



February 2009

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**FEBRUARY DINNER MEETING
 YOUNG ENGINEER'S NIGHT**

Date: Tuesday, February 24, 2009

Location: **Annie Moore's**
 50 East 43rd Street
 (Between Madison & Vanderbilt)
 212.986.7826

AGENDA

5:30 – 6:30 PM: Social Hour
 6:30 – 7:30 PM: Dinner (*If anyone has special dinner requirements, please email Joseph Azzopardi one week prior to the meeting at lazzow@yahoo.com)*)

7:30 – 8:30 PM: Technical Presentation
Speaker: Corey Glick, President
 Gary Blankoph, V.P.
 Bruce Beckwith, V.P.
RSP Systems

Topic: **Microturbines**

Theme: **Young Engineer's Night**

Cost: Student Members - \$20
 YEA Members - \$30
 NY Chapter Members - \$35
 Non-Members - \$40

CASH OR CHECKS ONLY

ASHRAENY will assess a \$10 service charge for ANY IOU's for attendees not paying the full attendance fee at the door.

**Smoking is Prohibited at All ASHRAE Dinner Meetings.
 PE's are eligible for 1 PDH Credit Pending**

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FEBRUARY DINNER MEETING SPEAKERS

RSP Systems was founded in 2004 by Cory Glick, President and Gary Blankoph, Vice President. RSP is the Distributor for Capstone Turbine Corp. in the New York and northern New Jersey territories.

RSP is focused on educating, training and supporting our sales channel and authorized installation contractors so that they can choose the best solution for their clients' facilities on-site power requirements.

- Commissioned in Jan. 2008 the first four legal microturbine sites in the NYC metro area under the new Microturbine Code of Nov./Dec. 2007
- Members of USGBC
- Partnered with WESCO Distribution in May 2008 for marketing and sales channel development.

Management

Cory Glick, President: Co-founder of RSP Systems. He is responsible for day to day operations, business development dealer and sales representative relationships. Cory is in charge of mechanical engineering applications, service contracts and has the responsibility for project overview. Cory has more than 20 years of commercial and industrial mechanical contracting, design-build and service experience .

Gary Blankoph, Vice President: Co-founder of RSP Systems. He is responsible for day to day electrical engineering; equipment and systems software integration, utility interconnect issues, service issues and general project overview. He has been in the electrical contracting business since 1986. Gary has a Master's Electrical License and many years of experience in general construction services.

Bruce Beckwith, Vice President of Sales & Marketing: In May 2007, Bruce joined RSP Systems where his primary responsibility for the company is building and managing the sales department and evaluating facility energy profiles. Prior to joining RSP Systems, Bruce served as a Vice President of Northeast Sales for Capstone Turbine Corp. Prior to joining Capstone, Bruce served as Branch Manager for Wesco Distribution in Maspeth, NY, where he oversaw all major switchgear and lighting projects for the five boroughs of New York. Prior to joining Wesco, for 20 years Bruce was President and owner of a NY electrical contracting firm, and held multi Master's Electrical Licenses since 1980 including the five boroughs of New York, Nassau, Suffolk, Westchester and Connecticut.

PRESIDENT'S MESSAGE

by Om Taneja, P.E.

What has been the Buzz at the ASHRAE 2009 Winter Conference held in Chicago on January 24-28? With 2,800 people attending the conference and with 54,000 visitors and exhibitors coming to the AHR Expo, the direction set there guides us for our collective goals and ASHRAE NY Chapter activities.



ASHRAE is moving towards "Whole Building Energy Labeling Program and

developing high performance building standard and certification programs". While Building Energy Labeling Programs have advanced in Europe, they have been limited to the Department of Energy, "Energy Star ratings". ASHRAE's program intends to develop uniform metrics to advance grass-root energy efficiencies. It will include rating the energy performance of buildings covered by ASHRAE Standard 90.1 and ASHRAE Standard 189.1P, "*Design of High Performance Green Buildings except low-rise Residential Buildings*". As a matter of pride US Department of Energy issued a ruling on December 30, 2008, establishing **ASHRAE Standard 90.1-2004 as National Reference Standard by DOE**. States must now certify that their building codes meet the requirements in ASHRAE/IESNA's 2004. ANSI/ASHRAE/IESNA Standard 90.1-2004, *Energy Standard for Buildings Except Low-Rise Residential Buildings*, has been established by the DOE as the commercial building reference standard for state building energy codes under the federal Energy Policy Act.

