



JUNE 23. 2008

INSIDE THIS ISSUE:

Officer / Committee List	2		
Picnic Sponsors	3		
CRC Information	4, 5		
Air Conditioning Fundamentals	6,7		
Governmental Affairs Update	8-10		
Job Postings PAOE Summary	11		
Society News	12		



President's Message by Casey Bernhard:

This will be my last president's message as I will be handing the torch to your next president, Joe Van Cura, who takes over July 1st. I am proud to have served as the Rochester ASHRAE chapter president and I am equally proud of the year that our officers and chairmen completed. In the past year we have achieved an almost 50% increase in meeting attendance over the previous year. We had the sitting society president speak at a chapter meeting, almost half of the chapter meetings offered continuing education credits, and the quality of our programs is consistently improving. These results are directly related to the hard work and quality of our volunteer chapter officers and chairmen.

Every year an ASHRAE representative from our region (Region 1 – northeast states) visits the chapter to sit in on a board of governors meeting and chapter meeting. The specific comment that this representative made was how impressed he was with the number and quality of officers and chairmen that were actively involved. We are very lucky in Rochester to have such a great group of people that care about this organization. Other chapters are not nearly as lucky. There are chapters that have only a handful of people trying to handle all the tasks of running a chapter and others where members have to drive an hour or more to get to a meeting. It is important that all who are involved in our industry recognize that it is our volunteers that keep our chapter alive and strong. So please join me in thanking this past years group of volunteers that have sacrificed their time to provide services to our membership:

Joe Van Cura - President Elect Jeff Davis - Vice President Jim Browe - Secretary Jeff Ellis – Treasurer Kevin Gottermeier – Past President Barb Herl – Nominating Chairman Carlos Dachary - CTTC Chairman Gavin Brownlie - Board of Governor Ed Burns – Board of Governor Trisha Jackson – Board of Governor Rob Wind - Research Chairman Phil Masters - Attendance Chairman Lee Loomis – Historian Michelle Sommerman – Membership Chair Christina Walter – Newsletter Chairman Mike Nohle - Refrigeration Chairman Al Rodgers – Student / Awards Chair Joe Pennise – Picnic Chairman Jody Monaco McGarry – Valentines Chair Chuck White – Buyers Guide Chairman

In order to keep our chapter strong we need new volunteers with new ideas and perspectives. So please keep in mind the following openings for committee chairmen in our local ASHRAE chapter. Attendance chairman and website chairman positions are open to anyone who is interested. If you would rather volunteer in a supporting role as opposed to filling a chairman role your participation would also be welcome. Please contact myself or Joe Van Cura JVC@rpfedder.com if you would like to get involved.

Once again, it was my pleasure to serve as your president this past year. Thank you.

Casey Bernhard, PE 2007-2008 President



Board of Governors

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Kevin Wind kwind@rochester.rr.com





Thank you for supporting ASHRAE!!!

2008 ASHRAE PICNIC/GOLF TOURNAMENT

Platinum Sponsor:

Gray Metal Products, Inc.

Gold Sponsors:

Gray Metal Products, Inc. Crosby-Brownlie, Inc. IBC Engineering, P.C. Mech Tech HVAC Pathfinder Engineers, LLP R.P. Fedder Corporation SMACNA Rochester, Inc.

Bronze Sponsors:

Gray Metal Products, Inc. Clark Patterson Lee Herline Technologies Q-Tech Engineering, P.C. Turner Engineering

Golf Tournament Longest <u>Drive Sponsor:</u>

Labella Associates, P.C.

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Northern Air Systems, Inc.
R.L. Kistler, Inc.
Sustainable Performance Consulting, Inc.
TRANE
VJ Stanley, Inc.

Golf Tournament Closest to the Pin:

Air Systems Balancing & Testing Services, Inc.

CRC Activities

Golf Outing - Shennecossett Golf Course Thursday, 9:00 a.m. Welcome Reception & Dinner - Mystic Aquarium Thursday, 7:00 p.m.

Friday, 12:15 p.m. President's Luncheon

Friday, 1:45 p.m. & 3:30 p.m. Technical Sessions

Friday, 6:00 p.m. Banquet

Saturday, 12:00 noon Awards Luncheon

Area Attractions

(discounted admission) Mystic Seaport

(discounted admission) Mystic Aquarium

Institute for Exploration

Olde Mistick Village

Foxwoods & Mohegan Sun casinos

USS Nautilus & submarine museum

Deep sea fishing

Ocean Beach Park

River cruise

Sea kayaking Hiking

Biking

www.ctashrae.org/crc08 about area attractions, visit: For more information

Hotel Accommodations

Mystic, CT 06355 Hilton Mystic 20 Coogan Blvd. 860-572-0731

ASHRAE room rate is \$159.00 per night, Make hotel reservations separately single or double occupancy.

