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THERMAL EFFICIENCY

Wednesday, September 14th

Embassy Suites (formerly the Doubletree Hotel) - Waltham, MA

Our 2011-2012 program year kick off meeting will focus on energy efficiency opportunities for thermal systems. Our speakers include National Grid's **Mike Pace** and **Fred McKiernan** who both have a wealth of knowledge in thermal system efficiency opportunities and how to **maximize incentives from your local utility.** Mike and Fred will focus on the following energy efficiency opportunities:

- Heat Recovery
- Boiler & Steam System Optimization
- Combustion Optimization
- Building Envelope Improvements
- Energy Management Systems

We look forward to seeing you in September for another year of informative meetings and excellent networking opportunities.

About The Speakers:

Michael Pace is a Lead Engineer for National Grid in the Commercial & Industrial Natural Gas Energy Efficiency Programs focusing on large commercial and industrial energy efficiency projects throughout New England. Michael holds a B.S. in Facilities and Plant Engineering from Massachusetts Maritime Academy and a M.S. in Facilities Management from Massachusetts Maritime Academy. He is a Certified Energy Manager (CEM), Certified Energy Auditor (CEA), Certified Demand Side Management Professional (CDSM), and a Leadership in Energy & Environmental Design Accredited Professional (LEED AP).

**Next Meeting -
October 5th**

*Energy Efficiency Project
Financing*

Save the Date

2011-2012 Chapter Officers

Continued page 2

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Fred McKiernan is Technical Support Consultant for National Grid based in Rhode Island. He supports new and existing businesses interested in pursuing electric and natural gas energy efficiency projects. Prior to joining National Grid, Fred spent time performing a wide range of responsibilities in the HVAC, CHP and ESCO industries including, design, energy analysis, project/construction management, retro-commissioning, management and sales. He has direct experience with various HVAC, CHP, ATC, Utility Cost Allocation and load metering systems.

Embassy Suites (formerly the Doubletree Hotel)
550 Winter Street - Exit 27B off Route 128 (I-95)
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.

Please register and pay on-line using PayPal at
<http://aeenewengland.org>,
or email to info@aeenewengland.org.

\$45.00 per person

Ask about our special rate for the unemployed job hunter

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Upcoming Events From Outside Organizations (subject to change)



Labs and Data Center Conference - Providence RI Sept, 19 -22

The premier annual national Labs 21, laboratory, pharma and data center efficiency event is coming to New England. There are extended pre-conference trainings, continuous "multi track" technical sessions, a trade show and tours all of which showcase the latest practices for energy efficiency in both data centers and labs. Six to eight hundred professionals are expected to attend! Come and be a part of it. Register at:

<http://www.i2sl.org/labs21/conference/registration.html>

Chapter Sponsors:

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

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617-452-6479

Greetings – September 2011



I am excited to start my second year serving as the Association of Energy Engineers New England Chapter President. By all accounts, last year was a tremendous success in terms of the high quality meetings, the number of meeting attendees and the outstanding participation from all our members. I promise to continue working

hard with our exceptional Officers and Board of Directors to continue to bring first class programs and speakers to our monthly meetings.

Please remember, this is your organization and we look forward to your input as to how we can continue to improve the quality of programs offered each year. I can be reached at bcrafts@fmc-technologies.com with any questions, comments, etc. and look forward to hearing from you.

In July we had our annual summer meeting planning for the 2011-2012 program year. We held the meeting at the Suez LNG plant in Everett (thank you Steve Murphy for setting this up) and even got a tour of this tremendous facility. We had a great turn-out from our Board members and discussed which programs we should offer for the upcoming year. In fact, we had so many great ideas, we added an extra meeting (June 2nd)! (Don't worry – we will still have the golf outing mid to late June).

We will kick off our program year on September 14th with a presentation on Thermal Energy Efficiency. Dinesh Patel is our meeting manager and has put together an informative presentation to start the year. Our speaker will be Mike Pace, whom many of you know from National Grid. Please reserve early (and on-line if possible) as it helps us better coordinate with the hotel.

I would like to thank **Joe Hall** and the Golf committee for another fantastic Golf Outing back in June. Please check out some of the prize winners featured in this newsletter!

Finally, do not forget that our Board of Directors meetings are held at 4:30 p.m., preceding our monthly program meetings. We encourage anyone who is interested to attend and participate. We can always use more help to keep our New England Chapter the strongest in the country.

