

INFORMAIRE

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

VOLUME XXXVIX NO. 4

www.ashraemadison.org

Dec 2006

In this Edition:

Meeting Information	1	CRC Region VI '07	3	Meeting Minutes	5
Presidents Message	2	PFMA Open House	3	Program Schedule	7
Historian	2	Research Promotion	4	Chapter Contacts	7
Membership	2	Geothermal Session	4	Advertisers	8

DECEMBER EVENT *Past Presidents Night*

Submitted by: Gene Nelson

DATE: MONDAY Evening, December 11th, 2006

LOCATION: Nakoma Golf Club
4145 Country Club Rd. Madison WI

TIME: 5:00 – 6:00 Social Gathering
6:00 – 6:45 Meeting and Dinner
6:45 – 7:45 **PROGRAM PRESENTATION**

TOPIC: Panel Discussion of "Is There Any Value in Value Engineering?"
We are excited to announce a joint meeting with the Madison Area Mechanical Sheet Metal Contractors Association. Program will be a panel discussion. Panelists will represent various disciplines and will provide insight from their perspectives. The panel will include an Owner, Engineer, Architect, and a Mechanical Contractor. Each panelist will discuss the following questions:

1. How can we improve the budget process to avoid budget issues on bid day?
2. How should the value engineering process work?
3. How should proposed value engineering ideas interact with other trades?
4. What steps can be taken to avoid the value engineering process?

SPEAKERS:

Jason Beren, VP of Operations - Kilgust Mechanical
Mike Broge, PE, Project Manager - Affiliated Engineers
Hamid Noughani, AIA Principal - Assemblage Architects
Dan Okoli, AIA, Major Projects Director - U.W. Facilities Planning & Mngmt

RESERVATIONS: Please RSVP to Marcie Marquardt at MSC (608-288-1515) or email organserv@aol.com. This program should be a very interesting, and therefore we encourage you to invite other members of your office or executive staff to attend. Please fill out and return the enclosed reservation form by mail, fax with the names of the individuals that wish to attend by Wednesday, **December 6th, 2006**. There is no charge for attendance at this meeting. Enroll early. Attendance will be limited to the first 150 people.



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

INFORMAIRE

Dinner: Chicken Marsala, no additional choices. (Dinner includes Chicken Marsala, oven roasted potatoes, vegetable bundle, and chocolate sundae dessert. Meal will also include 2 free drink tickets.) Please indicate if you require a gluten free meal

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.

PRESIDENTS MESSAGE

Submitted By: Chad Faber

Merry Christmas! Gene has put together a panel discussion on Value Engineering and I am sure it will prove to be a great program. In addition, this months meeting is Past Presidents and Resource Promotions night. I encourage all of you who were at one time Chapter President to attend and share your experiences with those who have not yet had the privilege.

The CRC committee is still working hard on preparing for the convention in May. If you are looking to get more involved in our Chapter, this committee is a good place to start. Al Zeller will be looking for some volunteers to help him with the fund raising efforts. This is not a long term commitment, but requires some persistence and communication. If this interests you, please see Al, Mark Miller, or one of the BOG members and let them know.

On a Society level, ASHRAE has changed the way you log in to their website. Now you will use your email address as your username, and your password will be your choice instead of your member number. This change is part of the first phase in launching a new membership database. Keep in mind that ASHRAE only uses email addresses for Society services. If you would like more details, go to the website and read the privacy policy.

Hope to see you all at this months meeting.

Sincerely

Chad Faber,
Madison Chapter President

HISTORIAN

Submitted By: Jeff Boldt

Attached is the history of Carnes Company. Thank you to Tom James for his work and assistance assembling this company history.

Respectively submitted,

Jeff Boldt

MEMBERSHIP

Submitted By: Matt Heil

	Dec	Jan 2006	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct
Members	239	242	246	248	245	245	246	229	232		
Students	28	27	27	25	23	23	25	18	19		
Delinquency	29	29	32	30	28	28	25	34	33		

The membership information access has changed as the website has changed, so the information was not available for inclusion in this month's newsletter. It will be included in next month INFORMAIRE.

