



Giga-Joule

Greenville Chapter

December 2007

Meeting Announcement

The December meeting will be held on Tuesday, December 11th at the Roper Mountain Science Center. The details are listed on the Programs Page. For more information, please contact our Programs Chairman, Will Thomason, by phone at 864-232-0200 or, email at programs@ashrae4greenville.com

A Message from the President

HO, HO, HO! Christmas and New Year's are just around the corner. I hope everyone has had a very successful 2007. Traditionally the holiday season is time to reflect back over the past year and count your blessings. In the HVAC business, 2007 has been a good year. Workload has been really strong at almost all the engineering firms. We all have a lot to be thankful for. Try not to be too caught up in the hectic pace of the season, that you can't appreciate your family, friends, and coworkers. It's a good time to say "thanks" to those who have helped you throughout the year.



If you have been pleased with our programs this year, come to the December meeting and go up and thank your volunteer officers and chairmen of the Greenville Chapter for their efforts. Tell them you appreciate what they do. If you feel blessed by what the society and the chapter brings you in education and support for your career, consider putting a little back in. Please come talk with me, or any of our leaders, about what help you can offer in 2008.

I want to thank Will Thomason and the rest of the Board of Governors for running last month's meeting in my absence. I was called away at the last moment to a jobsite and missed a very interesting meeting. Thanks to Mr. Ward Lambert for speaking to the chapter and sharing his experience in legal matters. I heard that there were a record number of questions posed in the Technical Session. That is usually the tell-tale sign of a subject that the audience is really tuned into.

Please don't be afraid to call or email me with any comments or suggestions. I am always open to new ways to improve the ASHRAE experience for our members.

Karl F Counts PE
Greenville ASHRAE President
president@ashrae4greenville.com



Will Thomason
Programs Chairman
programs@ashrae4greenville.com

Chapter Programs

The Programs Committee is continually brainstorming for future program ideas.

- Has a recent magazine article piqued your curiosity on a new technology or application?
- Do you have a need for specific training?
- Would you like a full or half day seminar on a technical issue?

I would really like to hear your suggestions and extend the offer to join the Programs Committee. Besides proposing meeting subject matter, committee members receive the opportunity to review the suggestions of others and vote on which topics are selected. This is a great way for you to make yourself heard.

December Meeting

Program: Compliance with ASHRAE Standard 90.1

Presenter: Dick Lord.

Dick Lord received his Bachelor of Sciences Degree in Mechanical Engineering from Clarkston University in 1973. That same year he began his career with Carrier. Dick progressed through the engineering ranks into engineering management, Director of Water Cooled Chiller Development, Director of Engineering for Positive Displacement Chillers, and currently holds the position of Packaged Platform Engineering Manager. Dick serves on four (4) ASHRAE Technical Standards Committees including 90.1. Dick is also a long time member of ARI, ISO/ARI, CSA, and the Canadian Standards Association.

Location: Roper Mountain Science Center (www.ropermountain.org)

Date: Thursday, December 11, 2007

Time:

11:30 a.m.	Doors Open
11:35 a.m.	Lunch Served
11:45 a.m. to 12:00 p.m.	Chapter Business
12:00 a.m. to 1:00 p.m.	Main Program

Cost: \$10/person (includes a catered lunch) Guests are welcome!
Read about our new lunch packages in the Membership Corner

Education Credit: This program qualifies for 1.0 PDH (including NC PE)

**Please RSVP to programs@ashrae4greenville.com
no later than Noon Tuesday, November 6, 2007**

Membership Corner

We had our first of two Membership Promotion Meetings for this year, what a great turnout. For our meeting, we had a great deal of visitors as well as several new members sign up. Welcome to Greenville ASHRAE and we look forward to active participation. As always, we continue to look for new members including both engineers, contractors, and students. If you have any ideas on membership promotions, please let any one of the Board of Governors know so we can share your thoughts and best practices to create an even more active Greenville Chapter. For questions and applications, contact me.



Chris Adams
Membership Chairman
membership@ashrae4greenville.com

membership@ashrae4greenville.com or (704) 664-4907

Other Discounts:

Package A: Discount Card

If you are a Society Member in good standing (society dues paid up) and have your Chapter Dues paid up, we will issue you a card at your first meeting of the year. Each time you pay for a meeting this card will be punched/notarized. When you have four (4) meetings paid for, the fifth is free.

Package B: Prepaid Year

If you are a Society Member in good standing (Society Dues Paid Up) and a Chapter Dues (Paid Up), you will be offered the option of paying one charge of \$75 for the entire years programs (\$90 value).

New Magazine, High Performance Buildings, Announced

By **Frederic Genest, CTTC RVC-Region II and Fred Turner, ASHRAE Journal Editor**

ASHRAE has launched a new magazine to help decision-makers in the building community learn about the latest developments in innovative technologies and energy-efficient design and operation. Targeted at building owners, facility managers, architects and engineers, *High Performing Buildings* features working case studies of exemplary buildings developed by leading practitioners in the sustainability movement. *ASHRAE members will receive a free digital subscription.* If they wish to receive a printed subscription, they will be required to pay it.