Thank you.

Brian Crafts



Become a Chapter Sponsor!
Contact **Joe Delongo**
joseph.dolongo@us.ngrid.com
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617-428-8690

2011-2012 AEE New England Chapter Future Meeting Topics

(subject to change)

Topic	Program Manager	Date
Thermal Efficiency	Dinesh Patel	Sept. 14th
Energy Efficiency Project Financing	Chris Pimentel	Oct. 5th
Chapter Sponsor Trade Show & Scholarship Awards	Gregg Snyder, Ron Gillooly Paul Lukitsch, Dan Wheatley	Nov. 2nd
Vertical Market Presentation (TBD) *Joint meeting with professional org.	Karim Bibawi, Chris Pimentel	Dec. 7th
12 th New England AEE Annual Energy Outlook Forum – 2012	Rich Costello, Steve Murphy Kathy Stanley	Jan. 4 th
Energy Efficiency Project Awards/ Success Stories	Andy Coffin, Jim Armstrong Nelson Medieros	Feb. 1st
Joint ASHRAE/AEE Meeting *This is a Tuesday Meeting	Jim Armstrong	Mar. 13 th
Data Centers	Fran Boucher	Apr. 4 th
Plant Tour (TBD)	Dinesh Patel	May 2nd
Energy Project Measurement & Verification	Kevin Fetzer	June 6 th
13 th Annual AEE NE Golf Outing	Joe Hall	TBD June

Job Opportunity

**BARNSTABLE COUNTY
CAPE LIGHT COMPACT
COMMERCIAL & INDUSTRIAL PROGRAM MANAGER
\$68,406 – \$84,131**

The Cape Light Compact's Commercial & Industrial Program Manager will be responsible for the planning, design, development and implementation of the Cape Light Compact's commercial and industrial energy efficiency programs. Successful candidates should possess a Bachelor's Degree in mechanical or environmental engineering or business administration; eight year's progressively responsible experience in the energy industry, energy efficiency experience preferred. Detailed knowledge of the roles and responsibilities of Massachusetts energy efficiency programs required. Thorough knowledge of the Cape Light Compact and role of municipal aggregators under the Massachusetts Restructuring Law preferred. The job description can be found at www.barnstablecounty.org then to Frequent Update Link, Employment Opportunities.

Please submit resume on or before Thursday, **September 15, 2011** by 12:00 NOON, addressed to:

Margaret Downey
Barnstable County/Cape Light Compact
PO Box 427/SCH
Barnstable, MA 02630
Barnstable County is an EOE

iFacility Services, Inc.

Joel Myerson, *President*
978-532-7330

Johnson Controls

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

Kraft Power Corporation

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

Leviton Manufacturing Co.

William Ammon
603282-9344

MA Selmon Co., Inc.

Brad Selmon, *President*
203-377-3525

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Millennial Net, Inc.

Mark Hanna
978-569-1950

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Susan Pickett, *Area Manager*
978-988-5771

National Grid

Ron Gillooly
781-907-1560

National Resources Management

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781-828-8877

New England Window Systems

Russ Hadaya, *President*
617-269-6397

Nexamp

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978-688-2700

Northern Energy Services, Inc.

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508-393-7500

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Robert Di Giandomenico
339-987-8086

Optimum Energy

Tory Kempf, *Account Executive - Northeast*
781-471-4368

Parsons Brinckerhoff

Bill Schlageter
617-960-5524

Job Opportunity**Senior Analyst - HVAC & Energy Engineer**

Location: Boston, Massachusetts

Job Information

Job Title: Senior Analyst – HVAC & Energy Engineer

Employer: Cimetrics Inc. <http://www.cimetrics.com>

Location: Boston, MA 02111

Date Posted: May, 2011

Overview:

Infometrics is Cimetrics' service offering to building owners to remotely monitor and evaluate the operation of HVAC systems. Our analysts (HVAC, controls and energy engineers) use the Infometrics system to generate detailed recommendations in reports for building owners and their staffs. We are looking for an experienced energy and HVAC engineer to join our Services group as a Senior Analyst.

