

ASHRAE Rochester

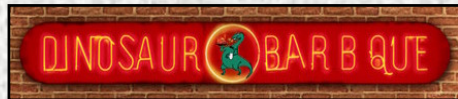


VOLUME 3, ISSUE 9

MAY 6, 2009

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ASHRAE Picnic and Golf Outing

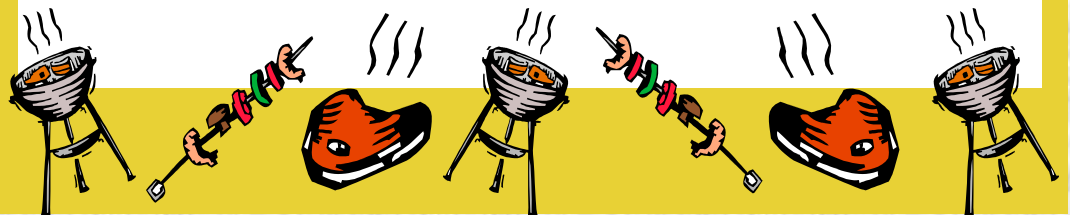
Date: Tuesday, May 19th

Place: Ravenwood Golf Club

929 Lynaugh Road, Victor

Catered by: Dinosaur BBQ

...see pages 6 & 7 for all of the details.



Chapter Officers



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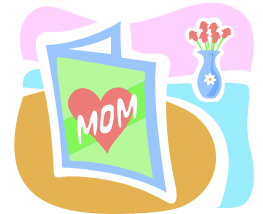
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Attendance & Reception

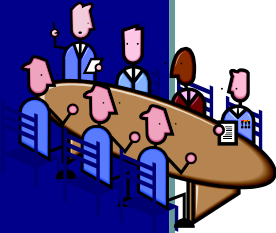
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ASHRAE Region I Executive Committee

2008-2009



DRC—Director & Regional Chair:	Garry Myers, Flack & Kurtz Inc. Ph: 212-951-2815 Garry.Myers@wspfk.com
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Nominating Committee Member:	Emery Otruba, P.E. Ph: 518-686-4436 eotruba@verizon.net
Nominating Committee Alternate:	Cliff Konitz Ph: 845-297-5864 c.konitz@verizon.net
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RVC Research Promotion:	Ron Swarthout Ph: 607-754-7590 rswarhou@cs.com
RVC Chapter Technology Transfer:	Lee Loomis, Center for Environmental Info. Ph: 585-738-3079 leeloom@aol.com
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Regional Refrigeration Chair:	Position vacant
Regional Historian:	Phil Knowlton, Knowlton Associates Ph: 860-642-3970 pbknowlton@comcast.net
Regional Electronics Communication Chair, & Newsletter Judge:	Heather Nowakowski, Roswell Park Cancer Inst Ph: 716-845-8144 Heather.nowakowski@roswellpark.org

President's Message by: Joseph Van Cura



Welcome to Spring time in Rochester. Hopefully we have seen the last snow-fall.

The April meeting "Refrigeration Night" was a huge success thanks to the hospitality of the Blue Cross Arena. It is not very often that we get the opportunity to go behind the scene and just how they maintain the ice and environment around it.

Thanks go out to Mike Nohle for putting together a very informative tour.

The 2009 calendar year for ASHRAE is winding down with just a few more events on the horizon. Please be sure to support the following:

- ASHRAE Golf and Picnic, Tuesday May 19th 2009. Sign up and bring a friend.
- ASHRAE sponsored tour of George Eastman House, Wednesday June 10th at 5:30. Free tickets available

In closing I would again like to thank the Board of Governors, without which this great organization would not function. It is and has been a pleasure serving such a fine organization. Thank you for the opportunity.

If anyone is interested in getting involved, please do not hesitate to contact me at jvc@rpfedder.com or anyone on the Board of Governors.

Joseph Van Cura, 2008-2009 President

Mission Statement

ASHRAE will advance the arts and sciences of heating, ventilation, air conditioning, refrigeration and related human factors to serve the evolving needs of the public and ASHRAE members.



"Advancing HVAC&R to serve humanity and promote a sustainable world"

Vision Statement

- will be the global leader in the arts and sciences of heating, ventilation, air conditioning and refrigeration.

