



The Razorback Report

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

www.arkansasashrae.org

Volume XVII, Issue 2, October 2005

The President's Message

By Chance Hollingsworth

Thanks to all our members who supported your Arkansas Chapter of ASHRAE by attending our September meetings. Arkansas ASHRAE was honored to co-host the September meetings with the American Association of Professional Estimators (A.S.P.E.). A.S.P.E. members presented a program on Construction Cost Estimating for both our Northwest Section and Central Arkansas Meetings. Both meetings were very informative and well attended. The distinguished list of presenters represented many of the top firms in the Arkansas Construction Industry. Special thanks to our presenters: Doyle Phillips with Baldwin Shell Construction Company, Sam Weatherford with Comfort Systems USA. (Arkansas), Art Kornblatt with I.K. Electric, and Walter Gould with Nabholz Construction.

In September Little Rock was honored to host the CAPPa Annual Conference. CAPPa is an association of Central Physical Plant Administrators in institutions of higher education. CAPPa members from institutions in Arkansas, Kansas, Missouri, Nebraska, North Dakota, Oklahoma, South Dakota, Texas and the Canadian province of Manitoba gathered in Little Rock for business and educational sessions. Many of our fellow ASHRAE members presented programs on such topics as Commissioning for L.E.E.D. Projects and Low Temperature / Low Flow Chilled Water Systems. Our members play a vital role for ASHRAE by transferring society standards and technological advancements to other industry associations such as CAPPa. Special Thanks to Hamid Habibi P.E., Scott Turley P.E., Chris Ladner, Tom Hanlon and others who presented at the CAPPa conference for their time and efforts on behalf of ASHRAE to promote the arts and sciences of HVAC & R.

Check out your chapter website at www.arkansasashrae.org. Bill Simpson, Arkansas Chapter Webmaster has given our website an updated look and enhanced functionality. Look to our Website for upcoming industry events, chapter meetings, social events, student activities, chapter newsletters and photos from past events and activities. Soon you will be able to RSVP for chapter meetings, view meeting notes and browse posted resumes.

NEBB and Arkansas ASHRAE will be co-hosting the NEBB recertification seminar on Oct. 14 at Pulaski Tech. Please contact our Continuing Education Chairman Tom Hanlon for more information.

Reminder: Send in your team for the October 7th 2005 ASHRAE Research Fall Golf Tournament at Stonelinks Golf Course. The ASHRAE golf tournament is the primary fundraiser for the Chapter, with funds going to ASHRAE Research.

OCTOBER MEETINGS

Northwest Arkansas

Date: Thursday, October 6th
Location: A.Q. Chicken, Springdale, AR
Schedule: 5:30 - Social
6:00 - ASHRAE Business / Dinner
6:45 - Program - "ASHRAE 90.1-2001 and the 2004 Arkansas Energy Code" by John Hodoway
Cost: \$10.97 / person

Central Arkansas

Date: Tuesday, October 4th
Location: Whole Hog Cafe, Little Rock, AR
Schedule: 10:30 - Board Meeting
11:30 - Tech Session - Membership by James Dayer
12:00 - "ASHRAE 90.1-2001 and the 2004 Arkansas Energy Code" by John Hodoway
Cost: \$15.00 / person

**2005 ASHRAE Research
Fall Golf Tournament**

Friday – October 7th

1:00 P.M. - Shotgun Start

**Stonelinks
Golf Course**

see insert for more details.

Your support is needed; you can participate by being a team sponsor, hole sponsor, corporate sponsor or a volunteer. Please contact James Panasiuk to get involved.

Mark your calendars for Oct. 4th in Central Arkansas and Oct. 6th in Northwest Arkansas. John Hodoway has prepared an exceptional program on ASHRAE Standard 90.1 2005. Expect an insightful, informative review of the latest edition of this ASHRAE Standard.

Board Meeting of September 15, 2005

Officers and Board Members Present

Chance Hollingsworth, President
 John Hodoway , VP, Programs Chair, Technology Chair
 Kim Koch, Secretary
 Steve Titus, Treasurer
 Terry Granderson, BOG
 John Oliver, BOG
 Rick Sellers, CRC Delegate, Honors & Awards Chair
 John Carter, CRC Alternate, Research Promotion Chair

Committee Chairs Present

James Dayer, Membership Promotion Chair
 Stephanie Woolf, Student Activities Co-Chair
 Tracy Hayes, Historian
 James Panasiuk, Social Chair
 Bill Simpson, Webmaster
 Chris Ahne, Newsletter Editor

Meeting Minutes

President Chance Hollingsworth called the meeting to order at 10:32 A.M.