Duties:

- Manage multiple commercial and institutional accounts
- Analyze HVAC, central plant and control system data for faults, discrepancies, suboptimal operation, energy saving opportunities, etc.
- Analyze client utility data, generate energy baselines, consumption trend analysis and load profiling
- Compile client reports with recommendations and management information (Energy, Code, IAQ, etc.)
- Conduct report review meetings with client personnel
- Work with the Sales and Connectivity groups to evaluate and set up new customers
- Work with the Technology group to develop new tools and improve existing analysis tools
- Less than 5% domestic travel, 95%+ in Boston office

Firm Requirements:

- Excellent communication skills
- Working knowledge of Microsoft Excel and Word
- Bachelor's degree in physical science or engineering

Highly Desired:

- Energy engineering experience
- Building controls industry experience
- Familiarity with HVAC equipment operation and sequences of operation
- HVAC commissioning experience
- Strong knowledge of Microsoft Excel, Word and some knowledge of database tools such as SQL
- Bachelor's or advanced degree in Mechanical Engineering

Pluses:

- HVAC design experience
- PE registration or CEM certification

Company Information:

Cimetrics Inc. is a small, privately owned company that provides technical services to building owners and specialized networking products to building controls companies. Our work in developing and promoting the BACnet protocol has had a major impact on the building controls industry.

Now we are applying our expertise to help building owners improve the performance of their HVAC systems and help them leverage their BAS to reduce energy and O&M costs. Our office is located in downtown Boston across from the Common near Park Street Station, Downtown Crossing and South Station.

Contact:

Please send resumes and cover letters with salary requirements to:

Dean Taylor

Manager of Services

141 Tremont St. Floor 11

Boston, MA 02111

Phone: 617.350.7550 ext 240

Fax: 617.350.7552

Email: analystjob@cimetrics.com

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

Reynolds, Smith and Hills, Inc.
John Gerrish, *Program Leader*
508-583-2091

RISE Engineering (Thielsch)
Vin Graziano
800-422-5365

Rist-Frost-Shumway Engineering, P.C.
Wendy E. Drake
603-524-4647

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Abbe Bjorklund, *Partner & Vice President*
781-721-3934

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Jim Armstrong
781-774-8360

Southern Air
Bill Veazie, *Vice President Treasurer*
617-268-4041

Suez Energy
Kristine Roback, *CEM*
617-261-8912

Tanyx Measurement
Robert Kieser
978-671-0183

Tecogen
Jeffrey Glick, *Sales Manager*
781-466-6400

Tint King, Inc/Glass Energy Solutions
Brian King, *President*
978-670-2927

Trumbull Campbell Associates
Tom Trumbull
978-225-2045

Tunstall Corporation
T.P. Tunstall - *President*
413-594-8695

Job Opportunity

ENE Systems Job Description

Job Title: Control Systems Specialist
Department: Service

Contact Vinny Camillo 781-828-6770 x285 vcamillo@enesystems.com

Job Description:

A. Purpose:

Responsible for taking full ownership in the Field for assigned System Support Agreements and Spot Service Calls.

B. Specific responsibilities:

- Attend System Support Agreement kickoff meeting with Account Executive and Customer on assigned SSAs. Expectation is for the individual to attain a full working knowledge of account.
- Work with System Support Manager to document covered equipment and schedule Preventative Maintenance on assigned SSAs.
- Perform all scheduled on site system inspection and preventive maintenance tasks.
- Oversee Midlevel and Apprentice Technicians to ensure preventative maintenance of control systems and components meets ENE Systems standards and the expectations of our Customers.
- Perform walkthrough and review of assigned SSAs with Midlevel and Apprentice Technicians.
- Carry out System Utilization Review of system software to ensure the operating logic is performing optimally.
- Perform and document complex maintenance and service procedures for our SSA and Spot Service Customers.
- Communicate on a daily basis with the Service Coordinators and ENE Systems Service Customers.
- Responsible for efficiently managing the Technician labor hours on assigned SSAs.
- Uncover abnormal system conditions and initiate corrective action in accordance with customer's approval.
- Work with Service Coordinators and PC Service Technician to ensure HMI Services are performed at Customer Site.
- Perform Remote Diagnostics with customer's Building Automation System for the purpose of system point verification, interrogating and assisting Customers.
- Provide technical assistance and training to Midlevel and apprentice technicians.
- Perform all controller back-ups and G.U.I. back-ups on assigned SSAs
- Responsible for turning over all controller database back-ups, G.U.I. backups to PC Technician for storage on ENE Systems server.
- Demonstrate a solid working knowledge of simple to complex control systems and associated devices.

Full comprehension of job scope and ENE Systems responsibilities.

