15th Anniversary 1977-1992

NEW ENGLAND CHAPTER
S. M. Di Giacomo, P.E., C.E.M.
% EUA Cogenex Corp.
Boott Mills South
100 Foot of John St.
Lowell, MA 01852

*** JANUARY 1994 MEETING ANNOUNCEMENT ***

Date: Wednesday, January 5, 1994

Place: Guest Quarters Suite Hotel
Winter St (Exit 27b, Rte. 128)
Waltham, Massachusetts
(617) 890-6767

Topic: Fuel Cells

Speakers: Mr. Gregory J. Sandelli, Marketing Manager
ONSI, International Fuel Cells Corporation

Time: 4:30 PM to 5:30 PM - Board Meeting
5:30 PM to 6:30 PM - Social Hour
6:30 PM to 7:30 PM - Dinner
7:30 PM to 8:30 PM - Program

Cost: $25 per member with reservation
$30 per guest or non-reserved member
$15 per student with I.D.



*Take Exit 27B off of Route 128 North or South

Please call Ms Julie Woolhiser at (508) 441-0090 for reservations on or before Tuesday, January 4, 1994.

About the Program:

The fuel cell is similar to a battery. It uses an electrochemical process to directly convert the chemical energy in a fuel cell into electricity, heat and water. There is no need for inefficient and noisy rotating machinery or for polluting combustion processes. Fuel cells differ from batteries in that they do not run down. They will continue to produce energy as long as fuel and air are supplied to the cell. ONSI is a subsidiary of International Fuel Cells Corporation, one of the world leaders in fuel cell technology. The model PC25 200 kW natural gas fuel cell power plants are currently providing clean, quiet, and highly efficient (cont'd on page 2)

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PRESIDENT'S MESSAGE

Our December Meeting, which was jointly held with ASHRAE, drew a substantial number of attendees and was very well received.

January's Meeting Topic is shaping up to be an exciting presentation and I am sure it will be of great interest to all those members involved with the procurement and efficient use of energy.

I would also like to remind our members that if they would like to submit ideas for future meeting presentations, please contact any of the Chapter Officers.

I recently spoke to the AEE Headquarters in Atlanta regarding the duplication of mailing renewal membership forms. It appears that the computer printed several membership renewal forms and you can disregard the second form if you were double mailed.

As the new President of the New England Chapter of the Association of Energy Engineers for 1994, I would like to thank Albert Howes for an outstanding job accomplished in 1993 as the chapter President. I would also like to make the announcement of Stephen Di Giacomo as the 1994 Vice President, along with Hal Meyer becoming the Newsletter/Secretary. Arthur Orenberg will continue as Treasurer and Robert Di Giandomenico will become the Corporate Sponsor Chairmen.

I would like to extend to all of our members a very joyous and happy holiday season and a safe and prosperous New Year.

Richard Costello, 1994 Chapter President

TONIGHT'S TOPIC (Cont'd from Pg. 1)

energy around the world, as well as setting world records for fuel cell power plant performance. This type of power plant is a packaged phosphoric acid fuel cell. It is designed with all of the components necessary to convert natural gas to utility quality AC power and provide heat suitable for domestic hot water or space heating at 165 DEGF. The unit generates electricity at an efficiency greater than 40%. When the thermal energy is recovered, the fuel cell overall efficiency approaches 85%. The fuel cells are controlled by a controller that enables the unit to operate unattended, either connected to the utility grid, or independent of the grid to power dedicated circuits. These units can also be placed either indoors or outdoors. Mr. Sandelli's presentation will focus on the operational aspects of the fuel cell along with the various types of possible applications. This presentation is sure to be of great interest to all of us in the energy field and we hope to see you all at the January AEE Meeting.

About the Speaker: Gerry J. Sandelli is the ONSI Marketing Manager for the Northeast. He has twenty-five years of experience in fuel cell power plant development and marketing. He holds a Bachelor Degree in Mechanical Engineering from the University of Hartford.

Energy Investment, Inc seeks Project Managers These positions require a BSME or BSEE (or comparable), strong technical, analytical and writing skills and related experience in building energy consulting/engineering analysis, design and construction. Must have strong project management skills in utility DSM programs. Send resume and salary history to: Marilyn Tromer, One Winthrop Square, Boston, MA 02110

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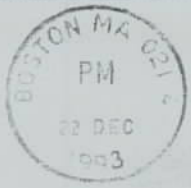
1993 - 1994 AEE MEETING TOPICS

January 5, 1994	Fuel Cells	Richard Costello
February 2, 1994	Cambridge Electric Cogen / District Steam Tour	Robert Di Giandomenico
March 3, 1994	Corporate Sponsor Night	Guest Host
April 4, 1994	Deer Island Field Trip	Roger Haffermehl
May 4, 1994	Spouses Night: Electric Vehicles	Jim Russell

1994 ASHRAE MEETING TOPICS

January 18, 1994 (Research/Promo Night)	Site Utility Distribution Back-up I.A.Q.	Bob Persechini
February 22, 1994 (Student Night)	National Engineer's Week Back-up CA 3rd Harbor Tunnel	J. Magarian / M. Sconsoni Britta Fominaya
March 8, 1994	ASPE Joint Meeting Ventilation of Bio. & Pharm. Buildings	John Morrill
April 26, 1994 (Student Member Night)	Product Show Utility Rebate Programs	Mark Vandini Eric Edman
May 14, 1994	Installation of Officers Boston Museum of Science Omni Theater	Jeff Schultz
June 6, 1994	Golf Outing	Bob Regan

New England Chapter AEE
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