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New England AEE Annual Energy Outlook Forum – 2011

Space limited to the first 100 Registrations

This year’s New England Association of Energy Engineers’ Annual Energy Forum will be held at the Raytheon Headquarters, at 870 Winter Street in Waltham, Massachusetts on Wednesday, January 5, 2011. Breakfast at 7:30 am, presentations begin at 8:30 am.

The Forum is titled “Pertinent New England Energy Issues - Energy Outlook, Energy Efficiency, Electric Capacity, Renewable Energy, and Shale Gas Up-date”

The first Presenter will be Tony Scott from Bentek Energy. Tony will discuss recent issues pertaining to the Marcellus Shale Gas Region and its substantial effects on the cost of natural gas in the Northeast. The next Presenter, John Miller, is going to give us an overview of the New England Marine Renewable Energy Center at the University of Massachusetts, Dartmouth and will talk about ocean energy sources, discussing technologies for wind, wave, tidal and current energy.

The third presentation will be given by Kathy Stanley of Johnson Controls and Bob Ericson of the Town of North Smithfield, RI. They will discuss ARRA Funds and Municipal Energy Performance Contracting. We will learn about the application process, municipal efforts in putting this project together and the technical aspects of the energy efficiency measures.

After the break, the second half of the meeting will begin with Ronald Coutu of the ISO New England. Ron will discuss the methodologies involved in determining electric Capacity costs and allocation of those costs to individual business customers.

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Energy Outlook Forum
(Breakfast Meeting)
January 5, 2011
Raytheon Headquarters
870 Winter Street, Waltham

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The final presentation will be given by Tim Bigler from Hess Corporation. Tim will give us an overview of current and future issues affecting the price of gas & electricity.

Additional time has been inserted for a greater amount of networking before, during, and after the Forum. All of us at the New England Chapter of the Association of Energy Engineers, as well as, all our Corporate Sponsors and Members will benefit from this forum, and we encourage all of you to reach out to your associates, customers and friends and extend a invitation to attend this most informative and valuable presentation.

Please remember to pre-register for this event and also bring a photo ID with you for security purposes to enter the facility.

Raytheon Headquarters

Waltham Woods Office Park, 870 Winter St., Waltham, MA

Valid Picture ID and pre-registration is required for admission

For reservations email to info@aeenewengland.org or register and pay on-line using PayPal at www.aeenewengland.org

\$50.00 per person

(Space limited to the first 100 Registrations)

Happy Holidays

Richard Costello

New England AEE Board of Directors

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.

2010-2011 AEE New England Chapter Future Meeting Topics

(subject to change)

Date	Topic	Program Manager
Jan. 5th	Energy Outlook Forum (Breakfast Meeting)	Rich Costello, Steve Murphy Kathy Stanley
Feb. 2nd	Energy Awards/Success Stories Scholarship Night	Andy Coffin, Nelson Medeiros Dan Wheatley
Mar. 2nd	Lighting	Jim Donnelly
Apr. 6th	Mass Green Communities Act Utility CHP Incentives (Joint Meeting with ASHRAE Boston)	Jim Armstrong, Rich Costello
May (TBD)	Site Tour - Location TBD	Fran Boucher
June (TBD)	11th Annual Golf Outing	Joe Hall, Greg Snyder Jim Armstrong

Chapter Sponsors:

(for more detailed information visit our web page, www.aeenewengland.org)

A & M Compressed Air Products

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President's Message



Greetings – January 2011

It's hard to believe that in just a few weeks we will usher in the year 2011! This is an interesting time to be in the energy industry, with so many challenges and opportunities; it is not surprising that our meeting attendance has been on the rise. We are also seeing new members and new Chapter Sponsors join AEE all the time.

If you would like to learn more about current topics in the energy industry in New England, do not miss our January **Energy Outlook Forum**. Held at Raytheon in Waltham, this is one of our most popular events and includes breakfast, networking, great speakers and more networking. Please see the write-up in this newsletter and remember to pre-register (Raytheon cannot accept any "walk-ins") and sign-up early, as this event will sell out.