C. Organizational relationships:

Reports to System Support Manager.

Vanderweil

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

Water Energy Distributors, Inc.

Martin Orio
VP Business Development
603-329-8122

Watt Stopper

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

WPS Flack & Kurtz

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

Water Energy Distributors

Martin Orio,
V.P. Business Development
603-329-8122

Events From Outside Organizations ... Continued**AFE #33, ASHRAE Boston, AFE #37, and AFE #74**

September 22, 2011, 5:30 PM - 9:00 PM **Boston, MA**

Event: Membership Drive at the New England Aquarium

Location: 1 Central Wharf

Contact: Gary Powell 603-230-7294 gpowell@afechapter33.org

Cost: \$45

AFE #74: Arc Flash NFPA 70E Electrical Safety Seminar

September 7, 2011, 8:00 AM – 12:00 PM **Worcester, MA**

Instructor: Ken Mastrullo, Compliance Assistance Coordinator for the Region 1 office of OSHA

Location: Hanover Insurance, 440 Lincoln Street

Registration: <http://afe.org/chaptersnew/education.cfm?chapterIndex=2>

Contact: 978-682-9993

Cost: \$40

Illuminating Engineering Society of North America New England (IES)

Beginning September 13, 2011, 8:00 AM **Boston, MA**

Topic: Fundamentals of Lighting Program

Speakers: Bob Davis - September 13, Bob Ponzini - September 20, Carlos Alonso - Niemeyer - September 27, Sergio Mazon - October 4, Clyde Robinson - October 11, Will Lewis - October 18th, Rob Cilic - October 25

Location: Enernoc, 101 Federal Street, Suite 1100

Registration: <https://events.r20.constantcontact.com/register/eventReg?lr=tesmr4eab&oeidk=a07e3rexatcb0c0754c&oseq=a01i6gn0j7bhj>

Cost: \$300 for all 7 sessions

Website: <http://www.iesnewengland.com>

Greenbuild 2011

October 4 - 7, 2011, 6:30 AM – 8:00 PM **Toronto, Ontario, Canada**

Location: Metro Toronto Convention Centre, 255 Front Street West, Toronto, Ontario

(416) 585-8000

Registration: <https://register.greenbuildexpo.org/2011/portal/newreg.wv>

Contact: 800-795-1747 Cost: \$25 - \$975

Website: <http://www.greenbuildexpo.org/Home.aspx>

Massachusetts Energy Efficiency Partnership (MEEP)

October 5 1, 2011, 7:30 AM – 4:45 PM **Westwood, MA**

Topic: ASHRAE/DOE Energy Efficiency in Data Centers

Speakers: Don Beaty and Dave Quirk

Location: NSTAR Gas and Electric, One NSTAR Way

Registration: <http://www.maeep.org/signup.cfm?recID=146>

Cost: \$100 - \$150

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

The Green Roundtable

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

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

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

September 21, 2011, 5:30 PM – 7:30 PM

Topic: LEED Pilot Demand Response Credit

Location: National Grid's Platinum Office, 40 Sylvan Road, Waltham, MA

Cost: \$0 - \$10

**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

September 7, 2011, 8:30 AM – 5:30 PM
Topic: LEED & Green Project Management
Location: Suffolk University, 73 Tremont Street, Boston, MA
Cost: \$345

September 22, 2011, 8:30 AM – 5:30 PM
Topic: LEED Green Associate Exam Prep
Location: Suffolk University, 73 Tremont Street, Boston, MA
Cost: \$295

Building Operator Certification (BOC – Level-1)
October 5, 2011 – December 1, 2011 **Berlin, VT**
Cost: \$1,375
Contact: Sarah Dagher – 978-974-9475 daghers@comcast.net
<http://www.theboc.info/ne/ne-schedule.html>

Labs21 2011 Annual Conference
September 20 - 22, 2011, 7:30 AM – 9:00 PM **Providence, RI**
Location: Rhode Island Convention Center, 1 Sabin Street, (401) 458-6000
Registration: <https://www2.ergweb.com/projects/conferences/labs21reg/i2sl/labs21/registrationindex11.asp> Cost:
\$75 - \$1050
Website: <http://www.i2sl.org/labs21/conference/conference2011.html>

EFFICIENCY IN DATA CENTERS: FREE SEMINARS October 5th, Westwood, MA. **To Register:** Use the link below or register at www.maeep.org