Area airports:

Bradley International, Hartford T.F. Green, Providence

Directions:

Interstate 95, take Exit 90.

The Mystic Hilton hotel is right across the At end of exit, go south on Rt. 27 Follow signs to Mystic Aquarium. (Greenmanville Ave.)

street from Mystic Aquarium

Event sponsors:

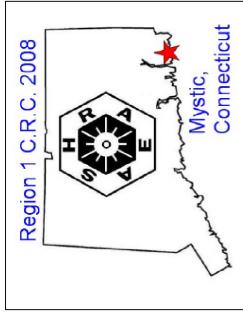






The Connecticut Chapter of ASHRAE invites you to join us in historic on the Connecticut shoreline Mystic Country





ASHRAE Region 1

Chapters Regional Conference August 14th – 16th, 2008

CRC 2008 Agenda

Thursday, August 14th

Registration – Hotel	8 am – 7 pm
Golf Outing – Shenny GC	9:00 am
Hospitality Suite	4 pm – 6:30 pm
1st Business Meeting	4:30 pm – 6:30
Orientation	4:30 pm
Welcome Reception &	
Dinner, Mystic Aquarium	7 pm – 10 pm

Friday, August 15th

Registration – Hotel	7 am – 7 pm
Breakfast	6:30 am -10am
Caucus	7:00 am
2nd Business Meeting	8:30 am - Noon
President's Luncheon	12:15 pm
1st Technical Sessions	1:45 pm
2nd Technical Sessions	3:45 pm
Hospitality Suite	1:45 pm – 5:30
Banquet & Music	6:00 pm –10pm
Hospitality Suite	10:00 pm –1am

Saturday, August 16th

Registration – Hotel	7 am – 10 am
Breakfast	6:30 am 10am
Executive Session	7 am – 8:15 am
Breakout Workshops	8:30 am -11:45
Hospitality Suite	9 am – Noon
Awards Luncheon	Noon – 2 pm
3rd Business Meeting	
(if necessary)	2 pm – 4 pm

For further information visit

www.ctashrae.org

or contact
Committee Chair Phil Knowlton
at 860-342-3970
pbknowlton@comcast.net

Welcome Reception & Dinner Thursday Night 7 pm

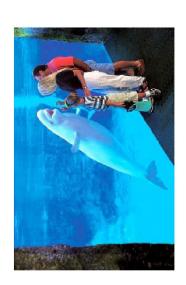
at the fabulous Mystic Aquarium

Don't miss it!!



The world famous Mystic Aquarium

will be reserved exclusively for ASHRAE CRC attendees.



** Drinks **Hors d'oeuvres **Dinner **Fun **Tap-dancing dolphins (OK maybe not)

It's going to be great!! Make sure you plan to arrive by Thursday evening!

Registration Form

(complete only one form for each member/family attending)

DEADLINE: July 15th – to avoid late Price

Price Late price
\$365.00 \$465.00
295.00 375.00
140.00 165.00
80.00 100.00
ne Day – Member 195.00 275.00 (Fri. Banquet and Saturday meals)
20000

□ Awards Luncheon 45.00 65.00 *meals included: Thurs. dinner thru Sat. lunch

Please include a note on Special Dietary Needs

Total \$

Name

Companion name

Address

City State Zip

Phone

Email

ASHRAE Chapter

Chapter officer? Committee chair?

Make checks payable to:

Region 1 ASHRAE CRC 2008 Mail to:

Fred Wajcs 18 Charlie Circle South Windsor, CT 06074



Your technical training provider presents

Air Conditioning Fundamentals 2008

<u>Target Audience:</u> 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 at tendees have boost ed their overall confidence and found many ways to apply their recently acquired knowledge.

Comments from past attendees:

"<u>Practical, helpful, essential information</u> provided in a friendly and enthusiastic manner." Bill Bishop, Mechanical Designer - Rochester, NY

"Joe really knows the details and step by step ways to teach a hard topic to understand.

The best training I have had. Joe is a great teacher."

Thomas Price - Estimator/Project Manager - Philadelphia, PA

"Joe has an effective teaching style that delivers a lot of technical information in an amount of time in a way that everyone in the classroom can easily comprehend and understand to use in their field."

