



INFORMAIRE

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AMERICAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING ENGINEERS

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MAY MEETING

Submitted by: Tim Meeker

- DATE:** MONDAY, May 12th, 2008
- LOCATION:** Aldo Leopold Legacy Center
E13701 Levee Road
Baraboo, WI 53913
- TOPIC:** Tour and Program of the Aldo Leopold Legacy Center

The Aldo Leopold Legacy Center has received Platinum LEED® Certification from the U.S. Green Building Council. Following a rigorous assessment, the Leadership in Energy and Environmental Design (LEED) program awarded the Legacy Center 61 points of 69 possible points, more than any other building yet rated in the world.

The Legacy Center helps us to envision how we can use energy more efficiently and develop positive relationships to other people and the planet. Through energy efficiency, renewable energy, and an ongoing commitment to land stewardship, the Legacy Center became the first carbon neutral building certified by LEED—meaning annual operations account for no net gain in carbon dioxide emissions.

The Legacy Center is a net zero energy building, meeting all of its energy needs on site. Despite the contrasts of Wisconsin's four-season climate, the Legacy Center uses 70 percent less energy than a building built just to code, and the center's roof-mounted solar array is projected to meet 110 percent of the building's energy needs on an annual basis.

Upon arriving at the Legacy Center, we will have a short program/discussion on the design and installation of the building Mechanical Systems. We will follow up our discussion with a tour of the facility.

(See meeting info on next page)

PRESIDENTS MESSAGE

Submitted By: Gene Nelson

It's spring! This time of year is a reminder for us to think "Green". This month's tour of a LEED Platinum project should inspire us all to do more with less. We hope that you take advantage of the bus trip to even further promote "Greening" of our meeting.

I hope you have had time to consider the letter sent out regarding our chapter dues. Please take time to respond if you have not already done so.

The CRC meeting is coming up on May 15-17th. The Board of Governor's has decided to pay mileage for any committee chair wishing to attend the workshops on Saturday, May 17th. Please let Tim Meeker or myself know if you plan to attend. Our CRC Planning committee is looking for any ideas you have and wish to share with other chapters in our region. Our region is also looking for volunteers to serve as Regional committee chairs. Please contact Tim Meeker or myself if you wish to serve in any capacity or have any questions.

Gene Nelson
2007-08 Madison ASHRAE Chapter President
gcnelson@aeieng.com
236-1232

MAY MEETING

Con't

GUIDES: Mr. Bob Eliopolous

Mr. Bob Eliopolous, President of Matrix Mechanical Solutions, the building HVAC and Plumbing systems Engineer will be present along with staff from H&H Industries (installing contractor for HVAC and photovoltaic systems) to act as tour guides and provide detailed information on systems design and installation.

AGENDA:

Meet Bus – <i>(Parking Lot of Madison Marriot West)</i>	4:30 pm
Dinner Bus to Aldo Leopold Legacy Center	4:30 – 5:30 pm
Tour / Program of Facility	5:30 – 7:00 pm
Bus Return to Madison	8:15 pm

The bus will be leaving from the parking lot of the **Madison Marriot West** (1313 John Q Hammonds Drive) **promptly at 4:30 pm**. A box lunch and drink will be served on the bus while in route to the Aldo Leopold Legacy Center.

After our tour and program, the bus will return back to the Madison Marriot West parking lot in Madison.

If you will be traveling separately and do not require bus transportation, you can simply meet us at the Center at 5:30 pm for the tour and program.

Dinner: A box lunch and drink will be served on the bus while in route to the Aldo Leopold Legacy Center.

RSVP: Please RSVP (email) to Tim Meeker at JDR Engineering: meeker@jdreng.com. You can also call at (608) 277-1728, ext 105.

Please RSVP no later than **5 P.M., Wednesday, May 7th**

Current local Members and Students may attend at no cost. The cost for non-members and delinquent paying members is \$30 for the dinner, tour and presentation. This can be paid at the door. Please make checks payable to Madison ASHRAE Chapter.