- will be the foremost, authoritative, timely and responsive source of technical and educational information, standards and guidelines.

- will be the primary provider of opportunity for professional growth, recognizing and adapting to changing demographics, and

Student Activities



Student Activities

This month we have students that are graduating from Rochester Institute of Technology that are looking for HVAC specific and HVAC related jobs both in the Rochester and Syracuse area. Please contact Al Rodgers at 585-325-6004 x108 or email: arodgers@pathfinderengineers.com

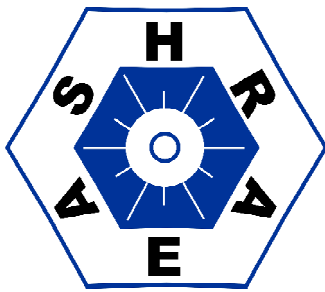
Al Rodgers, 2008-2009 Student Activities Chair

“Go Green” at the George Eastman House Wednesday, June 10th, 2009 at 5:30 pm

The Eastman House has upgraded to a new HVAC energy efficient power plant. In bringing all the agencies together (ASHRE, BOMA, IFMA, AFE, UGBN and RBS), you will see how the Eastman House has updated their operations to conform to the 21st Century. There will be tours, Vendor tables, discussions, etc.

Free admission tickets will be available to those who wish to attend, along with food and drink. If you have any questions, please call Mike Viggiani (Facilities Manager) at 271-3361 ext. 208 or Carolyn McIntosh at 271-3361 ext.277.





TUESDAY, MAY 19, 2009

Combined ASHRAE Golf Tournament/Picnic
NEW LOCATION: The Entire Event to be held at
Ravenwood Golf Course

Reservation Deadline is... **May 11, 2009**
 (There is a limited amount of tickets this year on a first come basis)

		
<p>Ravenwood Golf Course 929 Lynaugh Road Victor, NY 14564</p> <p>11:00 AM - 5:00 PM - Golf</p>	<p><u>Dinner:</u> 5:00 PM - 8:00 PM Catered By: Dinosaur Barbeque at Ravenwood Golf Course</p> 	<p>Four Man Scramble and Optional Skins Game.</p> <p><u>Golf includes:</u></p> <ul style="list-style-type: none"> ➤ Golf ➤ Cart ➤ Driving Range ➤ Prizes ➤ On course beverages and food at the turn

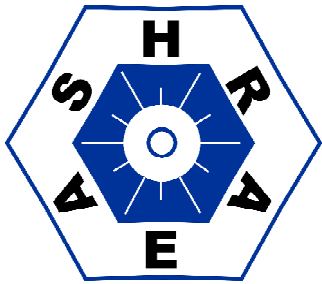
**NO TICKETS WILL BE SOLD OR DISTRIBUTED AT THE DOOR! RES HAS THE TICKETS THIS YEAR.
 TICKETS WILL BE MAILED TO YOU OR CAN BE PICKED UP AT THE
 ROCHESTER ENGINEERING SOCIETY.**

**Please include check and make payable to:
 "ASHRAE – Rochester Chapter"**

Return this form....
 Mail prior to **May 11, 2009** to:
 Attention: Reservation Clerk
 Rochester Engineering Society
 150 State Street
 Rochester, New York 14614
Any questions, call (585) 254-2350
Email: res@frontiernet.net

Address where you would like your picnic tickets sent to:
 Company: _____
 Contact Name: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone: (Work) _____ (Home) _____

Ticket Request Form			
Event	Fee Amount	No. Attending	Total
Golf	\$80.00		\$
Picnic	\$40.00		\$
OR:			
Golf and Picnic (SAVE \$10.00)	\$110.00		\$
Total amount enclosed:			\$



2009 ASHRAE PICNIC SPONSORSHIP FORM

Tuesday, May 19, 2009

		
<p>Ravenwood Golf Course 929 Lynaugh Road Victor, NY 14564</p> <p>11:00 AM - 5:00 PM - Golf</p>	<p><u>Dinner:</u> 5:00 PM - 8:00 PM Catered By: Dinosaur Barbeque at Ravenwood Golf Course</p> 	<p><i>Four Man Scramble and Optional Skins Game.</i></p> <p><u>Golf includes:</u></p> <ul style="list-style-type: none"> ➤ Golf ➤ Cart ➤ Driving Range ➤ Prizes ➤ On course beverages and food at the turn

