudnick LLP
- Program Overview - Purpose and What You Will Learn**
- Matthew Christie, Program Co-Chair; Director – Energy Efficiency, TRC
 - Tom Rooney, Program Co-Chair; Vice President, Programs, TRC
- 8:20 a.m. **Distributed Energy Resources in Markets and System Planning**
- Eric Winkler, Principal, Winkler Energy Consulting, LLC
- 8:45 a.m. **Energy Efficiency: Innovation in Technology & Delivery**
- Ariel Horowitz, Director of Technology Development
Massachusetts Clean Energy Center
- 9:10 a.m. **Utility Programs – Bringing Demand Side Resources into the Mix:
Commercial and Industrial**
- Roshan Bhatka, Supervisor, Large C/I Efficiency Programs, Eversource Energy
- 9:35 a.m. **Utility Programs – Bringing Demand Side Resources into the Mix: Residential**
- Tom Palma, Manager of Distributed Energy Resources
Planning and Design, Unutil
- 10:00 a.m. **Networking Break**

10:30 a.m. Panel Discussion

Panel Moderator: Matthew Christie, TRC

Panelists:

- Roshan Bhatka, Eversource Energy
- Ariel Horowitz, Massachusetts Clean Energy Center
- Tom Palma, Unitil
- Eric Winkler, Winkler Energy Consulting, LLC

11:30 a.m. Adjourn – Closing Remarks

PROGRAM CO-CHAIRS

Matthew Christie, Director – Energy Efficiency

TRC

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Matthew Christie has 9 years' experience with residential energy efficiency. His career has focused on advancing construction practices and energy codes towards zero-net energy construction. His work experience includes designing and implementing residential new construction utility incentive programs, supporting code-readiness initiatives, and developing training and education tools. His expertise in energy modeling, building science, data, and process analysis, bring a rounded approach to the residential new construction utility program market.

Mr. Christie's utility consulting work has focused on the future needs of the utility market; including topics such as decarbonization, grid-harmonization, electrification, resiliency, new utility business models, net and time-of-use energy metering, home-energy management, and battery storage.

Tom Rooney, Vice President, Programs

TRC

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Mr. Rooney has more than 30 years of experience in the energy industry with a primary focus on designing, implementing, and evaluating energy efficiency programs. As Vice President of Programs for TRC's Advanced Energy group, he provides senior-level oversight of TRC's suite of residential and commercial / industrial energy efficiency programs throughout the U.S. Mr. Rooney has been involved in the design and launch of several nationally recognized programs, including the EPA's ENERGY STAR® Homes Program, NYSERDA's Multifamily Performance Program, and the New Jersey Pay for Performance Program. Mr. Rooney has authored several technical and programmatic papers for the ACEEE Summer Study in Buildings, the AESP National Conference, and the International Energy Program Evaluation Conference (IEPEC).

SPEAKERS

Roshan Bhakta, Supervisor, Large C/I Efficiency Programs
Eversource Energy
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Roshan Bhakta is a Supervisor of Energy Efficiency Implementation at Eversource Energy. At Eversource, Mr. Bhakta administers the energy efficiency programs for commercial and industrial customers in Massachusetts. This includes deployment of Eversource's behind the meter peak load mitigation programs. Prior to joining Eversource he provided energy master planning for the US Army. He is a graduate of Boston University in mechanical engineering and a Certified Energy Manager.

Ariel Horowitz, Director of Technology Development
Massachusetts Clean Energy Center
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Ariel Horowitz is an expert in energy technologies, policies, and markets. As Director of Technology Development at MassCEC, Ariel oversees much of MassCEC's work with researchers and early-stage companies, including the Catalyst, InnovateMass, AmplifyMass, and DeployMass programs. Ariel also oversees MassCEC's Community Microgrid program and related resiliency work. Ariel joined MassCEC from Synapse Energy Economics, where she provided expert witnessing services and analytical and regulatory support to a variety of public interest clients, including US EPA and state energy, environmental, and utility regulators in Puerto Rico, New Jersey, and Massachusetts. Ariel holds a PhD in Chemical Engineering from Tufts University and a Bachelor's of Science in Engineering from Swarthmore College.

Tom Palma, Manager of Distributed Energy Resources, Planning and Design
Unitil
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Tom Palma is the Manager of Distributed Energy Resources, Planning and Design for Unitil, which operates energy efficiency programs in MA and NH. In this role, his main function is to manage the design and planning of Unitil's energy efficiency programs. He also manages the regulatory process for distributed energy projects including solar PV and microturbines. Prior to joining Unitil, Tom worked for several years at the NH Electric Cooperative on program design. His other previous experience includes working as an Energy Engineer for a small ESCO in CA. He holds a Bachelor of Science Degree in Mechanical Engineering (Energy Option) from UMASS Amherst and a Juris Doctorate Degree from Suffolk Law School. He is a member of the MA Bar.

Eric Winkler, Principal
Winkler Energy Consulting, LLC
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Eric Winkler is Principal at Winkler Energy Consulting, established in 2017. He provides strategic consulting to clients in the energy sector, including: energy service companies, utilities, curtailment service providers, and investment companies. His knowledge of wholesale market structures, regulatory frameworks and over 20 years in the energy industry provide his clients with market intelligence and risk mitigation, and business strategy. Recent client projects include: wholesale market participation and compliance, distributed energy resource development, utility DR program design, and energy asset acquisitions. Dr. Winkler was previously Technical Manager at ISO-NE, responsible for market integration

and planning for energy efficiency, distributed generation, load management, and demand response. He was responsible for leading the development of business practice and technical standards for Energy Efficiency and Demand Resources in wholesale and retail markets, including those for NAESB, ASHREA, SGIP 2.0, ANSI/ISO and NERC.

UPCOMING EBC PROGRAMS

NOVEMBER 2018

- November 5 – Water Resources Committee Program Planning Luncheon
- November 8 – Program Series with MassDEP Regional Leadership: Western Region
- November 9 – Ocean & Coastal Resources Program: 12th Annual Dredging Conference
- November 13 – Solid Waste Management Program: Future of Hauling of Solid Waste in New England
- November 14 – Evening Program: Briefing from Fred Laskey, Executive Director, MWRA
- November 15 – Site Remediation and Redevelopment Program: Massachusetts MCP Amendments
- November 20 – New Hampshire Chapter Program Planning Meeting
- November 26 – Connecticut Chapter Program Planning Meeting
- November 28 – Ocean and Coastal Resources Committee Program Planning Luncheon
- November 29 – Dam Management Program: Emergency Action Planning
- November 30 – Climate Adaptation Forum: Lessons from Puerto Rico and Local Preparation

DECEMBER 2018

- December 3 – Solid Waste Management Committee Program Planning Luncheon
- December 5 – Rhode Island Chapter Program Planning Meeting
- December 6 – 20th Annual Winter Garden Party
- December 10 – Energy Resources Committee Program Planning Meeting**
- December 11 – Annual New Hampshire Chapter Holiday Party
- December 12 – Annual Rhode Island Chapter Holiday Party