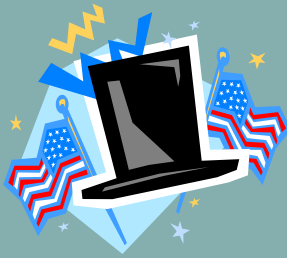


ASHRAE Rochester



VOLUME 3, ISSUE 6

JANUARY 26, 2009



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February ASHRAE Meeting Monday, February 9, 2009

Location: The Wishing Well Party House
1190 Chili Avenue, Rochester

Time: 5:30 PM Tech Session
6:00 PM Dinner
Main Program to Follow

Cost: \$25.00

Presenter: Mick Schwedler, PE, Trane

Topic:

Using the updated ASHRAE Standard 90.1

The Rochester Chapter of ASHRAE would like you to join us at The Wishing Well Party House on Chili Avenue for a dinner meeting Monday February 9, 2009. Mr. Mick Schwedler, PE will be discussing HVAC compliance with ASHRAE Standard 90.1, *Energy Standard for Buildings Except Low-Rise Residential Buildings*. Mr. Schwedler is the Manager of Applications Engineering from the Trane Company. He is a recipient of ASHRAE's Distinguished Service Award and is Chair of SSPC 90.1, responsible for ASHRAE/IESNA 90.1. He is past Chair of TC 1.5 "Computer Applications" and has served on ASHRAE's Personal Development Committee and Code Interaction Subcommittee. In addition to that, he has authored portions of the ASHRAE Green Building Guide, and has served on technical advisory groups for both the New Buildings Institute and the US Green Building Council's LEED products.

Please plan on joining us beginning at 5:00 with dinner served at 6:00. The cost is \$25.00.

Please RSVP by noon Friday, February 6th to Rob Wind, Phone: 585-341-3172 or rwind@ibceng.com



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ASHRAE 2008/2009 MEETING SCHEDULE

DATE	EVENT	LOCATION	SCHEDULE
2/6/2009	Valentine's Dinner Dance	Hyatt Downtown	7:00 PM Reception 8:00 PM Dinner
2/9/2009 Membership Night	Using the updated ASHRAE Standard 90.1 Mick Schwedler, Trane	Wishing Well Party House	5:30 PM Tech Session Dinner 7:00 PM Main Speaker
3/9/2009 Resource Promotion	Sustainable Design and the use of Standard 189 Thomas Lawrence, PhD, PE, LEED AP—ASHRAE DL Tech Session—Applications for custom air handlers	Mario's	12:00-2:00 PM Lunch
4/13/2009	Refrigeration Tour—(tentative) High Falls Brewery	High Falls Brewery	5:30 Dinner 7:00 Tour
4/22/2009	ASHRAE Satellite Broadcast Indoor Air Quality	Bathtub Billy's	11:30 Lunch 12:00-2:00 Broadcast
5/19/2009	Annual ASHRAE Golf Outing and Picnic	Ravenwood Golf Club	8:00 AM Golf 2:00 PM Picnic 6:45 PM Dinner



Mission Statement

ASHRAE will 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.



“Advancing HVAC&R to serve humanity and promote a sustainable world”

Vision Statement

- will be the global leader in the arts and sciences of heating, ventilation, air conditioning and refrigeration.

- will be the foremost, authoritative, timely and responsive source of technical and educational information, standards and guidelines.

- will be the primary provider of opportunity for professional growth, recognizing and adapting to changing demographics, and embracing diversity.

President's Message by: Joseph Van Cura



Greetings once again to all members and friends of ASHRAE.

Our January meeting was very well attended with 76 people joining us at Mario's, on Monroe Avenue for lunch and a very well received commissioning panel discussion.

The commissioning presentation was delivered by Al Rogers with Pathfinder Engineers, Steve Beck with Le Chase Construction, Jeff Close with Pres Engineering and Ron Sanger with Air Systems and Balance.

Commissioning, as was explained, can be applied to different projects. These projects vary from new construction to existing building and almost everything in between.

