



Giga-Joule

Greenville
Chapter of
ASHRAE

October 2003

Meeting Announcement

This month's meeting will be held on Tuesday, October 21, 2003 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 call Ryan McCleary @ 864-627-9675 ext.117 or email ryan.mccleary@york.com or visit www.ropermountain.org.

NOTE: Use Temporary Entrance on the I-385 Frontage Rd. (see website)

A Message From the President



Ryan McCleary
Greenville Chapter
President

The Greenville Chapter would thank Mr. Gil Avery for his wonderful presentation at September's meeting. The presentation was well received from all attendees I have spoken with, and I feel that Karl Counts has done a great job finding topics and speakers that speak to the consulting engineering community here in Greenville.

Our gratitude also goes out to Mr. Billy Austin, the Regional Vice Chairman for Membership for ASHRAE's Region IV. Billy paid a visit to us last month, and his comments and encouragement are much appreciated.

On the subject of membership, talk to your co-workers (whether they are ASHRAE members or not) and encourage them to come to the meetings. Remember, these are worth PDHs for continuing education and maintaining your P.E. license! We're putting on great programs this year and we need you there to make it all worthwhile.

Remember also to turn your teams in for the Golf Tournament coming up on October 28th. After the tremendous efforts of the Chapter to raise money last year, we have a lot to live up to. Come out and help support Resource Promotion, but most importantly come out and have fun!

ASHRAE is here for each and every one of you. Please get involved and give back to an organization that is here to support you and the future of your livelihood.

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

Ryan McCleary
Greenville Chapter President

Chapter Programs



I hope everyone enjoyed last month's program presented by Gil Avery. Gil lived up to his advanced billing. Those of you that were unable to attend, missed out meeting Gil and learning from his substantial knowledge and experience with VAV DX cooling systems. The ratings taken after Gil's program averaged above 95%!

This month, we are very fortunate to have Art Hutson share some his vast knowledge of fan applications with us. Art is a graduate of Auburn University and former Engineering Officer in the United States Navy. Following his military service, Art continued his technical training in Buffalo Forge Company's year long sales representative training program. He then moved to Greenville, SC taking a job as Buffalo Forge sales representative with R.L. Kunz, Inc. These days Art can still be found at R.L. Kunz, where he is now Vice President. Kunz's fan product line has evolved over the years to include a wide spectrum of products and includes American Fan, Clarage Fan, and Twin-City Fan & Blower. Art's advice is sought by engineer's and building owner's alike when facing particularly challenging fan problems.

Art's program for our October meeting is "Selecting The Right Fan", and its focus is on choosing the proper type of fan to suit specific applications. Art will review the myriad types of axial and centrifugal fans. He will discuss the considerations for proper fan selection. This program is aimed at HVAC & Industrial Design Professionals; to make them aware of all the choices available, and possibly steer them away from the most frequent, problematic misapplications.

Karl Counts
Programs Chairman

Please RSVP to kcounts@onealinc.com no later than Friday October 17, 2003

Student Activities

We had a great September seminar at Clemson University. The students had tons of questions for me. There was good turnout of the Construction Science and Architecture students and one of our regular members from Asheville attended. Unfortunately, there was a problem getting the meeting notice out to the Mechanical Engineering Students. I will try a different method of approach this month. If anyone friends in the mechanical department at Clemson, please let me know. The next Clemson seminar is official, and will be on Ice Storage Technology. Mark your calendars for October 23rd at 6:00. Special thanks to Bob Wegmann of Calmac for leading the seminar.

Rob Turner
Student Activities Chairman

Membership Corner

October's meeting will be one of our Membership promotion meetings for this year. If you bring a prospective member to the meeting that prospect will eat free, and if the prospect completes an application at the meeting you eat free also!

Recent new members that have joined in the last few months are Eddie Arledge, Jim Critcher, and Chad Martin. Welcome aboard.

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

Carroll Suttles
Membership Chairman

Resource Promotion



Our Fall Golf Outing to benefit Resource Promotion is coming up Tuesday, October 28th. The golfer sign-up and sponsor sign-up forms are attached. Please take advantage of this opportunity for Fun, Fellowship & Fund raising!

Ken Clark
Resource Promotion Committee 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.

Greg Kyzer
TEGA Chairman

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ASHRAE

(AMERICAN SOCIETY OF HEATING, REFRIGERATING AND
AIRCONDITIONING ENGINEERS)

CLEMSON STUDENT CHAPTER

**Energy Studies Laboratory
(DILLARD BUILDING)**

6:00 PM, THURSDAY, OCTOBER 23, 2003

ICE STORAGE TECHNOLOGE

GUEST SPEAKER

Bob Wegmann

Calmac

Jointly sponsored by **The South Carolina Institute for Energy Studies**, the **Clemson University School of Building Design** and the **Greenville Chapter of ASHRAE**.

Learn how this cross-disciplinary professional organization can enhance your college and professional career through scholarships, technical competition, networking, resume services combined with opportunities for fellowship and fun!

PIZZA WILL BE SERVED !!

(Any questions? Prof. Ray Schneider 656-6739, rkschne@clemson.edu)

Greenville Chapter ASHRAE

2003-2004 Chapter Officers

Office	Officer	Company	Phone	Fax	email
President	Ryan McCleary	York International	627-9675	627-0953	ryan.mccleary@york.com
Programs/ VP	Karl Counts	O'Neal, Inc.	298-2170	298-6330	kcounts@onealinc.com
Secretary	James Bryan	O'Neal, Inc.	298-2148	298-6330	james.bryan@onealinc.com
Treasurer	Devon Cortright	H2L	233-8844	232-2679	dcortright@h2l.com
Membership	Caroll Suttles	Piedmont Natural Gas	233-7966	233-6104	caroll.suttles@piedmontng.com
Resource Prom.	Ken Clark	Thermal Resource Sales	250-2822	250-0585	trskn@bellsouth.net
Student Activities	Rob Turner	Wade Crow Engineers	585-9903	585-4528	rt_wcengineer@bellsouth.net
TEGA	Grey Kyzer	Arcadis G & M	241-5106	235-9062	gkyzer@arcadis-us.com
Historian	Steve Abernathy	Piedmont Natural Gas	233-7966	233-6104	steve.abernathy@piedmontng.com

Tentative Meeting Dates 2003-2004

November 18, 2003

December 16, 2003

January 20, 2004

February 17, 2004

March 16, 2004

April 20, 2004

May 18, 2004