Thanks to **Gregg Snyder** and **Karim Bibawi** for putting together our December meeting and very first "**CFO Night**". The speakers shared some great information and had some very good points about the structure and financing of energy projects, from a CFO's viewpoint. **Bob Hinkle** talked in detail about three popular financing options; Property Assessed Clean Energy (PACE), Utility On-bill Financing and Efficiency Services Agreements. **Chris Clark** followed that up with his "Energy Master Plan" which starts with benchmarking and ends with ROI evaluation based on continuous monitoring. Both presentations are on the Chapter web-site for your future reference.

I was honored to represent AEE New England at this year's **World Energy Engineering Congress (WEEC)** in Washington, D.C. earlier this month. The New England Chapter was selected as the **Best Overall Chapter** in the United States, and it was a pleasure to "pick up the hardware" for our group in our Nation's Capitol. I would like to congratulate everyone involved with the Chapter, and special thanks to our immediate past president, **Ron Gillooly**, whose work over the last two years was instrumental in being selected for this award.

Have a great Holiday and I look forward to seeing you in January!

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Chapter President

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Brett Feldman
617-772-7500

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Harold Gooding
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Johnson Controls

Kathy Stanley, *Account Executive*
781-248-2867

Kraft Power Corporation

David Barstow, *Sales Manager, Stationary Power*
781 938-9100

Energy Project Awards

It's Time to Submit your
2010 Energy Project Award Applications

To qualify, the project must ...

- be physically located in New England
(**Note: Connecticut applications will be deferred to that Chapter**)
- be completed prior to December 31st 2010.

We are looking for projects that push the envelope for creativity and/or comprehensiveness in terms of technologies used, financing strategies and/or other advanced ideas.

Page 1 - Complete a brief description of the Project and include all measures including the benefits of each measure and how it saves energy.

Page 2 - Prepare a summary of the savings for all energy and or water sources as well as any other savings.

Page 3 - Prepare a summary of the costs, incentives, tax credits, financing, etc. Please include all typical ROI (Return on Investment) information.

Page 4 - Include a narrative by the customer to explain their experience and results from the process.

Page 5 - Include the key players (Engineering, Sales, project management, utility staff (if any) and their roles including the Customer's key players (we highly recognize customer input).

Page 6 - Information on the Companies involved - Vendors, Engineers, Equipment Suppliers as well as information about the customer and the customer's business.

The application should be no more than 6 pages in length - If we have questions we will follow up with you for more details.

All completed applications should be emailed to the AEE Awards Chairman - Jim Armstrong @ jarmstrong@siemens.com by Friday the end of business on January 14th.

The applicants will be notified of the awards by January 26th and the awards will be presented at our monthly meeting on February 2nd.



Leviton Manufacturing Co.

William Ammon
603282-9344

MA Selmon Co., Inc.

Brad Selmon, *President*
203-377-3525

Mass Maritime

Dr. James McDonald

Millennial Net, Inc.

Mark Hanna
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Mitsubishi Electric HVAC

Susan Pickett, *Area Manager*
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Ron Gillooly
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National Resources Management

Emre Schweighoffer
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New England Window Systems

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Nexamp

Karim Bibawi
978-688-2700

Northern Energy Services, Inc.

Paul A. Mallet, *President*
508-393-7500

NSTAR

Robert Di Giandomenico
339-987-8086

Optimum Energy

Tory Kempf, *Business Development Northeast*
617-454-1088

Parson Brinckerhoff

Bill Schlageter
617-960-5524

Prism Energy Services

Wendy A. Simmons, *President*
617-328-9896

Raytheon

Dave Chamberlain, *Principal Engineer*
339-645-8019

RetroCool Energy, Inc.