In keeping with ASHRAE and sustainability the focus on commissioning is to provide the owner with not only a more efficient building, but one that documents performance to the level of design that a customer/owner has paid for.

The emphasis on a team approach, starting as early in the project as possible, with the owner, engineer, general contractor, sub contractors and commissioning group was stressed.

With technology advancing rapidly, system design is both benefited as well as plagued.

The benefit comes when all works as designed, the plague occurs when technology breaks down and brings systems to a halt.

Commissioning confirms that these systems are operating per the guidelines of the design. Thus providing the owner with what he paid for

ASHRAE is seeing more owners looking to a neutral third party or commissioning team to hold the chosen construction parties/ engineering firms/ manufacturers, accountable for the design and performance of the project.

This does not go without a cost however, but as the old saying goes, pay me now or pay me later applies. The cost of correcting things while under construction is always less expensive than coming back after the fact.

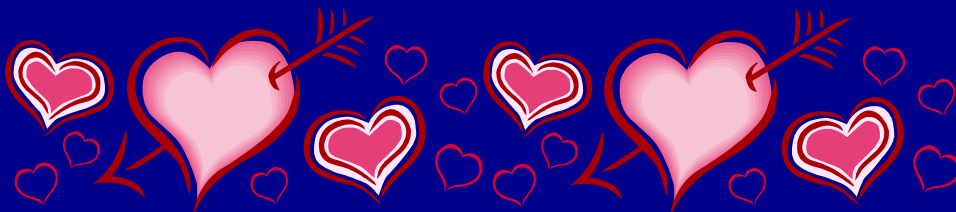
The ASHRAE Board would like to thank Al, Steve, Jeff, and Ron for a very informative session, and we look forward to expanding on this topic in future meetings.

In closing we hope to see as many members as possible at the Valentines Dance being held downtown this year at the Hyatt. Please see the advertisement included in the News Letter.

I would also like to again thank the Board of Directors for all their hard work and dedication. Without them, these informative meetings would not be possible.

If anyone has an interest in getting involved with our local ASHRAE board, or has an interesting topic that they might wish to share, please feel free to contact me at jvc@rpfedder.com

Joseph Van Cura, 2008-2009 President



ASHRAE
Researching Today
to Change Tomorrow

Research Promotion

Happy New Year! When looking over you tax donation slips for 2008 and planning your budget for 2009 please consider ASHRAE Research. Since 1919, the American Society of Heating, Refrigerating and Air-conditioning Engineers has supported research to improve quality of life. ASHRAE Research impacts the industry by advancing the way HVAC&R systems work and the way in which

they are applied. These projects benefit each of us in many ways. For example, results from the research program help shape and revise the ASHRAE Handbook, ASHRAE standards, and develop new design guides, used by professionals like us. We are already making strides to hitting our 2008-09 research campaign goals for the Rochester Chapter and hope I can count on the support

of all of our past contributors and new contributors to generously support ASHRAE Research this year.

If any one is interested in donating, but doesn't know where to begin, please contact me.

Jeffrey Close - *Research Promotion Chair*
jeff.close@pres-services.com

A special thanks to this years current contributors:

Rochester ASHRAE Chapter	Silver - Major Donor	Mr Casey G Bernhard	Honor Roll Donor
RP Fedder Corporation	Bronze - Major Donor	Mr Jeffrey C Ellis	Honor Roll Donor
Slater Equipment Company Incorporated	Major Donor	Mr Richard P Barrett	Honor Roll Donor
H M Cross & Sons Incorporated	Honor Roll Donor	Mr Jeffrey S Close	Honor Roll Donor
Guckian Energy Systems LLC	Honor Roll Donor	Mr Ronald C Mead	Honor Roll Donor
Mr Jeffrey M Davis	Honor Roll Donor	Ms Michelle Sommerman	Honor Roll Donor
Mr Lee M Loomis	Honor Roll Donor	Mr Charles G White	Individual Donor
Mr Joseph R Van Cura	Honor Roll Donor	Mr Aldo F Fioravanti	Individual Donor
Mr James C Browe	Honor Roll Donor	Johnson Equipment Company	Individual Donor
Mr Thomas E Piekunka	Honor Roll Donor	Mr Robert A Walton	Individual Donor