Old Business

President Chance Hollingsworth updated the board on the status of the Auditing committee. Randy Moore has begun to assemble the needed records. The committee will review the previous financial years and the chapter bylaws.

John Hodoway reported that there has been no interest at this point in time for hosting an on-line seminar. Chance stated he would make an announcement in an upcoming meeting to see if there was any interest from the chapter.

John Carter reviewed items covered at the Research Promotion Goal Setting Session in Austin, TX. John has started setting up call lists and identified potential new industry donors.

Webmaster Bill Simpson reviewed the choices for website hosting. The choices were discussed at length. Tracy Hayes motioned to continue to have Arkansas Trane host the site as a donation to the chapter. Second by John Hodoway. Motion passed.

Stephanie Woolf reported she would be relocating to the Northwest Arkansas area, therefore a new central section Student Activities Co-chair would need to be found.

New Business

President Chance Hollingsworth reported he still needed MBO's from several committee chairs.

President Chance Hollingsworth distributed information on the ASHRAE 2004-2005 Recognition Program to John Carter.

President Chance Hollingsworth distributed passes to the Winter meeting in Chicago and encouraged everyone to attend. The meeting will be Jan 23-25.

President Chance Hollingsworth reported that the Energy Policy Act of 2005 would allow for tax deductions when buildings achieved greater than 50% improved performance over ASHRAE 90.1. He proposed this topic as a tech session for upcoming meetings.

President Chance Hollingsworth reported on travel arrange-

ments and lodging for the CRC in Cancun April 27-29th.

President Chance Hollingsworth reported that the Dallas chapter has already achieved their Full Circle Contribution award. He encouraged all present to contribute prior to the next meeting in an effort to achieve Extended Full Circle.

Chapter Tech. Transfer chair John Hodoway reported the next meeting will be October 8th at the Whole Hog Café. John also updated the board on updates to the NEBB and steam continuing education seminars.

Treasurer Steve Titus presented the 2005-2006 budget with amended changes to the board for approval. Chance Hollingsworth motion, Rick Sellers second. Motion Passed.

Treasurer Steve Titus presented the August Monthly budget report for approval. John Carter motion, John Hodoway second. Motion passed.

Secretary Kim Koch presented the May Meeting Minutes as printed in the September newsletter for approval. Terry Granderson motion, Chance Hollingsworth second. Motion passed.

Historian Tracy Hayes reported that she had the Awards banner and will be adding all new awards. Rick Sellers volunteered to bring the banner to future meetings.

Newsletter editor Chris Ahne reported the next Newsletter deadline is Friday September 23rd.

Membership chair James Dayer reported he would soon be beginning the delinquency campaign. He stated that letters have been ineffective in the past and he would be utilizing e-mail and phone calls instead.

Webmaster Bill Simpson reported the updated website would be up within a week.

James Panasiuk reviewed the plans for the Fall golf tournament on October 7th.

A motion to end the meeting was made by Rick Sellers at 11:26. Second by Tracy Hayes. Motion passed.

Membership Meeting of September 15, 2005

Members Present

60 Members, 15 Guests

Meeting Minutes

President Chance Hollingsworth opened the meeting at the Double Tree Hotel and welcomed all members and guests. Chance thanked ASPE for joining us for the meeting.

President Chance Hollingsworth introduced Past President John Carter to review the awards and achievements of the previous year.

President Chance Hollingsworth introduced James Panasiuk to promote the fall golf tournament at Stonelinks on October 7th.

President Chance Hollingsworth reviewed the dates and locations for the ASHRAE winter meeting and CRC this year.

President Chance Hollingsworth introduced Ronnie Garrett to speak about the ASPE organization. ASPE will be celebrating their 50th anniversary next year. The Arkansas Society of Professional Estimators (ASPE) was created with dedication and commitment to the idea of providing its membership with many tangible benefits including continuing education, an opportunity

(Continued on page 3)

(Continued from page 2)

to become recognized as a Certified Professional Estimator, and networking with fellow professionals. Ronnie welcomed all present to attend ASPE's casino night on the third Saturday of the month at Powers of Arkansas.

