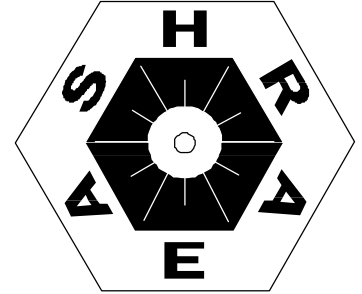
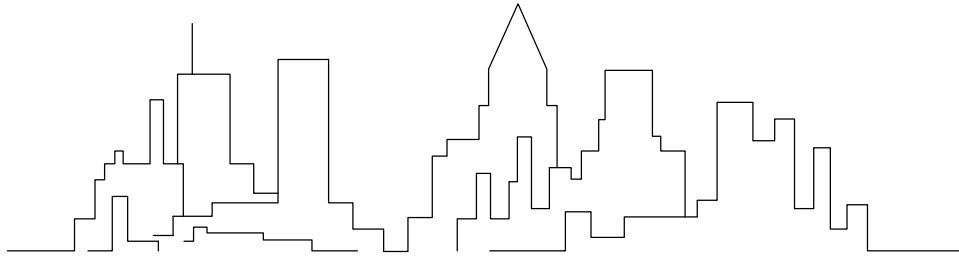


# The EXCHANGER



## Minnesota Chapter

[www.mnashrae.org](http://www.mnashrae.org)

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

*c/o Karges-Falconbridge Inc., 670 County Road B, Saint Paul, MN 55113*

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| Dunwoody Faculty Advisor                | Chuck Taft    | 612-374-5267 | <a href="mailto:cqtaft@peoplepc.com">cqtaft@peoplepc.com</a> |
| Minnesota State Faculty Advisor         | Patrick Tebbe | 507-389-6383 |  |

## Presidents Corner

Submitted by Brian Shablow,

Dear Constituents,

I trust all gave thanks for community and family while preparing and indulging together your favorite morsels for the Happy Thanksgiving Holiday.

A special thanks to Adrienne Thomle of Honeywell for TC 7.6 and TC 9.5; and Hugh Crowther and Carol Marriott of McQuay International for information on Standards Committee.

It was quite evident how important our Research Promotion contributions are needed to address the necessary research required of Technical and Standards Committees. There are many ways to contribute and if you have any questions please contact our Chair person Duane Rothstein ([duane.rothstein@mcquay.com](mailto:duane.rothstein@mcquay.com)).

You must checkout the mechanical equipment versus LEED NC points matrix under the Green Product Directory link on our web page. A special thanks to Leighton Deer and MASDeC.

You can't miss the 2007 Sustainability Seminar – “Existing Buildings – Getting and Keeping them Green”. Topics include Global Climate Change, Future of MN Energy, Building Commissioning, and LEED-EB (Existing Building) energy performance improvements.

Perhaps try our online registration and credit card payment! Our Treasurer and Regional Vice Chair (RVC) of ECC has worked together to provide a more convenient method of registering for meetings and seminars.

### ASHRAE 101:

ASHRAE, founded in 1894, is an international organization of 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.

### **ASHRAE Mission**

To advance the arts and sciences of heating, ventilating, air conditioning and refrigerating to serve humanity and promote a sustainable world.

### **ASHRAE Vision**

ASHRAE will be the global leader, the foremost source of technical and educational information, and the primary provider of opportunity for

professional growth in the arts and sciences of heating, ventilating, air conditioning and refrigerating.

### **ASHRAE Core Values**

#### **Advancement**

We are committed to the advancement of the arts and sciences of HVAC&R for the benefit of society through research, technology development and transfer, and education and training.

#### **Leadership**

We are committed to providing leadership within our industry, and developing leadership qualities in our members.

#### **Integrity**

We are committed to honesty in the practice of our profession as embodied in the ASHREA Code of Ethics.

#### **Service**

We are committed to service to our members and to the public.

#### **Excellence**

We are committed to the achievement of technical quality and excellence in our programs, publications, courses and other

I hope all are well, doing good work, and keeping in touch via [www.mnashrae.org](http://www.mnashrae.org) !

## **Chapter Information**

# **No More Paper Exchangers**

As mentioned in the previous Exchanger, we will no longer be mailing out the Exchanger newsletters. This is being done for both cost and sustainability reasons. This shift to electronic only distribution will save money that can be put to better use throughout the chapter. Not publishing the Exchanger will also keep with ASHRAE's emphasis on sustainability. You will still occasionally receive mailings for various functions but not Exchangers. The Exchanger will be exclusively available online at our chapter web site of [www.mnashrae.org](http://www.mnashrae.org). The board believes this is a more efficient and quicker

method of disseminating information. Shifting to this type of communications has been successfully implemented by many different organizations.