Also included is a “lessons learned” section in each article where building designers and operators explain what went right, what went wrong, how problems were resolved and what could have been done better. “It is essential that ASHRAE share both the technologies and measured performance of high-performance buildings to change the status quo and help transform the building industry to a more sustainable built environment,” said Kent Peterson, ASHRAE president.

ASHRAE’s goal is to advance the concept of integrated building design with a focus on measured building performance, not just design of sustainable buildings. The case studies featured will provide performance data, verifying actual sustainability performance.

The cover story of the first issue focuses on Heifer International. By providing gifts of livestock and plants to financially disadvantaged families around the world, Heifer International teaches sustainability by showing recipients how to use those gifts wisely.

The importance of passing on the gift of sustainability is also highlighted in the organization’s Arkansas headquarters, which features earth-friendly designs such as a constructed wetlands, a gray-water tower and energy-saving techniques. Jo Luck, Heifer’s CEO and president, said:

“One thing that Heifer understands is that if we are going to have a lasting impact on world hunger, everything we do must be sustainable – that is the means for production of food and income must renew the environment and not deplete it. In conceiving and constructing our new office building, we are striving to live up to the aspirations of Heifer’s own mission of ending hunger and saving the earth.”

To learn more, visit www.HPBmagazine.org.

Research Promotion

Brian Alexy
Research Chairman
rp@ashrae4greenville.com



Our Spring Golf Outing was a success for Resource Promotion! The participants played on a beautiful & warm South Carolina Day and everyone had a good time.

Here is a recap of the Winners!:

1st Place Team: Paul Jensen, Ron Bennett, Lee Chapman, Mike Hayes with a Low Gross Score of 61 (-11 under par)

Closest to the pin: Mike Hayes

Longest drive: Will Thomason



A Special Thanks to our sponsors:

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The Trane Company
Carrier Corporation



I hope that everyone enjoyed themselves, and if you have any suggestions on how to improve the tournament please pass them along to me so that we can have an even better one in the spring. I'd like to thank the BOG & everyone for the tremendous help in putting together the fall tournament, and for bearing with us through the numerous date changes!

In other noteworthy Resource Promotion [News](#): Our December meeting will be our annual Resource Promotions meeting, so be on the lookout for what's new in the world of ASHRAE research, and as always, please don't hesitate to volunteer any and all suggestions for fundraising.

Greenville Chapter Platinum Sponsors:



2007-2008 Chapter Officers

Position	Officer/Chairman	Company	Phone	Fax	email
President	Karl Counts	Day & Zimmermann	241-8335	241-6750	president@ashrae4greenville.com
Vice-President	Eric Scott	Carrier Carolinas	232-6633	242-0290	vp@ashrae4greenville.com
Programs Pres-Elect	Will Thomason	James M Pleasants	232-0200	298-6330	programs@ashrae4greenville.com
Secretary	Davin Sandhu	Johnson Controls	234-3819	676-1174	secretaryt@ashrae4greenville.com
Treasurer	Rodney Hinton	Palmetto Air and Water Balance	877-6832		treasurer@ashrae4greenville.com
Governor (Historian)	Paul Jensen	Trane Upstate Carolina	672-6130	672-6001	history@ashrae4greenville.com
Governor	Bill Knight	Greenville County Schools	355-7792	355-9388	gov3@ashrae4greenville.com
Membership Chair	Chris Adams	Adams Companies	704-400- 6033	704-664- 0846	membership@ashrae4greenville.com
Research Prom. Chair	Brian Alexy	Carolina Cooling	633-9494	704-521- 4444	rp@ashrae4greenville.com
CTT Chair	Devon Cortright	H2L	233-8844	232-2679	dcortright@h2l.com
Student Activities Chair					sa@ashrae4greenville.com
Webmaster	Karl Counts	Day & Zimmermann	241-8335	241-6750	webmaster@ashrae4greenville.com

Tentative Event Dates for 2007-2008

Tuesday 9/18/2007	Variable Refrigerant Flow	Chris Adams Adams Companies
Thursday 10/25/2007	Fall Golf Tournament	October 25 Willow Creek Golf Club
Tuesday 10/16/2007	Chiller Plant Piping	Chris Edmondson PE James M Pleasants
Thursday 11/8/2007	HVAC Engineer Legal Issues	Ward Lambert
Tuesday 12/11/2007	Compliance with ASHRAE Standard 90.1	Dick Lord
Thursday 1/10/2008	Mechanical Insulation	Roger Schmidt
Thursday 2/14/2008	Clemson University Chilled Water District	Jeff Hinson
Tuesday 3/11/2008	Joint Meeting with the SC Mechanical Contractors Association	TBD
Thursday 3/13/2008	Manual de Valle	
Thursday 4/10/2008	History of SC Chapters	Blane Walker
Thursday 4/??/2008	Spring Golf Tournament	TBD
Thursday 5/8/2008	Integrated Building Design	Charles Gullede



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Region IV
Greenville Chapter