Jeffrey Close, 2008-2009 Research Promotion Chair

Student Activities



Student Activities

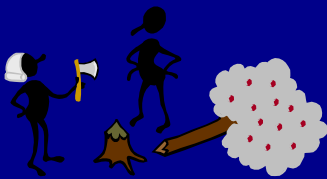
The new duct lab at RIT is under construction. Ductwork, the fan and the VFD are on site. Many thanks go to Crosby-Brownlie for the sheet metal, R.F Peck for the utility fan set and T.H. Herman for the speed drive.

The group has a need for the following items:

- 6- 10" x 10" control dampers with manual quadrants
- 8" diameter diffuser, 10" diameter diffuser, 8" x 8" grille and 2- 10" x 10" grilles

The students can use "old" Fundamentals volumes. We have plenty of the others, but always seem to be out of the "green one". If you have any available please let Al Rodgers know.

Al Rodgers, 2008-2009 Student Activities Chair



Nominating Committee

This year's nominating committee consists of Kevin Gottermeier as chairman, and committee members Barb Herl, Mark Kukla, Steve Maybeck and Casey Bernhard. This was voted on and accepted at the January meeting in compliance with the by-laws of our chapter.

This committee will meet by February 5th to formulate the list of candidates for Officer and Board of Governor positions for next year.



Attention Members:

Just a reminder that all members that reserve a spot for the monthly meeting will be responsible for that reserved space. Members have until 12:00 pm the day of the RSVP deadline to cancel their meeting reservation. Failure to comply with this rule will result in the attendee being responsible for the payment of that reservation.

ASHRAE Rochester Chapter Officers



Announcing 2009 ASHRAE Buyer's Guide

Please take the opportunity to promote your company's products and services in the 2009 ASHRAE Buyer's Guide.

This valuable guidebook is distributed to each Rochester Chapter ASHRAE member and is one of the best resources of HVAC product and service listings in this region.

You can make your ASHRAE Buyer's Guide submission by emailing a black & white 5 ½" x 8 ½" or 8 ½" x 11" page as you would like your ad to appear.

Ad Format options for submission include:

- **Best:** pdf print file
- **Good:** word file
- **Least:** other

The cost will remain the same as last year at \$125.00. It is our intent to release the Buyer's Guide by February 2009 so the deadline to receive your ad is January 30, 2009.

Email your ad to: cwengineering@rpa.net.

Please send your \$125.00 check payable to ASHRAE Rochester Chapter to:

Charles White
128 Hogan Road
Fairport, NY 14450

If you have any questions, please call me at (585) 223-2462.

Thank you for your support.
Charles White,
Chairman, ASHRAE Rochester Buyer's Guide Committee.

ASHRAE's
52nd Annual Valentine's Dinner Dance

We're taking it Downtown...
to
The Hyatt Regency
125 Main Street
Rochester, NY 14604

Date: Friday, February 6, 2009
7:00 pm Reception - Hors d'oeuvres
8:00 pm Dinner - as you selected
9:15 Dessert and Coffee

Menu Selections:

- Filet Mignon served with Demi Glace, Mushroom Compote and Pommes Dauphine
- Herb Crusted Chicken Breast with Mushroom Polenta
- Seared Fresh Halibut on Roasted Asparagus with Saffron Cream and Petite Potatoes
- Vegetarian Delight of your Choice

For your convenience we have arranged for valet parking.

For reservations, please mail or fax the below registration form. Please make checks payable to: **Rochester Chapter ASHRAE**, and mail to: ABR Wholesalers, Inc., Attn: Jody Monaco-McGarry, 510 North Goodman Street, Rochester, NY 14609, Phone: (585) 482-3601, Fax: (585) 482-6698



Please circle one Meal Selection:

1. Name: _____ Beef - Chicken - Fish - Vegetarian
2. Name: _____ Beef - Chicken - Fish - Vegetarian

Number of people ____ x \$50.00 per person = \$ _____ (enclosed)



Your technical training provider presents

Air Conditioning Fundamentals 2009

Target Audience: Any engineer, designer, technician, or assistant who wants to broaden their base in the fundamentals, will greatly benefit from this training.