Due to important role that ASHRAE Standards 90.1 and 189.1 hold for the Building Industry, ASHRAE NY Chapter will be conducting, during March 2009, an all day seminar on ASHRAE 90.1 and an evening meeting on ASHRAE 189.1. This is the time, we should all learn applications of these standards by participation in these forthcoming events.

Beyond Energy Labeling and High Performance Building Design, Chicago Winter 2009 conference promoted "*Sustainable Urban Design*", *Demand Controlled Ventilation, innovations in mechanical systems for high-rise buildings, commercial buildings retuning, lessons learned from solar technologies, air filtration for sustainable buildings, variable speed pump applications for energy savings and building information modeling for performance analysis*. The focus continues to be on reviewing carefully how we use and discard our valuable resources and how we design, build, operate and maintain facilities that reduce the carbon footprint at home and at work by first taking easy and effective steps and progressing towards technology driven high-performance buildings and other facilities and services. Concomitant focus needs to be on buildings façade, and modeling of Buildings and Air flows to guide us to intelligent Buildings Management Systems.

With extensive stimulation package anticipated from the Government, small steps by all of us can make us environmentally responsible for a better and greener world. In that context, ASHRAE NY's educational events and seminars can help us to stay abreast of emerging technologies and standards. We hope that you would partake in such exciting events.

BOARD OF GOVERNORS HIGHLIGHTS

Ever wonder what we're talking about at our monthly Board meetings a week before the monthly dinner meetings? We discuss overall Chapter Operations and here are some of the items that we're discussing at present:

- ASHRAE awarded three scholarships to students totaling \$6,000 for the academic year.
- Please check your e-mail to verify that you are receiving the bulletin – our new service provider is still receiving voided addresses. Please send your updated e-mail addresses to bulletins@ashraeny.org.
- Chapter is seeking membership from Practicing Institute of Engineers. This will help to serve our membership better with PDH awarding.
- Holding Student and Membership Promotion Nights at our dinner meetings and award membership certificates and scholarships.
- And last, but certainly not least, how best to serve our Membership...YOU!

And much, much more! Sound interesting? Anyone who is interested in helping out the Board of Governors on any one of our committees, events or activities, please contact Om Taneja.

2008/09 DINNER MEETING SCHEDULE

Note: The schedule below is tentative and subject to change.

Date	Topic/Speaker
February 12, 2009	High Performance Building Salon <i>Gordon Holness, ASHRAE President-Elect, DL</i>
February 24, 2009 Young Engineer's Night	Microturbines <i>Cory Click</i> <i>Gary Blankoph</i> <i>Bruce Beckwith</i> <i>(RSP Systems)</i>
March 23, 2009	Green Buildings and Proposed ASHRAE 189.1 Standard for High Performance Buildings <i>Dr. Thomas Lawrence</i>
March 24, 2009	All Day Seminar ASHRAE Standard 90.1. <i>Larry Spielvogel, P.E., DL</i>
March 24, 2009 Research Promotion Night	NYC Building Code Smoke Control in Buildings <i>Kevin Morin, P.E.</i>
April 28, 2009 Life Member Night	Maintain to Sustain, Delivering ASHRAE's Promise <i>William Harrison</i> <i>ASHRAE President</i>
May 26, 2009 Past President's Night	Energy Storage A Critical Technology for Achieving a Renewable Energy Based Future <i>Mark MacCracken</i>

RESEARCH PROMOTION

Brian W. Ryglewicz, Research Promotion Chair

The Research Promotion Campaign annually raises funds to support ASHRAE’s research program. It is conducted by the Society’s membership through local chapter volunteers and receives over 7,000 contributions each year from the membership and companies associated with the HVAC&R industry. Of these 7,000 contributors, about 50 are from our chapter.