Andrew Davin - Mechanical Designer - Rochester, NY

"This was awesome! **Engineering made simple.** Joe Becker is one of the best!" **Jamie Chudyke - HVAC Mechanic - Rochester, NY**

2008 Course Offerings (Rochester, NY): (all classes are 3-days; Tuesday – Thursday)

- 1. [] Sep 9-11 'Product Fundamentals' (Coil, AHU, FanCoils, UVs, WSHP, RTU, Chillers, Compressor Technologies)
- 2. [] Oct 7-9 'Airside Fundamentals- I' (Load Design and Psychrometrics)
- 3. [] Nov 18-20 'Airside Fundamentals- II' (Duct Design, Fans & Fan Laws, Acoustics and IAQ)

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.

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.

<u>Departure:</u> You can book flights out of Rochester International Airport after 6:00 p.m. on Thursday since our Henrietta, NY location is less than 10-minutes from the airport.

				nd mail along with a C	check or Purchase Order ville, NY 14437
2008 Courses:	(check all that	at apply) 1. []	Product	2. [] Airside-I	3. [] Airside-II
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. He joined The Trane Company as a Systems Engineer in the C.D.S. computer software design group where he spent a great deal of time running Trace Building Energy Analysis programs as well as teaching others how to use a variety of powerful C.D.S. software tools. He also worked as a Marketing Engineer in the Variable Air Volume Product Group. During his last 5 years in Trane Headquarters, he served as the Manager of Technical Training, where his primary responsibility was to teach the technical subjects to those attending Trane's premier six month long Graduate Training Class. Joe left Headquarters in 1990 to join the Rochester, NY field sales office as a sales engineer. He distinguished himself by earning Trane's coveted Top-10 Club three years in a row before being promoted to the Rochester Sales Manager in 1997. The following year he was given the Syracuse sales management responsibilities as well. Joe was the Regional Sales Manager of the Northeast Territory from January 2005 through March 2007.

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 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 <u>washdc@ashrae.org</u>.

ASHRAE Government Affairs Update, 06/20/08

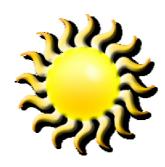
- World's Top Energy Ministers Launch Energy Efficiency Effort
- Connecticut to Cut Greenhouse Gas Emissions 80% by 2050
- FTC to Examine Green Building Marketing Claims
- EPA Launches IAQ Scientific Findings Resource Bank Web Site
- EPA Issues Rule on Use of R-152a in Vehicles
- Report: U.S. Competitiveness Hinges on Two Issues
- San Francisco Launches Nation's Largest Municipal Solar Incentive

World's Top Energy Ministers Launch Energy Efficiency Effort

The energy ministers from the Group of Eight (G8) industrialized countries and from China, India, and South Korea agreed to establish the International Partnership for Energy Efficiency Cooperation (IPEEC). The IPEEC will serve as a high-level forum for facilitating a broad range of actions that yield significant gains in energy efficiency. The partnership will support the on-going energy efficiency work of the participating countries and relevant international organizations by exchanging information on best practices, policies, and efforts to collect data. The IPEEC members will also develop public-private partnerships for improving energy efficiency, participate in joint research and development efforts, and facilitate the dissemination of energy-related products and services. The energy ministers plan to hold the first IPEEC meeting before the end of the year. See the IPEEC declaration (http://www.energy.gov/media/IPEEC_declarationfinal_June082008.pdf).

Connecticut to Cut Greenhouse Gas Emissions 80% by 2050

Connecticut Governor M. Jodi Rell signed a bill that requires the state to reduce its greenhouse gas (GHG) emissions to 10% below 1990 levels by 2020 and to 80% below 2001 levels by 2050. House Bill 5600, "An Act Concerning Global Warming Solutions," requires the state's Department of Environmental Protection (DEP) to determine the best strategies to meet the GHG limits. It also authorizes the DEP to work with other states and Canadian provinces to develop a cap-and-trade program to achieve the GHG limits. Connecticut is part of the Regional Greenhouse Gas Initiative, which is establishing a cap-and-trade program for GHG emissions for much of the Northeast.



Governmental Affairs Update (continued)

The bill requires the DEP to evaluate the potential of low-carbon fuel standards for motor vehicles and home heating fuels to help achieve the GHG reductions. It also establishes a subcommittee to evaluate the impacts of climate change on the state and to recommend to the governor and the state legislature any needed changes to state and municipal programs, laws, or regulations to mitigate such impacts. See the governor's press release (http://www.ct.gov/governorrell/cwp/view.asp?a=3293&Q=416836&PM=1) and the full text of the bill, HB 5600 (http://www.cga.ct.gov/2008/ACT/PA/2008PA-00098-R00HB-05600-PA.htm).