### **Green Product Directory Released Submitted by Leighton Deer**

In the spirit of ASHRAE's commitment to sustainability, MASDeC (the Minnesota ASHRAE Sustainable Design Committee) has developed a Green Product directory for those members interested in products and services that may be used to support sustainable and environmental design. Over 100 products are listed with information and links explaining how the product may save energy, reduce water usage, and improve indoor air quality. You can find the link on the main MN ASHRAE website or go directly to the product directory by clicking here: [http://www.mnashrae.org/green\\_product\\_directory.html](http://www.mnashrae.org/green_product_directory.html)

The Green Product Directory was developed with the help of regional sales representatives to create a directory designed to educate and promote products that meet MASDeC's mission to advance energy and environmental performance of buildings through creation, exchange, and application of timely information about the art and science of heating, ventilation, air conditioning, and refrigeration (HVAC-R). LEED-NC Version 2.2 - the most widely accepted measurement of sustainable design, the Whole Building Design Guide, the MN Sustainable Design Guide, and Green Globes were used as the directory framework. While the directory listings are to be used as a valuable resource for sustainable engineering design, it is for informational purposes only and does not imply any endorsement by the MASDeC committee, ASHRAE, or any sustainable design rating systems.

MASDeC would like to thank all those who helped with the creation of the Green Product Directory and is looking forward to the continued development of the directory as the building industry moves toward innovative and environmental building performance. If you have questions regarding the Green Product Directory or would like to submit products for review, please email [GreenProductDirectory@mnashrae.org](mailto:GreenProductDirectory@mnashrae.org) and someone from the MASDeC committee will get back to you shortly.

### **Technology Award Applications**

Submitted by Tim Manz and Todd Gray  
CTTC Co-Chairs

The Chapter Technology Transfer Committee (CTTC) of the Minnesota Chapter of ASHRAE has announced that Technology Award Applications are due on **Monday, February 4, 2008**. The Technology Award recognizes

ASHRAE members and projects that utilize innovative HVAC/R systems in both new buildings and existing buildings. Each year the Society presents awards in seven categories: Commercial Buildings, Institutional Buildings, Health Care Facilities, Industrial Facilities or Processes, Public Assembly Facilities, Residential Buildings, and Alternative or Renewable Energy Use. Following is a link to the ASHRAE website that contains specific information on the application process (just scroll down to the Technology Awards Program):

[www.ashrae.org/cttc](http://www.ashrae.org/cttc)

Don't be overwhelmed by the application process, even if you have never submitted an application before! The application is basically a 2 or 3 page description of the project (short form), and if the project wins an award at regional level, a more complete submittal (long form) is required for the project to be forwarded to Society. If you have any questions, please don't hesitate to contact Tim Manz or Todd Gray.

Also, don't forget that the winner at the chapter level receives \$100 and will have his/her application submitted to the regional level for additional award considerations!

Tim Manz  
[manzx003@umn.edu](mailto:manzx003@umn.edu)  
(612) 624-9082

Todd Gray  
[tgray@albersco.com](mailto:tgray@albersco.com)  
(651) 265-0630

## **RESEARCH PROMOTION Update**

### **Submitted by Duane Rothstein**

In the November issue of the Exchange, our president Brian Shablow put a quick plug in for Research Promotion. Thanks Brian! I would like to expand on his message and use the exchanger to update you monthly on the progress the Research Promotion Committee is making.

Every year the MN Chapter, your Chapter, has worked hard and been very successful at attaining their RP goal. We are continuously looking for help with the RP committee and contributions from our members and companies. So, if you can spare a total of one hour for one week out of the year to help with a calling campaign or would simply like to make a financial contribution, please contact me at [duane.rothstein@mcquay.com](mailto:duane.rothstein@mcquay.com).

For the 2007-2008 RP campaign, Society has determined a goal of \$38,000 for the Minnesota Chapter. Currently, as of the end of October, we have attained \$3,226 or 8.2% of our goal. By the end of this year, the milestone is to achieve 30% of our yearly goal. I believe we can do this and to help, we

have a calling campaign scheduled in November. I will update you on its success in next month's issue of the Exchanger.

I would like to personally thank and recognize the following individuals and organizations who have contributed to this year's campaign. If you run into these people, please tell them "Thank You!" for their contribution.

|                     |                    |                      |
|---------------------|--------------------|----------------------|
| Thomas Olson        | Roy Earl           | Todd Courneya        |
| Xcel Energy         | C. A. Wilcken, Jr. | John Clark           |
| Dr. Curtis Pedersen | Philip Dugan       | John Rieke           |
| Jay Eldridge        | Robert Linder      | Martha Hewett        |
| Joseph Senden       | Daniel Dickenson   | James Foster         |
| Curtis Ratajczak    | Mason Myers        | Ned Rector           |
| Donald Geng         | Hugh Crowther      | John Janssen         |
| Brian Shablow       | Harold Manthey     | Louis Flagg Memorial |
| Thomas McNamara     | Gary Grenzer       | Craig Johnson        |
| Scott Rollings      | James Keller       | Sommayajula Sarma    |
|                     |                    | James Douglas        |

Again, many thanks to the above individuals and organizations to help ASHRAE fulfill its mission to advance the arts and sciences of HVAC&R to serve humanity and promote a sustainable world through RESEARCH

**Society Information**

**AHR Expo Days Change**

The upcoming AHR Exposition in New York City is not on the traditional Monday – Wednesday. This time the expo will be Tuesday –Thursday. The actual dates are: January 22<sup>nd</sup>, 23<sup>rd</sup> and 24<sup>th</sup>, 2008. Check out [www.ahrexpo.com](http://www.ahrexpo.com) for more details.