This annual support totals more than \$1.5 million annually and is matched dollar-for-dollar by ASHRAE from the proceeds of the annual winter AHR Exposition. Since ASHRAE pays all the fund raising expenses, 100% of every donor’s invested dollar goes into the research program.

The New York City Chapter is expected to raise approximately \$25,250.00 towards the overall goal, but I believe our chapter is capable of much greater. After discussion our goal with ASHRAE Life Member Dick Batherman, I believe that the New York City Chapter should set its goal at \$30,000. The Chapter is counting on the continued support of our past contributors who generously supported us last year. We also look forward to gaining the support of new contributors. The Chapter will be recognizing contributors at the Monthly Dinner Meetings, in the Monthly Bulletin and at the Chapter’s website.

You can make your contribution several different ways:

- Attend a Monthly Dinner Meeting and deliver your personal check (made payable to “ASHRAE Resource Promotion”) to me. I will send the donation to ASHRAE for you.
- Attend a Monthly Dinner Meeting, prepare a Contribution Form and contribute via a major credit card.
- Go to https://www.ashrae.org/aboutus/resource_promotion.asp.
- Complete the form on this page and mail to:

NYC ASHRAE Research
P.O. Box 187
Glen Rock, NJ 07452

All four methods require your ASHRAE membership number and the NYC Chapter’s number (008). Thank you again for all your support and I look forward to a great year!

Research Promotion Contribution Form

PLEASE COMPLETE THE INFORMATION & RETURN WITH YOUR CONTRIBUTION TO:

NYC Chapter of ASHRAE
P.O. Box 187
Glen Rock, NJ 07452

Please accept my research investment in the amount of \$_____

Name_____ ASHRAE Member_____

Company_____

Address_____

City/State/Zip Code_____

Please check one of the following: () Individual Contribution () Corporate Contribution

Charge my donation to: () Visa () MasterCard () American Express

Credit card #_____ Expiration Date_____

Signature_____

Donors will be recognized at the Monthly Dinner Meetings, in the Monthly Bulletin and at the Chapter’s website. Honor Roll donors are listed in the ASHRAE Journal (October 2009) and will receive a commemorative coin. Honor Roll level is \$100 for individual donors and \$150 for corporate donors. Contributions of \$250 or more are considered Major Donors. For recognition and other information regarding Major Donors, please contact Brian Ryglewicz at 212-685-7077. All contributions are tax deductible.

PROFESSIONAL DEVELOPMENT HOURS

Available to P.E.'s at our Monthly Dinner Meetings

As I am sure all New York State licensed P.E.'s are aware, NYS Education Law Article 145 states: *"During each triennial (three-year) registration period an applicant for registration shall complete a minimum of thirty-six hours of acceptable continuing education..."*

What is meant above by "continuing education" are Professional Development Hours or PDH's and a NYS licensed Professional Engineer must accumulate thirty-six PDH's during each three-year registration period in order to be able to renew their P.E. license.

A Professional Engineer may be eligible to receive one (1) PDH for attending a monthly ASHRAE New York Chapter Technical Dinner Presentation.

The New York Chapter holds eight (8) dinner meetings a year, which means a P.E. attending all eight (8) meetings may be eligible to receive up to eight (8) PDH's for that year. That combined with a Chapter All Day Seminar awarding up to seven (7) PDH's (equaling a potential total of 15 PDH's for a year), means a P.E. may be able to accumulate **ALL** the PDH's they need in one year from the New York Chapter.

We at the New York Chapter are very excited about this opportunity to be a "one-stop-shop" to provide our P.E.'s with all their Professional Development Hours (PDH's) and hope you will take advantage by attending all our meetings.

