

CEE Summer Program Meeting Day-Ahead Tour MIT: A Living Laboratory for Energy Efficiency

Date and Time: Tuesday June 1, 1:00pm EDT.

The bus will depart the Hyatt Regency Boston Hotel for MIT at 12:30pm sharp. It will return to the hotel at 4:30pm.

Lunch will not be provided. Attendees should eat lunch prior to the Tour.

Background: As a group, colleges and universities are a unique customer segment for efficiency programs to consider. They represent a small group of large, long term accounts that own and operate their own facilities. College campuses typically represent a mixed bag of old and new buildings of various sizes and types, with varying degrees of sophistication when it comes to energy monitoring, reporting and control. The Facilities Department at MIT has aggressively pursued energy efficient technologies and energy management since the 1970s—both on its own and in partnership with CEE member NSTAR Electric & Gas. This tour will highlight a variety of energy efficient technologies and provide useful insights to program designers, managers, and implementers on the challenges and benefits of installing and maintaining such measures. Of particular relevance to CEE committee work is MIT's experience using behavior change to realize energy savings and its approach to monitoring and managing energy across a large organization. Peter Cooper, MIT's Manager of Sustainable Engineering and Utility Planning, will share the Institute's approach to [energy management](#), including its award winning cogeneration facility (20MW), steam trap management program, "[chilled beam](#)" technology that uses water, not air, to remove heat from buildings, and behavior change initiative targeting open [fume hoods](#). Don't miss it!



The tour will be followed by a discussion with Frank Gundal and Tracy McDevitt from NSTAR.

Who Should Attend? Program planners, managers, marketers and evaluators currently working with or interested in the college and university market segment

For Details: Contact Jess Burgess, at 617.337.9274 or jburgess@cee1.org

MIT: A Living Laboratory for Energy Efficiency

Tuesday, June 1, 1:00-4:00pm

Massachusetts Institute of Technology, Cambridge, Massachusetts

AGENDA

Tour: MIT—A Living Laboratory for Energy Efficiency (1-3)

- Peter Cooper, Manager of Sustainable Engineering and Utility Planning, MIT
 - Rooftop photovoltaics, Stratton Student Center
 - Cogeneration facility and chiller plant
 - Rainwater harvesting and flushing system
 - Continuous commissioning/Data based commissioning
 - Fume hood behavior change initiative and face velocity recalibration
 - Chilled beam cooling system

Discussion: The Utility Perspective on the College & University Market (3-4)

- Frank Gundal, C&I Efficiency Portfolio Manager, NStar
- Tracy McDevitt, Key Accounts Executive, NStar
- Ted Jones, Principle Program Manager, CEE