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## Meeting Notice – Tuesday, January 8th, 2008 (Lunch Meeting)

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### *ASHRAE Society President Kent Peterson presents the “Quest for Sustainability”*

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#### Sub-Topic: History

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#### **DoubleTree Hotel Park Place**

1500 Park Place Blvd  
Minneapolis, MN 55416  
952-542-8600

12:00 – 12:15 pm:  
Social “Hour”

12:15 – 12:30 pm:  
Business Meeting

12:30 – 1:30 pm:  
Presentation/Q & A

**Kent W. Peterson, P.E.**, Fellow ASHRAE, is vice president and chief engineer of P2S Engineering Inc., Long Beach, CA. As ASHRAE’s president, Mr. Peterson directs the Society’s Board of Directors and oversees the Executive Committee. Through his theme, ***Greater Efficiency Today, Blue Skies Tomorrow***, Mr. Peterson emphasizes innovation in the quest for sustainability in the built environment. He notes that “energy efficiency should

always be the elegant alternative to fuel consumption.” As such, he encourages ASHRAE members and the industry to be more innovative in their thinking, more daring in their creativity, and more dedicated to their pursuit of best practices that will dramatically improve building energy performance.

**Cost:** The cost of the lunch and program is **\$35.00** when reserved in advance, however student members are **FREE**. Without an advance reservation, the cost is **\$50.00**.

**Registration:**

1. Website at [www.mnashrae.org](http://www.mnashrae.org) by **January 4, 2008** (and pay by credit card!) or
2. Email Mark Muhlstein at [mark@mmstwincities.com](mailto:mark@mmstwincities.com) or
3. Mail your check in advance to: **MN Chapter of ASHRAE**  
c/o Mark Muhlstein, 5831 Cedar Lake Road, Minneapolis, MN 55416

Note: **NO SHOWS** will be billed for the meeting, so plan accordingly.

**Membership Drive:** If you are a member of ASHRAE who has paid chapter dues and you bring a guest, you both get **FREE** registration (a \$70 value). Register by sending an email to Mark Muhlstein at [mark@mmstwincities.com](mailto:mark@mmstwincities.com) and specify “**Membership Drive**” in the email.

## Upcoming Events

### Minnesota Chapter Meeting & Event Calendar

#### October 9th, 2007 Dinner

Meeting Topic: Tour — Energy High Bridge  
Plant — Tour at 5 pm — Dinner at 6:30

-Sub Topic Student Night

#### October 31st, 2007 Seminar

Joint Venture w/ AEE — 7 Seminars and  
Product Show

#### November 13th, 2007 Lunch

Technical Committee Review

—Sub Topic Research Promotion

#### December 11th, 2007 Seminar

Meeting Topic: MASDeC

—Sub Topic Membership

#### January 8th, 2008 Lunch

Meeting Topic: To Be Determined

-Sub Topic - History

#### February 12th, 2008 Seminar

Refrigeration Seminar

#### March 17th, 2008 Lunch

Meeting Topic: To be determined

#### April 8th, 2008 Seminar

Meeting Topic: Education Seminar

#### May 13th, 2008 Lunch

General Business Meeting

-Sub-topic: Installation of Officers/Past  
Presidents Day/History

#### June 9th, 2006

Golf Outing

### Northern Lights Chapter

To Be Announced

### Rochester Section Schedule

To Be Announced

### ASPE Meeting Schedule

<http://www.aspe.org/Minnesota/>

The Chapters meet's on the [3rd Wednesday](#)  
of every month  
@ 11:30 am -

**Cedars Hall**  
**602 University Ave. NE**  
**Mpls. MN 55413**

Details To Be Announced



## Professional Directory



Energy Efficient Resources  
PO Box 49813  
3140 104th Lane  
Blaine, MN 55449

Providing  
High Efficiency  
HVAC Systems  
MN, ND, SD & WI

Phone: 763-786-3700  
Fax: 763-398-3915  
Web-Site: [www.eerhvac.com](http://www.eerhvac.com)

ClimateMaster, ClimateCraft, Chandler, DesChamps Technologies, Hays Fluid Control  
E-Tech, VTAC, HeatCraft, USA Coil and Air, M&I, RenewAire and Williams Comfort

**2007-08 Student Dinners  
Graciously Sponsored by:**

TO BE DETERMINED!

Space for Rent

Space for Rent

**Publication Deadline for the  
Next Exchanger; December 28th, 2007**

**All submissions must be in electronic format and should be emailed to the  
Editor: Daniel Chudecke – [dchudecke@mulcahyco.com](mailto:dchudecke@mulcahyco.com)**

**ñ ñ Society and/or Chapter dues Paid?**

First **Yes/No** on Mailing Label = Society Dues

Second **Yes/No** on Mailing Label = Chapter Dues

**Included: January Meeting Notice**