

INFORMAIRE

JOURNAL OF MADISON, WISCONSIN CHAPTER
AMERICAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING ENGINEERS

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In this Edition:

Meeting Information	1	Historian	3	Program Schedule	7
Presidents Message	2	Membership	3	Chapter Contacts	7
Student Activities	2	Redesigned Website	3	Advertisers	8
Research Promotion	3	Meeting Minutes	4		

OCTOBER EVENT *Student Night*

Submitted by: Gene Nelson

DATE: MONDAY Evening, October 9th, 2006
LOCATION: Quality Inn & Suites – Madison
2969 Cahill Main, Madison, Wisconsin 53711
TIME: 5:00 – 6:00 Social Gathering
6:00 – 6:45 Meeting and Dinner
6:45 – 7:45 **PROGRAM PRESENTATION**

Although this is one of our two students nights, we welcome students to all of our meetings. We will recognize the participation of the students at this and our subsequent night. See the Student Activities Section for more information.

TOPIC: Difference could NOW be Renewable

New Federal and enhanced State initiatives have presented consumers with many options in their efforts to conserve energy. Solar energy is making a come back. Presenters will draw attention to how solar panels can be used for water heating applications and update us as to current economics of using solar energy.

SPEAKER: Kurt Koepp and Aaron Adler, Hot Water Products.

Kurt Koepp and Aaron Adler play critical roles at Hot Water Products, in the promotion, sales, design, delivery and 'Service after the Sale' efforts.

Kurt has been involved with demand-side management programs since 1979. His first twenty-one years was with Wisconsin Gas and, most recently, he was involved in the design and implementation of Wisconsin's Focus on Energy Apartment and Condo new construction program as well as laying the foundation for a sound trade ally business program.

Aaron has been active in all aspects of the distribution business and plays a critical role in Hot Water Products' efforts to provide same day delivery and 'Service after the Sale', working with a core group of more than 100 contractors. Aaron is the technical lead for Hot Water Products' solar initiative and will look to design a system that supports all aspects of the business.

RESERVATIONS: Please RSVP to Gene Nelson (gcnelson@aeieng.com or 236-1232) no later than 5:00 p.m. Wednesday, October 4th so we have sufficient dinners. (E-mail is preferred).

We cannot guarantee a meal for attendees making reservations after Wednesday, however, please e-mail or call anyway and let us know you are planning to come. We will attempt to accommodate everyone the best we can.

Dinner Choices: (Please choose one) Chicken Parmesan or Baked Cod (meals will be furnished with fresh greens salad, green bean garnish, warm bread with butter, and garlic mashed potatoes). Either meal can be served as "Gluten Free". Please indicate such when signing up.

There is no cost for Members or Students. Non-members cost is \$30 for dinner and the featured program, which is paid at the door. Please make checks payable to Madison ASHRAE Chapter.

Madison Chapter of ASHRAE "No Show" Policy: In an effort to control meeting costs, members who fail to show and fail to cancel by **NOON FRIDAY** the week before, will be asked to contribute \$30 to recover the meal costs incurred by the Chapter. Checks are made out to Madison ASHRAE Chapter and mailed to Tim Meeker, c/o JDR Engineering, 2809 Fish Hatchery Road, Suite 201, Madison, WI 53713.

The INFORMAIRE is the MONTHLY JOURNAL of the Madison, Wisconsin Chapter of the American Society of Heating, Refrigeration and Air Conditioning Engineers. Statements in the publication are not an expression of the Society of the Madison Chapter and may not be reproduced without written permission of the Board of Governors. Editor: Mark Miller, mark.miller@mail.ashrae.org

PRESIDENTS MESSAGE

Submitted By: Chad Faber

We are off to a great start this year. Our September meeting was a huge success. I would like to thank Gene Nelson for bringing in our speaker Peter Hmelyar from Aircuity Inc. Peter gave a very informative presentation on multipoint gaseous monitoring systems. The overall attendance was 58 members and guests. Thanks to all of you that could make it.

There is no news to report from the BOG, due to the meeting being held after the INFORMAIRE goes out. I will report on our meeting this month at the October chapter meeting.

As I stated at the September meeting, we have successfully filled two chair positions of our ASHRAE committees. The Refrigeration Committee will now be lead by Tom Riley from Prior Engineering Services, and will be effective immediately. Terry Riker has opted to resign as the chair this year. We would like to thank Terry for his years of dedication and commitment. The other is the Webmaster position. Our current Webmaster is Zach Obert, who has done a great job over the past years keeping our website current. This year will be Zach's last as webmaster. Our new webmaster will be Brian Utschig from ALC Controls. Brian just started with ALC and is a new member. Please thank both Tom and Brian for volunteering for these positions next time you see them.

