

October 2006

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OCTOBER DINNER SPEAKER/TOPIC SUMMARY

Peter V. K. Funk, Jr. practices in the area of energy law with a focus on energy generation projects, including on-site cogeneration, energy conservation and energy management installations, demand-side management projects such as advanced metering, renewable resource and "green" generation, and energy-related financing matters. He has advised many clients in these areas and has served as outside general counsel to an energy services company. Mr. Funk also practices in the area of utility law and has advised gas and electric utility companies and served as outside general counsel for such a utility. Additionally, he has advised clients on many construction matters.



A member of the American and New York State bar associations and the Association of the Bar of the City of New York, Mr. Funk is a 1973 graduate of Boston University School of Law, where he won the American Jurisprudence Award.

Energy Policy Act 2005 (Epact) Implications for the Design & Construction Community

Peter Funk, Esq. a partner with Duane Morris Law Firm will present implications of a comprehensive Energy Bill passed by the US Congress in 2005. EPACT relies heavily on ASHRAE 90.1 Energy Efficiency Standards for buildings as a benchmark and requires Federal Facilities to reduce the energy usage by 2% per year and achieve energy usage levels that are below the ASHRAE 90.1 standards by 20% or more by the year 2015. This is a challenging requirement since ASHRAE 90.1 already

OCTOBER DINNER MEETING

***** NEW LOCATION *****

Date: Tuesday, October 24, 2006
Location: **Spanky's BBQ**
 127 West 43rd Street
 (Between 6th & Broadway)
 212-575-5848

AGENDA

5:30 – 6:30 PM: Social Hour
 6:30 – 7:30 PM: Dinner
(If anyone has special dinner requirements, please email Brian Azara one week prior to the meeting at briana@cdeair.com)

7:30 – 8:30 PM: Technical Presentation
Speaker: Peter Funk, Esq.
 Duane Morris Law Firm

Topic: Legal & Legislative Impact of "EPACT 2005"

Cost: Members \$50.00; Guests \$60.00
 Student Members \$25.00

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
Professional Engineers are eligible for 1 PDH Credit

recommends a highly energy efficient building envelope and buildings systems equipment design and construction. In addition, Federal Agencies are required to procure "Energy Star" equipment and appliances that are designated by FEMP as being in the highest 25% for energy efficiency. EPACT 2005 also stresses more controls and supervisory systems that promote energy efficiency as well as sustainability in "Operations and Maintenance of Facilities" commercial refrigeration equipment, unit heaters and ceiling fans are required to significantly improve their energy performance. Most States and Municipalities have or in the process of passing similar energy efficiency legislations for state, municipalities and schools. Private businesses will be given tax credits and other incentives for energy efficiency initiatives. There would be a greater emphasis on Energy Service Performance Contracts, equipment ratings, lighting improvements in order to deliver performance exceeding ASHRAE Standards. He will discuss specific measures that design, construction, Operations and Maintenance Engineers and Managers would need to take for compliance with the spirit and letter of EPACT 2005

INCOMING PRESIDENT'S MESSAGE

by Michel Rimpel

It's October already, and we are off and running with an exciting program. Our Board of Governors is successfully tackling a range of challenges and is getting ready to take on new ones.



In the past several months the BOG has worked tirelessly to find our new dinner-meeting location, which is centrally located in beautiful Times Square at 43rd St. and Broadway. I want to especially acknowledge our

Reception Chair, Brian Azara, who was instrumental in leading this search.

Our first dinner meeting was held September 26th and was well attended. At the meeting, I outlined our regional organization's theme for the year: "The ASHRAE Promise: a Sustainable Future." Using this theme, we will focus on global awareness of sustainability, with an emphasis on young engineers in the industry and the global community.

The New York Chapter has a long history of providing its members with presentations and seminars on

sustainable issues. We're glad to be carrying on that tradition. In fact, our first dinner meeting featured a presentation called "Energy Efficiency and the Environment" given by Dr. Robert Kulikowsky. Our October 24 meeting will include a talk by Peter V.K. Funk Jr., Esq. on "Legal & Legislative Impact of 'EPACT 2005.'" Special thanks go to Dr. Om Taneja for organizing these programs.

