



# The Razorback Report

Arkansas Chapter Newsletter for the  
American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc.

www.arkansasashrae.org

Volume XV, Issue V, January 2004

## The President's Message

By Rick Sellers, P.E.

Greetings and Happy Holidays fellow ASHRAE members. Thanks to everyone for attending our December meeting at the Whole Hog Café. We had another large turnout for another great program. Let's keep up the great attendance.

January is our annual joint meeting with CSI and it's our turn to host so we need lots of ASHRAE folks in attendance. This year we're pleased that USGBC will also be joining us for what promises to be a great meeting. The Tech Session speaker will be Ms. Jan Meyer (Cromwell Architects and Engineers) who will review the prerequisites and credits listed in the Energy and Atmosphere section of LEED (Leadership in Energy and Environmental Design). As many of you know, Fundamental Building Systems Commissioning is one of the prerequisites and that will be the subject for our Program. Mr. Jerry Beauers (Olsson Associates, Inc.) will present the program on Commissioning. Please note the meeting will be on a Tuesday night (01/06/04) at the Little Rock Club. This is a great chance to meet and greet some of the other people from our industry, involved in these other great organizations, so mark your calendars now and make plans to attend.

Your Vice President, Mr. John Carter, is looking for volunteers for next years Grass Roots Committees. I won't list all of the committees here but look on the back page of the newsletter for a complete listing. I encourage all of you to get involved with, and support, your Chapter by serving on one of these committees. For those of you who haven't been involved before, it's a great chance to learn more about the workings of the Chapter, Region and Society. I've often said "its a little work & a lot of fun". It really is and it's a great group of people and a worthwhile investment of your time. And for those of you who have served before, I encourage you to get back involved. It's your Chapter and it needs your support. Call John today.

That's it for now, as always, you can find out what's going on in the Chapter by visiting our website – www.arkansasashrae.org.

See you January 6<sup>th</sup>.

## January Meetings

### Central Arkansas

**Date:** Tuesday, January 6<sup>th</sup>  
ASHRAE / CSI / USGBC Joint Meeting  
**Location:** Little Rock Club  
Regions Bank Building  
**Cost:** \$20.00 / person  
**Schedule:**  
4:30 pm Board Meeting  
5:30 pm Social  
6:00 pm Tech Session "Review of LEED - Energy and Atmosphere"  
by Jan Meyer w/ Cromwell  
6:20 pm Dinner / Dessert  
6:45 pm Program "Commissioning"  
- 7:30 pm by Jerry Beauers w/ Olsson Assoc.

Meeting Sponsor: Cromwell Architects / Engineers

### Northwest Arkansas

**Date:** Thursday, January 8<sup>th</sup>  
**Location:** A.Q. Chicken Resturant  
Springdale  
**Schedule:**  
5:30 pm Social  
6:00 pm ASHRAE Business / Dinner  
6:30 pm - Program - "Dehumidification  
7:15 pm Technologies for Packaged Equipment"  
by Rod Coole w/ AAON

Meeting Sponsor: Airetech Corp.

## Northwest Arkansas Section

By David Sheets

Mr. Gil Avery was the speaker at the December 4th NW Ark ASHRAE meeting. He gave an excellent presentation on air-side economizer systems and building pressurization. The meeting was well attended with 25 members and guest present. Door prizes were given away and the winners were: David Sheets, cap donated by Munters Corp.; Bill Sharp, die-cast car donated by Lennox; and Bob Boatright won the cash prize of \$17. An additional \$17 will be donated to ASHRAE Research bringing the total to \$132 being donated by the NW Arkansas Section.

The next meeting will be hosted by Airetech Corporation and will be held on Thursday, January 8th at AQ Chicken in Springdale. The speaker will be Mr. Rod Coole from AAON. Social time will begin at 5:30, dinner at 6:00, and the meeting at 6:30. Invitations will be sent out next week. Hope to see everyone there.

## December Board of Governors, Officers, And Committee Chairmen Meeting Minutes

By Chance Hollingsworth, Chapter Secretary

**Call to Order:** President Rick Sellers called the meeting to order at 10:40 a.m. The meeting was held on December 3, 2003 at The Whole Hog Cafe. Those present were: Rick Sellers, John Carter, John Hodoway, Chance Hollingsworth, Russell Black, Wade Wetzler, Chris Call, Randy Moore, James Dayer, Scott Smith, Chris Ahne, Tom Hanlon, James McKinnie, Steve Titus.

**President:** President Rick Sellers opened the meeting and requested Chapter Secretary Chance Hollingsworth to read Old Business. President Sellers called for committee chairs to consider repeating or moving up in committee chairs for next year. President Sellers announced an upcoming meeting with the local charter chapter of the U.S.G.B.C. to discuss a co-sponsorship of the upcoming "Sustainable Arkansas" Trade Show. Arkansas ASHRAE will participate in two continuing education seminars.