Primary Benefit: Students will enjoy learning as much practical knowledge as possible about Air Conditioning Fundamentals. Students won't waste a great deal of time in theory. The typical student can immediately apply what he/she learns. Past attendees have boosted their overall confidence and found many ways to apply their recently acquired knowledge.

2009 Course Offering (Rochester, NY): (This class is 3-days; Tuesday – Thursday)

1. [] Feb 10-12 'Refrigeration Fundamentals' (Refrig Basics, Refrig Piping, Refrig & Our Environment)
2. [] Mar 10-12 'Energy Efficient Design Fundamentals' (Chilled Wtr, DX, VAV, Dehumidification)
3. [] Apr 14-16 'Product Fundamentals- I' (a brief 1-2 hour summary of the top 12-15 products in HVAC)
4. [] May 12-14 'Product Fundamentals- II' (more in-depth look at AHU, WSHP, RTU, Compressor Technologies)
5. [] Jun 9-11 'Airside Fundamentals- I' (Load Design and Psychrometrics)
6. [] Jul 14-16 'Airside Fundamentals- II' (Duct Design, Fans & Fan Laws, Acoustics and IAQ)
7. [] Aug 11-13 'Systems Fundamentals' (HVAC Systems, Ice Storage, Heat Recovery, etc...)

Note: For more information about each of these classes, log onto BeckerLearning.com

Registration Deadline: Each course will be filled on a first-come-first-reserved basis.

Payment Deadline: Complete Payment must be received prior to the start of the class.

Contact: Joe Becker, Becker Learning / 5980 Sheppard Road / Dansville, NY 14437
Phone: (585) 317-0000 Email: BeckerLearning@yahoo.com



More Details for 3- day courses:

Where: The specific Henrietta, NY location will be decided at least 30-days before the class & all attendees will be emailed all appropriate information in time to make hotel reservations.

Food: Lunch, mid-morning and mid-afternoon snacks & drinks are provided.

What is not included: Transportation, other meals & lodging.

Travel: Arrival: Since the seminar starts at 8:00 a.m., plan to arrive the night before.

Departure: You can book flights out of Rochester International Airport after 5:15 p.m. on Thursday since our Henrietta, NY location is less than 10-minutes from the airport.

Registration: Please fill out this form for each person attending, and mail along with a **Check** or **Purchase Order** (made out to 'Becker Learning') to:
Becker Learning / 5980 Sheppard Road / Dansville, NY 14437

2009 Courses: 1. Refrigeration 2. Energy Eff. Design 3. Product-I 4. Product-II

(check all that apply) 5. Airside-I 6. Airside-II 7. Systems Fundamentals

Name: _____ Title: _____

Company: _____

Address: _____

Phone: ()

Email: _____

# of Courses	\$/course	Total Cost \$	Check # or PO #
	\$1,000		

Authorizing Person

Printed Name	Signature	Date

***If a PO is given, full payment must be received prior to the first day of class.

Cancellation Policy:

If someone cancels 60-days prior to the start of the class => no cancellation charge.

If someone cancels 30-60 days prior to the start of class => 50% cancellation charge

If someone cancels less than 2-weeks before the start of class, or simply doesn't show up => charged the full amount

Teaching Methodology:

Similar to the way Joe taught nine classes in the Graduate Training Program of The Trane Company, students will learn a concept and then immediately apply this new knowledge with an application problem. Quiz/testing will also be used to measure the overall effectiveness of the teaching. In this way, the program receives continual improvement through direct feedback.

About the Instructor:

Joe Becker is a graduate of the University of Wisconsin-Madison with degrees in Naval Science and Industrial Engineering (1979). He is also a Graduate from the U.S. Naval Nuclear Power School at Mare Island, California (1975). Joe is a registered Professional Engineer.