Every year we make scholarships available to undergraduate students enrolled fulltime in an accredited engineering and technology program who have maintained a minimum cumulative GPA of 3.0. (On a scale where 4.0 is the highest). This month we have selected Martin Nolan of City College for the Society's Alwin B. Newton Award for 2006-07, in honor of a pioneer who has held 219 patents.

We have an amazing program this year and will keep you informed by email of all of the upcoming events and the number of PDH's that each one will provide. For details on events and other activities, visit our website at www.ashraeny.org. The website was recently revamped under the direction of Kevin Gallen, and is now filled with new and exciting information about the BOG and our programs.

I look forward to seeing you at our upcoming meetings. Remember, that our Success is based on your participation, attendance, and support.

NEW YORK CHAPTER AWARDS STUDENT SCHOLARSHIPS

Martin Nolan, of City College, was presented with the Alwin B. Newton Scholarship for 2006-2007. He is pictured below right, being congratulated by chapter president Michel Rimpel.



HISTORIAN'S REPORT

by Alexander Weiss, P.E.

One hundred years ago in 1906 US Patent #808897 was granted for conditioning the air. This patent was awarded to Willis H. Carrier. Today ASHRAE, which was founded in 1894, is an international organization with membership exceeding 55,000 persons. ASHRAE mission statement: to advance the arts and sciences of heating, ventilating and refrigerating to serve humanity and promote sustainable word.

Ten Board of Governors members attended CRC in Portland, Maine, on August 17-19, 2006. The NY Chapter was presented with Presidential Award of Excellence and was recognized for achievements in the category of Chapter Operations. The CRC was a great learning experience and excellent networking event.

The NY Chapter must prepare for the November 1st reporting on Chapter activities to the Regional Historian. We received CRC Workshop Handbooks. The Handbooks are guidelines for committee activities and report format.

Committee Chairs should help in providing Chapter meeting reports and documents related to Chapter activities, for the period from July 1st till October 1st of 2006, for indexing and archiving. In addition to original document or hard copy, documents can be submitted on the disks in digital form. We need to prepare a Chapter policy for archiving documents, which will include schedule for updating archives, type and quality of documents, category of documents and indexing, schedule for purging of certain type of documents over specified period of time, and archive maintenance.

This year our Chapter will prepare for archiving Chapter documents in digital form. We need to create New York Chapter Archive Database (NYCAD). New York Chapter members will benefit from having easy access to Chapter history through NYCAD search. We expect a report on archiving this fiscal year documents by next Board of Governors (BOG) meeting in October.

NEWS & NOTES



Congratulations to board member **Brian Ryglewicz** and his wife on the birth of their son!

Welcome to **Glen Irwin, P.E.**, who joined ASHRAE at the September Dinner meeting.



ASHRAE UPDATES

ASHRAE & Elsevier Launch New eLearning System

CHICAGO – A new eLearning system is being launched by the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) and Elsevier.

The system provides complete learning experiences that focus on learning-by-doing that can be taken at any time and at the learner's own pace. It offers online instruction with interactive exercises and problem-solving demonstrations supplemented by authoritative course readers in eBook and printed formats.

The launch was announced at ASHRAE's 2006 Winter Meeting held in Chicago from Jan. 21-25. The system also offers integrated assessment, skills tracking for earning CEU/PDH credits and online registration and retrieval of certificates of course completion.

The first course *Fundamentals of HVAC Systems* will be available April 14. The course will be supported by Learning Bursts, in-depth scenario-based training and simulation ASHRAE and Elsevier exercises with a heavy focus on applicability. Learning Bursts allow learners to apply the information presented and practice extensively without making costly mistakes in the real world.

"ASHRAE eLearning Systems from the ASHRAE Learning Institute offer a flexible, skills-focused, approach that meet today's learning needs," said Gordon V.R. Holness, PE, chairman emeritus, Albert Kahn Associates, Inc. Architects and Engineers. "These learning on-demand programs are backed up with authoritative references from the ASHRAE Learning Institute, providing the 'real-world' training experience that employers are seeking."

"We believe the ASHRAE eLearning System will revolutionize HVAC&R professional development by allowing engineers to earn their CEU/PDH in an interactive online environment from their office or home without being burdened by the additional expense of accommodation and travel," said Jim DeWolf, vice-president publishing with Elsevier. For more information about ASHRAE eLearning Systems, visit www.ashrae-elearning.org.