Sincerely,

Matt Heil

CRC 2007 Sailing Into the Future

Submitted By: Mark Miller

The Chapter Regional Conference is coming upon us quickly. We are approaching the one-half year mark where we arrange volunteers to take on specific roles. Please be open-minded as we solicit your assistance. We will be looking for people to assist in registration, lead tours, organize events and publicize



The committee is working on finalizing budgets and selecting meal choices, and the Technical Sessions are being arranged by Mike Meteyer and speakers aligned. Entertainment and tour arrangements are being assembled, publicity is being planned and registration requirements arranged. We are looking for sponsorship by corporations, businesses and individuals. Anticipate seeing more about this from Al Zeller in the near future. Please be generous and look for opportunities to communicate with the engineering population in Region VI of ASHRAE.

Our committee opportunities consist of the following. Please consider where you would be best at contributing to our hosting the Region VI Chapters and Society attendees:

*Reception/Hospitality
Companion Activities
Recording Secretary*

*Advertising/Publicity
Workshops
Transportation*

*Facilities
Registration/Attendance
Photography*

Thank you,

Tom James/Mark Miller

PFMA OPEN HOUSE

Submitted By: Peter Zielski

ASHRAE members are invited to **Plant and Facilities Maintenance** Membership Open House and Vendor Night. It will be held on **Wednesday, December 13th** from 5:00 p.m. to 7:00 pm. at the Madison Metropolitan Sewer District. The sponsors include Grainger, Milwaukee Tool, Academy Electric, Sherwin-Williams, Jensen Equipment, Zorn Compressor & Equipment, Focus on Energy, Hellenbrand Water Conditioning, Trane and All Lighting, Inc.

The cost is \$5.00, which includes the meal, raffle ticket and vendor show. Guests are welcome. RSVP's are requested by **December 11th** to Peter Zielski at (608) 849-8738 or pfma_capitol@yahoo.com.

The MMSD is located at 1610 Moorland Road. Exit the Beltline at South Towne road and follow south to Moorland Road. Enter Gate 2 and follow signs to the Operations Building.

RESEARCH PROMOTION HONOR ROLL

Submitted By: Al Zeller

The Research Promotion committee will recognize 2005-06 Honor Roll contributors during the December meeting as printed in the October ASHRAE Journal. Thank you for your generous contributions. We appreciate your support.

**Madison ASHRAE Chapter
Research Promotion Honor Roll
2005-2006**

\$2,617

Madison ASHRAE Chapter
with RP raffle and partial Golf
Proceeds

\$1,000

Charles and Joan Dorgan
Gustave A. Larson Company
Hooper Corporation/General
Heating & Air Conditioning
Research Products Corporation

\$ 500

Affiliated Engineers, Inc.
H&H Industries
Heating, Piping, Cooling Council
Marshall Erdman & Associates
Sub Zero Freezer Company
Trane - Madison Sales District
Therma Stor Products Group

\$ 350

Temperature Systems, Inc.

\$ 250

Angus Young & Associates
Arnold & O'Sheridan
Capitol Mechanical, Inc.
Environmental Systems
Analysis, Inc.
Henneman, Raufeisen &
Associates
Masters Building Solutions
North American Mechanical, Inc.
Pearson Engineering
Planning Design Build
Strang, Inc.