*Please include check (on notes put what
sponsorship you made)
and make payable to:
ASHRAE Rochester Chapter
and mail to:*

Attention: Mr. Joseph Pennise
R.P. Fedder Corporation
740 Driving Park Ave.
Rochester, New York 14613

*Any questions, call Joe at (585) 288-1600 ext. 109
Email: joep@rpfedder.com*

Please fill out info so we can **correctly recognize you or
your Company:**

Company Name: _____

OR

Individual Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: (Work) _____ (Home) _____

Sponsorship Form

Sponsorship Name	<i>X here for your Sponsorship</i>	Sponsorship Amt.
Gold - \$250.00 - Hole Sponsorship and Recognition at Picnic		\$250.00
Silver - \$150.00 - Hole Sponsorship		\$150.00
Bronze - \$100.00 - Recognition at Picnic		\$100.00
Prize Sponsor - \$175.00 - Longest Drive		\$175.00
Prize Sponsor - \$175.00 - Closest to Pin		\$175.00
Total Check Amount:		



Your technical training provider presents

Air Conditioning Fundamentals 2009

Target Audience: Any engineer, designer, technician, or assistant who wants to broaden their base in the fundamentals, will greatly benefit from this training.

Primary Benefit: Students will enjoy learning as much practical knowledge as possible about Air Conditioning Fundamentals. Students won't waste a great deal of time in theory. The typical student can immediately apply what he/she learns. Past attendees have boosted their overall confidence and found many ways to apply their recently acquired knowledge.

2009 Course Offering (Rochester, NY): (This class is 3-days; Tuesday – Thursday)

1. [] May 12-14 'Product Fundamentals- II' (more in-depth look at AHU, WSHP, RTU, Compressor Technologies)
2. [] Jun 9-11 'Airside Fundamentals- I' (Load Design and Psychrometrics)
3. [] Jul 14-16 'Airside Fundamentals- II' (Duct Design, Fans & Fan Laws, Acoustics and IAQ)
4. [] Aug 11-13 'Systems Fundamentals' (HVAC Systems, Ice Storage, Heat Recovery, etc...)

Note: For more information about each of these classes, log onto BeckerLearning.com

Registration Deadline: Each course will be filled on a first-come-first-reserved basis.

Payment Deadline: Complete Payment must be received prior to the start of the class.

Contact: Joe Becker, Becker Learning / 5980 Sheppard Road / Dansville, NY 14437
Phone: (585) 317-0000 Email: BeckerLearning@yahoo.com

More Details for 3- day courses:

Where: The specific Henrietta, NY location will be decided at least 30-days before the class & all attendees will be emailed all appropriate information in time to make hotel reservations.

Food: Lunch, mid-morning and mid-afternoon snacks & drinks are provided.

What is not included: Transportation, other meals & lodging.

Travel: Arrival: Since the seminar starts at 8:00 a.m., plan to arrive the night before.

Departure: You can book flights out of Rochester International Airport after 5:15 p.m. on Thursday since our Henrietta, NY location is less than 10-minutes from the airport.

Registration: Please fill out this form for each person attending, and mail along with a **Check** or **Purchase Order** (made out to 'Becker Learning') to:
Becker Learning / 5980 Sheppard Road / Dansville, NY 14437

2009 Courses: 1. Product-II 2. Airside-I 3. Airside-II 4. Systems Fundamentals

(check all that apply)

Name: _____ Title: _____

Company: _____

Address: _____

Phone: ()

Email: _____

# of Courses	\$/course	Total Cost \$	Check # or PO #
	\$1,000		

Authorizing Person

Printed Name	Signature	Date

***If a PO is given, full payment must be received prior to the first day of class.

Cancellation Policy:

If someone cancels 60-days prior to the start of the class => no cancellation charge.

