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AEENE Offers CEM Course

October 7th thru the 11th
8:00 AM to 5:00 PM
Held at the Siemens
85 John Road, Canton, MA

See page 5 for more information

Building Energy Reporting and Benchmarking

September 11th, 5:30 PM to 8:30 PM

Embassy Suites Hotel

550 Winter Street, Waltham, MA

The City of Boston has joined the ranks of New York City, Philadelphia, Washington, D.C., Seattle, San Francisco, and other major U.S. cities that have enacted energy reporting and disclosure requirements in their jurisdictions. By passing the Building Energy Reporting and Disclosure Ordinance, Boston has highlighted that energy efficiency in existing buildings is the single most important component of the City's plan to reduce greenhouse gas emissions 25 percent by 2020.

Brian Swett, Chief of Environment and Energy for the City of Boston, will explain the Ordinance and will provide examples of how this may present business opportunities for AEE members. Topics will include:

- The primary purpose of the ordinance and how it is being implemented
- Which buildings or building types will be required to undergo energy evaluations?
- Will building owners be required to achieve certain efficiency levels?
- Are there fines or penalties for non-compliance?
- What engineering skills and/or tools are required to report the data?
- How to work with local utilities to obtain the necessary data

The Building Energy Reporting and Disclosure Ordinance is part of the City of Boston's Climate Action Plan. This Ordinance requires all large and medium sized buildings to report their annual energy and water use. The Ordinance is intended to encourage building owners to participate in local utility energy efficiency programs and educate tenants on building

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* Denotes Past President

performance. If you manage properties and/or perform energy efficiency work in Boston, this is a must attend meeting to learn how this Ordinance may provide opportunities and/or impacts to you and your business.

About the speaker:



Brian Swett is Chief of Environment and Energy for the City of Boston. Mr. Swett serves as the Mayor's appointee to the boards of the MWRA, Boston Groundwater Trust, Boston Harbor Island Alliance, and the Boston Harbor Islands Partnership. Mr. Swett also represents the City on the Boston Green Ribbon Commission, the State's Global Warming Solutions Act's Implementation Advisory Committee and the State's Energy Efficiency Advisory Committee. Mr. Swett received a Bachelor of Arts in Public Policy and International Relations in 2001 from Brown University and a Master of Business Administration and a Master of Science in Sustainable Systems in 2008 from University of Michigan.

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Please register and pay on-line at <http://aenewengland.org>

Price:

\$55.00 Event registration includes full dinner

\$47.00 Earlybird rate before September 9th

\$55.00 Members and Corporate Sponsors (requires login)

\$45.00 Earlybird rate before September 9th

Embassy Suites Hotel, 550 Winter Street - Waltham, MA

4:30 Open AEE Board Meeting *

5:30 Registration and Networking

6:30 Dinner and Presentation

8:30 Close

Remember our Board of Directors meetings are open to anyone that is interested in attending. They begin at 4:30 p.m. before our regular meetings unless otherwise noted. We welcome new faces and ideas.

Meeting Manager: Sam Nutter, Conservation Services Group

Disclaimer:

The New England Chapter or the Association of Energy Engineers, AEE-NE, has not investigated and expressly disclaims any duty to investigate, any product, service, process, procedure, design, or the like which may be presented by any of the presenters or Chapter Officers at any AEE-NE meeting or function. The presentation of any technical data or editorial material at these events does not constitute endorsement, warranty or guaranty by AEE-NE of any product, service, process, procedure, design of the like. AEE-NE does not warrant that any of the information presented at these events is free from errors. The entire risk of the use of any information presented is assumed by the user.

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PRESIDENT'S MESSAGE

Greetings,

The summer is rapidly coming to a close and the new program year is already upon us. We had a very productive summer planning meeting and there is a lot of news to share. For starters, we will kick off the year with a meeting focused on energy benchmarking and reporting. This meeting will feature Brian Swett from the City of Boston.

Based on last year's success our program year will include two technical roundtable events that will provide a very detailed focus on the technical side of achieving energy efficiency. The first event will be held at Millipore located in Bedford in November and will be a no cost event!

We will also be hosting a Certified Energy Manager training course again in early October. Our energy product and services showcase will be hosted in December this year and with a holiday theme. This will be a change that we think we draw a lot of interest from our members and corporate sponsors providing an excellent chance to network while enjoying the holidays.

Gregg Snyder

Upcoming Events From Outside Organizations (subject to change)

ASHRAE Boston: Tecogen Tour & Presentation-

Topic: CHP for Commercial & Industrial application- The Bridge to Renewable"

Date: Tuesday September 10, 2013-5:00PM

Location: Embassy Suites Waltham, MA (tour is adjacent to Hotel)

Reservations: Deadline- Friday 9/6 -RSVP- to Mark LaFrance at:

markla@htseng.com

Cost: \$40 for members with RSVP \$50 Non-member walk-ins, FREE to Students

Website: <http://www.ashraeboston.org/index.html>

AFE Chapter 33- 7th Annual Golf Tournament

Date: Monday October 28, 2013-9:00 AM (re-scheduled from June)

Location: Ferncroft Country Club- 10 Village Road Danvers, MA

Registration: Starts at 9:00AM

Website: <http://www.afechapter33.org>

AFE Chapter 74- Chapter Meeting & Tour

Topic: Fiber Optic Technology

Date: Thursday September 19, 2013 -5:30 PM

Location: IPG Photonics Oxford, MA

Website: <http://chapters.afe.org/chaptersnew/index.cfm?chapterIndex=2>

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Water Energy Distributors, Inc.
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603-329-8122

WSP

Job Opportunity

Project Manager – Sparhawk Group – Yarmouth, ME

Job Description:

As a project manager you will manage 10+ projects to deliver: i) energy efficiency, ii) comfort and iii) healthy environments in a range of buildings. To deliver these results you will provide our full range of energy engineering services including energy audits, professional design, construction administration, and commissioning. A wide variety of delivered services, building types and clients enables our project managers to develop mastery and autonomy along with ever expanding skills. The initial focus of this position will be in our multifamily building practice.

