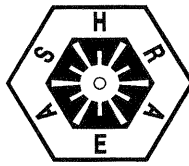


THE BADGERAIRE

AMERICAN SOCIETY OF HEATING, REFRIGERATING, AND AIR CONDITIONING ENGINEERS, INC.

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A PUBLICATION OF THE WISCONSIN CHAPTER OF ASHRAE

Volume Number 2007/8-VIII – April, 2008

April 17, 2008 Program: Leadership in Energy & Environmental Design (LEED) Process

This month's meeting will focus on the Leadership in Energy and Environmental Design (LEED) process for design of sustainable projects. The presentation will be led by Korinne Haeffel, LEED AP, CDT from The Kubala Washatko Architects. Korinne is a green building specialist and has been involved with sustainable design on many projects, including a number of projects in the Milwaukee area. Topics covered will include integrated design concepts, coordination among team members and the submittal process. The meeting format will allow for audience involvement throughout the presentation, so please bring your questions to this great opportunity to find out more about the LEED process in design and construction.

Program Date: Thursday, April 17, 2008

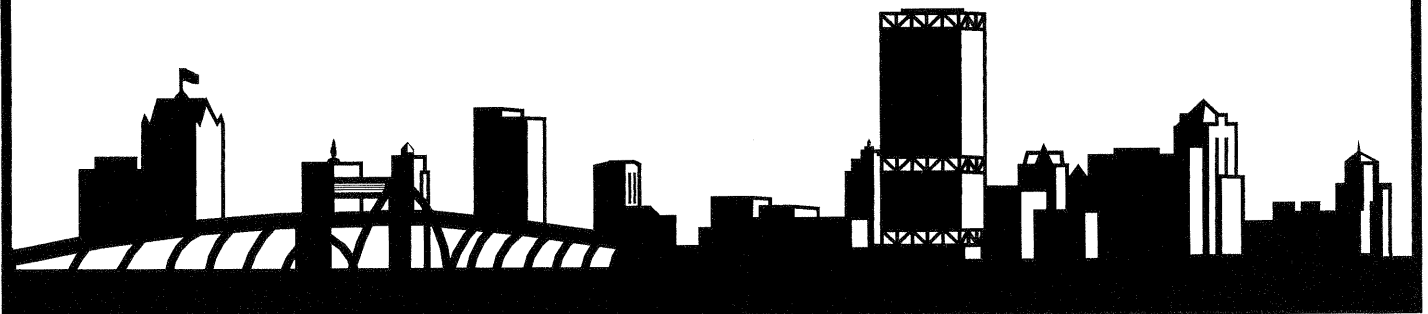
Program Location: Alioto's 3041 N Mayfair Road, Wauwatosa, WI

Registration & Cocktails: 4:30 pm - 5:30 pm

Program Time: 5:30 pm - 6:30 pm

Dinner to Follow

Prices: The program cost is \$20 for non-members. There is no cost for local Wisconsin Chapter ASHRAE members. Checks should be made payable to the "Wisconsin Chapter of ASHRAE."



From the President's Desk
By David Grassl

Happy April everyone! I think spring is almost here; we were so close until that last snow storm. As discussed in the last newsletter, our ASHRAE year is quickly coming to an end, so we are looking to finish the year strong. With two meetings left we hope you can find time in your schedule to make at least one of our final events. In March we had another well attended and informational program as Hugh Crowther from McQuay explained to us the most effective methods to optimize our chilled water plants. Variable flow and condenser water relief were at the top of the list of energy savings techniques mentioned by Hugh.

As the year is coming to an end, another large event is going on within our region in addition to our local meetings. Region VI every year has a Chapter Regional Conference or CRC where delegates from each chapter in the region discuss the year's events and successes or changes they have made over the year. This year the CRC will be in Chicago from May 15th to May 17th. At this meeting we have the opportunity to bring issues to the table that our Chapter may see as items that need to be changed; it is our chance to have our voices heard. With that, I would like to extend the offer to our Chapter to relay any concerns or issues that you believe should be examined by our Region or ASHRAE at the national level. As well as meetings for board members, there are also technical sessions for other members, so the event is open to all ASHRAE members. Since the event is not too far away again this year, hopefully we can have another strong turnout from the Wisconsin Chapter.

Finally, we are brainstorming meeting topics as we begin planning for next year. If you have any topics or tours that you would like to see at one of our meetings next year please let me

know. I look forward to seeing you at our next meeting!