After nine years in the Navy, Joe resigned his Commission in the Civil Engineer Corps. Since graduating from GTP's class of 83-II, he worked as a Systems Engineer in C.D.S., Marketing Engineer in the Variable Air Volume Product Group, Manager of Technical Training in GTP, Sales Engineer, Sales Manager in Rochester/Syracuse & I SL for NE Territory.

Joe currently works part-time for Trane's NE Territory and provides technical training through Becker Learning.

Governmental Affairs Update

Welcome to ASHRAE's Government Affairs Update. Along with the redeveloped Government Affairs webpage, these periodic e-mail updates feature information on government affairs related activities of interest to ASHRAE members and others interested in the built environment. Archives of previous updates are available from the government affairs webpage (<http://www.ashrae.org/advocacy>).

Please pass this information on to interested colleagues who also may subscribe from the ASHRAE Government Affairs webpage. Should you wish to unsubscribe, information appears at the end of this e-mail.

If you have any recommendations regarding content, or have questions about or would like to participate in Washington Office activities, please contact ASHRAE Government Affairs staff at (202) 833-1830 or washdc@ashrae.org.

ASHRAE Government Affairs Update, 1/23/09

- [California Approves New Emissions Reduction Plan](#)
- [EIA: Energy Prices to Stay Low Through 2009, but Rise in 2010](#)
- [California to Hold Public Workshop on Refrigerant Emissions](#)
- [Northeast Greenhouse Gas Allowance Auction Raises \\$106.5 Million](#)
- [2008 Among the Ten Warmest Years on Record](#)
- [NY Governor: Boost Renewable Energy and Energy Efficiency Goal](#)
- [CDC Proposes Survey on Green Housing, IAQ and Health](#)



[California Approves New Emissions Reduction Plan](#)

The California Air Resources Board (CARB) has voted unanimously to adopt the nation's most comprehensive global warming plan. The new plan outlines ways that individuals and businesses will meet the goals of the state's landmark 2006 climate change law, and recognizes that a balanced mix of strategies is the best way to cut emissions and grow a clean economy. The central component of the plan is a cap-and-trade program covering 85 percent of the state's emissions, which will be developed in conjunction with the Western Climate Initiative.

Additional key recommendations of the plan include strategies to enhance and expand proven cost-saving energy efficiency programs; implementation of California's clean cars standards; increases in the amount of clean and renewable energy used to power the state; and implementation of a low-carbon fuel standard that will make the fuels used in the state cleaner.

The plan proposes full deployment of the California Solar Initiative, high-speed rail, water-related energy efficiency measures and a range of regulations to reduce emissions from trucks and from ships docked in California ports. There are also measures designed to safely reduce or recover a range of very potent greenhouse gases - refrigerants and other industrial gases - that contribute to global warming at a level many times greater than carbon dioxide.

Read the CARB press release (<http://www.arb.ca.gov/newsrel/nr121108.htm>).

[EIA: Energy Prices to Stay Low Through 2009, but Rise in 2010](#)

A slow economy is bad in many, many ways, but it definitely has its advantages when it comes to energy prices. After suffering record-high gasoline and diesel fuel prices in the summer of 2008, motor fuel prices have fallen by 50% or more, reaching \$1.69 per gallon for regular gasoline and \$2.45 per gallon for diesel fuel in December 2008. According to the latest projections from DOE's Energy Information Administration (EIA), the slump in fuel prices is expected to continue through 2009, causing the annual average prices for gasoline and diesel fuel to average only \$1.87 and \$2.27 per gallon, respectively. Natural gas spot prices are also expected to drop from the 2008 average of \$9.13 per thousand cubic feet to only \$5.78 per thousand cubic feet in 2009. That's partly because oil prices will also be depressed, averaging \$43.25 in 2009.

The EIA projection is based on a 2% decline in U.S. gross domestic product in 2009, followed by a 2% increase in 2010 as the economy recovers. The expected recovery in 2010 will drive oil prices back up to an average of \$54.50 per barrel. That increase, in turn, will cause natural gas prices to average \$6.63 per thousand cubic feet in 2010, while average retail prices for gasoline and diesel fuel will rise to \$2.18 and \$2.54 per gallon, respectively. See the EIA's "Short-Term Energy Outlook" (<http://www.eia.doe.gov/emeu/steo/pub/contents.html>).

