

The Central New Yorker

ASHRAE Newsletter

The CNY Chapter of the American Society of
Heating, Refrigerating and Air Conditioning Engineers

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The President's Message

The January meeting was well attended and we had a great dinner at the Dinosaur BBQ Restaurant. I would like to say thank you to our Program Chair, Mike Kingsley, for arranging a great tour of the Center of Excellence and the Carrier Lab. Pictures of the tour and of the meeting are below this article. Our Guest was Cara Martin who is our Regional I Representative of YEA, gave us a great update on new information on Young Engineers in ASHRAE. Our Chapter's YEA will be having an event on March 16, 2012 at the OnCenter/Syracuse Crunch Game. There will be a Pre Game Dinner before the game for \$25.00/pp and is open to all members and guest. Please see flyer in this newsletter.

February's meeting will be at the Double Tree Hotel. At this meeting, Peter Bailey, DEI Controls, will be speaking about Hybrid Refrigeration Systems and it will be Student Recognition Night (all students will be free). Please make your reservations with Richard Kimball our Hospitality/YEA Chair.

Our Membership Chair, Don Middleton, is working hard to promote and retain membership. Please remember to renew your membership and spread the word if you know anyone who is not a current member of ASHRAE.

Jim Hart, Student Activities Chair, is sending our applications to student branches for scholarships to 4 year students. Our Research and Promotion Chair, Mark Yonnick, is meeting his goals and retaining funds to be sent to the Society.

The Nominating Committee will be meeting in February to discuss potential members for the Board of Governors. If you are interest in being on the Board or if you know of someone that would be a representative please let me know and we will submit the name(s) for consideration.

Lastly, I am proud to announce that the CNY Chapter of ASHRAE will be the host of the 2015 CRC! Exciting news!! I am sure all of you will be excited to be a part of this event to make it a great event.

Thank you to all the members for your great work and your continuing support.

Respectfully,
Steve C. Sill
President

ASHRAE Monthly Meeting: February 8, 2012

Location: Doubletree Hotel Syracuse
6302 State Route 298, Carrier Parkway East, Syracuse, NY

Time: 5:30 – 6:00 p.m. Social Hour (cash bar)
6:00 – 6:30 p.m. Dinner
6:30 – 6:45 p.m. ASHRAE Business
6:45 – 8:00 p.m. Main

Cost: \$25.00 per person and a cash bar

Reservations: Rich Kimball 315.422.5200 or rkimball@bergmannpc.com

We have a new website address: <http://www.cnyashrae.org>,
this can be used to make reservations and chapter information.

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ASHRAE Tour in January



Center of Excellence



*Dinner at
Dinosaur BBQ*



Historically Speaking

Central New York ASHRAE Predecessor Groups

Back in the 1940s there were two Central New York engineering groups holding monthly membership meetings in the Syracuse area from October through May, with interests in the fields of Heating, Ventilation, Air Conditioning and Refrigeration. The senior group was the Section of the American Society of Refrigeration Engineers (ASRE) formed in 1941, largely through the efforts of Willis Carrier. The other group was a Chapter of the American Society of Heating and Ventilating Engineers (ASHVE), co-founded in 1944 by Carlyle Ashley, a senior research engineer at Carrier and Carl Woese from Robson & Woese consulting engineers. In 1955 the ASHVE Society changed its name to the American Society of Heating and Air Conditioning Engineers (ASHAE), due to the rapid growth of air conditioning in those days.

Each Central New York group of ASRE and ASHAE had about 140 members in the the 1950's, and were coming closer together in many of their technical and social activities. They jointly sponsored an annual clambake at Hinerwadel's in the spring, and also held a joint dinner-dance in the winter for their members. Many local engineers held memberships in both ASRE and ASHAE. Carlyle Ashley who co-founded the ASHVE Central New York chapter in 1944, was the President of the the ASRE Society in 1956.

Ultimately it became evident that there was enough overlap in the interests of the two Societies to warrant the formation of a single Society, embracing heating, ventilation, air conditioning and refrigeration. A merger of ASRE and ASHAE on a national and local basis took place in 1959, resulting in the formation of the present Central New York Chapter of ASHRAE. In the 1960's our Central New York Chapter had over 300 members. We don't have quite 300 members today, but we're holding our own in a busy 21st century environment.