<http://www.sparhawkgroup.com>

Upcoming Events From Outside Organizations ... continued

International Building performance Simulation Association (IBPSA): Boston Chapter- 2013-2014 Kickoff Meeting

Topic: Reporting from the Building Simulation 2013 Conference (Chambery, France, August 2013)

Speakers: Tarek Rakha, Carlos Cerezo, Nathaniel Jones, Timur Dogan, Christoph Reinhart and Diego Ibarra. Each will briefly present the key findings of the two conference papers that each person found the most interesting, relevant, and groundbreaking. Discussion will focus on the potential impact of these findings on the professional practice.

Date: Wednesday September 18, 2013 6:30PM

Location: Gund Hall- Harvard School of Graduate Design, Room 123 (48 Quincy St. Cambridge, MA)

Website: <http://ibpsa-boston.com/index.html>

Email: ibpsa.boston@gmail.com

Massachusetts Energy Efficiency Partnership (MAEEP)

<http://maeep.org/>

Massachusetts Technology Collaborative (MTC)

Programs for Business & Individuals

<http://masstech.org/>

Sustainable Performance Institute

Location: 38 Chauncy St., 7th floor, Boston, MA

<http://www.sustainable-performance.org/>

Contact: 617-374-3740 x 127

Harvard University Center for the Environment Future of Energy

Harvard Energy Journal Club Meetings.

Meetings are held every Monday 12:00PM-1:00PM during Fall & Spring Semesters

Location: HUCE Seminar Room 24 Oxford Street, 3rd Floor Cambridge, MA

<http://www.hcs.harvard.edu/~hejc/>

Contact: Dan Recht drecht@fas.harvard.edu

2013-2014 AEE New England Chapter Future Meeting Topics (subject to change)

| Month | Topic | Date | Location |
|-----------|--|-----------------------------|---------------------|
| September | Building Benchmarking & Reporting | Wed. Sept. 11 th | Waltham |
| October | CHP Site Tour | Wed. Oct. 2 nd | UMass Medical |
| November | Afternoon Technical Roundtable | Tues. Nov. 5 th | Millipore - Danvers |
| November | Boiler Combustion & Controls | Wed. Nov. 6 th | Waltham |
| December | Energy Product & Services Showcase | Wed. Dec. 4 th | Waltham |
| January | Energy Outlook Breakfast Forum | Wed. Jan. 8 th | Waltham – Raytheon |
| February | Program Administrators (Utility) Night | Wed. Feb. 5 th | TBD |
| March | Joint ASHRAE Meeting | Tues. Mar. 11 th | Waltham |
| April | Maine Energy Outlook Forum | Wed. Apr. 2 nd | Maine |
| April | Technical Round Table | TBD | TBD |
| May | New England Energy Awards | Wed. May 7 th | Waltham |
| June | Annual Golf Tournament | Wed. Jun. 18 th | TBD |



Certified Energy Manager Training Course

THIS EVENT IS LIMITED TO A MAXIMUM OF ONLY 36 PARTICIPANTS

AEE is offering to its membership and the public, the Certified Energy Manager (CEM) training course and certification examination. The CEM course is an intensive four and a half day seminar designed as a preparatory vehicle for the CEM examination. The course offers a thorough review of the basics of efficiency improvement as it relates to electrical, utility, building and combustion systems. It is the ideal refresher course for energy managers who want to “brush up on the basics” as well as for those seeking an additional method of preparation for the examination.

The CEM course will be held from 8:00 AM to 5:00 PM, October 7th thru the 11th, 2013, with the exam on the last day.

The cost of the course and examination is \$1,795 (\$1,695 for Chapter Members and Chapter Sponsors), which includes breakfast and lunch for the five days as well as a comprehensive workbook. The course will be held at the Siemens, 85 John Road, Canton, MA 02021. Please note that the seminar is priced well below the traditional AEE sponsored program.

The discounted rate of \$1,695 is available for all active chapter members and chapter sponsors. You must login to the website prior to registering in order to receive this discount.

You will also find the National AEE CEM Application Form, which is intensive and will have to be filled out eventually in order to receive your CEM Certification once you have taken the training course, passed the test, and meet all of the other required criteria.

For more information please see our website or contact Richard Costello of Acela Energy Group at (508) 530 3040 or email at Richard.costello@acelaenergy.com

Registration - \$1,795.00 Includes Course Registration, Course Materials, Exam and Meals



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City of Boston Compliance Ordinance - Chapter VII, Section 7-2.2
requires Energy & Water Benchmarking by May 14, 2014. Energy Audits
are required every 5 years, unless Exception Status can be achieved by
attaining an ENERGY STAR performance ratings of at least 75%

www.EMA-BOSTON.com

Learn how to achieve Exception Status