[California to Hold Public Workshop on Refrigerant Emissions](#)

The California Air Resources Board (ARB) staff invites participants to the second statewide public workshop to discuss proposed regulation for reducing high-global warming potential (GWP) refrigerant emissions from stationary refrigeration and air-conditioning equipment through leak repair, reporting, improved refrigerant recovery rates, and other approaches.

(continued on page 11)

Governmental Affairs Update (continued)

This control measure is being developed as an early action measure pursuant to the California Global Warming Solutions Act of 2006 (AB 32).

At the workshop, ARB staff will present an overview of the sector, efforts to date, the draft preliminary results of emissions inventory, cost analysis, and the draft regulatory language. Workshops will be held February 3, 5, and 10. Please visit <http://www.arb.ca.gov/cc/reftrack/reftrack.htm> for additional information.

Northeast Greenhouse Gas Allowance Auction Raises \$106.5 Million

The second auction of allowances for greenhouse gas emissions held by the Regional Greenhouse Gas Initiative (RGGI) was a robust auction that yielded \$106.5 million for use by the 10 RGGI states, according to Potomac Economics, an independent market monitor. The auction was held on December 17, and while some feared that the economic situation would depress the prices for the emission allowances, in reality the prices went up, selling at a clearing price of \$3.38 per allowance. That's about 10% higher than the clearing price of \$3.07 per allowance that was reached in the first auction, which was held in late September 2008. RGGI is the first market-based, mandatory cap-and-trade program for greenhouse gas emissions in the United States. Ten northeastern and mid-Atlantic states are participating in the program, including Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Rhode Island, and Vermont. See the RGGI press release (<http://www.rggi.org/docs/Auction%202%20Post%20Settlement%20Auction%20Report.pdf>) and Web site (<http://www.rggi.org/home>).

2008 Among the Ten Warmest Years on Record

Calendar year 2008 was somewhere in the range from the seventh to the tenth warmest year on record, according to the Goddard Institute of Space Studies (GISS). The GISS actually finds 2008 to be the ninth warmest year, but it also notes that several close years fall within the range of scientific uncertainty, which is why it's difficult to say exactly where 2008 falls in the rankings. The range defined by GISS is convenient, because it embraces the different rankings found by the National Climatic Data Center (NCDC), which says 2008 tied with 2001 as the eighth warmest year on record, and the United Kingdom's Met Office, which found 2008 to be the tenth warmest year on record. The climate monitoring groups do agree on one fact, however: the ten warmest years on record have all occurred since 1997. They also agree that a La Niña contributed to cooler global temperatures in 2008, relative to the previous several years. See the global temperature analyses from the GISS (<http://data.giss.nasa.gov/gistemp/2008/>), the NCDC (<http://www.ncdc.noaa.gov/oa/climate/research/2008/ann/global.html>), and the Met Office (<http://www.metoffice.gov.uk/corporate/pressoffice/2008/pr20081216.html>).

NY Governor: Boost Renewable Energy and Energy Efficiency Goal

In his first State of the State address on January 7, New York Governor David Paterson called for a clean energy plan that requires 45 percent of New York State's electricity needs be met through improved energy efficiency and greater use of renewable energy by 2015. The state's current renewable portfolio standard is 25 percent by 2013. The "45 by 15" standard, he said, will also create 50,000 new jobs for the state's displaced and unemployed workers and establish a workforce for a clean energy economy.

The new goal would dovetail with the state's efforts to reduce emissions. New York is a charter member of the Regional Greenhouse Gas Initiative (<http://www.rggi.org/home>) and is participating in the nation's first carbon cap-and-trade effort.

For more information, see the governor's January 7 press release (http://www.ny.gov/governor/press/press_0107091.html).