We are still looking for other volunteer to help out in most of the committees. If you would like to volunteer please see one of the board members or committee chairs.

See you at the next meeting

Chad Faber,
Madison Chapter President

STUDENT ACTIVITIES

Submitted By: Wayne Prior

October is our first meeting honoring the students. We are inviting the students interested in the HVAC industry from the Madison and Platteville Campus to join us. Please welcome them as you attend the meeting.

We typically hand out older ASHRAE handbooks to the students who attend the meeting. We are looking for such ASHRAE handbooks for the student members. If you have any handbooks collecting dust on your shelf, I am asking you to bring them to the October meeting or give me a call (Wayne Prior @ 288-8338) and I will arrange to have them picked up. Your donation is greatly appreciated.

We are looking for companies interested in hiring students on a part time bases or as an intern. These students can be very beneficial to help your organization and even make financial sense with the right guidance. If you are interested, let me know and I will help connect you with a student.

Sincerely,

Wayne Prior

RESEARCH PROMOTION

Submitted By: Al Zeller

I would like to welcome Ed Schnaubelt of the Madison Trane office to our Research Promotion Committee.

Thanks to the many members who participate in our Chapter RP raffle; we raised \$204 last month, courtesy of Philip Van Styn, Pearson Engineering, and the Concourse Hotel.

Respectively submitted,

Al Zeller

HISTORIAN

Submitted By: Jeff Boldt

Tom James is in the process of reviewing the Carnes history, and Henneman is also working on a history of their engineering firm. Look forward to one these histories in the November INFORMAIRE and the second in the December INFORMAIRE.

Respectively submitted,

Jeff Boldt

MEMBERSHIP

Submitted By: Matt Heil

	Dec	Jan 2006	Feb	Mar	Apr	May	June	July
Members	239	242	246	248	245	245	246	200
Students	28	27	27	25	23	23	25	18
Delinquency	29	29	32	30	28	28	25	34

Due to a new Heil addition, an update on membership will be delayed until next Month. Congratulations Matt on continuing the family name!

Sincerely,

Mark Miller for *Matt Heil*

ASHRAE REDESIGNED WEBSITE

Submitted By: Mark Miller

ASHRAE Unveils Redesigned Web Site

ATLANTA – With a focus on ease of navigation and new technology, ASHRAE has unveiled its redesigned Web site, www.ashrae.org/.

An improved web site is a corner stone of fulfilling the Society's new Strategic Plan, which calls for sustainability leadership, world-class educational programs, a raised public profile and global access to technical information. A refined Google-powered search engine has been added, and site visitors will benefit from the site's 100% uptime and increased speed. The new, simpler design incorporates a technology that will integrate with the new member database that goes live this fall, allowing members to easily access subscription management tools for eLists and newsletters, and account history for events, purchases and dues.

"The ASHRAE web site is the key component of the Society's strategy to provide membership service and technical information to the industry," says Steve Comstock, director of publications and education. "With the new technology incorporated into the site, our members and key audiences will be able to access crucial information faster and with greater ease."

Upon logging into the site, members will have access to the **MyASHRAE** section where they will be able to use the site to reflect their specific interests. Members can sign up for e-mail updates when updated content has been added to a particular section, and a lost password function allows users to quickly retrieve forgotten passwords.

The simplified site navigation is now broken into six tabbed sections:

- Members (formerly Membership)
- Publications (formerly Education and Publications)
- Technology (formerly Technology and Standards)
- Education (formerly Education and Publications)
- Events (formerly Meetings and Events), and
- Students (formerly Student Zone)

Content from the previous site's About Us section now occupies a position at the top left of ASHRAE.org under a new About Us section.

The upgraded site will also include a redesigned bookstore upon the section's completion in December. ASHRAE, founded in 1894, is an international organization of 55,000 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.

SATELLITE BROADCAST/WEBCAST

Submitted By: Mark Miller

ASHRAE is broadcasting another satellite broadcast on November 14th titled "**Multiple Benefits Solutions for Enhanced Building Security**". It is intended on informing the audience on the many efforts that can be taken to reduce the vulnerability to terrorist acts also provide reduced vulnerability to natural and accidental incidents, and may provide improvements in reliability, safety, comfort, energy use, and operating cost of the building and its systems. It will take place from 12:00 to 3:00 CST.