Marc Sandofsky
508-479-6034

Job Opportunities**RISE Engineering
Energy Specialist**

We are currently looking for qualified candidates with experience conducting comprehensive energy audits of diverse facilities and multiple end-uses, including lighting systems, HVAC, controls, motors and building envelope. The successful candidate will be expected to independently conduct energy audits in RI, MA and CT to identify fuel blind energy saving opportunities, collect data, perform savings analysis, develop costs and prepare audit reports containing recommended scope of work for energy efficiency improvements.

**Key Responsibilities:**

- Conduct preliminary facility evaluations
- Conduct customized energy assessments addressing multiple end uses in commercial, industrial and institutional facilities
- Perform site visits, conducting data collection, equipment and operational reviews
- Prepare energy efficiency reports outlining efficiency recommendations, project costs, savings, and simple payback
- Present energy efficiency reports and associated findings
- Close sales on proposed projects

Qualifications:

- Five years auditing experience in the commercial/industrial sector
- BS degree in relevant area of study preferred; demonstrated interest and training in energy conservation preferred
- Knowledge of building systems, including lighting technologies, building controls, building envelope, mechanical systems (hvac), motors and compressors
- Working knowledge of technical and cost savings analysis and reporting
- Proficiency in conducting in-field energy assessments
- Knowledge of energy conservation principles and techniques; fuel data analysis; research skills and experience
- Strong interpersonal and communications skills and the ability to effectively communicate technical material and findings
- Strong organization skills and the ability to manage multiple projects from conception to timely fulfillment

Attributes:

Highly motivated auditor with outstanding interpersonal and communications skills. A team player who can operate with a high degree of independence and flexibility, consistently meet deadlines, and exceed customer expectations. Extensive experience in the energy industry, coupled with the ability to work with stakeholders and decision makers at all levels of an organization.

Compensation and Benefits:

RISE Engineering offers competitive compensation, including base salaries and attractive performance incentives. Our comprehensive benefits include health/dental insurance, paid vacation, holidays, sick days, life insurance, employee stock ownership plan (ESOP) and 401k. EOE

To learn more about RISE, please visit our web site at www.riseengineering.com. If you are interested in applying, please email your resume to: jlaurent@thielsch.com

RISE Engineering, a division of Thielsch Engineering, Inc., is one of the longest operating energy services companies in the country. Working on behalf of the largest utilities and energy program sponsors in the Northeast, our mission is to provide one-stop services to make buildings more affordable, comfortable, healthful and efficient. We are experiencing significant growth as higher levels of incentives and resources are being made available to meet local, national, and global needs.

Reynolds, Smith and Hills, Inc.

John Gerrish, *Program Leader*
508-583-2091

RISE Engineering (Thielsch)

Rick Galipeau, *Director of Business Development*
800-422-5365

Rist-Frost-Shumway Engineering, P.C.

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Robert Kieser
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Tecogen

Jeffrey Glick, *Sales Manager*
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Tint King, Inc/Glass Energy Solutions

Brian King, *President*
978-670-2927

Trumbull Campbell

Associates
Tom Trumbull
978-225-2045

Vanderweil

Charlie Kalasinsky, *Corporate Engineer*
617-423-7423

Watt Stopper

Don Munroe, *Sr. Regional Sales Manager*
508-336-3399

WPS Flack & Kurtz

Mark Warren, *Director of Facilities Engineering*
617-210-1600

Sebesta Blomberg
ENERGY PERFORMANCE ENGINEER & Commissioning Engineer

Founded in 1994, **Sebesta Blomberg** is an engineering-based consulting firm with an unwavering commitment to quality, reliability, effective communication and value-added solutions. Sebesta Blomberg headquarters are located in the Twin Cities, MN, with offices strategically located in Chicago, IL, Boston, MA, Dallas, TX, Houston, Tx, Cedar Rapids, IA, Fargo, ND and Washington D.C.

Sebesta Blomberg provides engineering, construction support, commissioning, facility support, energy management, environmental, LEED® certification, central plant and renewable energy services to private and public sector markets.