\$ 200

Madison Gas & Electric

\$ 150

Building Automation Products
Inc.
Commercial Air, Inc.
Hein Engineering Group, Inc.
Hunzicker Riley, Inc.
Johnson Controls – Madison
Prior Engineering Services

\$ 100 Individuals

Chad Faber
Bruce Kimball
Tim Meeker
Gene Nelson
Ron Tilley
Steven M. Tredinnick
Al Zeller

GEOTHERMAL LUNCH & LEARN

Submitted By: Manus McDevitt

The **Energy Center** is hosting a Lunch and Learn on “**Design Considerations for Commercial Geothermal Heating & Cooling Systems**” on **Thursday, February 15, 2007**. The presentation will be provided by Manus McDevitt of Sustainable Engineering Group, LLC. It will cover the fundamentals of geothermal heat pump technology including a discussion of when geothermal is appropriate for a commercial project and when it is not. The presentation will also include system design considerations including some typical methods for a variety of space types such as schools, offices, banks, museums and other commercial applications. Life cycle costs of commercial geothermal systems are an important part of the selection process and a number of calculation methods will be covered.

The **Energy Center** is located at 455 Science Drive, Madison, Wisconsin.
Also see <http://www.ecw.org/wps/lunchlearn>.

MEETING MINUTES

Submitted By: Robb Stone

1. **PRESIDING OFFICER:** Chad Faber, President
2. **CALL TO ORDER** October 20, 2006 4:00 p.m.
(Time & Place) The Great Dane Pub
2980 Cahill Main
Fitchburg, Wisconsin
- ROLL CALL** Chad Faber, Tom James, Gene Nelson, Tim Meeker, Robb Stone, Bruce Kimball, Mike Meteyer, Matt Heil
3. **APPROVAL OF MINUTES**
Motion Tim Meeker motioned to accept the September 2006 BOG meeting minutes.
Second Gene Nelson
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 confirm that membership checks from society are now including \$80 for chapter dues verses the former \$30 dues. Chapter meetings policy on new members. If a new member attends the chapter meeting and is not listed as a member in the records, the new member must check in with Matt Heil. Tim Meeker will follow up with no-shows to the monthly chapter meetings. A general email will be sent to all no-shows requesting \$30 payment to be sent directly to Tim Meeker.
The treasurer's report will be forwarded to the audit committee for review, comment, and approval.
Motion Bruce Kimball
Second Matt Heil
Vote Unanimous (Pending approval by the audit committee)
Membership Committee Matt Heil reviewed the new members to the chapter. We have one new member, Adam Chmielewski - DHFS
CTTC Committee Paul Erikson has volunteered to assist on the CTTC committee.
5. **OLD BUSINESS**
2006-2007 Budget Tim Meeker distributed the revised budget for discussion and review by the BOG.
Motion None
Second None
Vote None
6. **NEW BUSINESS**
CRC 2007 Gene Nelson has started a new checking account for the CRC. CRC committee has met with the Monona Terrace and their caterer. Mark will update the budget based on newly acquired information. CRC Committee Chairs Mike Meteyer has agreed to assist the 2007 CRC by helping to secure/line up the technical speakers. The following were items discussed as they relate to the CRC programs:
Look at the Universities for HVAC related research topics.
Brain-storm for speaker options:
 - o Propose options to Chad Faber for consideration
 - o Sustainability topics
 - o Trends in the industry
 - o Research
 The BOG believes that it is important to provide the right topics and speakers to draw attendees.
Consider multiple tracks to give attendees options.
Need to have topics that will draw AIA members
o Energy Code
o IBC/IMC/IEC
Advertising:

INFORMAIRE

- Need to start advertising by December at the latest.
 - Need to start soliciting sponsorships. Tim Meeker and Robb Stone have agreed to help rough out a letter and work with Al Zellar to define sponsorship levels. Must determine the benefits of increased donations. Letter to be submitted to Tom James for review.
- Need to meet with the caterer ASAP to help set the budget for the 2007 CRC. UW Platteville Chad Faber recommended supplying the UW Platteville with a single copy of the ASHRAE Handbook to be kept in the University library for student reference. Mike Meteyer indicated that Marshall Erdman will furnish a handbook and copy of the CD version of the handbooks to the UW Platteville and Madison campus libraries.
- GAME Committee The ASHRAE GAME (Green ASHRAE Meeting and Expositions) committee is recommending that chapters be sensitive to having green chapter meetings.
- This would include cloth napkins and non-disposable place settings. The Madison Chapter will be sensitive to this issue. It was noted that the Monona Terrace is seeking LEED EB certification which falls in line with the GAME directive as it relates to the CRC 2007.
- Miscellaneous
- Society Awards – Distributed at the December chapter meeting.
 - Webcasts – RenewAire has offered to host the next webcast. Topic of the webcast is Enhanced Building Security.
- November 15, 2006, 4 p.m. at The Great Dane Pub in Fitchburg
- Motion to adjourn: Chad Faber
- Second: Robb Stone, Unanimous 4:50 p.m.

