



**EBC Energy Resources Program  
Energy Program Developments at Massachusetts State & Regional Agencies**

Thursday, October 18, 2018

Nixon Peabody LLP | Boston, Massachusetts

**AGENDA**

- 9:00 a.m.      **Welcome, Program Purpose and What You Will Learn**
- Briony Angus, Program Chair & Moderator  
Chair, EBC Energy Resources Committee  
Senior Project Manager / Associate, Tighe & Bond
- 9:10 a.m.      **Massachusetts Bay Transit Authority**
- Daniel Abrahamson, Energy Conservation Specialist, MBTA
- 9:30 a.m.      **Massachusetts Department of Environmental Protection**
- James Doucett, Director, Clean Energy Results Program, MassDEP
- 9:50 a.m.      **Massachusetts Department of Energy Resources**
- Eric Friedman, Director, Leading by Example Program, MassDOER
- 10:10 a.m.     **Massachusetts Department of Capital Asset Management & Maintenance**
- Betsy Isenstein, Director, Energy & Sustainability, DCAMM
  - Krista Lillis, Program Manager, Energy & Sustainability, DCAMM
- 10:30 a.m.     **Massachusetts Department of Corrections**
- Jeffrey Quick, AIA, Director Resource Management, DOC
- 10:50 a.m.     **Massachusetts Water Resources Authority**
- Stephen Estes-Smarrgassi, Director, Planning and Sustainability, MWRA
- 11:10 a.m.     **Networking Break**
- 11:40 a.m.     **Panel Discussion**
- Panel Moderator: Briony Angus, Tighe & Bond**
- Panel Members:**
- Daniel Abrahamson, MBTA
  - James Doucett, MassDEP
  - Stephen Estes-Smarrgassi, MWRA
  - Eric Friedman, MassDOER
  - Betsy Isenstein, Energy & Sustainability, DCAMM
  - Krista Lillis, Energy & Sustainability, DCAMM
  - Jeffrey Quick, DOC
- 12:30 p.m.     **Adjourn – Closing Comments**

## PROGRAM CHAIR

**Briony Angus**, AICP, Senior Project Manager / Associate  
Tighe & Bond  
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Briony Angus is a Senior Project Manager and Associate at Tighe & Bond. She manages a variety of renewable energy projects at Tighe & Bond including solar PV, anaerobic digestion, wind, hydro, storage, and resiliency projects. She helps to lead Tighe & Bond's business development efforts for renewable energy, and is responsible for the growth and performance of the firm's renewable energy services. She has an in-depth understanding of regulations and incentives for clean energy development. Briony formerly was an Environmental Analyst at the Massachusetts Environmental Policy Act (MEPA) Office and worked for the Town of Brookline, MA Department of Public Works and Conservation Department.

## SPEAKERS

**Daniel Abrahamson**, Energy Conservation Specialist  
Massachusetts Bay Transit Authority  
10 Park Plaza, Boston, MA, 02116  
617.222.3212 | dabrahamson@mbta.com

Daniel Abrahamson is the Energy Conservation Monitor within the Environmental Affairs Department at the MBTA. Since 2010, the MBTA has worked to implement energy-efficiency measures throughout the rapid transit system. In collaboration with local utilities and state agencies, the MBTA has had the opportunity to upgrade facilities, reduce energy use and improve safety at the lowest possible cost of ownership. To date, the MBTA has completed 90 projects, which have resulted in 76.8 million kWh and \$6.5M in savings.

Since joining the Authority in 2016, Dan has worked on the development of a succinct energy efficiency program that hopes to go beyond the 'low-hanging' fruit of efficiency at the T. The program includes top-to-bottom facility performance retrofits, a portfolio of distributed generation, and a coordinated approach to Enterprise Energy Management of the MBTA utility system. Dan, who holds a BS in Construction Management from UMass Amherst and is a CEM, strives to be a leader of change through innovative solutions at the MBTA.

**James Doucett**, Director, Clean Energy Results Program  
Massachusetts Department of Environmental Protection  
One Winter Street, Boston, MA 02108  
617.292.5868 | james.doucett@mass.gov

James Doucett is the Director of the Clean Energy Results Program (CERP) at the Massachusetts Department of Environmental Protection. The CERP program was established in 2011 as a unique partnership with the Department of Energy Resources (DOER) and the Massachusetts Clean Energy Center (MassCEC) to advance environmental protection through the development and permitting of renewable energy and energy efficiency projects throughout Massachusetts, resulting in cleaner air, water and land.

James was previously the Deputy Director for Regulatory Standards in the Bureau of Waste Prevention focused primarily on regulatory and policy development for solid and hazardous waste. Recently he managed the revisions to the solid waste site assignment and permitting regulations to streamline the regulations and to smooth the way for siting anaerobic digestion facilities and other types of conversion projects. James graduated from Kenyon College with a degree in biology and obtained a Masters from the Ohio State University in zoology.

**Stephen Estes-Smarrgassi**, Director, Planning and Sustainability  
Massachusetts Water Resources Authority  
100 First Avenue, Boston, MA 02130  
617.788.4303 | Smargias@mwra.com

Stephen is a planner & engineer, with degrees from MIT & Harvard. In 31 years at MWRA, he has led master planning, water quality and supply planning initiatives. He has been active in research on water resource and climate change issues for over 20 years. He led MWRA's successful efforts to dramatically reduce water demand, and currently is part of the team working to reduce the MWRA's greenhouse gas footprint by increasing use of green energy and improving energy efficiency while still providing reliable high quality drinking water and environmentally sound disposal of the region's wastewater.