It is a free event that can be participated from your PC. An organized hosting satellite location has not been arranged in the Madison area. If anyone is interested in offering a hosting site, contact me at mark.miller@mail.ashrae.org or Mike Gall at Mgall@mastershvac.com. The attached announcement provides information about the presenters, PDH Credits and registration information.

MEETING MINUTES July & August

Submitted By: Robb Stone

1. **PRESIDING OFFICER:** Chad Faber, President
2. **CALL TO ORDER (Time & Place)** July 26, 2006 4:00 p.m. The Great Dane Pub 2980 Cahill Main Fitchburg, Wisconsin
ROLL CALL Chad Faber, Bruce Kimball, Gene Nelson, Tim Meeker, Robb Stone, Matt Heil, Mark Miller, Manus McDevitt
3. **APPROVAL OF MINUTES** None.
4. **GENERAL INFORMATION 2006-2007** Chad Faber distributed binders to all BOG members with general ASHRAE chapter information. Chad reviewed the information briefly and defined the sections within the binder.
Bruce Kimball recommended that the BOG issue the chapter bylaws to all members again this year. It was agreed to attaché the bylaws to the monthly newsletter. Bruce will forward the bylaws to Chad for his use in distribution.
5. **REPORTS**

INFORMAIRE

Treasurer's Report

Gene Nelson has turned over all of the treasurer information to Tim Meeker and will continue to work with Tim as required to properly transition the position. Tim Meeker issued the preliminary budget for the 2006-2007 year.

General notes on the finances and proposed budget:

- There is currently some outstanding money from the golf outing.
- Money has been allocated for the product directory. The BOG agreed to poll the members to determine the "value" of the directory to chapter members. The allocation to remain in the budget until final determination.
- Tax preparation fees of \$300 are to be added into the budget.
- A separate checking account will be opened for CRC 2007. Tim Meeker and Gene Nelson will oversee and control the account.

Motion

No motion made. Tim will revise the budget with the discussed revisions and resubmit for review.

Second Vote

None

Membership Committee CRC 2007 Committee

No report this month.

6. OLD BUSINESS

No report this month.

7. NEW BUSINESS

Miscellaneous

A BOG member was questioned why the BOG is mostly consulting engineers. The BOG is responsible to help recruit others, no matter what the background. At one time, the BOG was mostly all vendors. The current make-up is just "what it is".

Gene Nelson is working on speakers and topics for the 2006-2007 year. The first meeting for September has been established as CO2 Monitoring and will be held at the Holiday Inn West.

PAOE points are complete and were due on June 30th.

8. Next BOG Meeting

August 30, 2006, 4 p.m. at The Great Dane Pub in Fitchburg

ADJOURNMENT

5:10 p.m.

AUGUST BOARD OF GOVERNOR'S MEETING

1. PRESIDING OFFICER:

Chad Faber, President

2. CALL TO ORDER (Time & Place)

August 23, 2006 4:00 p.m. The Great Dane Pub 2980 Cahill Main
Fitchburg, Wisconsin

ROLL CALL

Chad Faber, Tom James, Gene Nelson, Tim Meeker, Robb Stone

3. APPROVAL OF MINUTES

Motion

Robb Stone motioned to accept the July 2006 BOG meeting minutes.

Second

Tim Meeker

Vote

Unanimous

4. REPORTS

Treasurer's Report

Tim Meeker issued the treasurer's report and reviewed for the BOG. The BOG had no additional comments or revisions.

Tim Meeker will issue account cards to the BOG.

The treasurer's report will be forwarded to the audit committee for review, comment, and approval.

Motion

No motion made.

Second

None

Vote

Membership Committee

No report this month.

ASHRAE Research Promotion Committee

Report submitted by Al Zeller. Report included the goals for 2006-2007 year. and summarized the Madison Chapter Research Promotion results for the 2005-2006 year. Highlights:

- Achieved new chapter high of \$15,733.58 (04-05 = \$14,313)
- Earned 616 PAOE Points (Par is 400)

5. OLD BUSINESS

2006-2007 Budget

Tim Meeker distributed the revised budget for discussion and review by the BOG.

Noted items:

- The budget shows a deficit of \$6,000
- Additional monies will be received from the CRC.

**Motion
Second
Vote
Chapter Meetings**

- At the end of this year, the BOG will reevaluate the proposed versus the actual budget to determine if an adjustment to member dues is necessary.