President Chance Hollingsworth introduced Doyle Phillips with Baldwin & Shell Construction, Art Korenblat with IK Electric Co. and Sam Weatherford with Comfort Systems USA to present the program on Construction Cost Estimating. Trends in construction costs and estimating best practices were discussed along with some "rules of thumb" for current costs in healthcare construction. Sam Weatherford stated that he has seen dramatic increases in the past year. He stated he currently has seen costs in his field around \$75/ square foot for hospital con-

struction. Art Korenblat also reported increases in electrical construction cost. He emphasized some of the benefits of working as a team throughout the construction processes to control costs. Doyle Phillips reported that in the past there has been a typical increase in construction cost of 3-5% per year. In the past 18 months there have been increases as much as 1-1.5% per month. Materials such as drywall, plywood and cement have all increased dramatically and there are expected to be more increases with the upcoming shortages caused by hurricane Katrina.

President Chance Hollingsworth thanked the presenters and adjourned the meeting.

Board Meeting of 8/24/05

Officers and Board Members Present

Chance Hollingsworth, President
John Hodoway, VP, Programs Chair, Technology Chair
Kim Koch, Secretary
Rick Sellers, CRC Delegate, Honors & Awards Chair
John Carter, CRC Alternate, Research Promotion Chair

Committee Chairs Present

James Dayer, Membership Promotion Chair
Stephanie Woolf, Student Activities Co-Chair
Shawn Wilson, NW Section Leader
James Pansiuk, Social Chair
Ashley Roach, Reception Chair
Bill Simpson, Webmaster
Chris Ahne, Newsletter Editor
Wade Wetzler, Publicity Chair

Meeting Minutes

Old Business

President Chance Hollingsworth requested MBO's be turned in by all officers and chairs. He asked the outgoing chairs to forward their previous years MBO's to the new chairs for a reference.

Chance reviewed chapter goals and upcoming deadlines for MBO's, approved budget, etc.

New Business

Chance presented information concerning the Winter meeting in Chicago and encouraged all present to attend.

Chance presented information regarding hosting an on-line learning seminar. The board discussed the merits and logistics at length. John Hodoway was assigned to research the interest of the chapter and possible topics further and report to the board.

Vice President John Hodoway reviewed the upcoming years meeting dates and topics. John reported the September meeting would be a panel discussion on construction cost estimating. The Northwest section meeting will be September 8, 2005 at AQ Chicken. The Central Section September meeting would need to be held in a different location due to the expected attendance. Possible locations and times were discussed at length. John was assigned to research mentioned

options and schedule the meeting time and place.

John reported that October and February meetings will be membership promotion. The November and March meetings will be research promotion.

President Chance Hollingsworth reviewed the current budget status. John Hodoway motioned to approve the proposed budget as submitted in the July meeting. The motion was tabled until a quorum could be established at the next board meeting.

Reception Chair Ashley Roach requested that the RSVP list for the meetings be sent to her for coordination at sign in. Efforts to help keep the e-mail and mailing list updated were discussed at length.

Research Promotion Chair John Carter discussed establishing additional recognition for companies/individuals that consistently donate generously. Special recognition was discussed for parties that donate \$2000.00 or more. John was assigned to research recognition ideas.

Newsletter Editor Chris Ahne reported that the newsletter deadline is August 29th. He requested all articles and pictures for inclusion in the newsletter be sent to him by August 26th for editing.

Webmaster Bill Simpson reported he has begun a new home page. The template has been build. He requested articles and picture be sent to him for posting on the website. He reported that the cost of the site including video capability would be \$400 through Alltel. President Chance Hollingsworth requested he research other providers and report back to the board.

Northwest Section Liaison Shawn Wilson reported that one of his main goals for the upcoming year was to work with Student Activities Chair Drew Harrison to revitalize the University of Arkansas student chapter.

Social Chair James Pansiuk reported the fall golf tournament will be help October 7th at Stonelinks. The format will change to a 3-person scramble. Other social activities were discussed at length. James volunteered to try to come up with a survey or some other way to get feedback from the chapter for possible social activities.

Publicity Chair Wade Wetzler reported on CRC information

Check us out on the internet at www.arkansasashrae.org!