FTC to Examine Green Building Marketing Claims

The Federal Trade Commission is planning to host a public workshop on July 15, 2008, to examine developments in green building and textile claims and consumer perception of such claims. The workshop will explore environmental or "green" building and textile claims, consumer perception of those claims, and substantiation issues. The workshop is a component of the Commission's regulatory review of the Guides for the Use of Environmental Marketing Claims, announced on November 26, 2007.

Since the Commission last revised the Green Guides in 1998, there has been a significant increase in environmental claims concerning textiles, building products, and construction. In the building market, green claims are prevalent for a wide range of building products including flooring, carpeting, paint, wallpaper, lighting, insulation, and windows. In addition, builders are making claims that the homes they build are green. These green building claims often are based upon third-party certification programs, which have grown substantially since the last revision of the Guides.

For more information, see the Federal Register notice at http://edocket.access.gpo.gov/2008/pdf/E8-13014.pdf.

EPA Launches IAQ Scientific Findings Resource Bank Web Site

The EPA's Indoor Environments Division announced a new web-based resource, the IAQ Scientific Findings Resource Bank (http://eetd.lbl.gov/ied/sfrb). The Bank was developed through an interagency-agreement with the Department of Energy's Lawrence Berkeley National Lab (LBNL). The Bank is a resource for building professionals, public health professionals, and others seeking scientific information about how IAQ can affect people's health or work performance. The Bank provides information summarizing the state of scientific knowledge about the relationships between health and productivity for IAQ conditions or associated building characteristics.

The website is in a "drill-down" format that starts out with high level summary statements and then offers links to additional details and resources. The website will be updated as additional analyses are conducted and new information becomes available. Currently several key resources are available, e.g., detailed sections on "Health and Economic Impacts of Building Ventilation" and "Impacts of Indoor Environments on Human Performance and Productivity." Also available are introductory sections on "Indoor Dampness, Mold and Health" and "Indoor VOCs and Health," which will likely be developed into more detailed sections in the future.

EPA Issues Rule on Use of R-152a in Vehicles

Under the Clean Air Act, the Significant New Alternatives Policy (SNAP) program, the Environmental Protection Agency (EPA) is expanding the list of acceptable substitutes for ozone-depleting substances (ODS). The substitute addressed in this final rule (i.e., R–152a) is for the motor vehicle air conditioning (MVAC) end-use within the refrigeration and air-conditioning sector. This substitute does not pose significantly more risk than other substitutes that are available in this end use. Additionally, this substitute is a non ozone-depleting gas and consequently does not contribute to stratospheric ozone depletion.

This final action provides motor vehicle manufacturers and their suppliers an additional refrigerant option for motor vehicle air conditioning systems. The refrigerant substitute discussed in this action (i.e., R–152a) is non ozone depleting. Members of the MVAC manufacturing and MVAC service industries have all been actively engaged in the development of this rule-making and are developing prototype systems with the use conditions defined in this rulemaking. This final action helps harmonize U.S. MVAC alternatives with European Union (EU) MVAC alternatives. The EU has banned the use of R–134a, the predominant MVAC refrigerant in the U.S and the EU, in new cars beginning in 2011. By 2020, cars sold in the EU may have to include the new alternative in this action. In response, U.S. original equipment manufacturers are developing

Governmental Affairs Update (continued)

MVAC systems using R-152a and other alternative refrigerants for the European market and for possible U.S. sale as well. EPA is deferring final rulemaking on R-744 (carbon dioxide). EPA is currently continuing to consider further several issues with respect to this regulatory action.

In the final rule, EPA finds R-152a acceptable in new motor vehicle air conditioning systems with the use condition that systems must be designed to avoid occupant exposure to concentrations of R-152a above 3.7% in the passenger cabin free space for more than 15 seconds, even in the event of a leak. EPA requires prominent labeling of R-152a MVAC systems with a warning such as "CAUTION SYSTEM CONTAINS FLAMMABLE R-152a REFRIGERANT—TO BE SERVICED ONLY BY QUALIFIED PERSONNEL."

For more details, see the Federal Register Notice at http://edocket.access.gpo.gov/2008/pdf/E8-13086.pdf.

Report: U.S. Competitiveness Hinges on Two Issues

A new report from the Massachusetts-based American Academy of Arts and Sciences identifies investment in early-career scientists and encouragement of high-risk, high-reward research as important priorities in preserving U.S. leadership in science and engineering.

