



# *Giga-Joule*

**Greenville  
Chapter of  
ASHRAE**

**November 2004**

## ***Meeting Announcement***

This month's meeting will be held on Tuesday, November 16, 2004 from 11:30 AM to 1:00 PM at the Roper Mountain Science Center located at the intersection of I-385 and Roper Mountain Road. For directions, please contact Programs Chairman, James Bryan, (864-298-2148, [programs@ashrae4greenville.com](mailto:programs@ashrae4greenville.com)) or visit <http://www.ropermountain.org>.

## ***Message from the President***

I want to offer thanks to past president, Paul Jensen, for delivering his presentation last month on the advantages of water-cooled, vertical self-contained DX units in multi-story buildings. The chapter also owes a big debt of gratitude to Doug Black for opening up his mechanical rooms at the Poinsett Plaza for us to see these types of units in action.



**Karl Counts PE  
Greenville  
Chapter President**

We had a very nice turnout for an evening meeting in downtown, although we would have loved to have more of you attend. Your Board of Governors is working diligently to bring you more value for your membership. This past month's meeting was a perfect example of this effort. We are looking for ways to include facility tours with our technical programs when appropriate. Audio-visual aids greatly enhance presentations, but it's even better to be able to see the installation in person. We will continue to focus on our lunch meetings, but sometimes our meeting times and locations may have to change to accommodate a special situation. I hope you all can make to effort to join us on these special occasions. Also, if you have a special request for a tour, presentation, or a service that you want enhanced, please speak up. The society, and your chapter, exists to share information and advance the art of heating, ventilating, and air conditioning systems.

If you have any questions or comments, please feel free to contact me.

**Karl F Counts PE**  
**Greenville ASHRAE President**  
[president@ashrae4greenville.com](mailto:president@ashrae4greenville.com)

## ***Chapter Programs***



I hope everyone enjoyed last month's technical session presented by Paul Jensen and concluded with a tour of the Poinsett Plaza by Doug Black. It was very informative program, plus downtown Greenville has plenty to offer. The average rating taken after Paul's program was 94%.

This month we are pleased to have Mr. Tony Longino speak on the changes to the 2003 International Mechanical and Fuel Gas Codes. As most of you already know, South Carolina has adopted the 2003 versions of the International codes and they take effect in January of 2005. Mr. Longino is the Chief Mechanical Inspector for the Greenville County Department of Building Standards. His occupation requires an intimate knowledge of building construction and code interpretation. We couldn't find a better man to enlighten us on the upcoming changes to the 2003 International Mechanical and Fuel Gas Codes. This program should be very beneficial to our local chapter members.

**Location:** Roper Mountain Science Center (see front page for directions)

**Date:** Tuesday, November 16, 2004

**Time:** 11:30 a.m. Doors Open  
11:35 a.m. Lunch Served  
11:50 a.m. Chapter Business  
12:00 a.m. to 1:00 p.m. Main Program

**Program:** *Changes to the 2003 International Mechanical and Fuel Gas Codes*

This program will review the major changes to the new 2003 editions of the International Mechanical Code and the International Fuel Gas Code from the previous versions.

**Presenter:** Tony Longino, Greenville County Chief Mechanical Inspector

**Cost:** \$10/person (includes a catered lunch)  
Guests are welcome!

**Education Credit:** This program qualifies for 1.0 PDH

**James Bryan PE**  
Programs Chairman

Please RSVP to [programs@ashrae4greenville.com](mailto:programs@ashrae4greenville.com) by Thursday, November 11, 2004

## ***Membership Corner***

Did you know we have 231 area assigned members including Robert Foldes, Curtis Culbreath, Robert Harrison, Roland Temple and Frederick Scott that have all joined since our last meeting in the spring?

Don't forget the membership drive with a \$100 restaurant gift certificate to the member who recruits the most new members this ASHRAE year. There's already been some activity by some of you and it is appreciated.

Attendees at the October meeting/tour were Steve Abernathy, James Bryan, Bill Carnes, Devon Cortright, Karl Counts, Jay Hannah, Paul Jensen, Greg Kyzer, Patrick Leake, Warren Maddox, Jay McCutcheon, Caroll Suttles, Steve Martin, Jim Norton, Doug Black, Dave Vigue, Minh Tran, and Bill Sykes.