If someone cancels 30-60 days prior to the start of class => 50% cancellation charge

If someone cancels less than 2-weeks before the start of class, or simply doesn't show up => charged the full amount

Teaching Methodology:

Similar to the way Joe taught nine classes in the Graduate Training Program of The Trane Company, students will learn a concept and then immediately apply this new knowledge with an application problem. Quiz/testing will also be used to measure the overall effectiveness of the teaching. In this way, the program receives continual improvement through direct feedback.

About the Instructor:

Joe Becker is a graduate of the University of Wisconsin-Madison with degrees in Naval Science and Industrial Engineering (1979). He is also a Graduate from the U.S. Naval Nuclear Power School at Mare Island, California (1975). Joe is a registered Professional Engineer.

After nine years in the Navy, Joe resigned his Commission in the Civil Engineer Corps. Since graduating from GTP's class of 83-II, he worked as a Systems Engineer in C.D.S., Marketing Engineer in the Variable Air Volume Product Group, Manager of Technical Training in GTP, Sales Engineer, Sales Manager in Rochester/Syracuse & I SL f or NE Territory.

Joe currently works part-time for Trane's NE Territory and provides technical training through Becker Learning.

Governmental Affairs Update

Welcome to ASHRAE's Government Affairs Update. Along with the redeveloped Government Affairs webpage, these periodic e-mail updates feature information on government affairs related activities of interest to ASHRAE members and others interested in the built environment. Archives of previous updates are available from the government affairs webpage (<http://www.ashrae.org/advocacy>).

Please pass this information on to interested colleagues who also may subscribe from the ASHRAE Government Affairs webpage. Should you wish to unsubscribe, information appears at the end of this e-mail.

If you have any recommendations regarding content, or have questions about or would like to participate in Washington Office activities, please contact ASHRAE Government Affairs staff at (202) 833-1830 or washdc@ashrae.org.

ASHRAE Government Affairs Update, 4/24/09

- [DOE Launches Commercial Real Estate Energy Alliance](#)
- [New Mexico Governor Signs Renewable Energy and Green Jobs Bills](#)
- [DOE to Invest Nearly \\$4 Billion in Smart Grid Technologies](#)
- [NREL: Utility Green Power Sales Increased 20% in 2008](#)



[DOE Launches Commercial Real Estate Energy Alliance](#)

DOE has launched the Commercial Real Estate Energy Alliance (CREEA), a partnership of commercial real estate owners and operators that have volunteered to work with DOE to drastically reduce the commercial real estate sector's energy consumption and greenhouse gas emissions. Commercial buildings currently account for 18% of the nation's energy consumption and carbon dioxide emissions. CREEA will provide a link between commercial building owners and operators and DOE's research and technologies and will act as national forum to share best practices and practical experiences in energy efficiency. CREEA steering committee members include leading real estate and building engineering organizations; the U.S. General Services Administration, which manages federal buildings; U.S. and global leaders in real estate services, such as CB Richard Ellis, Cushman & Wakefield Inc., Grubb & Ellis Company, Jones Lang LaSalle, Transwestern, and USAA Real Estate Company; and top hotel, casino, and resort owners, such as Hilton Hotels Corporation, MGM Mirage, The Walt Disney Company, and Wyndham Hotels and Resorts, LLC.

CREEA is the second energy alliance launched by DOE in the commercial buildings sector. The Retailer Energy Alliance, launched in 2008, provides similar resources and services for retail businesses, including Walmart, Target, and Macy's. Both alliances are part of DOE's Net-Zero Energy Commercial Building Initiative, which aims to achieve market-ready, net-zero-energy commercial buildings by 2025. The initiative is supported by the National Laboratory Collaborative on Building Technologies, under which five of DOE's national laboratories have been working toward the net-zero energy goal, and the Commercial Building National Accounts, which includes DOE-selected companies and organizations that conduct cost-shared research, development, and deployment for new building technologies. See the DOE press release (<http://www.energy.gov/news2009/7251.htm>) and the CREEA Web page (http://www.eere.energy.gov/buildings/commercial_initiative/real_estate.html) on DOE's Building Technologies Program Web site.

