

ASSOCIATION OF ENERGY ENGINEERS - NEW ENGLAND CHAPTER



NEW ENGLAND ENERGY

October 2003 Newsletter



Utilities Night - Wednesday, October 1

Speakers: Representatives from Keyspan, National Grid USA, NSTAR

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AEE kicks off our 2003-2004 season on October 1st featuring energy efficiency programs offered by local utilities with a focus on Commercial, Industrial and Municipal customers. For decades, the local Chapter of AEE has provided the advice, expertise and professionals to implement utility-sponsored Demand Side Management Programs. We are fortunate in Massachusetts when budget woes nearly ended DSM funding in Connecticut. Could this be a trend? Our speakers will offer insight on local energy scene against the backdrop of the "imminent" National Energy Plan. At the meeting, we'll hear the latest initiatives, metrics, hurdles and objectives from representatives of both gas and electric utilities.

Our speakers will be representatives from Keyspan, National Grid USA, NSTAR. This is a unique opportunity to hear what it takes to design and making energy efficiency programs successful for customers, service providers and regulators. This meeting will help end-users focus their money and people resources. For consultants and service providers, it will help tailor your marketing efforts. Insightful questions from our members have been a highlight of similar evenings in years past. The networking opportunity alone is worth the price of admission so come early to make the most of it. Make sure you register and bring business cards. We aim to adjourn shortly after 8:00 pm.

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New England Chapter Project Awards

The New England Chapter Board of Directors is pleased to announce the recipients of this year's Chapter Project Awards. Please join us in congratulating Massachusetts Electric and Johnson Controls for their excellence in energy engineering.

Massachusetts Electric's project involved the installation of new pumps, motors, variable speed drives and a SCADA control system at the **Brockton Water Department's** Silver Lake Pumping Station located in Pembroke, Massachusetts. The sta-

PRESIDENT'S MESSAGE

So long hot summer beach days, shaded hammocks, school vacation and hello apples, pumpkins and turkeys. Well, it's that time of year. We are getting ready to ramp up for another season of great topics and getting excited about networking with old friends once again. We will get started as usual with our first meeting of the year, the Utilities Night where we find out all about what our utility folks have been up to in finding ways to help us conserve energy and save money. I am sure there will be lots of talk around the bar about the great New York / Mid West black out, possible causes and solutions, the rising (and rising and rising) cost of energy in New England, our National Energy Plan, or lack thereof, and I am really looking forward to it all.

Keep in mind that we have a very active and friendly board and anyone who would like to participate in board discussions is quite welcome to do so. We meet in the lounge area of the hotel at 4:30 before the regular meetings and we are always looking for fresh blood, er, I mean, ideas.

See you all in Waltham on Oct 1.

Kathy

Kathy

Kathy Stanley

LOCAL ORGANIZATION NOTICES

tion is operated by US Filter and pumps approximately 12 million gallons per day of municipal drinking water into reservoir tanks located in Brockton. The project cost was \$508,000 and received a \$254,000 incentive. The simple payback including incentives, energy and maintenance savings was close to 3 years.

The **Johnson Controls** project involves a 10-year performance contract with the **Town of Fairfield, CT**. Johnson installed building automation systems in 22 town buildings, networked all the systems together, installed 9 new dual fuel boilers, converted another 15 boilers to dual fuel, installed new roof top units, air handling units and pumps where required and provides maintenance and train-

ing for the term. Under the agreement, the Town of Fairfield paid \$4.7 m for the improvements upon their installation and pays \$1.6 m in quarterly installments over the contract term. Johnson Controls guarantees the Town will save at least \$7.2 m over the 10-year period. If savings are less than the guaranteed amount, Johnson will pay the Town the difference.

Awards will be presented during the November chapter meeting. Please be sure to join us in congratulating the recipients for projects well done.

Become a Sponsor!

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EMPLOYMENT OPPORTUNITIES

ENDOWED CHAIR IN SUSTAINABLE ENERGY STUDIES

Eastern Connecticut State University (ECSU) is seeking to fill an Endowed Chair in Sustainable Energy Studies to work along with ECSU's Institute for Sustainable Energy and develop an undergraduate curriculum and community-based programs in Sustainable Energy. This is a tenure track position at the rank of full professor. The job announcement, including a job description, required qualifications, and instructions for applying is available at

www.easternct.edu/depts/personnel/jobs.html

CHAPTER SPONSOR NEWS

RES CONTINUES TO EXPAND STAFF

RES Engineering, Inc. of Hudson, MA, is pleased to announce that Patrick J. Curran, PE has joined the firm as Vice President. Mr. Curran will have an integral part in setting the company's long term goals, strategies and policies.