Paul Britton, Chapter Historian

Student Activities

Due to the lack of applications for our four year scholarships, the BOG has extended the due date for these applications to February 28th . We are hoping the hustle and bustle of the holidays, midterms and winter break was the cause that no applications were submitted to our committee. Now that we are starting a New Year, the chapter is looking for a few young people interested in this free money that is available to them. If we receive any applications before the deadline, we will then award these scholarships at a later spring meeting(TBD). Please help us get the word out to our young people that we are always looking for new members to join and participate in the CNY Chapter and all of our activities. Our February meeting is student chapter night, it would be great to see our student chapters and their instructors join us for this special night at the Double Tree. We look forward to seeing everyone.

YEA - Young Engineers in ASHRAE is another way for our younger people to get involved, If you are out of school or know someone out of school and they are under 35 years of age and is interested in the CNY Chapter please contact Richard Kimball our CNY Yea Chair person. He can fill you in on all of the benefits that YEA members receive when they join. rkimball@BERGMANNPC.com

Jim Hart
Student Activities

YEA is Starting!

The Central New York Chapter is starting its very own Young Engineers in ASHRAE (YEA) organization. We will be distributing materials regarding YEA at our upcoming meeting on November 9th. Here are some answers to common questions about YEA:

*Who belongs to **YEA**?*

Anyone who is an ASHRAE member under the age of 35, including students. If you're under 35 and an ASHRAE member, congratulations! You are a YEA member.

What can YEA and the CNY Chapter do for me?

1. Free attendance at local ASHRAE events – the ASHRAE CNY chapter will cover the cost of your first chapter meeting
2. Technical Programs
3. Mentors
4. Leadership Opportunities
5. Networking
6. Fun

*Where are **YEA** meetings held?*

Locally, we're planning on combining YEA Meetings with Chapter Meetings. Eventually, we plan on scheduling more separate YEA events apart from the local chapter. Examples from other chapters include happy hours, mini-golf, plant tours, and educational seminars.

Nationally, there are two annual YEA leadership weekends (YLW). The most recent YLW was 9/30/2011-10/2/2011 in Atlanta. The next leadership weekend is scheduled for Spring 2011 in San Diego. YEA members also have the opportunity to shadow senior ASHRAE Officers at the semi-annual ASHRAE society meetings through ASHRAE "Leadership U".

*When are **YEA** meetings held?*

For now, YEA meetings will be local chapter meetings. Meetings are held on the 2nd Wednesday of every month at the Double Tree at Carrier Circle. The next meeting is scheduled for Wednesday, November 9.

*Why bother participating in **YEA**?*

YEA is a great way to advance your career and meet other young engineers. The society won't be successful without your involvement. Participation in ASHRAE provides a spectacular opportunity to build your career in HVAC/R. Consider these benefits of participation in ASHRAE:

- Technology Acquisition
- Professional Growth
- Networking
- Career Advancement

For more information about YEA, contact Richard Kimball at:
rkimball@bergmannpc.com or
by phone at 315-422-5200 x765.

February Program

Dinner Meeting

Wednesday, February 8, 2012

STUDENT CHAPTER NIGHT

Peter Bailey (DEI Controls)

Hybrid Refrigeration Systems

Location: Doubletree Hotel Syracuse

6302 State Route 298, Carrier Parkway East, Syracuse, NY 12205

Times: 5:30 – 6:00 p.m. Social Hour (cash bar)

6:00 – 6:30 p.m. Dinner

6:30 – 6:45 p.m. ASHRAE Business

6:45 – 8:00 p.m. Main

Peter Bailey (DEI Controls) will describe how to apply a Hybrid Refrigeration System (HRS) to air cooled chillers which can operate without compressors and how to retrofit a refrigeration circuit using refrigerant pumps to achieve optimal energy savings.

We strongly encourage you to pay in advance with a credit card through the Chapter web site (<http://centralnewyork.ashraechapters.org/>) using PayPal. A PayPal account is not required. If you prefer you may still pay at the door with cash or check.

Upcoming Programs

Be sure to mark your calendars for these upcoming events!

Interesting tours, informative lectures, and networking opportunities.