**Vice President/Programs:** Vice President John Carter detailed the technical session and program for today's meeting. Mr. Ed Tinsley P.E. will present a technical presentation on "New Ventilation Technologies" and Mr. Gill Avery P.E. will present this month's program titled "Operating Chillers in the Maximum Capacity Range"

**Secretary:** A motion to approve Meeting Minutes as published in the December Newsletter with a verification of the attendance numbers was voted on and passed

**Treasurer:** Treasurer John Hodoway presented the monthly Treasurer's report. Treasurer Hodoway discussed outstanding receivables from the fall Annual ASHRAE Golf Tournament.

**Membership:** Chairman James Dayer announced that the January chapter meeting will be one of two Membership Promotion Nights. Chairman Dayer will post an announcement in the upcoming newsletter.

**Research Promotion:** Chairman Randy Moore announced donor recognition will be made prior to today's program. Chairman Moore made note of an email sent out to Chapter Chairs and Board of Governors detailing the chapters goal of extended golden circle.

**Historian:** Chairman James McKinnie announced he is currently conducting past president leadership interviews. When complete the leadership interviews will be posted in the monthly newsletters.

**Honors & Awards:** No-Report

**Student Activities:** Chairman Chris Ahne reported that last month student activity at Arkansas Tech. University brought in more than 30 attendees.

**TEGA:** Chairman Tom Hanlon recapped the ASHRAE training seminar on "Psychrometrics and Understanding Ventilation for I.A.Q.", discussed attendance and money raised.

**Newsletter:** Chairman Wade Wetzler announced that December 22<sup>nd</sup> will be the deadline for newsletter articles.

**Social:** Chairman Eddie Finley discussed the possibility of an Arkansas ASHRAE Christmas get together or pushing back any social functions until next year.

**Reception:** Chairman Scott Smith announced this month's meeting auction item was donated by Powers of Arkansas.

**Webmaster:** No-Report

**Old Business:** (CRC Treasurer Wade Wetzler) establish a savings/money market account for CRC contributions.

**New Business/ Action Items:** No new business

**Adjournment:** After no further new business President Sellers adjourned the meeting at 11:07 a.m.

## December Arkansas ASHRAE Chapter Meeting Minutes

By Chance Hollingsworth, Chapter Secretary

**Call to Order:** At 11:30 a.m. the Chapter meeting was called to order with 57 members and 5 guests in attendance. The meeting was held at The Whole Hog Cafe on December 3rd, 2003. The program began with the Technical Session.

**Technical Session:** Technical session highlighted "New Ventilation Technologies" presented by Mr. Ed Tinsley P.E. Mr. Tinsley discussed the ventilation compromise between I.A.Q. and Energy cost. Outlined means of determining ventilation rates, the effect of ventilation rates on loads, and ventilation technologies. Mr. Tinsley highlighted building codes, requirements for building pressurization, cooling and heating loads, and humidification loads that need to be considered when evaluating a ventilation system. Mr. Tinsley discussed several commonly used systems and a few new systems utilized to meet IAQ requirements and listed the advantages and disadvantages of each.

**Program:** President Sellers opened the general meeting at 11:32 a.m. Program Chairman John Carter introduced this month's program and presenter Mr. Gil Avery P.E. Mr. Avery's Program was titled "Maximizing Cooling Capacity of Central Plant Chillers". Mr. Avery began the program by highlighting typical central plant designs. Mr. Avery discussed the advantages of installing a check valve in the bypass line on a primary / secondary system and reported on the savings realized by a facility after installing the check valve. Mr. Avery discussed several control strategies in which varying flow and water temperatures can increase chiller efficiency and capacity.

**Auction Item:** A Christmas Poinsettia donated by Powers of Arkansas was auctioned off. Mr. Tom Hanlon was the high bidder with a bid of \$50.00. Proceeds from the auction item go to Arkansas Chapter's ASHRAE contribution.

**Adjournment:** With no further business the meeting was adjourned at 1:00 p.m.

### January Program Summary

by John Carter, Program Chariman

Hello, Arkansas-ASHRAE. This month's speaker, Jerry Beauers from Olsson Associates, Inc.-Kansas City, will present a program on "Commissioning". As a prelude to the program, Jan Meyer of Cromwell Architects and Engineers, will be presenting a technical session on the prerequisites and credits listed in the Energy and Atmosphere section of LEED (Leadership in Energy and Environmental Design). This should be a great source of education and a great way to interact with industry folks from sister organizations.



American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.