Advancing Research in Science and Engineering: Investing in Early-Career Scientists and High-Risk, High-Reward Research provides examples of obstacles facing young researchers and their potentially transformative science and technology research. One example is a decline in access to grants. The average age for first-time recipients of primary research grants from the National Institutes of Health is 42.4 and rising. The success rate for first-time grant applicants has fallen from 86 percent in 1980 to 28 percent in 2007.

The American Academy's report offers a series of steps that government, academic research institutions, and private foundations can take to sustain a steady pipeline of science and engineering talent. It recommends policies to help overcome barriers, and it calls on federal research agencies to re-evaluate peer-review systems, invest in program officers, and more systematically track demographic data on investigators government wide.

For a copy of the report see http://www.amacad.org/arisefolder/default.aspx.

San Francisco Launches Nation's Largest Municipal Solar Incentive

San Francisco, California, passed legislation to implement a 10-year solar incentive program that will be the largest municipal solar program in the United States. People and organizations that install solar photovoltaic power systems on their properties will earn taxable solar incentives of \$3,000-\$6,000 for residences, up to \$10,000 for businesses and non-profits, and up to \$30,000 for nonprofit affordable housing. Residents and businesses can earn the highest incentives by employing a solar installer that hires graduates of the city's workforce development program. One sponsor of the legislation claims that the new incentives will significantly expand the use of solar energy in San Francisco, which currently has less than 1,000 solar rooftops. See the press release (http://www.sfgov.org/site/mayor_index.asp?id=82535) from Mayor Gavin Newsom.

According to the city's assessor's office, the Solar Energy Incentive Program is expected to launch in the near future with a budget of \$3 million, enough to provide incentives for 1.5 megawatts of solar power on residential and business properties. In addition, a one-year pilot program with a budget of \$1.5 million will provide incentives to nonprofit organizations and residences for low-income families. The incentives will be paid on a first-come, first-served basis and are assignable to the building owner, the installer, or a third party. They apply only to new installations at existing buildings.

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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 Walter (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.



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.



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.
- "Advancing HVAC&R to serve humanity and promote a sustainable world"

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

2007-2008 Presidential Award of Excellence Summary

Chapter #	Chapter Name	Chapter Mem- bers / Students	Member Promotion	Student Activities		Chapter Technology Transfer	History	Chapter Operations	Chapter PAOE Totals
11	Rochester	218 /13	860	845	810	850	400	650	4415

ASHRAE Leads Briefing on New High Performance Building Report to Congress, Caucus

ATLANTA – A new assessment report to the U.S. Congress and a new Congressional caucus, both addressing highperforming buildings, will be unveiled next week at a briefing with ASHRAE as the lead sponsor.

The briefing for Congressional staff takes place from 11:30 a.m.-1:30 p.m. June 18 in room 2325 of the Rayburn House Office Building. Scheduled to take part are Rep. Judy Bigger (R-IL) and Rep. Russ Carnahan (D-MO), co-chairs of a newly formed High Performance Building Congressional Caucus.

"Rising energy costs and the increased global awareness of the potential impact of climate change continues to drive home the need for low-energy, environmentally responsible, high-performance buildings are the future," Kent Peterson, P.E., ASHRAE president, said. "As such, we need to be more determined to deliver buildings that perform. I am encouraged by the efforts I am seeing in the recommendations contained in this report and

formation of the caucus to encourage design, operation and maintenance of high-performance buildings."

Congress drafted Section 914 of the Energy Policy Act of 2005 to address not just more energy efficient buildings but rather high-performance buildings that combine the objectives of reducing resource energy consumption and improving the comfort and productivity of building occupants. Congress maintains that achieving both these goals would have a positive economic and societal impact.

Former ASHRAE president Bill Coad served as chair of the committee that wrote the soon-to-be-released assessment to the U.S. Congress and the U.S. Department of Energy on high performance buildings. Overseen by the National Institute for Building Sciences, the report contains seven recommendations to assist in encouraging the creation and operation of high-performance buildings. Coad is scheduled to speak at the briefing, along with Get Moy, current chair of the High

Performance Building Council.

In addition, the recent formation of the High Performance Building Congressional Caucus will be announced. The Caucus was formed in part to address the recommendations outlined in the assessment report. The caucus will work to heighten awareness and inform policymakers about the major impact buildings have on health, safety and welfare. ASH-RAE is one of 14 organizations that form the Caucus.

ASHRAE, founded in 1894, is an international organization of some 50,000 persons. ASHRAE fulfills its mission of advancing heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education.

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 ASH-RAE 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".

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, Suite 300, Rochester, NY 14623 or email to cmwalter@trane.com

Reminder

Go to www.ashrae.org to update your personal information. Keeping your information current helps us to find you. Please add email, phone number, fax number, address correction, etc.