The Madison Chapter "No Show" Policy: In an effort to control meeting costs, members who fail to show and fail to chance by NOON FRIDAY the week before will be asked to contribute \$30 to recover the meal costs incurred by the Chapter. Checks are to be made out to Madison ASHRAE Chapter and mailed to: Robb Stone, c/o JDR Engineering, 2939 S. Fish Hatchery Road, Suite 100, Madison, WI 53711.

MEETING MINUTES

Submitted By: Matt Heil

The meeting minutes did not make the deadline for this newsletter. Look for them in next month's INFORMARIE.

Thanks.

GOLF OUTING

Submitted By: Michel Robert

The spring thaw is finally upon us and we are confidently putting our snow removal tools away, allowing us to pull out the golf clubs. Our exercise routines are coming into swing and we are preparing for our first round of Wisconsin golf for 2008. Therefore, we must begin thinking about the **Madison Chapter Golf Outing**. The date is different than our event calendar had noted, so update your calendars for **June 30th** at Stoughton Country Club. The format remains the same as does the fun.

Plan your foursomes and use the attached documents to post as well as submit your reservations.

Sponsors are welcomed for golf holes, beverages and raffle prizes. Contact me at MRobert@MastersHVAC.com or (608) 275-7011 for more information.

GAME

Submitted By: Sharon Gould

This year has been first year of the GAME committee for the Madison ASHRAE chapter. We tried some new ideas to make the effort to green up our meetings. We started with looking into central locations for meetings, had events in LEED certified buildings, had topics that covered energy efficiency, will tour a facility in which the design goal is to have the first net zero energy building in Wisconsin. We encouraged carpooling, or taking a tour bus, for the biggest carpool of all. We have looked into donating extra food to homeless shelters and centralizing locations based on the meeting attendance. We will continue to expand these efforts into the future. We covered these topics in the monthly INFORMAIRE, as well.

As time moves forward, this effort will become simpler and more mainstream. There will be more LEED buildings in Madison and more businesses catering to sustainable practices. I have noticed there seem to be more and more events around town that support green construction, LEED and how to do build that way cost effectively. It is mind boggling how many events there were the last few weeks, following the themes of earth day and energy efficiency. It is my opinion that this is just beginning; as experience continues to develop, and products become cheaper. How exciting!

As an ASHRAE Chapter, we take the ASHRAE challenge to green up our meetings and the responsibility of our indoor and outdoor environments seriously.

REGION VI CRC

Submitted By: Benjamin Skelton

Region VI Chapter Regional Conference

hosted by the Illinois Chapter of ASHRAE

The 2008 CRC will be held May 15, 16 & 17th at the Eaglewood Resort and Spa in Itasca, Illinois. The resort is conveniently located 35 minutes West of Chicago directly off of I-355 and I-290 and only 20 minutes from Chicago O'Hare International Airport.

The Friday technical focus for the conference will be the Design of Geothermal Heat Pump Systems for Commercial and Institutional Buildings presented by industry expert Dr. **Steve Kavanaugh**. Dr. **Kavanaugh** is a Professor of Mechanical Engineering at the University of Alabama. He has been involved in ground source heat pump research and development for 20 years. The technical session emphasis will be focused on providing practical design knowledge. Professional development hours are available for this presentation. An optional nine-hole golf event will follow and we'll cap off the day with dinner. Regional business meetings will kickoff Thursday afternoon and conclude Saturday afternoon. Chapter training seminars will be held Saturday morning followed by the Awards Luncheon.

Registration is now open on our website <http://crc.ashrae6.org>. Hotel rooms may be booked at a rate of \$140/night through Eaglewood Resort, please contact them at (877) 285-6150 and mention you will be attending the ASHRAE Regional Conference. If you have questions please email crc@ashrae6.org or contact conference Chair Mark Hegberg, mark.hegberg@itt.com or (847) 983-5708.