CDC Proposes Survey on Green Housing, IAQ and Health

The Centers for Disease Control and Prevention (CDC) is proposing the establishment of a new study--The Green Housing Study. Green building principles and practices have been shown to reduce energy consumption, but their efficacy in reducing environmental agents such as pesticides, volatile organic compounds (VOCs), fungi, and indoor allergens is not clear. Furthermore, little research has been conducted on health impacts that might be related to green buildings, especially on a nationwide scale. Three main goals of this study are: (1) To compare levels of certain environmental chemical and biological agents in green vs. traditional, multifamily, low-income housing; (2) to ascertain differences in the health of the residents in these homes; and (3) to assess the economic impacts of the "greening" of housing-particularly those related to health.

The CDC is currently soliciting comments on the necessity of the study, ways to enhance its utility, and ways to minimize the burden on respondents. For more information see the Federal Register notice (74 FR 3048) at <http://www.gpoaccess.gov/fr/>.



Job Postings & Help Wanted



This section of the newsletter is reserved for those firms wishing to advertise their desires to hire from the Chapters Membership.

If you are interested in utilizing this FREE service provided by the Rochester Chapter, please contact our Newsletter Editor, Christina Wal-

ter (585.486.2148) or by email cmwalter@trane.com

This service is available to any firm in our industry looking for knowledgeable persons in the HVAC&R industry.



2008-2009 Presidential Award of Excellence Summary

Chapter #	Chapter Name	Chapter Members / Students	Member Promotion	Student Activities	Research Promotion	Chapter Technology Transfer	History	Chapter Operations	Chapter PAOE Totals
11	Rochester	240 /26	0	0	400	0	100	60	560



Society News: New Standard 189 Committee to Hold First Meeting in Chicago at ASHRAE Winter

ATLANTA – The newly expanded committee tasked with writing the nation's first standard on high-performing green buildings has begun work again. The committee for proposed Standard 189.1, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings, will hold its first meeting at ASHRAE's 2009 Winter Conference in Chicago on Tuesday, Jan. 27 at 8 a.m.

"The committee for Standard 189.1 is stronger than ever," says Kent Peterson, chair of the Standard 189.1 committee and ASHRAE Presidential Member. "The new committee roster brings a wide spectrum of green building expertise to bear on the standard's content in keeping with ASHRAE's commitment to excellence in consensus standards development. ASHRAE and its partners look forward to working with the new committee to develop guidance that will minimize a building's impact on the environment."

The committee has been expanded to 34 voting members after

a recent call for members to broaden the variety of industries, designers and code officials participating.

Proposed Standard 189 is being developed by the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) in conjunction with the Illuminating Engineering Society of North America (IESNA) and the U.S. Green Building Council (USGBC). This is the first such code-intended green building standard in the United States.

Meant to provide minimum criteria for green building practices, the standard is applicable to new commercial buildings and major renovation projects. When completed, it will address energy efficiency, a building's impact on the atmosphere, sustainable sites, water use efficiency, materials and resources, and indoor environmental quality, among other high-performance green building issues.

"It is important to that we develop a strong green building standard that has the most impact in improving sustainability affecting a wide variety of building sectors," said ASHRAE President Bill Harrison. "We are confident that the new standard will re-

duce a building's impact on the environment."

"In a move that is critical in today's economy, Standard 189 will bring green building practices to the mainstream," said Brendan Owens, Vice President of LEED Technical Development, U.S. Green Building Council. "The key to a prosperous future is sustainability, and the triple bottom line – environmental responsibility, economic prosperity and social equity – is imperative as we move forward."

"The expertise demonstrated in the make-up of the newly constituted committee will provide the necessary content knowledge to insure the development of a valuable standard," says Rita Harold, director of technology for IESNA.

The proposed standard has generated substantial public interest, with more than 900 comments received during each of two previous public reviews. It is anticipated that the standard will undergo a new full public review in the near future as technical guidance and input is offered by new committee members.

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From the Editor's Desk

The ASHRAE Chapter Bulletin should reflect the opinions, activities and needs of it's 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 addressed to Christina Walter, Trane, 75 Town Centre Drive, Rochester, NY 14623 or email to cmwalter@trane.com

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