NW Section Update

By Shawn Wilson

Northwest Section Update

Thanks to all of you who attended our kickoff meeting September 8th at AQ in Springdale. The forty of us in attendance were treated to a very candid forum on construction cost estimating. A special thank you to Sam Weatherford of Comfort Systems USA and Walter Gould of Nabholz for providing insight into the challenges of budgeting construction projects from the contractor's point of view. This month's meeting will once again be held at AQ in Springdale on Thursday October 6th. Social will begin at 5:30. The October program will be presented by John Hodoway of the Cromwell Firm. John will discuss implementation of ASHRAE standard 90.1. Please mark your calendars to attend. John's perspective and understanding of this important standard should yield an informative and practical program.

I look forward to seeing all of you there.

Continuing Education News

By Tom Hanlon

Our major Continuing Ed event is just a couple of weeks away. The annual ASHRAE/NEBB six hour seminar.

Again this year we're at Pulaski Technical College / North Little Rock. Date is Friday October 14th. Registration opens at 7:30 AM with sessions beginning at 8:15 and going to 4:00 PM.

The morning session is Commissioning and Retro Commissioning presented by Jerry Bauers PE, Board Member of NEBB. We will have two afternoon sessions. First is Pumps and Hydronics present by John Jaco, Armstrong Pump Representative. Second is TAB procedures for Energy Recovery Systems presented by Chris Call, Fluid Solutions.

Continental Breakfast and Lunch will be served.

Should be a great Seminar so plan to attend.

Contact is Jo Kinley @ Arkansas NEBB 501-753-2311.

Student Activities

By Drew Harrison

Student Activities got off to a great start this month. Co-Student Activities Chair Stephanie Woolf and Past Student Activities Chair Chris Ahne visited Arkansas Tech where they had the opportunity to speak to around 35 students. Items that were discussed included the benefits and value that ASHRAE bring to it's Members and to the Industry. During the presentation students were given the opportunity to ask questions about the HVAC industry and about being an Engineer in the Construction Industry. Students reported that they were very pleased with the annual fall visit and that they look forward to future ASHRAE events.

Plans for Student Activities for the next month include a visit to the University of Arkansas Mechanical Engineer Department and possibly co-sponsoring a ASME meeting.

Note: Looking to hire someone !?! Please don't forget us. We have students ask all the time if anyone is hiring. If anyone is looking for a recent College Graduate, please contact either Drew Harrison or Stephanie Woolf to get a list of student resumes. Last year Arkansas ASHRAE helped place one student from the U of A. We are hoping to break that number this year.

New Arkansas ASHRAE Website

By Bill Simpson

Our website, www.arkansasashrae.org has been updated. You can see a screen shot of the new site in the picture below. You can see that it has a new look! I am still working on improvements and enhancements.

If you have any comments about the content or suggestions for additional content, please feel free to contact me via email at wsimpson@trane.com.



Arkansas ASHRAE

ASHRAE Chapter 62

[» HOME](#) [» CONTACT](#) [» SITE MAP](#)

Calendar

Newsletter

Newsletter Archive

Student Activities

Resumes/Help Wanted

Photo Album

Chapter History

Chapter Leadership

Meeting RSVP

Meeting Notes

Links

**WELCOME TO
Arkansas ASHRAE**

The President's Message

By Chance Hollingsworth

Congratulations! For the second straight year your Arkansas Chapter of ASHRAE has been honored by receiving the Golden Gavel. The Golden Gavel is synonymous with the best chapter in ASHRAE. Thanks to John Carter for his tremendous leadership and passion for our chapter.

Our continued success as a chapter is due to the hard work of our members, who give their time and energy to the chapter activities and committees. It is also due to our industries employers, by supporting their employees' memberships in ASHRAE and encouraging their employees' active involvement in our chapter.

This year there will be many opportunities for each of you to get involved in our chapters activities. Members are needed to fill vital roles in many of our chapters committees, we need members to help support student activities, and we need members to support our chapter meetings with their attendance.

Our programs and continuing education committees have been busy tracking our memberships changing needs. This year we will have programs on such topics as Construction Cost Estimating, I.B.C. Seismic Requirements, and Air Side System Design. Our chapter will provide continuing education opportunities on Steam System Design and a short course covering

**IMPORTANT
info**

- Become involved in *your* chapter. Browse our website, attend regular monthly meetings and chapter activities, volunteer your time, contribute to ASHRAE research, go to CRC and ASHRAE Winter and Summer Meetings.