To be eligible to receive PDH's at our meetings, all you have to do is sign in on the separate Sign-In Sheet at the dinner meeting registration table and that's it. **Be sure to have your PE License number available when you sign in.** For meetings that have been approved for a PDH, a certificate stating you attended the meeting will be made available at the subsequent dinner meeting. For example, the certificate stating that you attended the September dinner meeting will be available for you at the October dinner meeting and so forth. If you are unable to pick up your certificates at the dinner meetings, they will be mailed to you in June.

Please note, it costs \$20 for Student Members, \$30 for YEA Members, \$35 for NY Chapter Member and \$40 for Non-Members to attend a NY Chapter dinner meetings. **No additional cost to ASHRAE members and ASHRAE non-members will be enacted for the PDH service, however, regardless of whether or not you eat dinner, you still have to pay the full attendance fee.**

We at the Chapter invite all P.E.'s to attend our dinner meetings in 2008 to help usher in this new era of Professional Development. If anyone has any questions, please do not hesitate to contact:

Ed Falsetti
Professional Development Committee
 212.334.2025
ed.falsetti@burohappold.com

ASHRAE NEW YORK IS NOW PAPERLESS

EFFECTIVE AUGUST 2005, ASHRAE New York began e-mailing all monthly bulletins. This has helped defray the high cost of production, printing and mailing of the bulletin. Our monthly bulletins are also available on our web site for downloads.

By utilizing e-mail, ASHRAENY is also able to send reminders and other pertinent information to our membership in a relatively short manner.

If you have any concerns regarding our e-mail listing and privacy usage, please contact any member of the ASHRAENY Board of Governors. Contact information can be found at the back of this bulletin. Thank you in advance for your cooperation.

Likewise, if you are moving or change your address for any reason, please make sure to contact ASHRAE Society and update your information. We don't want to lose you!

Thank you for your patience as we shifted to a "paperless" bulletin and e-mail system. Please e-mail your updated e-mail address to bulletins@ashraeny.org to maintain your current address or get on the e-mail list.

CALL FOR NEW MEMBERS

Do you have a colleague, coworker, friend or acquaintance that is interested in joining ASHRAE? If so, please pass this information along to them...

The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) is an international organization of over 55,000 professional and 5,000 student members. ASHRAE's mission is to advance the arts and sciences of heating, ventilation, air conditioning, refrigeration and related human factors to serve the evolving needs of the public and ASHRAE members.

Membership in ASHRAE is open to any person associated with heating, ventilation, air conditioning or refrigeration (HVAC&R). As a member you will have access to state-of-the-art HVAC&R technology. Your membership will also provide many opportunities to participate in the development of that technology.

In addition to the NY Chapter, participation is available through membership on Society committees, such as standards projects committees, which are responsible for the development of standards and technical committees which advise the Society on research needs, emerging technologies, and technical matters. Technical education and information is the greatest benefit of ASHRAE membership.

Others include:

- ASHRAE Handbooks - the most widely cited reference source for HVAC&R technology in the world. ASHRAE members receive one volume of the ASHRAE Handbook (which sells for \$144) each membership year at no charge.
- ASHRAE Journal - a monthly magazine, reviews current HVAC&R technology of broad interest through publication of application-oriented articles.
- ASHRAE Insights - a monthly newspaper that provides news about ASHRAE at the chapter, region and Society levels.
- ASHRAE publications - some 300 current titles, which members are able to purchase at a 20% discount.
- ASHRAE educational products - ranging from the Society's semiannual conferences to home study courses.

For additional information on ASHRAE membership, please contact Ernest Gallo, NY Membership Chair at 718.793.6900.

MEMBERSHIP

The New York Chapter of ASHRAE is encouraging everyone to invite interested applicants to ANY Dinner Meeting to become a member of the Society. If you bring an applicant to any meeting you and the new member will receive a complimentary dinner. To receive the complimentary dinner, the candidate must bring a completed application or fill in an application at the door. A **\$165 membership fee** is also required. Please bring cash or a check made payable to ASHRAE.