[New Mexico Governor Signs Renewable Energy and Green Jobs Bills](#)

New Mexico Governor Bill Richardson signed eight bills expected to advance renewable energy and create "green" jobs. The legislation defines green industries as those that relate to, among other things, energy efficiency and conservation and renewable energy. The bills signed by the governor include:

- **Green Jobs Bonding Act:** Allows the state to use green jobs training money available under the federal Green Jobs Act of 2007. Funding will be used to train low-income individuals, veterans, tribal and rural constituencies, and other citizens of need. (House bill [HB] 622)
- **Higher education alternative energy program awards:** Creates the Higher Education New Energy Development Fund to develop research programs and educational courses in the fields of energy efficiency and alternative energy. (Senate bill [SB] 288)
- **Development training funds for green jobs:** Allows up to \$1 million each year to be disbursed from New Mexico's Job Training Incentive Program for development training in green industries. (SB 318)
- **Expansion of renewable energy tax credit:** Changes the Advanced Energy Tax Credit, which was enacted in 2007, to include utility scale solar photovoltaic and geothermal technologies. (SB 237)
- **Expansion of solar market tax development credit:** Allows New Mexico's Solar Market Development Tax Credit to piggyback on federal solar credits. (SB 257)

(continued on page 11)

Governmental Affairs Update

- **Certain geothermal heat pump tax credits:** Provides a tax credit for the purchase and installation of a ground-coupled heat pump for a New Mexico home, business, or agricultural enterprise. (HB 375)
- **Solar energy improvement special assessments:** Allows counties to impose solar energy improvement special assessments on single family, residential, or commercial property if the property owner requests it. (HB 572)
- **Renewable Energy Financing District Act:** Allows counties and municipalities to form renewable energy financing districts to help fund renewable energy improvements. This includes solar photovoltaic, solar thermal, geothermal, or wind energy. Participating districts will place a special assessment on the property of participating owners. (SB 647)

For more information, see the governor's press release (<http://www.governor.state.nm.us/press/2009/press-apr09.php>).

[DOE to Invest Nearly \\$4 Billion in Smart Grid Technologies](#)

DOE issued a Notice of Intent and a draft Funding Opportunity Announcement (FOA) that will lay the groundwork for providing nearly \$4 billion in American Reinvestment and Recovery Act funds to support smart grid projects. The Notice of Intent was issued for DOE's Smart Grid Investment Grant Program, which will provide grants of \$500,000 to \$20 million for smart grid technology deployments and grants of \$100,000 to \$5 million for the deployment of grid monitoring devices. The program will provide matching grants of up to 50% of the project cost, and the total funding for the program is \$3.375 billion. In addition, the draft FOA paves the way toward an offer of \$615 million to support demonstrations of regional smart grids, utility-scale energy storage systems, and grid monitoring devices. The Notice of Intent and the draft FOA (found by searching the public opportunities on FedConnect (<https://www.fedconnect.net/FedConnect/default.aspx>) for reference number DE-FOA-0000036) are open to public comment through May 6.

[NREL: Utility Green Power Sales Increased 20% in 2008](#)

More than 850 utilities across the United States now offer their customers a voluntary choice to buy "green power" generated from renewable energy sources, according to DOE's National Renewable Energy Laboratory (NREL). NREL's annual assessment of leading utility green power programs found a 20% increase in green power sales in 2008, with total annual sales exceeding 5 billion kilowatt-hours. More than 600,000 utility customers are now participating in such green power programs, which are supporting roughly 5,000 megawatts of new renewable power capacity throughout the country.

NREL's annual ranking of utility green power programs shows relatively minor changes, with Austin Energy still leading the nation for total green power sales. In 2008, the Texas utility sold nearly 724 million kilowatt-hours of renewable power generated from wind energy and landfill gas, a 25% increase in sales relative to 2007. Public Service Company of New Mexico made the top-ten list for total sales for the first time, landing in seventh place. Xcel Energy, which operates in eight states, still has the largest number of participants, but it lost nearly 4,000 participants in 2008, while second-placed Portland General Electric (PGE) gained nearly 8,000 participants, landing the relatively small Oregon utility within 2,313 customers of the first-place spot. PGE increased its customer participation rate to 9.7% of all customers, increasing its rank in that category from fourth to third.