With over 22 years of experience in mechanical design, Mr. Curran's responsibilities as Vice President will include business development and project management. Mr. Curran will also oversee the design and construction administration of HVAC, Plumbing, Fire Protection, and Process Piping Systems for a variety of facilities. He will be promoting the various services offered by RES: Facility Services (Energy Audits, Commissioning, Electrical Coordination Study), Design, and Design-Build.

MEMBER NEWS

NICK JOHNSON FROM BR+A HONORED BY MDA

Nick was named recipient of the Muscular Dystrophy Association's 2004 National Personal Achievement Award. The award is part of MDA's program of recognizing the achievements and community involvement of people across the country that are affected by neuromuscular diseases. Nick was chosen for the national honor from state recipients across the country.

Nick is a Certified Energy Manager and certified LEEDs engineer (Leadership in Energy and Environmental Design). Nick served as president of the Boston Chapter of the American Society of Heating, Refrigeration and Air-Conditioning Engineers in 1999-2000.

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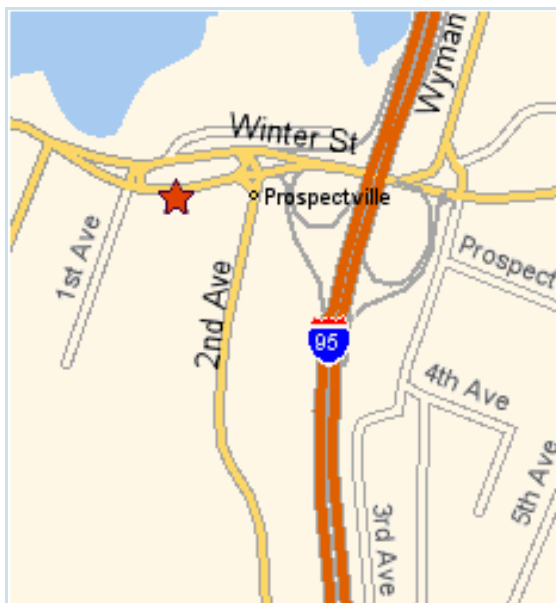
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Further, he served as chairman of the Massachusetts State Energy Advisory Committee in 1996-2000.

Nick is an active participant in many fund-raising events for MDA and is credited with helping to raise more than \$250,000 in the past decade. He's also a mentor to several local young people who are affected by neuromuscular diseases, and he strives to set a positive example for what can be achieved despite disability. At age 19, Johnson received a diagnosis of Friedrich's ataxia, a degenerative disease of the peripheral nerves that causes a progressive lack of coordination and muscle weakness. We are proud to have Nick as a member of our industry and congratulate him on his accomplishment.



Members are invited to submit announcements on recent career changes, promotions, retirements etc. Please send notices to the Newsletter Editor.

**Meeting Announcement**

Wednesday, October 1, 2003

Doubletree Guest Suites Hotel
 550 Winter Street - Exit 27B off Route 128 (I-95)
 Waltham, MA
 4:30 Board Meeting
 5:30 Registration and Networking
 6:30 Dinner and Presentation
 Space Limited - Reservations Required,
 Call the Reservation Line Today - 781-446-0125
 Or
 Email Reservation To - arthur1771@aol.com

\$40 per person ~ \$15 per student with ID

EVENTS CALENDAR

Date	Event	Contact
10/01/03	Fundamentals of Compressed Air Systems Seminar	www.compressedairchallenge.org
10/02/03	Fundamentals of Compressed Air Systems Seminar	www.compressedairchallenge.org
Start Date 10/07/03	The Building Operator Certification Course	www.neep.org/boc
10/23/03	Fundamentals of Compressed Air Systems Seminar	www.compressedairchallenge.org
10/27-28/03	Energy Sustainability Conf. Eastern Conn. State Univ.	www.sustainenergy.org
11/05/03	AEE New England Chapter Meeting	www.aeenewengland.org
12/03/03	Fundamentals of Compressed Air Systems Seminar	www.compressedairchallenge.org

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