7. Next BOG Meeting
ADJOURNMENT

INFORMAIRE

PROGRAM SCHEDULE Submitted By: Gene Nelson

	Topic	Location	Speaker (s)	Theme
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
PRESIDENT-ELECT:	Gene Nelson	(608) 238-1232	(608) 238-2614	gcnelson@aeieng.com
TREASURER:	Tim Meeker	(608) 277-1728	(608) 278-8784	meeker@jdreng.com
SECRETARY:	Robb Stone	(608) 277-1728	(608) 278-8784	stone@jdreng.com
PAST PRESIDENT:	Bruce Kimball	(608) 276-9200	(608) 276-9204	kimball@strang-inc.com
BOARD OF GOVERNORS:	Matt Heil	(608) 833-7000	(608) 833-6996	mheil@henneman.com
	Manus McDevitt	(608) 233-7716		mmcdevitt@sustaineng.com

COMMITTEES:

CRC DELEGATE:	Chad Faber	(608) 225-0322		cafaber@pecllc.com
CRC ALTERNATE:	Gene Nelson	(608) 238-1232	(608) 238-2614	gcnelson@aeieng.com
CTTP:	Mike Gall	(608) 275-7001	(608) 275-7002	MGall@mastershvac.com
GOLF:	Michel Robert	(608) 275-7001	(608) 275-7002	MRobert@mastershvac.com
	Doug Bergmann	(608) 275-7001	(608) 275-7002	DBergmann@mastershvac.com
HISTORIAN:	Jeff Boldt	(608) 223-9600	(608) 233-9601	boldtjg@kjww.com
MEMBERSHIP:	Matt Heil	(608) 833-7000	(608) 833-6996	mheil@henneman.com
NEWSLETTER:	Mark Miller	(608) 835-1944	(866) 422-2290	mark.miller@mail.ashrae.org
PROGRAM:	Gene Nelson	(608) 238-1232	(608) 238-2614	gcnelson@aeieng.com
REFRIGERATION:		(608)	(608)	
RESEARCH PROMOTION:	Al Zeller	(608) 241-9342	(608) 837-0278	azeller@capitolmechanical.com
SCHOLARSHIP:	Mitch Hagens	(608) 241-4328	(608) 241-2710	mhagens@naminc.com
STUDENT ACTIVITIES:	Wayne Prior	(608) 288-8338	(608) 288-8388	prioreng@mcleodusa.net
WEBMASTER:	Zach Obert	(608) 249-9322	(608) 249-0307	zacko@weccusa.org

Advertisers Wanted!

Contact Mark Miller

at

mark.miller@mail.ashrae.org

Ruud Heating & Cooling



Mark F. Miller
District Sales Manager

5600 Old Greenwood Road
Fort Smith, AR 72917-7010

ACI
Automation Components Inc.



Sensors and Transmitters

Michael D. Bollant
Sales Engineer
2305 Pleasant View Road
Middleton, WI 53562

Temperature, Relative Humidity,
Pressure, Gas, and Current

Phone 608-831-2585 Fax 608-831-7407 www.workaci.com

Full Year-**\$80.00**. Half-Year-**\$40.00**

Send a copy of your business card.
We can either scan your business card
or generate a reproduction of it.

ASHRAE Madison Chapter
c/o Temperature Systems, Inc.
P.O. Box 8030
Madison, WI 53708-8030

(Address Correction Requested)