While most utilities charge a premium for buying green power, some utilities set a fixed price for their green power program, and that fixed price can actually save money for customers if the utility ends up paying higher fuel prices for their standard power supply. That was this case this year for two Oklahoma-based utilities—OG&E Electric Services and Edmond Electric—both of which saved their green power customers about a penny per kilowatt-hour on their electric bills. That savings is probably a main reason why Edmond Electric also leads the nation for its green power sales as a percentage of its total retail electricity sales; the utility's green power sales equal 6.4% of its total sales. See the NREL press release (<http://www.nrel.gov/news/press/2009/679.html>) and the current and previous top-ten lists of utility green power programs (<http://www.eere.energy.gov/greenpower/resources/tables/topten.shtml>) on the Green Power Network, a part of DOE's Office of Energy Efficiency and Renewable Energy Web site.



ASES NATIONAL
SOLAR
CONFERENCE

May 11 - 16, 2009
38th Annual
Solar Conference

Buffalo, NY • May 11 - 16
SOLAR 2009
You've Got the Power!

Buffalo Niagara Convention Center

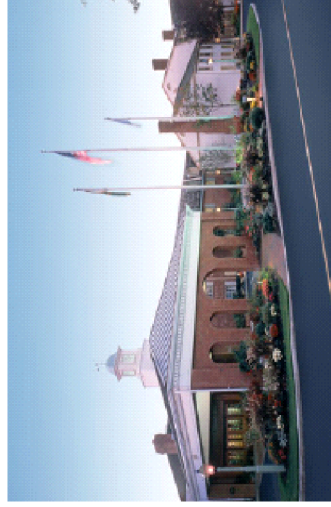
Full information on the conference is at www.ases.org and then access the SOLAR 2009 link.

SOLAR 2009 is America's leading conference on the emerging trends, technology, and opportunities shaping the new energy economy. SOLAR 2009, introduces you to the leaders, innovators, and entrepreneurs moving the industry forward.

Accommodations

The Desmond
660 Albany Shaker Road
Albany, NY 12211

Call (800) 448-3500 to reserve your room.
Special ASHRAE room rate of \$148 per night + taxes
if reserved by **August 6th, 2009**.
Reserve with Group Id: 11E8VV
www.desmondhotels.com

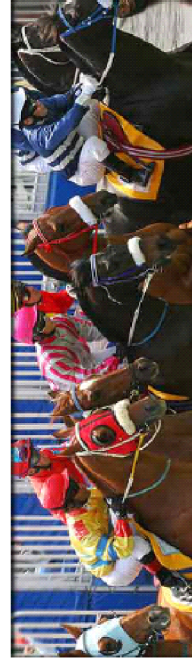


Area Attractions

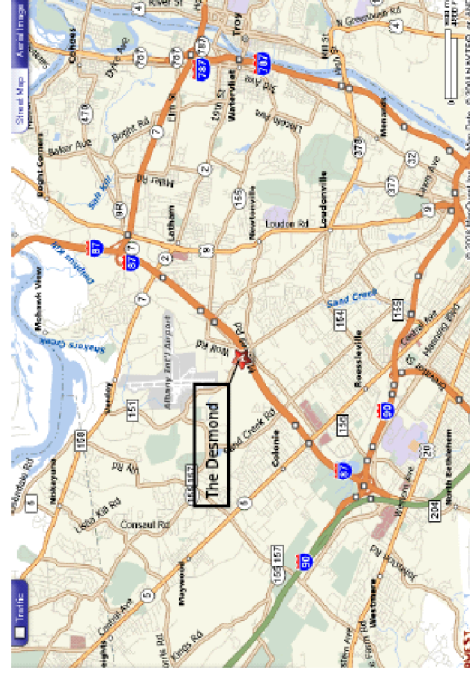
- New York State Museum
- Saratoga Thoroughbred Race Track
- Saratoga Gaming & Harness Track
- U.S.S. Slater WWII Destroyer
- Half Moon historic sailing ship
- Historic Shaker Village
- Historic Downtown Saratoga
- Lark Street / Pearl Street Club Districts
- Adirondack Mtn. Region
- Historic Saratoga Spa
- Ft. William Henry/Lake George
- Saratoga Battlefield National Park
- Albany Aqua Duck Tours
- Hudson River Cruise

ASHRAE Region I Chapters Regional Conference

Hosted by: The Northeast Chapter Albany, NY



August 27th—29th 2009



The Desmond is conveniently located off Exit 4 of the Northway I-87 (Albany Airport Exit) . From North on I-87: Take Northway (I-87) to Exit 4 – Albany Airport exit. On ramp, bear to right. At end of ramp is traffic light, go left onto Old Wolf Road. At the next light, make a right, you will immediately see Desmond on your left. From South on I-87: Take Northway (I-87) to Exit 4 – Albany Airport Exit. At the end of the ramp, go left on Wolf Road. At next light, go left onto Albany-Shaker Road, pass under highway and go 200 yds, you will see Desmond on your left.