ENERGY PERFORMANCE ENGINEER

Sebesta Blomberg is currently seeking an Energy Performance Engineer for its **Woburn, MA** office.

This position is responsible for working independently to conduct facility site surveys and energy cost savings analysis. In addition, the incumbent will identify energy conservation opportunities and develop energy management plans for clients. The Energy Performance Engineer will Identify and evaluate energy efficiency measures through energy audits and data review (mechanical, architectural, electrical). In addition, the engineer will conduct energy focused retro-commissioning studies. The Energy Performance Engineer will provide energy consulting services in institutional, government, industrial and commercial facilities. In addition, the incumbent will provide Commissioning Services as needed.

The successful candidates will have 3+ years of progressive Energy Engineering Experience performing energy consulting, energy engineering, energy audits, and energy project development service.

Interested candidates should apply at our website www.sebesta.com

FOR A FULL JOB DESCRIPTION PLEASE VISIT OUR WEB SITE

www.aenewengland.org



COMMISSIONING ENGINEER

Sebesta Blomberg is currently also seeking a Commissioning Engineer for its Woburn, MA office. The successful candidate will have the following demonstrated skills and qualifications:

Using prescribed methods, the Commissioning Engineer performs specific and limited portions of a broader assignment. Applies standard practices and techniques in specific situations, adjusts and correlates data, recognizes discrepancies in results, and follows operations through a series of related detailed steps or processes.

Interested applicants should apply directly on the Careers Section our website:

www.sebesta.com

FOR A FULL JOB DESCRIPTION PLEASE VISIT OUR WEB SITE

www.aenewengland.org

Upcoming Events From Outside Organizations (subject to change)

Visit our web page, www.aeenewengland.org, as events are added periodically

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ASHRAE Boston: Membership Night/ YEA

January 11, 2011, 5:30 PM - 8:30 PM **Waltham, MA**

Topic: Steam Systems - The Lost Art Speaker: Mark Ehrenzeller

Location: Doubletree Guest Suites Hotel, 550 Winter St.

Contact: William Tang wkt@brplusa.com Cost: \$45 (if not ASHRAE member)

Website: <http://www.ashraeboston.org/chapterupdates/calendar.html>

AFE #37: Winter Thaw Social

January 28, 2011, 5:30 PM - 8:30 PM **Andover, MA**

Topic: Annual Awards Dinner Location: 123 Old River Road

Contact: Jeff Myrdek 603-836-5171 Chapter37@afe.org Cost: \$35 (if not AFE member)

AFE #74: DCU Center

January 11, 2011, 5:30 PM 8:30 PM **Worcester, MA**

Topic: Tour of ice making equipment, and attend Worcester Sharks hockey game

Location: 50 Foster Street

Contact: ron.stachelek@southbridgehotel.com 508-765-4500 Cost: \$35 (if not AFE member) Please check website for latest information: <http://www.afe.org/chapter74>

Email: chapter74@afe.org

Massachusetts Technology Collaborative (MTC)

Programs for Business & Individuals

<http://masstech.org/>

Massachusetts Energy Efficiency Partnership (MEEP)

<http://www.maeeep.org/>

The Green Roundtable

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

<http://www.nexusboston.org/>

Contact: 617-374-3740 events@greenroundtable.org

January 5, 2011, 12:30 PM – 1:30 PM

Topic: **Webinar: Become a LEED AP & Maintain Your Credential**

Cost: free

January 11, 2011, 8:30 AM – 5:30 PM

Topic: **LEED & Green Project Management**

Cost: \$295

January 19, 2011, 12:30 PM – 2:00 PM

Topic: **Case Study: Designing for Performance at Fay School Boarding School**

Cost: free

January 21, 2011, 8:30 AM – 10:30 AM

Topic: **BIM Tools For Green Design**

Speaker: Ken Flannigan

Cost: free