**Eric Friedman**, Director, Leading by Example Program  
Massachusetts Department of Energy Resources  
100 Cambridge Street, Suite 1020, Boston, MA 02114  
617.626.1034 | eric.friedman@mass.gov

Eric Friedman is the Director of the Massachusetts Leading by Example Program (LBE), a "Greening the Government" effort established by a 2007 Executive Order. LBE works with all state government entities to identify, plan, and implement clean energy and sustainability actions across hundreds of state facilities, ranging from large college campuses, state hospitals and prisons, to small visitor centers and seasonal park facilities. Friedman led the effort to develop a green building standard for new government buildings, created state government's first greenhouse gas inventory, and led the team that established a mandatory Computer Power Management Standard. Eric successfully oversaw the development and implementation of \$54.9 million worth of stimulus clean energy projects and was the state's staff lead for the 2009 Zero Net Energy Buildings Task Force. Prior to his current position, Friedman managed the state's first environmental purchasing program at the Massachusetts' Department of Procurement and General Services (now the Operational Services Division). He has a M.A in Environmental Policy from Tufts University and a B.A. in Political Science from Middlebury College.

**Betsy Isenstein**, Director, Energy & Sustainability  
Division of Capital Asset Maintenance and Management  
1 Ashburton Place, 15<sup>th</sup> Floor, Boston, MA 02108  
857.204.1487 | elizabeth.isenstein@mass.gov

Betsy Isenstein is the new Director of Energy and Sustainability for the Commonwealth of Massachusetts' Division of Capital Asset Management and Maintenance (DCAMM). The Energy and Sustainability Team designs, guides, and implements the Commonwealth's nationally recognized program for energy and water efficiency improvements in state buildings.

Ms. Isenstein comes to DCAMM from Tufts University where she was the Director of Facilities Technical Services. At Tufts, she provided strategic and forward looking planning in all areas of Facilities Services with a particular emphasis on energy and utilities. Major areas of focus included strategic utility procurement, campus energy and utility systems, building automation, water, and solid waste reduction. Previous to this position, she was the energy manager at Tufts.

Prior to joining Tufts in 1995, Ms. Isenstein managed energy programs for General Electric Company. Ms. Isenstein holds a BSE in Civil Engineering from Tufts and an MBA from Northeastern University.

**Krista Lillis**, AICP, Program Manager, Energy and Sustainability  
Office of Facilities Maintenance and Management  
Division of Capital Asset Maintenance and Management  
1 Ashburton Place, 15<sup>th</sup> Floor, Boston, MA 02108  
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Educated as a planner, Krista is currently a Program Manager in the Energy and Sustainability Group at the Division of Capital Asset Maintenance and Management for the Commonwealth of Massachusetts.

She oversees the statewide metering program and manages the development, procurement and implementation of a wide range of energy projects- from performance contracts to energy design build- all with life cycle improvements. She provides strategic direction for major capital investments totaling \$200 million and has managed over \$70 million in projects and programs covering Public Safety, Higher Education, Health and Human Services, Judicial, and Recreational facilities. Ms. Lillis has over 15 years of public service experience, working as a water resource planner and an energy planner in Boston, Milwaukee, and Chicago. She holds degrees from University of Wisconsin, Milwaukee and Marquette University and is a certified planner and member of APA and NASFA.

At home, she is a member of her town's Board of Appeals and enjoys time with her kids.

**Jeffrey Quick**, AIA, Director, Division of Resource Management  
Massachusetts Department of Corrections  
50 Maple Street, Milford, MA 01757  
508.422.3661 | Jeffrey.Quick@mass.gov

Jeff started his career with the Commonwealth of Massachusetts in 1983 with the then Division of Capital Planning and Operations (now DCAMM). Moving to the Department of Correction in 1986 as a Sr. Project Manager and becoming the Director of Resource Management in 1999. Jeff is responsible for all aspects of the physical plant Department-wide. He provides technical assistance to facilities, institutions, divisions and other State and Federal Agencies when requested. Jeff also develops and prepares Capital Funding requests and oversees all Capital Projects within the Department. Jeff holds an Associate Degree of Applied Science in Building Construction from the University of Southern Maine and a Bachelor of Architecture from the University of Miami Florida. Along with being a Registered Architect with the Commonwealth of Massachusetts for the past 26 years, Jeff is a member of the American Correctional Association, American Institute of Architects, National Fire Protection Agency, New England Water Works Association, International Facility Management Association and Office of Infrastructure Preparedness.

## UPCOMING EBC PROGRAMS

### OCTOBER 2018

October 24 – Program Series with MassDEP Regional Leadership: Northeast Region

October 26 – Climate Change Program: The Case for Putting a Price on Carbon

October 30 – Energy Program: Efficiency as a Grid Resource

### NOVEMBER 2018

November 8 – Program Series with MassDEP Regional Leadership: Western Region

November 14 – Evening Program: Briefing from Fred Laskey, Executive Director, MWRA

November 16 – Climate Change Program: Climate Adaptation and Resiliency for Utilities