- Turn in articles to the [Arkansas ASHRAE Newsletter Editor](#) to be published in the Razorback Report.

- Region VIII CRC in Cancun, Mexico! More info coming soon.

- Not receiving newsletters or evites for chapter meetings? [Update your ASHRAE Membership profile](#) by clicking this text.

» **Wednesday, October 5:**
Central Arkansas Chapter Meeting at Whole Hog

» **Thursday, October 6:**
Northwest Arkansas Chapter Meeting at A.Q. Chicken in Springdale

» **Friday, October 7:** 2005 ASHRAE Research Fall Golf Tournament at Stonelinks Golf Course

Membership Promotion

By James Dayer

I would like to welcome two new members to the Arkansas ASHRAE chapter. Russell Flynn of Fayetteville, and Darol Harrison of Russellville. We look forward to seeing you at our monthly meetings. The Membership Promotion committee has begun the 05'-06' delinquency campaign. Keeping your membership status current, is an important role that membership promotion tries to provide. Society membership is a prerequisite to local membership. Membership rules state if your dues remain unpaid for 6 months, you will no longer receive the ASHRAE Journal, Insights, or other Society mailings. After 12 months, all unpaid memberships are dropped. Most of the time, people just haven't gotten around to paying their dues. I will be contacting everyone on the current delinquency list in the coming weeks to try and reduce the number on the list to zero.



ASHRAE President Chance Hollingsworth recognized Past-president John Carter for his outstanding achievements in bringing the Golden Gavel Award to the Arkansas Chapter for the second consecutive year.

Got B.A.R.S.?

By Miguel Purdy

You know that big project you just completed commissioning. Yeah, that really big one. It does have an air conditioning system on it, right? Is that system a B.A.R.S.? You don't know what a B.A.R.S. is? Sure you do.

It's a Big A** Refrigeration System. By ASHRAE classification, this equates to a system having central plant 300 tons or larger and used to mechanically produce cooling for human comfort. If you meet this criterion, you might want to think about applying for the "Refrigeration Comfort Cooling Award for Project Excellence".

What are some things considered in the award process?

- Has it been commissioned in the last 36 months?
- How complex is the problem?
- How was your concept?
- How did it integrate architecturally?
- Does it have originality?
- How did the actual performance meet the performance criteria?

If you think you know of a project that meets these requirements, please contact Miguel Purdy (479) 756-0007 or mlpurdy@vcaw.com.



ATU ASHRAE Student Branch Vice President, Brandon Goates introduces guest speakers Stephanie Woolf and Chris Ahne during a recent visit to Arkansas Tech University.

If you or someone you know isn't receiving the electronic version of the **Razorback Report and would like to, please send an email to Chris Ahne at cahne@trane.com.**

Arkansas ASHRAE Needs You!

Following is a list of committees that need your support and participation. I encourage you to contact the following committee chairs and get involved.

Continuing Education -	Contact Tom Hanlon Description - Members develop, plan, and conduct educational seminars and short courses. Provide speakers and programs for sister organizations in our industry.	Email: tjhanlon@trane.com
Government Affairs -	Contact Mike McClellan Description - Government affairs objective is to provide government bodies both state and local with current HVAC & R standards and guidelines.	Email: mjmccllellan@trane.com
Student Activities -	Contact Drew Harrison Description - Members encourage the formation and continuing operation of student engineering organizations by supporting student activities, meetings, and programs. Committee members will help with engineer's week and will review and offer guidance on student resumes for our student resume workshop.	Email: dharrison@trane.com
Refrigeration -	Contact Miguel Purdy Description - Members develop and conduct refrigeration programs, technical sessions, and tours. Review and nominate projects for refrigeration awards.	Email: mlpurdy@vcaaw.com
C.R.C. Planning -	Wade Wetzler Description - Members will organize and promote information on the upcoming C.R.C. in Cancun, Mexico. Members will organize and establish group rates for travel and lodging.	Email: wade@isgincorp.com
Publicity -	Wade Wetzler Description - Members will develop a pictorial file from meeting and chapter events. Members will publicize and promote ASHRAE activities, and advocacy programs in local media, chapter newsletter and chapter website.	Email: wade@isgincorp.com
Membership -	James Dayer Description - Members will work to attract and qualify new members. Organize and execute membership drives. And work with student activities to encourage student members to upgrade upon graduation.	Email: jdayer@fluidsolutionsinc.com
Social -	James Panasiuk Description - Members organize and conduct chapter social events i.e. golf tournaments, other events...	Email: jpanasiuk@pettitinc.com

Welcome to Our New Members!

