



# *Giga-Joule*

Greenville  
Chapter of  
ASHRAE

March 2005

## *Meeting Announcement*

We will have two meetings in March. Both meetings will be held in the evening. The dates of the meetings are Tuesday, March 8<sup>th</sup> and Tuesday, March 15<sup>th</sup>. The details are listed on the Programs Page. For more information, please contact Programs Chairman, James Bryan, by phone at 864-298-2148, or by email at [programs@ashrae4greenville.com](mailto:programs@ashrae4greenville.com).

## *A Message from the President*

Karl Counts PE  
Greenville  
Chapter President



We had another meeting with outstanding attendance (40) last month to hear ASHRAE Distinguished Lecturer, Glenn Brower, speak on duct insulation systems. I wasn't sure what to expect, but I for one learned a great deal about noise attenuation with internal linings and about the successes and gotcha's of insulation cleaning.

In March and April we have a full slate of programs for you. We have lined up two meetings for each month. For March we start things off at our annual joint meeting with the Mechanical Contractors Association. The following week we have a presentation on Ammonia Refrigeration and a facility tour at the Sara-Lee Plant on I-85. Both of these meetings are in the early evening. The contractors meeting will be held at G-M Mechanical. This meeting is always a great social gathering and the grilled steaks are always excellent. We are finalizing the presentation and tour with Sara-Lee so stop by frequently to check for updated details.

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



**Meeting 1: Joint Meeting with the Mechanical Contractors Association**

**Program:** *Building Inspections of HVAC Systems*

**Presenter:** Frank Wilson – Spartanburg County Building Code Inspector

**Location:** G-M Mechanical Contractors, 720 Mauldin Road

**Date:** Tuesday, March 8, 2005

**Time:** 6:00 p.m. Doors Open & Socializing (Beer & Soft Drinks)  
6:30 p.m. Dinner Served (Grilled Steaks)  
7:00 p.m. Chapter Business  
7:15 p.m. to 8:00 p.m. Main Program

**Cost:** \$20/person (includes food and beverages) Guests are welcome!

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

**RSVP:** Please RSVP for this meeting to [programs@ashrae4greenville.com](mailto:programs@ashrae4greenville.com) no later than Monday, March 7, 2005

**Meeting 2: Ammonia Refrigeration Application and Design Practices  
(Includes Facility Tour of Sara Lee)**

**Location:** Sara Lee, 1916 Piedmont Highway, Greenville, SC 29605

**Directions:** **If coming south on I-85:** Take exit 45 (Whitehorse Rd., Piedmont Hwy.) Stay straight on exit to stop sign at Piedmont. Take left onto Piedmont. Plant is on left.  
**If coming north on I-85:** Take Whitehorse Rd. exit, Take left onto Whitehorse. Go to second stop light and take right onto frontage road. Plant will be on the right.  
**Park in the new parking lot in front of the plant that fronts I-85. Enter plant through wooden double doors at main office.**

**Date:** Tuesday, March 15, 2005

**Time:** 4:45 p.m. Doors Open  
5:00 p.m. Main Program  
5:45 p.m. to 6:30 p.m. Facility Tour

**Cost:** \$ FREE \$ Guests are welcome!

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

**RSVP:** Please RSVP for this tour to [programs@ashrae4greenville.com](mailto:programs@ashrae4greenville.com) no later than Wednesday, March 9, 2005

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

**James Bryan PE  
Programs Chairman**

## ***Membership Corner***

We only have three meetings left this year and since it would be nice to give out the award for the membership contest at the May meeting you really need to get any names you are claiming turned in to me. Only two people have officially turned in any names and I know some of you have been working on getting new members. Just email the names to me at [caroll.suttles@piedmontng.com](mailto:caroll.suttles@piedmontng.com) and when I get verification from ASHRAE that they have actually joined they will count toward your number in the contest. Remember, the winner gets a \$100 gift certificate to the restaurant of their choice.

Attendees at the last meeting - Steve Abernathy, Eddie Arledge, Adolph Beyerlein, John Bindewald, James Bryan, Ken Clark, Devon Cortright, Karl Counts, Wade Crow, Walter Henson, Rodney Hinton, Barry Jones, Bill Knight, Patrick Leake, Warren Maddox, Jim McCarter, Jay McCutcheon, Jeff Mitchell, Dennis O'Keefe, Gary Osteen, Ray Putman, Jim Reeves, Mark Speck, Bob Speer, Caroll Suttles, Gene Adams, Debbie Wise, Mike Wienold, Frank Bridges, David Harrison, Jack Edney, Lawrence Pittman, Lee McElrath, Billy Austin.

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/teaward.htm> for forms and more information. Then proceed as follows:

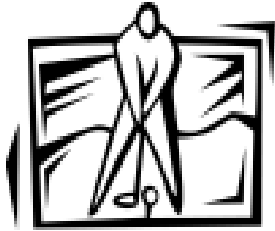
- Complete the "Short Form" and use it as the cover page.
- Provide a system schematic/diagram not larger than 11" x 17" in size. In addition, attach a brief narrative (maximum of 2 pages). The narrative should include the gross and net building areas applicable to the project, a description of the major 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***

Dust off the clubs and polish the shoes! The next fundraiser for ASHRAE Resource Promotion will be our Spring Golf Outing. This event will be held at the Pebble Creek Country Club in Greenville on Friday morning, May 6th. We will have a shotgun start at 8:30 AM and your \$60 fee includes range balls, greens fees, cart, lunch, beverages and all the fellowship you can stand! The driving range and registration desk to open at 7:30 am. A \$50 gift certificate will be awarded for the 1st place team, closest to the pin, and longest drive. This will be a major fundraising effort so I'm counting on our proud sponsors to fill up the course with sponsorship signs. Please don't wait for me to call you. If you or your company can be a sponsor for the event, let me know.