Applications can be obtained at our regular meetings or call me at (864) 233-7966.

**Caroll Suttles**  
**Membership Chairman**

## ***Technology, Energy, & Government Activities***

### **Technology Awards**

Know of an innovative project that may be award worthy? If so, submit it for an ASHRAE Technology Award. Contact me or visit: <http://www.ashrae.org/standcom/tegaward.htm> for forms and more information. Then proceed as follows:

- Complete the "Short Form" and use it as the cover page.
- Provide a system schematic/diagram not larger than 11" x 17" in size. In addition, attach a brief narrative (maximum of 2 pages). The narrative should include the gross and net building areas applicable to the project, a description of the major building areas (i.e., operating rooms, laboratories, computer rooms, industrial processes, offices, warehouses) and a brief discussion regarding the following five criteria (if a criterion is not applicable, state accordingly):
  - Energy Efficiency
  - Indoor Air Quality
  - Innovation
  - Operation & Maintenance
  - Cost Effectiveness
- Submit your schematic, brief narrative, and completed form to me for judging at the Chapter level.

Applicants will receive recognition and have the chance to advance to Regional & Society level competition.

**Jamie Porterfield**  
**CTT (Chapter Technology Transfer Chairman)**

# **Resource Promotion**

## **Fall Golf Outing a Huge Success!**

Okay, that might be pushing it a bit, but 44 of you had a great time on Wednesday, October 27th at River Falls Plantation in Duncan. Along with the fun and fellowship, we raised \$900 was raised for ASHRAE Resource Promotion, and no one got hurt in the process.

Special thanks to our sponsors for the event including:

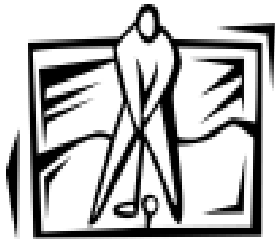
Bill Knight  
Hahn Mason Air Systems  
Johnson Controls  
Piedmont Natural Gas

### **Awards:**

**Low Gross Score** of 60 went to the team of

**Ken Clark**                      **John Minor**  
**Doug Tooke**                 **Chris Kirkland**

Each player received a \$40 gift certificate at the pro shop.



**Low net score** of 54.75 went to the team of

**Danny Atkinson**         **Sandy Covington**  
**Greg Rumpel**             **Ron Bennett**

Each player received a \$40 gift certificate at the pro shop.

**Longest Drive** went to **John Pitts**

**Closest to the Pin** belonged to **Ron Bennett**.

They each received a \$50 gift certificate from the pro shop.

We'll be having a special recognition feature at our November meeting to recognize individual donors (\$50 and up) and companies (\$150 and up) from last year. Please join us in November to receive the recognition that you deserve.

If anyone has any ideas on fundraising events that we could apply to this Chapter please see me after the meeting. Thanks!

**Dennis O'Keefe**  
**Resource Promotion Committee Chairman**

# Greenville Chapter ASHRAE

## 2004-2005 Chapter Officers

Office	Officer	Company	Phone	Fax	email
President	Karl Counts	Maddox Engineering	250-2143	233-8460	<a href="mailto:president@ashrae4greenville.com">president@ashrae4greenville.com</a>
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Webmaster	Karl Counts	Maddox Engineering	250-2143	233-8460	<a href="mailto:president@ashrae4greenville.com">president@ashrae4greenville.com</a>

## Tentative Meeting Dates for 2004-2005

**November 16, 2004 – Changes to the 2003 International Mechanical and Fuel Gas Codes**

**December 14, 2003 – Is It Raining In Your Boiler?**

**January 18, 2004 – Refrigeration Application and Design Practices + Tour**

**February 15, 2004 – DL**

**March 8, 2004 – Joint Meeting with Mechanical Contractor's Association**

**April 13, 2004 – Satellite Broadcast on Mold**

**April 19, 2004 – Advanced Fan Applications**

**May 17, 2004 – Clean Rooms for Pharmaceutical/Biological Facilities**

**September 27, 2004 – Constant Volume Zoning Application and Design**

**October 19, 2004 – Water-Cooled Split Systems for Medium/High Rise Buildings + Poinsett Plaza Tour**