CRC 2009 Conference Agenda

Thursday, August 27

All Day	Registration
9:30am-2pm	Golf
2:30pm-4:30pm	Tech Session I:
	Steam Theory and Application
2:30pm-4:30pm	Tech Session II:
	Nanotechnology
4:15pm-6:30pm	Welcome & 1st Business Meeting
7pm-10pm	*Welcome Reception
10pm	Hospitality Suite Open

Friday, August 28

All Day	Registration
All Day	Hospitality Suite Open
7am-9am	*Breakfast
8am-9:45	Caucus
9:30am-4:30pm	Saratoga Outing for Companions (Lunch not included)
10am-11:45pm	Chapter OPS Workshop
12pm-1:30pm	*Lunch with distinguished lecturer
1:45pm-3:45pm	Executive Session
4:00pm - 5:30pm	2nd Business Meeting
6pm-8pm	*President's Dinner
8pm-10pm	Casino Night

Saturday, August 29

7:30am-10am	Registration
7am-9am	*Breakfast
8am-9:30am	3rd Business Meeting
9am-11am	Aqua Duck Tour for Companions
9:30am-12pm	Workshops
12pm-2:30pm	*Awards Luncheon

Welcome Reception

Thursday, August 27th at 7 pm

The Desmond

Hotel & Conference Center



Registration Form

Complete one form per family attending

<input type="checkbox"/>	Full Package w/Golf.....	\$560
<input type="checkbox"/>	Full Package (no golf)*.....	\$410
<input type="checkbox"/>	Companion Package w/golf**.....	\$325
<input type="checkbox"/>	Companion Package (no golf)*.....	\$190
<input type="checkbox"/>	Children's Package (no golf)***.....	\$160
<input type="checkbox"/>	One Day Registration****.....	\$275
<input type="checkbox"/>	Awards Luncheon.....	\$65
<input type="checkbox"/>	Technical Sessions.....	\$90

Deadline: **July 15th** to avoid late fees!

- * Includes all meals (see agenda)
- ** Includes Breakfast and Awards Luncheon (Sat.)
- *** For children under 10, includes kids meals
- Children 10 and over will pay the companion rates
- Rollaway beds are \$10 + tax payable to the hotel

Totals _____

Name _____

Companion _____

Address _____

City State Zip _____

Phone _____

Email _____

ASHRAE Chapter _____

Chapter Officer _____

Committee Chair _____

Please Join us for

Hors d'oeuvres!

Drinks!

Good Times!

For further information please contact:

Stan Westhoff, CRC General Chair

Unilux Advanced Manufacturing

518-344-7490

swesthoff@uniluxam.com

Make Checks Payable to:
 Northeast Chapter CRC 2009
 Mail to:
 ASHRAE Northeast Chapter
 PO Box 13933
 Albany, NY 12212-3933

Job Postings & Help Wanted



This section of the newsletter is reserved for those firms wishing to advertise their desires to hire from the Chapters Membership.

If you are interested in utilizing this FREE service provided by the Rochester Chapter, please contact our Newsletter Editor, Christina Wal-

ter (585.486.2148) or by email cmwalter@trane.com

This service is available to any firm in our industry looking for knowledgeable persons in the HVAC&R industry.



2008-2009 Presidential Award of Excellence Summary

Chapter #	Chapter Name	Chapter Members / Students	Member Promotion	Student Activities	Research Promotion	Chapter Technology Transfer	History	Chapter Operations	Chapter PAOE Totals
11	Rochester	240 /26	0	0	430	210	100	85	825

Research Promotion

The 2008-2009 Rochester Chapter ASHRAE Research Promotion is ending soon and we are still soliciting donations from local companies and individuals. Whether you specialize in HVAC equipment, engineering and design, or infrastructure construction, ASHRAE has research projects focused in your field and the specific topics that affect your business most. It's because of support from companies and individuals that ASHRAE can continue to fund important research projects to further enhance the HVAC&R industry.