## Arkansas Chapter Meeting RSVP Form

Company Name: \_\_\_\_\_

Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Signed: \_\_\_\_\_

For reservations to the Central Arkansas Chapter meeting fax this form by **Friday, January 2<sup>nd</sup>** to **501-663-8888 Attn: John Carter**

For reservations to the Northwest Arkansas Chapter meeting send this form by **Monday, January 5<sup>th</sup>** to **nwarkashrae@yahoo.com Attn: David Sheets**

ROUTING

MEMBER NAME (PLEASE PRINT)	CENTRAL Jan 6 <sup>th</sup>	NW ARK Jan 8 <sup>th</sup>	EATING (Y or N)

Please fax this form to the name and fax number above. The meal is no cost to student members, however an RSVP is necessary. All "no shows" will be responsible for the cost of their meal.

**In order to provide you with the best service for your Chapter's money, it is necessary to RSVP for each meeting.**

Thanks to our January Meeting Sponsor:

**CROMWELL**  
**ARCHITECTS / ENGINEERS**  
 101 SOUTH SPRING STREET  
 LITTLE ROCK, AR 72201  
 501-372-2900

### This Month in Arkansas ASHRAE History

By James McKinnie

18 Jan 1966: The chapter met at the Sam Peck Hotel at 5pm. The technical session was limited to a discussion of the programs for the rest of the year. George Tribble and Gerry Biehn of Westinghouse presented the main program on their new HI-RE-LI refrigerant control system, which would be used in their full line of heating and air conditioning equipment. The local ABC affiliate attended the meeting and provided 40 seconds of coverage on the 10pm broadcast on this meeting.

18 Jan 1972: The board met at the Sam Peck Hotel at 5pm to discuss CRC preparation and efforts to teach a refrigeration course. During the technical period, Harry Tschumi discussed small air conditioning systems. The chapter president, John Pate, called the meeting to order after dinner and introduced several members from Fort Smith who were in attendance. The program topic was a panel discussion on "Air Conditioning Systems from a Serviceman's Point of View," with participation by Art Pfeifer, Cecil Mosely, Carmey Ivy and Vernon Baker. Topics included (1) who furnishes wiring diagrams for the chiller, pump and motor controls and that few engineers furnish point-to-point wiring diagrams, (2) feed water pumps on boilers, economizers and ductwork, and (3) who should sponsor the Certified Refrigeration Mechanics program.

10 Jan 1986: The chapter attended Murray's Dinner Playhouse and saw "Greater Tuna." This event was in lieu of a Christmas party the previous month.

**TEGA News**

By Tom Hanlon

I'm really excited about our January meeting. Our program is on system commissioning and will feature Gerald (Jerry) Beauers PE, with Olsson & Associates of Kansas City. Jerry is a long time veteran of the commissioning business and as the song goes "was commissioning before commissioning was cool". Jerry is a has been presenting on a National level for some time and is on the NEBB (National Environmental Balancing Bureau) Commissioning Board. Believe Jerry we will bring us a lot of insight into the process and we'll probably see some uses for commissioning that are new to us.

As noted in John's announcement this is a joint meeting with CSI and USGBC. Think this is a real good opportunity for us to get a better understanding of the USGBC direction and be brought up to date on the LEEDs process. This group is really aggressive and we are all going to be involved LEEDs projects very soon. So let's turn out in a big way and really support this meeting.

A challenge. Invite and bring a guest to this meeting that doesn't normally attend any of these functions. We will have enough diversity in the people and the topics to make the event interesting to all. Would be good for us and good for our guests.

HAPPY HOLIDAYS

**2003-2004 Chapter Officers**

<u>President</u>	Rick Sellers	501-374-3731	fax: 374-1802
<u>Vice-Pres.</u>	John Carter	501-666-6776	fax: 663-8888
<u>Secretary</u>	Chance Hollingsworth	501-374-5420	fax: 370-9298
<u>Treasurer</u>	John Hodoway	501-372-2900	fax: 372-0482

**Board of Governors**

Chris Call	501-663-8886
Russell Black	501-327-2409
Steve Titus	501-375-1181
Tracy Hayes (CRC Delegate)	501-833-0239
Randy Moore (CRC Alternate)	501-280-0404

**Committee Chairs**

Membership	James Dayer	501-663-8886
Student Activities	Chris Ahne	501-661-0621
Programs	John Carter	501-666-6776
Historian	James McKinnie	501-987-7666
Refrigeration	Mike McClellan	501-661-0621
Research	Randy Moore	501-280-0404
Honors & Awards	Tracy Hayes	501-833-0239
TEGA	Tom Hanlon	501-661-0621
Newsletter	Wade Wetzler	501-803-3328
NW Section	David Sheets	479-636-5004
Social	Eddie Finley	501-374-5420
Reception	Scott Smith	501-666-5488
Webmaster	Ben Baugher	501-280-0404

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P.O. Box 180

Little Rock, AR 72203