The Wisconsin Chapter Defined
By Brant Holeman, Membership Chair

Who is "Wisconsin ASHRAE"? At the start of this year I asked that very question and the results of my digging were included in our November newsletter. We started this Society year with 393 members and as of March we're up to 416. I'm happy to report that many of the newly joined members are students.

I recently did some research on the composition of our chapter. I wanted to gain some insight into who we are. This kind of perspective helps us pick speakers for meetings, plan presentations and generally determine what it is you, our members, want to know more about.

First, I sorted our entire membership roster by industry type. This is one of the many fields you complete on your application form; online or on paper. Some industry types include: contractors, facility managers, manufacturers, etc.

Second, for the sake of simplifying the results, I combined similar industry types that ASHRAE allows members to choose from. Groups like "architect/architectural and engineering services" and "consulting engineering services" were combined into one group.

Next, I addressed numerous blanks in the roster. Similar to other optional information, members don't always declare an industry type. I assigned industry types as best I could using members' titles and contact information, but even this detective work couldn't solve every mystery and a little over fifty members are still considered unknown. I should also note that I assigned industries to people based on more than just the name of the company where they work. Just because you work at Johnson

Controls for example does not mean that you're in consulting nor sales nor a manufacturer. If I couldn't adequately determine an industry, then I declared that individual unknown.

After the roster was complete, I was able to determine the current composition of our chapter. Here are the fruits of my labor:

First on the list: Architects, architectural and engineering services and consultants. The next up: Vendors and manufacturers of HVAC equipment. Then contractors, engineering sales firms which include manufacturer's representatives and sales engineering firms, students, facility managers/building owners and so on and so forth.

I can't say that I'm entirely surprised by the results of this exercise and perhaps you aren't either. This is useful because it shows that there are a few groups with interests and experience that aren't as well represented as others.

Personally, I would like to see more people involved with the maintenance and operation of buildings join and share their wisdom with us and allow us to return the favor. As a designer, I would love to have greater access to building owners and end users. The feedback I have received from clients on my projects is invaluable and helps me better address the needs of the people I work for. The relationship is mutually beneficial. Isn't that what we're all about? Building better buildings?

-Brant Holeman, Membership Promotion Chair

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Miller Brewing Company

If you are in search of a truly outstanding employment experience, there's never been a better time to join Miller Brewing Company. Miller Brewing Company has several exciting Utilities/Maintenance opportunities in our Milwaukee, WI; Eden, NC; and Fort Worth, Texas Breweries. Join us and contribute your talent to a team whose mission is to deliver the best beer in the world!

Miller Brewing is currently seeking experienced Utilities Supervisors and Planners for our Brewery Operations in Milwaukee, WI, Eden, NC, and Fort Worth, TX. This particular position is in the Utilities functional area of the Technical Services Department. Among other items, the successful applicants for the position will be expected to do the following: Provide leadership, coaching and technical expertise to support WCM maintenance practices. Direct the operation and maintenance of all Utilities/Facilities support equipment and services supplied to the Brewery, including ammonia refrigeration, compressed air, carbon dioxide, water, steam, HVAC, high voltage electrical, sewer and natural gas systems, elevator maintenance, fire protection systems, exterior lighting, non-production lighting, plumbing, non-production overhead doors, and automatic gates. Basic utilities experience is preferred. Ensure the development and implementation of an effective Utilities Maintenance Program to provide uninterrupted services to the plant, utilizing Maximo and Miller Maintenance Systems. Actively promote safety and accident prevention, EEO and Affirmative Action Awareness within the Utilities area. Provide timely submission of capital and operating budgets and ongoing review and control of these budgets as they are implemented. Cooperate with Corporate and Plant personnel in improving the brewery's operating efficiency by ensuring close coordination in solving operational problems either by assisting in new system start-ups affecting utility services, or by participating in research and information gathering in support of proposed projects or programs intended to improve operations. Seek out and develop a high level of trust and cooperation between union and management personnel, striving for mutual

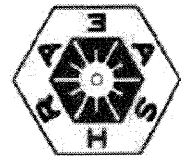
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respect, and an active, shared concern for improving operations together. Coordinate craft employees from unions and departments other than Utilities when such employees are performing maintenance on utility/facility equipment. +

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WAUWATOSA, WI 53093-0643



Upcoming Meetings-Mark Your Calendars!

MEETING DATE / THEMES	LOCATION	TOPIC	SPEAKER
Thursday, May 15, 5 PM	Schlitz Audubon Nature Center	Tour	