A special thanks to this years current contributors:

Rochester ASHRAE Chapter	Silver - Major Donor	Mr Thomas E Piekunka	Honor Roll Donor
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Mr James C Browe	Honor Roll Donor	Mr Robert A Walton	Individual Donor

If any one is interested in donating, but doesn't know where to begin, please contact me.

Jeffrey Close - *Research Promotion Chair*

jeff.close@pres-services.com



ASHRAE 09

ASHRAE ANNUAL CONFERENCE rolls into Louisville

JUNE 20 – 24, 2009 GALT HOUSE HOTEL AND SUITES



ROLLING ON THE RIVER

IS OUR THEME AND MISSION

The pounding hoof beats into the final turn.

The tinkle of ice in a frosted mint julep.

The plaintive echoes of the rivercraft as they signal the drawbridge.

The sights and sounds of Louisville...

“My Old Kentucky Home” on the mighty Ohio River...

and the home of ASHRAE’s 2009 Annual Conference. Maintain the momentum. Push the envelope. Lead the world. Sustainability is our

goal...the future is in our hands.

Visit Louisville with ASHRAE, register at ashrae.org/louisville.



Society News: Proposed Standard 189.1 Begins Third Public Review with Increased Energy Savings
The first draft of the reconstituted committee boasts increased user friendliness

ATLANTA – With additional energy savings over the previous draft, the nation's first standard for high-performance green buildings began its third public review period May 1, marking the first draft released by the newly reconstituted Standard 189.1 committee. Comments on the draft standard will be accepted through June 15.

Proposed Standard 189.1, Standard for the Design of High Performance, Green Buildings Except Low-Rise Residential Buildings, is being developed by the American Society of Heating, Refrigerating and Air-Conditioning Engineers in conjunction with the Illuminating Engineering Society of North America (IESNA) and the U.S. Green Building Council (USGBC). This is the first such green building standard in the United States.

"Standard 189.1 is essential for the further promotion of high-performance green buildings in the United States and for reaching net-

zero-energy goals," says Kent Peterson, chair of the committee. "The committee is confident that this standard, with its increased energy savings over Standard 90.1, will help building owners and operators as well as local jurisdictions meet their sustainability targets."

The third public review draft has been reorganized to be more user-friendly while focusing on delivering and maintaining energy and water efficiency performance over the life of the building. Compared to the previous draft, this draft provides increased energy savings over ANSI/ASHRAE/IESNA Standard 90.1, Energy Standard for Buildings Except Low Rise Residential Buildings.

Eliminated in this version is the requirement for 30% additional ventilation beyond Standard 62.1 in classrooms and office spaces, with instead an emphasis on source contaminant control to improve indoor air quality.

Meant to provide minimum criteria for green building practices,

the standard is applicable to new commercial buildings and major renovation projects. When completed, it will address energy efficiency, a building's impact on the atmosphere, sustainable sites, water use efficiency, materials and resources, and indoor environmental quality, among other high-performance green building issues.

The committee was expanded late last year to 34 voting members after an open call for members to broaden the expertise from a variety of interested categories. The proposed standard has generated substantial public interest, with more than 900 comments received during each of two previous public reviews.

To view a copy of the public review draft, go to www.ashrae.org/publicreviews. Copies of public review drafts are only available during public review periods. Publication of the standard is expected by early 2010.

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From the Editor's Desk

The ASHRAE Chapter Bulletin should reflect the opinions, activities and needs of its members. We represent an active membership and the Bulletin can provide a valuable and enjoyable forum for news of our individual members.

Any announcements of interest, as well as letters, opinions, questions or comments, should be addressed to Christina Walter, Trane, 75 Town Centre Drive, Rochester, NY 14623 or email to cmwalter@trane.com

Reminder

Go to www.ashrae.org to update your personal information. Keeping your information current helps us to find you. Please add email, phone number, fax number, address correction, etc.