Russell Flynn, Fayetteville
Darol Harrison, Russellville

For all existing members: We are continuously trying to keep our membership data as current as possible. Please take a minute to make sure your contact information is accurate and up to date. You can navigate to the Biographical Record System through the membership section on ASHRAE's website, www.ashrae.org, or the following URL: <http://xp20.ashrae.org/bio/>

Editor's Note

By Chris Ahne

If you are interested in highlighting a project that you have worked on in the Razorback Report please contact me at the email address below. I would be happy to meet for lunch to discuss the project, go to the site and take pictures, and write an article that highlights the features of your design.

Because this newsletter is aimed at informing our valued members, I am always open to new ideas or suggestions. Your comments will be greatly appreciated. You can reach me by email at cahne@trane.com.

Future ASHRAE Meetings:

2006 ASHRAE Winter Meeting
January 21 - 25
Chicago, IL.

2006 ASHRAE Summer Meeting
June 24 - 28
Quebec, PQ

2005-2006 Chapter Officers

<u>President</u>	Chance Hollingsworth	501.374.5420	chollingsworth@powersofarkansas.com
<u>Vice-Pres.</u>	John Hodoway	501.372.2900	john.hodoway@mail.ashrae.org
<u>Treasurer</u>	Steve Titus	501.375.1181	sctitus@aristotle.net
<u>Secretary</u>	Kim Koch	501.666.6776	KKoch@tmecorp.com

Board of Governors

Terry Granderson	501-661-2642	tgranderson@arkedu.k12.ar.us
Alan Hope	501-374-5420	ahope@powersofarkansas.com
John Oliver	501-280-0404	joliver@airetechcorp.com
Rick Sellers (CRC Delagate)	501-374-3731	rsellers@pettitinc.com
John Carter (CRC Alternate)	501-666-5463	john@jcarterco.com

Committee Chairs

Membership	James Dayer	jdayer@fluidsolutionsins.com
Student Activities	Drew Harrison	dharrison@trane.com
Programs	John Hodoway	john.hodoway@mail.ashrae.org
Historian	Tracy Hayes	hayes.tracy@sbcglobal.net
Refrigeration	Miguel Purdy	mlpurdy@vcaw.com
Research	John Carter	john@jcarterco.com
Honors & Awards	Rick Sellers	rsellers@pettitinc.com
TEGA	John Hodoway	john.hodoway@mail.ashrae.org
Newsletter	Chris Ahne	cahne@trane.com
NW Section	Shawn Wilson	shawn.wilson@carrier.utc.com
Social	James Panasiuk	jpanasiuk@pettitinc.com
Reception	Ashley Roach	Ashley.Roach@carrier.utc.com
Webmaster	Bill Simpson	wsimpson@trane.com

The Razorback Report is published monthly by the Arkansas Chapter of ASHRAE. Statements made in this publication are not expressions of the Society or of the chapter and may not be reproduced without special permission from the chapter.



THE RAZORBACK REPORT

Arkansas Chapter of ASHRAE
P.O. Box 180
Little Rock, AR 72203



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 send this form by **Thursday, September 31st** to **John Hodoway** : john.hodoway@mail.ashrae.org or via **FAX** at 501-372-0482.

For reservations to the Northwest Arkansas Chapter meeting send this form by **Thursday, September 31st** to **Shawn Wilson** : shawn.wilson@carrier.utc.com or via **FAX** at 479-306-4917/

ROUTING

MEMBER NAME (PLEASE PRINT)	CENTRAL October 4 th	NW ARK Oct 6 th	EATING (Y or N)

NOTES: Please fax this form to the name and fax number as referenced 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.

“ASHRAE 90.1-2001 and the 2004 Arkansas Energy Code”

Our October meeting will be back at the regular place, Whole Hog Café, but it is on a different day. Because of scheduling problems at Whole Hog, this lunch meeting will be on Tuesday, October 4. The program this month will be on using ASHRAE 90.1 as a compliance tool for the 2004 Arkansas Energy Code. Chapter Technology Transfer Committee Chair John Hodoway will present it. The program will show how ASHRAE 90.1-2001 can be used as a demonstration of compliance with the 2004 Arkansas Energy Code and will go into architectural, mechanical and electrical requirements and documentation.