**Date:** May 6, 2005, 8:30 AM (Shotgun Start)  
**Location:** Pebble Creek Country Club, Greenville.  
<http://www.pebblecreek-club.com/>  
864-244-8872  
**Cost:** \$60 (includes all)

Once again, I'm listing Corporate Sponsors to the Greenville Chapter for the last 5 years. I would ask that the membership help support those contractors, architects, engineers and vendors, past and present, which have supported Resource Promotion, by making your purchases through them. It would be great if all these companies were spring golf outing sponsors.

Accuflo Services Incorporated  
Carrier Building Systems & Services  
Carrier Corporation  
The Copy Spot, Inc.  
Devita & Associates, Inc.  
Duke Energy Corporation  
Duke Power Co.  
Energy Engineering, Inc.  
Hahn Mason Air Systems  
Hefco LLC  
Invesys Building Systems  
James M. Pleasants Co.  
Johnson Controls Inc.  
Trane  
United Engineering Group  
York International

Marshall Clarke Architects, Inc.  
Leblanc Welch Inc.  
Miller Engineering Inc.  
Palmetto Air & Water Balance, Inc.  
Peritus Engineers & Associates, Inc.  
Leblanc Welch Inc.  
Miller Engineering Inc.  
Palmetto Air & Water Balance, Inc.  
Peritus Engineers & Associates, Inc.  
Piedmont Natural Gas  
R. L. Kunz, Inc.  
Sanders Brothers, Inc.  
Sonopress  
Waldrop Heating & Air Conditioning  
Wade Crow Engineering

Individual sponsors for this year's 2004–2005 Resource Promotion campaign include:

Mr. Phillip W. Scoggins  
Mr. Patrick R Leake  
Mr. Robert W. Wiggins, Jr.  
Mr. Karl Counts  
Mr. Edwin W Evans

Mr. Robert Speer  
Mr. Paul E. Jensen  
Mr. William D. Knight, Jr.  
Mr. Dennis O'Keefe  
Mr. James E. Reeves, Jr.

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

# Greenville Chapter ASHRAE

## 2004-2005 Chapter Officers

Office	Officer	Company	Phone	Fax	email
President	Karl Counts	Day & Zimmermann	241-8335	241-6750	<a href="mailto:president@ashrae4greenville.com">president@ashrae4greenville.com</a>
Programs/ VP	James Bryan	O'Neal, Inc.	298-2148	298-6330	<a href="mailto:programs@ashrae4greenville.com">programs@ashrae4greenville.com</a>
Secretary	Karl Counts	Day & Zimmermann	241-8335	241-6750	<a href="mailto:president@ashrae4greenville.com">president@ashrae4greenville.com</a>
Treasurer	Devon Cortright	H2L	233-8844	232-2679	<a href="mailto:dcortright@h2l.com">dcortright@h2l.com</a>
Membership	Caroll Suttles	Piedmont Natural Gas	233-7966	233-6104	<a href="mailto:membership@ashrae4greenville.com">membership@ashrae4greenville.com</a>
Resource Prom.	Dennis O'Keefe	Piedmont Natural Gas	250-2822	250-0585	<a href="mailto:resourceProm@ashrae4greenville.com">resourceProm@ashrae4greenville.com</a>
CTT	Jamie Porterfield	Waldrop Heating & Air	578-7252		<a href="mailto:ctt@ashrae4greenville.com">ctt@ashrae4greenville.com</a>
Historian	Steve Abernathy	Piedmont Natural Gas	233-7966	233-6104	<a href="mailto:history@ashrae4greenville.com">history@ashrae4greenville.com</a>
Webmaster	Karl Counts	Day & Zimmermann	241-8335	241-6750	<a href="mailto:president@ashrae4greenville.com">president@ashrae4greenville.com</a>

## Tentative Meeting Dates for 2004-2005

Mon 9/27/2004	Constant Volume Zoning Applications and Design	Jeff Swiderski, Carrier Controls
Tues 10/19/2004	Water-Cooled Vert. Self-Contained DX Applications Facility Tour: Poinsett Plaza (by Doug Black)	Paul Jensen, Trane Company
Tues 11/23/2004	10 Important Changes to the 2003 IMC	Tony Longino, Chief Mechanical Inspector
Tues 12/14/2003	Is It Raining In Your Boiler?	Chris Edmondson PE, James M Pleasants
Tues 1/18/2004	Application of ASHRAE Standard 15	Tom Watson PE, McQuay International
Tues 2/15/2004	HVAC Insulation, One Key to a Healthy Building	Glenn Brower, Knauf Insulation
Tues 3/8/2004	Joint Meeting with Mechanical Contractors Asso.	Frank Wilson, Sptbg Co. Bldg Inspector
Tues 3/15/2004	Ammonia Refrigeration Design and Application Facility Tour: Sara Lee	TBD
Wed 4/13/2004	ASHRAE Satellite Broadcast on Mold	ASHRAE
Tues 4/19/2004	Natural Gas Piping 101	Piedmont Natural Gas
Tues 5/17/2004	Cleanrooms for Pharmaceutical/Biological Facilities	Manuel Del Valle PE, Fluor

Greenville Chapter of ASHRAE



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Technology for a Better Environment