To all of our members we appreciate your membership and support. If you show up at a Dinner Meeting and your name is not on the list as a member of the New York Chapter we encourage you to check with ASHRAE and make sure you are listed under the New York Chapter. The New York City Chapter code is 008. If you don't specifically tell ASHRAE you will default to your listed address. Thanks again for your support." For additional information please contact the New York Membership Chair, Ernest Gallo at 718.793.6900, or via email at egallo@accardicompanies.com.

ASHRAE CODE OF ETHICS

As a member of a Society *"organized and operated for the exclusive purpose of advancing the arts and sciences of heating, refrigeration, air conditioning, and ventilation, the allied arts and sciences, and related human factors for the benefit of the general public,"* ASHRAE Bylaws, June '97.

We recognize that honesty, fairness, courtesy, competence and integrity must characterize our conduct. With the foregoing in mind: Our efforts shall be directed at all times to the enhancement of the public health, safety and welfare; Our services shall be offered only in areas of our competence; Our products shall be offered only in areas of their suitability; Our public statements shall be issued only in an objective and truthful manner; Our endeavors shall carefully avoid conflicts of interest; The confidentiality of clients' and employers' business affairs, proprietary information, and procedures shall be respected.

Approved by the Board of Directors, June 22, 1986. The ASHRAE Code of Ethics is applied to all members and compliance is required for honors and awards nominees. The Code is posted online at www.ashrae.org

FROM THE EDITOR'S DESK

The ASHRAE Chapter Bulletin should reflect the opinions, activities and needs of its members. We represent an active membership and the Bulletin can provide a valuable and enjoyable forum for news of our individual members. Any announcements of interest, as well as letters, opinions, questions or comments should be address to:

Alexander Weiss, P.E.
8 Bergen Beach Place
Brooklyn, NY 11234-5743
weisseng@gmail.com

DISCLAIMER

"ASHRAE has compiled this publication with care, but ASHRAE has not investigated, and ASHRAE expressly disclaims any duty to investigate any product, service, procedure, design or the like which may be described herein. The appearance of any technical data, editorial material, or advertisement in this publication does not constitute endorsement, warranty, or guaranty by ASHRAE of any product, service, procedure, design or the like. ASHRAE does not necessarily agree with any statement or opinion in this publication. The entire risk of the use of any information in this publication is assumed by the user. Statements made in this publication are not expressions of the Society or of the Chapter and may not be reproduced without special permission".

To view current resumes and/or employment opportunities, check out our new student center, or get the latest ASHRAE information, visit our web site at: www.ashraeny.org. To post resumes or job opportunities, please contact Alexander Weiss, PE at 718.251.1154 or weisseng@gmail.com

Remember you must be a current ASHRAE member to utilize this service.



MONTHLY DINNER LOCATION

Annie Moore's
50 East 43rd Street
New York, NY
(Between Madison & Vanderbilt)
212.986.7826

PARKING INFORMATION

If you are driving to the meeting, we suggest you park at the Edison Park Fast at the Hippodrome Garage. It costs \$14 if you enter after 5:30pm. If you enter before 5:30pm and after 4:00pm, the cost is \$23.

Hippodrome Garage (Edison Park Fast)
44th Street @ 6th Avenue

(Rates include tax. Not to be combined with the Parking License Card.
Oversized vehicles slightly higher)

**\$5 Dinner Meeting
COUPON**

NY Chapter
February Dinner Meeting

For ASHRAE NY Chapter
Members Only

Print & Present at Door to
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price of admission

(Discount does not apply to
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SECRETARY	Meraj Ramnarine	212/594.4000 mramnarine@tciedu.com
TREASURER	Ernest Gallo	718/793.6900 egallo@accardicompanies.com

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Javier Aleman	212/465.7720	Bob Filippi	631/495.0880
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Neville Burrows	212/529.5969	Brian Ryglewicz	212/685.7077
Ed Falsetti, P.E.	212/334.2025	Alexander Weiss, P.E.	718/251.1154