Dinner Meeting

Wednesday, March 14, 2012

History Night & Chapter Officer Slate Announcement

Jerry Groff (ASHRAE Historical Committee)

Topic - TBA

Location: Doubletree Hotel Syracuse

6302 State Rte. 298, Carrier Pkwy East, Syracuse, NY 12205

Times: 5:30 – 6:00 p.m. Social Hour (cash bar)

6:00 – 6:30 p.m. Dinner

6:30 – 6:45 p.m. ASHRAE Business

6:45 – 8:00 p.m. Main Program

Dinner Meeting

Wednesday, April 11, 2012

Research Promotion Night & Chapter Officer Election

Thomas M. Lawrence, Ph.D., P.E., LEED® AP (ASHRAE

Distinguished Lecturer)

"The New ASHRAE Standard 189.1-2009 for

High Performance Green Buildings"

Location: Doubletree Hotel Syracuse

6302 State Rte. 298, Carrier Pkwy East, Syracuse, NY 12205

Times: 5:30 – 6:00 p.m. Social Hour (cash bar)

6:00 – 6:30 p.m. Dinner

6:30 – 6:45 p.m. ASHRAE Business

6:45 – 8:00 p.m. Main Program

Dinner Meeting

Wednesday, May 9, 2012

Chapter Officer Installation

TOUR of the Syracuse University Building Energy and Environmental Systems Laboratory

Tour Location: Syracuse University – BEESL Lab

263 Link Hall (Room 320), Syracuse, NY 13244

Location: Dinosaur Barbeque (Willow Room)

246 W Willow Street, Syracuse, NY 13202

Times: 5:30 – 6:30 p.m. Tour

6:45 – 7:45 p.m. Dinner

6:45 – 7:00 p.m. ASHRAE Business

NEW YORK STATE GREEN BUILDING CONFERENCE

10TH ANNUAL | 2012

A CALL FOR ABSTRACTS

Abstract Submission for Oral Presentations

The New York State Green Building Conference Abstract Selection Committee is currently seeking presentation proposals for the two day 10th Annual New York State Green Building Conference.

Presentations for the 2012 conference should fit into a 50 minute time slot with time for Q&A, and be applicable to one of the following four conference tracks:

- Green Building for Commercial Construction
- Green Building for Residential Construction
- Green Building Chemistry
- Deconstruction

Within these tracks is the potential for a variety of topics. Submissions could include topics such as energy retrofits, O&M, energy management, LEED, building ventilation, energy efficiency, building science, green materials, renewable energy, case studies, construction management for green buildings, or the costs of green building.

To see topics from last year's conference, please visit www.esf.edu/greenbuilding/2011/agenda.htm

New and innovative topics that meet the intent and purpose of this conference are highly encouraged.



State University of New York
College of Environmental Science and Forestry



New York Upstate
Chapter

March 29-30, 2012

**Oncenter Complex
Syracuse, NY**

www.nysgreenbuilding.org

**Presentation abstracts should be submitted
by October 21, 2011 to
abstractsubmission@nysgreenbuilding.org**

The schedule for selection of abstracts is as follows:

- Abstract submission deadline: **October 21, 2011**
- Notification of selected abstracts: **November 11, 2011**
- Signed presenter acceptance letters due to ESF Outreach: **December 16, 2011**
- Semi-final draft copy of presentations due to be reviewed for continuing education credits: **February 10, 2012**
- 10th Annual New York State Green Building Conference: **March 29-30, 2012**

If you have any questions about the conference, please contact Ms. Emily Gillis at elgillis@esf.edu or (315) 470-6817.

We look forward to seeing you in 2012!



Join ASHRAE

www.ashrae.org/join

- Network with industry leaders
- Receive continuing education credits – PDHs and CEUs
- Gain access to technological advancements in building systems
- Receive member benefits like the ASHRAE Journal & Handbooks



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The CNY Chapter accepts business card advertising in this monthly newsletter. Send us your business card (or text for a line card) and we'll scan it in. For \$50 your card will run in the newsletter for the year (through our May newsletter). Send your ad and payment to: ASHRAE Newsletter, Advertising, P.O. Box 2396, Syracuse, NY 13220. If you have a digital card (or questions), email it to the Treasurer: c010tr@ashrae.net.