REGION VI CRC

Submitted By: Benjamin Skelton

We would like to congratulate **Randy Wright** as our new ASHRAE member. In addition we would like to welcome (17) new student members: **Zachary Lamoreux, Julie Landphler, Heather Cayan, Andrew Luty, Cameron Klein, Marc Claas, Skeets Sammerfeldt, Kim Friebel, Christopher Troy, Aaron Kulinski, Nicholas Aplin, Joseph Fieger, Francis Langer, Brad Bauer, Nicki Mours, Erin Stender, and Jeff Reinholtz**. Please help us to make them feel welcome to our organization.

As always, we are continuing to update member's information. If your information has changed (for example: emails, work place, address, phone number, etc.), please either contact us or you can change it online. To change your information online go to <http://www.ashrae.org>, go to the "Members Tab" at the top left, click on "Manage Membership", and finally click "Address Change" in the center of the page. This will lead you to the link and you can update your information. Once again, if you send us your updated information, we are happy to take care of this for you, but we ask that you provide us with your member number, as we find that the process is accelerated when dealing with customer service.

Applications for new members can be filled out on line at <http://www.ashrae.org>, or I would be happy to email you an application. If you sign up online be sure to select the "Madison" ASHRAE chapter so you are assigned to the correct local chapter. If you know of anyone not receiving the Monthly INFORMAIRE please contact **Mark Miller** to be placed on the email distribution list.

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MADISON ASHRAE CONTACTS

OFFICERS:

PRESIDENT:	Gene Nelson
PRESIDENT-ELECT:	Tim Meeker
TREASURER:	Robb Stone
SECRETARY:	Matt Heil
PAST PRESIDENT:	Chad Faber
BOARD OF GOVERNORS:	Mike Gall Manus McDevitt

COMMITTEES:

CRC DELEGATE:	Chad Faber
CRC ALTERNATE:	Gene Nelson
CTTC:	Brian Basken
PROGRAM:	Tim Meeker
GAME	Sharon Gould
REFRIGERATION:	Tom Riley
GOLF:	Michel Robert Doug Bergmann
HISTORIAN:	Fran Scholl
MEMBERSHIP:	Dan Bergmann
NEWSLETTER:	Mark Miller
RESEARCH PROMOTION:	Chad Faber
SCHOLARSHIP:	Mitch Hagens
STUDENT ACTIVITIES:	Wayne Prior
WEBMASTER:	Zach Obert

PROGRAM SCHEDULE

	Topic	Location	Speaker (s)	Theme
Sep 10	USGBA and LEED Certified Construction	WECC Headquarters	Zack Obert Chuck Sasso	
Oct 8	ASHRAE Research and UW Madison	Best Western InnTowner	Dr. Shedd	Student Activities & RP
Nov 12	Managing Your Energy – A Sustainable Activity	Coliseum Bar	Dick Pearson	Membership
Dec 3	State of Wisconsin Building Code Update	Quality Inn & Suites	Randy Dahman	Past Presidents
Jan 14	Submicron Water Filtration for HVAC Applications	Coliseum Bar	John Menz	
Feb 11	Round Table Discussion	Nakoma Country Club	Joint Meeting with Madison Area Cont Assc.	Membership Promotion
Mar 10	The Art of Refrigeration	Master Building Solutions	Tom Riley	Refrigeration Night
Apr 14	Dispute Resolution	Quality Inn & Suites Fitchburg	Carl A. Sinderbrand	
May 12	Aldo Leopold Legacy Center	Baraboo, WI	Mr. Bob Eliopolous	
Jun 30	Golf Outing	Stoughton Country Club		Social

ASHRAE Madison Chapter
 c/o Newsletter Editor
 124 Harvest Circle
 Oregon, WI 53575

(Address Correction Requested)