ASHRAE e-Learning Systems are the latest offering of the ASHRAE Learning Institute, www.ashrae.org/ali, the arm of the ASHRAE and Elsevier Society that produces seminars, courses and other professional development tools to assist the HVAC&R industry in staying current with rapidly changing technology.

Elsevier is a world-leading publisher of scientific, technical and medical information products and services. Elsevier's 7,000 employees in 77 offices worldwide publish more than 2,000 journals and 1,900 new books per year, in addition to offering a suite of innovative electronic products, bibliographic databases, and online reference works.

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 can now 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 would receive eight (8) PDH's for that year. That combined with a Chapter All Day Seminar awarding at least six (6) PDH's (equaling a total of 14 PDH's for a year), means a P.E. can 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 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.** A PDH certificate stating you attended the meeting will be made available and 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 \$50 for an ASHRAE member to attend a NY Chapter dinner meeting and \$60 for an ASHRAE non-member to attend. **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 2006-2007 to help usher in this new era of Professional Development. If anyone has any questions, please do not hesitate to contact:

Brian Ryglewicz
Professional Development Committee
 212.685.7077
br@chimneydesignsolutions.com

MONTHLY BULLETIN CHANGE

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

By utilizing e-mail, ASHRAENY will also be able to send reminders and other pertinent information to our membership in a relatively short manner. Please e-mail your address to Joe Thuman at jatt21@aol.com.

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!

Please bear with us as we shift 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.

2008 WINTER MEETING

The Winter 2008 Annual Trade Show and Winter Meeting will take place in New York City. ASHRAE New York is actively searching for people interested in helping ASHRAE run the show. If you are interested and would like to speak to someone concerning the event, please contact Joseph Azara (718.788.1040).

RESEARCH PROMOTION
Eric Glatzl – Chapter Chair

We would like to thank you for your past investment in ASHRAE Research, and hope that you and your company will once again make a significant investment in improving the way we live. Your generous contributions insure the future of our industry and influence our health and well being for today and for future generations. At the Society meeting in June 2005, five new research projects were approved at a cost of over \$650,000 thanks to funds received from last year's campaign. There are now 93 active research projects being underwritten by ASHRAE Research.

Please make an investment today by completing the information below and return it with your investment. It is with great pleasure and gratitude for me to be a part of ASHRAE and the New York Chapter, it is therefore with this motivation and drive that I call upon you to support our research and make this a better place to live in.

ASHRAE Research Promotion

I will support ASHRAE Research in the amount of \$ _____ (Check enclosed payable to ASHRAE Research)

Member Number: _____

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Company Name: _____

Address: _____

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Please Check One: Company Contribution
 Personal Contribution

Charge my gift to: Visa American Express

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Expiration Date: _____

Signature: _____

Send to: ASHRAE Research Fund
 1791 Tullie Circle N.E.
 Atlanta, GA 30329-2305

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:

- 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.
- Setting up our first ever NY Chapter "Sail & Learn" cruise to Nova Scotia.
- Holding an ASHRAE Charter night for our newest student branch at Brooklyn Polytech.
- 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 Michel Rimpel.

TECHNICAL PAPERS

The following technical papers can be downloaded from our website at www.ashraeny.org. If hard copies are needed, please contact any of the BOG of ASHRAENY.

Mold and Moisture Control Guidelines for Design, Remediation and Operation of HVAC Systems in New York City Buildings

By TEGA Committee of ASHRAE – NY Chapter

Summary Report of Refrigeration

By Operational Committee ASHRAE – NY Chapter

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 students 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 call Michael Koerner, NY Membership Chair at 212.354.5656.

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 complementary dinner, the candidate must bring a completed application or fill in an application at the door. A \$150 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. For additional information please contact the New York Membership Chair, Michael Koerner at 212.354.5656, or via email at mkoerner@akf-eng.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

2006-07 DINNER MEETING SCHEDULE

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

Date	Topic
Nov. 21, 2006 Research Promotion Night	High Performance and Sustainable Systems – 4 Times Square & Bryant Park Building
Jan. 23, 2007	Emerging Global Information Technology & Communication Technologies
Feb. 27, 2007	ASHRAE’s Initiatives for Energy Efficiency & Sustainability
March 27, 2007	High Performance Ventilation & the role of Computerized Fluid Dynamics Modeling
April 24, 2007 Research Promotion Night	Update on NYC Building, Sustainability & Fire Codes
May 22, 2007	Global Greening & Energy Efficiency Initiatives

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: Kevin Gallen, P.E., Fiskaa Engineering, 575 Eighth Avenue, NY, NY 10018 kgallen@fiskaaengineering.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".