Employment Opportunity

Bergmann Associates is a progressive, forward-thinking engineering and architectural design firm with three decades of success providing multi-disciplinary services to clients throughout the United States. Headquartered in Rochester, NY, Bergmann has ten U.S. offices and 330 professional and technical staff featuring talented planners, architects, interior designers, landscape architects, programmers, developers, structural, civil, environmental, mechanical, electrical, and industrial engineers. Bergmann Associates – Our People and Our Passion in Every Project.

Purpose of Position

The Senior Mechanical (Senior HVAC, Plumbing & Fire Protection Engineer) performs work and advises other professionals in areas of considerable scope and complexity.

Essential Duties

The following duties are typical of the position, but are not all encompassing.

Makes decisions independently regarding engineering complexities and methods

Requires use of advanced techniques and modification and extension of theories, precepts and practices

Performs complex assignments requiring development of new and/or improved techniques and procedures

Assists in the education and development of design staff and act as resource for design questions

Provides supervision and guidance related to overall objectives, technical issues, new concepts and quality matters

May deliver technical papers and presentations

May act as Quality Coordinator for discipline led projects

May contribute to the update of and/or creation of Standards of Practice

May contribute to the completion of goal setting, goal review and professional development plans for discipline staff

May serve on committees for establishment of policies, standards, procedures and research at local, state or national level

Knowledge, Characteristics and Experience Desired

Bachelors of Science in Mechanical Engineering

Advanced degree in area of technical expertise

Minimum 5-7 years of mechanical engineering experience

Registered as a Professional Engineer in applicable states

Is a recognized leader and authority in engineering community in broad area or specialization or intensely specialized field

Skills

Able to handle complex pipe and ductwork systems

Layout complex control systems

Design complex plumbing and fire protection systems

Write specifications

Perform load calculations and energy simulations

Revit experience preferred

Familiar with NYS and IBC Codes

Write Technical reports

Prepare Construction Cost Estimates

Location: This position can be based in any of our office locations.

For consideration please apply online at <http://www.bergmannpc.com>. Only qualified candidates will be contacted.

Bergmann Associates is an EEO Employer.

Employment Opportunity

R.F. PECK CO., INC
889 ATLANTIC AVE
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Phone: (585) 697-0836 Fax: (585) 697-0839

Engineered Products Salesman

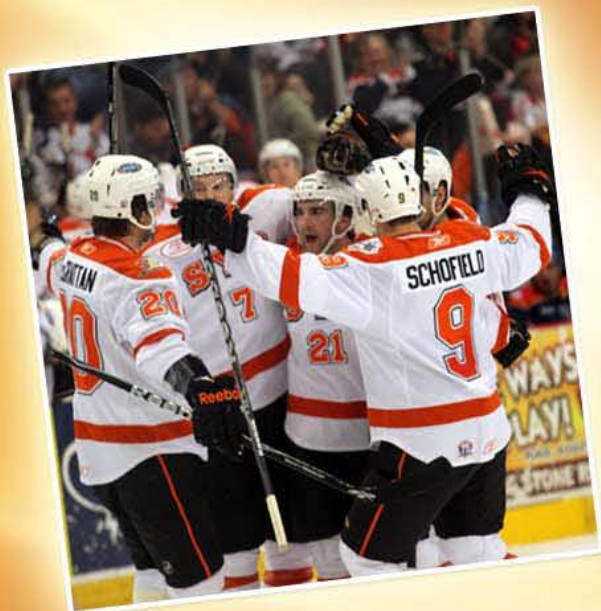
The R.F.Peck Company is a commercial HVAC manufacturer's representative firm serving Upstate New York, Vermont and Western Massachusetts for over fifty years. We are looking for an energetic, self-starting, Engineered Products Salesman for the Greater Syracuse Area. A mechanical engineering degree is preferred but not required.

Email resume to jbrowe@rfpeck.com.



CNY ASHRAE YEA

Night with the Syracuse Crunch



**Friday,
March 16**

vs. Rochester Americans
War Memorial at Oncenter
7:30 p.m.



vs.



Ticket Price (Includes pre-game meal by the Oncenter)
FREE- ASHRAE YEA Members (35 and under)
\$25- All Others
(Including ASHRAE Members, Spouses, Guests of YEA Members)

To Reserve Your Tickets:
Contact Richard Kimball at
rkimball@bergmannpc.com
or (315)422-5200 x 765



Syracuse Crunch Hockey Club...Proud AHL Affiliate of the Anaheim Ducks