Motion to accept the budget: Gene Nelson
Tim Meeker

All in favor: Unanimous

Gene Nelson discussed the status of the meeting agenda for the year. The first couple meeting topics and locations have been established. Potential to have a panel discussion again this year. Potential panel members to include contractors, engineers, owners, etc. Possible individuals:

- Mike Christianson – H&H Industries
- Steve Ross - NAMI
- Doug Schorr – DSF
- Jim Whiteside
- Owner's rep?

It was discussed that close coordination is required between the chapter meetings and CRC.

**6. NEW BUSINESS
CRC 2006**

CRC Committee Chairs

Gene Nelson would like to start a new checking account for the CRC. Tim Meeker will send a check for the amount of \$1,990 to Gene for CRC seed money. Mark Miller will be the primary contact for the 2006 CRC.

CRC committee has met with the Monona Terrace and their caterer. Mark will update the budget based on newly acquired information.

The BOG needs to pursue committee chairs and encourage existing chairs to expand their committees to share responsibilities. Current/potential committee chairs:

- Mike Mateyer – Programs
- Ed Hornace – Entertainment
 - Tours – Overture, Monona Terrace
 - The symphony orchestra is not considered appropriate for the CRC due to the lack of interaction between members.
- Registration – Tim Meeker and Gene Nelson
 - A website will be available for online registration.
 - Website will be established privately or through the region. Society will charge \$10/person for the service.

Technical Committee Chairs

The Refrigeration committee chair is currently vacant. Efforts will be made to recruit a new committee chair.

There is a need to increase participation in the technical committees. Each member of the BOG will be responsible for contacting an existing committee chair to discuss increasing participation on their committee.

UW Platteville

Chad Faber will be going to UW Platteville to discuss/speak to the environmental design class. Chad is looking for sample projects in the 10-20,000 square foot size for the course to use as a sample design project.

- Tom James offered to provide sample products (i.e. – TE wheel) for Chad's discussion.
- Gene Nelson offered the AEI office building as sample project.

Welcome Committee

The BOG and committee chairs will act as the welcoming committee at chapter meetings. Name tags and ribbons will be provided.

Next BOG Meeting

September 20, 2006, 4 p.m. at The Great Dane Pub in Fitchburg

7. ADJOURNMENT

Motion to adjourn: Chad Faber

Second: Robb Stone, Unanimous 5:10 p.m.

INFORMAIRE

PROGRAM SCHEDULE

Submitted By: Gene Nelson

	Topic	Location	Speaker (s)	Theme
Oct 9	Solar Energy Update	Quality Inn - Fitchburg	Kurt Kopp, Jack Daniels - Hot Water Products	Student Night
Nov 13	Lab Commissioning / Pressure Control / Exhaust Control	To be Determined	Jack Wunder, UW Health & Safety	
Dec 11	Panel Discussion on Value Engineering	Nakoma CC	Joint Meeting w/ Mech Contractors Assoc	Past Presidents Night, Research & Promotion
Jan 8	Tour UW Microbial Building	Campus Location To be Determined	Patti Kauffmann, Ring & DuChateau	
Feb 12	Engineers Without Borders	Campus Location To be Determined	Students with Engineers Without Borders	Membership Night, Student Night
Mar 12	LEED Case Study	To be Determined	Dan Green, A&O	Membership Night, IAQ
Apr 9	Chiller Plant Optimization	To be Determined	Steve Tredinnick, AEI	Student Night
May 14	Chilled Beams	To be Determined	Chris Lawrence, Trox	
Jun 11	Golf Outing	Stoughton Country Club		Social

CHAPTER CONTACTS

OFFICERS:

		<u>Phone</u>	<u>Fax</u>	
PRESIDENT:	Chad Faber	(608) 225-0322		cafaber@pecllc.com
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TREASURER:	Tim Meeker	(608) 277-1728	(608) 278-8784	meeker@jdreng.com
SECRETARY:	Rob Stone	(608) 277-1728	(608) 278-8784	stone@jdreng.com
PAST PRESIDENT:	Bruce Kimball	(608) 276-9200	(608) 276-9204	kimball@strang-inc.com
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	Manus McDevitt	(608) 233-7716		mmcdevitt@sustaineng.com

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NEWSLETTER:	Mark Miller	(608) 835-1944	(866) 422-2290	mark.miller@mail.ashrae.org
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STUDENT ACTIVITIES:	Wayne Prior	(608) 288-8338	(608) 288-8388	prioreng@mcloedusa.net
WEBMASTER:	Zach Obert	(608) 249-9322	(608) 249-0307	zacko@weccusa.org

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mark.miller@mail.ashrae.org

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