**2005 AR NEBB RECERTIFICATION
&
ASHRAE EDUCATIONAL SEMINAR
FRIDAY - OCTOBER 14, 2005
7:30 A.M. - 4:30 P.M.
PULASKI TECHNICAL COLLEGE
3000 WEST SCENIC
NORTH LITTLE ROCK**

**COMPLETE & RETURN W/CHECK TO ABOVE ARKANSAS NEBB ADDRESS OR
FAX REGISTRATION (501- 753- 9649)**

NAME _____

FIRM _____

ADDRESS _____

PHONE _____ **FAX** _____

EMAIL _____

TOTAL # REGISTERED _____

(IF MORE THAN ONE - LIST ON SEPERATE SHEET)

**REGISTRATION FEE - \$75.00 PER PERSON
REGISTRATION FORM & FEE MUST BE RECEIVED BY
FRIDAY - OCTOBER 7, 2005
(CONTINENTAL BREAKFAST & LUNCH INCLUDED IN FEE)**

**ATTENDANCE CERTIFICATES WILL BE AVAILABLE FOR ONLY THOSE
REGISTRANTS THAT COMPLETE THE SIX (6) HOUR
RECERTIFICATION SEMINAR**



2005 Arkansas ASHRAE Fall Golf Tournament



Friday October 7th "Shotgun Start" 1:00 pm

>Stonelinks<

North Little Rock, Arkansas

Entry Fee: \$225 per team (3 players per team)
Includes Cart, refreshments, and lunch at noon.

Format: 3-Man Scramble (2 teams per hole) (First 36 teams paid)
Each player will get 1 Mulligan on front 9 and 1 on back 9.
Ties will be broken by score and hole handicaps
This format shall promote fair and competitive play

Prizes: 1st, 2nd, 3rd place teams
Long drive (In Fairway) and Closest to pin
Special contests to be announced



Fill out form and e-mail jpanasiuk@pettitinc.com or fax (501) 374-1802 to James Panasiuk. Pettit & Pettit suite 400, 201 East Markham, Little Rock, AR, 72201. All players names and money must be received by **Tuesday, Oct 3rd**.

Phone: 374-3731 Fax: 374-1802

Player 1: _____

Player 2: _____

Player 3: _____ **Total enclosed: \$** _____



Please make Checks payable to "Arkansas ASHRAE".

\$ Don't forget to sponsor a Hole \$

____ I will sponsor a hole -\$100. Sign at a hole & recognizes in ASHRAE newsletter

____ Corporate Sponsorship -\$200. There will be a special area near the scoreboard to recognize corporate sponsors.) Banners are allowed for corporate sponsorship.

____ I will donate \$_____ for prizes and awards

____ I will donate Merchandise (Golf Balls, towels ect.)

Workers, Hole & Corporate sponsors & Prize Contributors will be recognized in the Arkansas ASHRAE Newsletter. All proceeds go to Arkansas ASHRAE.

Name: _____ .Company: _____

Signed: _____ .Date: _____

Phone: _____ .Fax _____ Email _____

2005 Arkansas ASHRAE Fall Golf Tournament



Bonus Scoring Holes \$30 Per Team Per Hole.

Hole # 12 – Start on the Green!

This hole is a long 186-yard par 3. For \$30 your team will start on the green at a pre-determined spot picked out by the tournament director. You will start lying zero. If you make this putt it shall be considered a hole in one. It's one of few chances to ever attempt a hole in one! Remember only 1 mulligan each per front and back nine.

Hole # 13 – Playing from a Pro's Drive!

This hole is a long 540-yard par 5. For \$30 your team shall start from a pre-determined spot picked out by the tournament director on the other side of the large body of water in the middle of the fairway and will be approximately 200 yards to the green from this spot. From this spot you shall drop the ball (BALL SHALL NOT BE PLACED ON A TEE) and this shall be considered your 1st shot (you're lying 0). You will wish you paid the money once you are on the tee box.

**You will need to bring extra money for these bonus scoring holes. All proceeds go to support our Arkansas ASHRAE Chapter.