OPERATIONAL COMMITTEES

2010 NYC CRC	William Lau, Om Taneja, Bill Madden, Joe Azara, Jr., Joseph Thuman
ALL DAY SEMINAR	Michel Rimpel, Monica Perl, Bill Madden
AUDIT	Gene Geyer, Ernest Gallo, Joseph Thuman
BULLETIN	Neville Burrows, Kevin Gallen, Steven Baumgarten
BY LAWS/GUIDELINES	Richard Batherman
CRC ACTION	Ernest Gallo, Brian Ryglewicz
DINNER DANCE	Brian Azara
DINNER DANCE JOURNAL	Joseph Thuman, Om Taneja, Keven Gallen
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MEMBERSHIP/E-MAIL/MARKETING	Ernest Gallo, Joseph Azzopardi
MEMBERSHIP ROSTER	Joseph Thuman
NOMINATING	Bill Madden
PROFESSIONAL DEVELOPMENT (PDH)	Ed Falsetti, Alex Weiss, Brian Ryglewicz, Om Taneja
PROGRAM	Steven Baumgartner
PUBLIC RELATIONS	Monica Perl
RECEPTION	Joseph Azzopardi, Brian Azara
REFRIGERATION	Alexander Weiss
RESEARCH PROMOTION	Brian Ryglewicz
STUDENT ACTIVITIES	Alexander Weiss, Joseph Azzopardi, Javier Aleman
SUSTAINABILITY	Steven Baumgartner
TEGA/CTTC LIAISON	Alexander Weiss, Lou Rugulo
WEB SITE/"PAPERLESS" BULLETIN	Kevin Gallen, Alexander Weiss
YOUNG ENGINEERS NIGHT	Ernest Gallo, Javier Aleman

ASHRAE REGION 1 2008-2009 EXECUTIVE COMMITTEE & SOCIETY CONTACTS

<u>DRC - DIRECTOR & REGIONAL CHAIR</u>	<u>ARC - ASSISTANT REGIONAL CHAIR & TREASURER</u>	<u>NOMINATING COMMITTEE MEMBER</u>	<u>NOMINATING COMMITTEE ALTERNATE</u>	<u>RVC MEMBERSHIP PROMOTION</u>
Garry N. Myers WSP Flack + Kurtz Inc. 73 Bonnie Way Allendale, NJ 07401 212/951.2815 Garry.Myers@wspfk.com	Spencer Morasch Jersey Central Power & Light 331 Newnan Springs Road Red Bank, NJ 07701 732/212.4133 smorasch@firstenergycorp.com	Emery Otruba, P.E. 262 Johnson Hill Rd Hoosick Falls, NY 12090 518/686.4436 eotruba@verizon.net	Cliff Konitz 4 Dennis Road Wappingers Falls, NY 12590 845/297.5864 c.konitz@verizon.net	Joseph Furman Belimo Americas 43 Old Ridgebury Road Danbury, CT 06810 203/749.3163 joe.furman@us.belimo.com
<u>RVC RESEARCH PROMOTION</u>	<u>RVC CHAPTER TECHNOLOGY TRANSFER</u>	<u>RVC STUDENT ACTIVITIES</u>	<u>REGIONAL CHAPTER PROGRAMS CHAIR</u>	<u>REGIONAL REFRIGERATION CHAIR</u>
Ron Swarthout 921 Forest Road Endwell, NY 13790 607/754.7590 rswarthou@cs.com	Lee Loomis Center for Environmental Information 55 St. Paul St. Rochester, New York 14604 585/738.3079 leeloom@aol.com	Richard Vehlow NYS Office of General Services, 33rd floor Corning Tower GNARESP Albany, NY 12242 518/486.1510 Rev1969@gmail.com	Peter Oppelt R.F. Peck Co. 889 Atlantic Ave. Rochester, NY 14609 585/697.0836x103 poppelt@rpeck.com	<i>Position Vacant</i>
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