MONTHLY DINNER LOCATION

Spanky's BBQ: 127 West 43rd Street, New York, NY
(Between 6th & Broadway) 212-575-5848

PARKING INFORMATION

If you are driving to the meeting, we suggest you park at the Edison Park Fast at the Hippodrome Garage. It costs \$12 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)

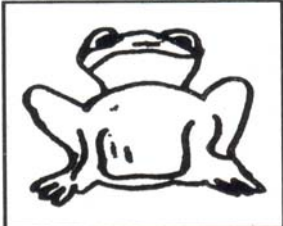
To view current resumes and/or employment opportunities, check out our new student center, or get the latest ASHRAE information, visit our web site at: www.ashraeny.org. To post resumes or job opportunities, please contact Kevin Gallen at 212.736.9600 or kgallen@fiskaaengineering.com.

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



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Neville Burrows	212/529-5969	Michael Koerner	212/354-5656
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John Chernansky	212/731-2020	Lou Rugulo, P.E.	732/967-0591
Dan Esposito	212/736-9600	Brian Ryglewicz	212/685-7077
Ed Falsetti, P.E.	212/480-2591	Peter Unrath	718/729-3801
Kevin Gallen, P.E.	212/736-9600	Alexander Weiss, P.E.	718/251-1154

OPERATIONAL COMMITTEES:

ASHRAE WINTER MEETING **Joe Azara, Jr., J. Thuman, M. Merdinger**
 ALL DAY SEMINAR **Chris Abbott, J. Chernansky, C. Vogel, O. Taneja**
 ARCHIVIST **Joseph F. Azara, Jr.**
 AUDIT **Gene Geyer, J. Thuman, M. Ramnarine**
 BULLETIN/JOURNAL **Kevin Gallen, Robert Gibson**
 BY LAWS/GUIDELINES **Richard Batherman**
 CAREER PAGE **Joseph Azzopardi, L. Rugulo**
 CRC ACTION **Eric Glatzl, R. Batherman, E. Falsetti**
 DINNER DANCE **John Rice, D. Esposito**
 DINNER DANCE JOURNAL **Richard Batherman, T. Tekin**
 FIELD TRIP/CRUISE **Alexander Weiss, A. Hoffman, R. Batherman**
 HISTORIAN **Alexander Weiss**
 HONORS & AWARDS **Dan Esposito, K. Corio**
 HONOR WOMEN ENGINEERS **Monica Perl, L. Bellenger, O. Taneja, A. Finger, A. Hinge, W. Bishop**
 LECTURE SERIES **Lou Rugulo, N. Burrows, R. Batherman, O. Taneja**
 MEMBERSHIP/E-MAIL/MARKETING **Michael Koerner, E. Glatzl, J. Azzopardi**
 MEMBERSHIP ROSTER **Joseph Thuman, K. Corio**
 NOMINATING **Eric Glatzl, G. Geyer**
 PROFESSIONAL DEVELOPMENT (PDH) **Kevin Gallen, B. Ryglewicz, E. Glatzl, O. Taneja, A. Weiss**
 PROGRAM **Om Taneja, E. Gallo, K. Corio**
 PUBLIC RELATIONS **Michel Rimpel**
 RECEPTION **Brian Azara, C. Abbott**
 RECREATIONAL OUTINGS **Ernest Gallo**
 REFRIGERATION **Peter Unrath, A. Weiss**
 RESEARCH PROMOTION **Eric Glatzl, J. Azzopardi, E. Gallo**
 STUDENT ACTIVITIES **Kenneth Corio, D. Esposito**
 TEGA/CTTC LIAISON **Kenneth Corio, R. Gibson, W. Lau**
 WEB SITE/"PAPERLESS" BULLETIN **Kevin Gallen, A. Weiss**
 YOUNG ENGINEERS NIGHT **Neville Burrows, M. Koerner, B. Azara, K. Gallen, K. Corio, E. Glatzl**



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