



# The Razorback Report

www.arkansasashrae.org

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

## FEBRUARY MEETING

### Central Arkansas

Date: Wednesday, February 3

Location: Camp Aldersgate

Cost: \$15 / Each Person

Schedule:

10:30am Board Meeting

11:30am Tech Session

11:45am Lunch

12:00-1:00pm ASHRAE Standard 170—  
Healthcare Ventilation

### Northwest Arkansas

Date: Thursday, February 4

Location: AQ Chicken, Springdale

Cost: ~\$12 / Each Person

Schedule:

11:30am Lunch

12:00-1:00pm ASHRAE Standard 170—  
Healthcare Ventilation

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## THE PRESIDENT'S MESSAGE

*By Chris Ahne*



Greetings from the ASHRAE Winter Meeting in Orlando! I've been pleasantly surprised at the number chapter members that I've run into while attending the meetings and the AHR EXPO. While here, I attended a technical seminar on the new "sustainability standard" - Standard 189.1. While the new standard references Standard 62.1 and Standard 90.1, it is apparent that the intent of the latest standard will be a leadership position in that it will be more stringent than the aforementioned standards. Standard 189.1 is published and available for ordering from ASHRAE's website. Please remember that the March chapter meeting topic on 189.1 will be presented by our Society President-elect, Lynne Bellenger. Please make every effort to attend this timely program and invite your co-workers, clients, and government officials to attend the March meeting.

There are a few additional highlights from the Winter Meeting in Orlando. Hamid Habibi is currently involved in the Standard 62.1 committee and he indicated that the 62.1-2010 update has been approved and that Standard 90.1-2010 would be approved by the

summer. President Gordon Holness, in his speech during the President Luncheon, continued to emphasize that for the U.S. to significantly reduce energy consumption in buildings, an extensive amount of work needs to take place in existing buildings. President Holness indicated that our Federal Government was taking a leadership position by setting goals of reducing energy 30% in Federal buildings by 2015 and by 2030 all new Federal buildings were to be designed as Net Zero Energy Buildings. Recognizing the challenges ahead for better performing buildings, President Holness challenged ASHRAE members "To continue to be leaders we must deliver the goods", meaning that ASHRAE needs to provide the technical guidance to help our industry achieve their energy efficiency goals.

At this month's chapter meeting, we have invited AAHE members to attend the topic on Healthcare Ventilation. If you know someone from the healthcare industry, please make sure to invite them to attend. Also at the chapter meeting, we intend to ask the chapter to approve scholarships for some of our local engineering students and we will hear a report from the nominating committee on their recommendations for next year's chapter leadership. The chapter will be given a chance to vote on those nominations in the March meeting. Finally, Steve Keen and I will be attending the Region VIII planning meeting and President-elect training at the end of next week. While there, we will be giving the Regional Leadership some names of chapter members for regional and society level positions. If you or someone you know would like to be nominated by Region VIII to participate in positions outside the chapter level, please let me know.

MONTH	MEETING TOPIC	SPEAKER	SECTION	DATE	LOCATION	MEETING DESIGNATION
SEPT	Shared Savings/ Performance Contracting	Tim Staley Com- fort Systems USA Energy Services	Central	09/02/09	Camp Aldersgate	
			NWA	09/03/09	AQ Chicken	
OCT	Integrated Pro- ject Delivery	Mark Beach CDI Construction Co	Central	10/07/09	Camp Aldersgate	Joint Meeting with AIA
			NWA	10/08/09	AQ Chicken	
NOV	Laboratory Venti- lation	Tony Rossi Greenheck Fan Corporation	Central	11/04/09	Camp Aldersgate	
			NWA	11/05/09	AQ Chicken	
DEC	Tour UAMS West Central Energy Plant	N/A	Central	12/02/09	7th & Palm Streets	Refrigeration
	Refrigeration	Richard Royal Walmart	NWA	12/03/09	AQ Chicken	
JAN	ACT 1494	Ed Ellis AR Dept. of Energy	Central	01/06/10	Camp Aldersgate	Government Affairs / Mem- bership Promo- tion / Joint meeting with CSI
			NWA	01/07/10	AQ Chicken	
FEB	ASHREA Stan- dard 170 Health- care Ventilation	Tony Rousseau Newcomb & Boyd	Central	02/03/10	Camp Aldersgate	
			NWA	02/04/10	AQ Chicken	
MAR	ASHRAE Stan- dard 189 High- Performance Buildings	Lynn Bellenger, President Elect ASHRAE Society	Central	03/03/10	Camp Aldersgate	Sustainability
			NWA	03/04/10	AQ Chicken	
APR	Commissioning for Sustainability	Chris Ladner	Central	04/07/10	Camp Aldersgate	Sustainability
			NWA	04/08/10	AQ Chicken	
MAY	N/A	N/A	Central	05/05/10	TBD	Past Presidents Recognition
			NWA	N/A	N/A	

## ARKANSAS CHAPTER MEETING MINUTES

Board Meeting of January 6, 2010

*Bill Simpson—Secretary*

### Officers and Board Members Present

Chris Ahne, President  
Steve Keen, President-elect/CTTC  
Marc White, Treasurer  
Bill Simpson, Secretary  
Marc Cathey, BOG  
Kim Koch, BOG  
Randy Ragsdale, BOG

### Committee Chairs Present

Mark Mizell, Student Activities/YEA Sub-chair  
Lee Greeson, Newsletter Editor  
Joel Funkhouser, Membership Chair  
Terry Jacks, Reception Chair  
Steve Titus, Historian  
AD Agalheir, Webmaster

### Board Meeting Minutes

President Chris Ahne called the meeting to order at 10:40 a.m.

Chris reminded everyone to update PAOE points on the ASHRAE website. Kim Koch echoed Chris's request and encouraged everyone to get PAOE updated before officer training in February.

Chris also reminded people that CRC is coming up in Monterrey, Mexico in April and everyone planning to attend should ensure their passports are current. Chris then presented a potential CRC travel reimbursement strategy for officers and committee chairs who have workshops at CRC and are not already reimbursed for their expenses by the region. The strategy proposed reimbursing a dollar amount equivalent to approximately one-third of the travel expenses for these chapter leaders and the cost to the chapter would be offset by slight increases in monthly chapter meeting meal prices and renewing monthly chapter meeting sponsorships. Much discussion ensued. Marc White commented that it doesn't seem inappropriate for the chapter to support their chapter leadership to get training to improve the chapter. Chris pointed out that other chapters have similar policies. This topic was then tabled until the next meeting.

Marc White handed out the Treasurer's Report and explained that all but \$500 had been transferred from the north-

west section account to the central Arkansas account. Also, Mark noted that most of the golf transactions are up-to-date. Bill Simpson moved to accept the Treasurer's Report as presented and Mark Mizell seconded the motion. The motion was approved by acclamation. Mark concluded his report by announcing that he had talked to Chris Call about the audit committee and that Chris had said the committee is close to being done.

Steve Keen announced that a rep from Siemens will be in town to do a four hour continuing education seminar on BACnet on February 2<sup>nd</sup>. Steve noted that there would be no cost to chapter members to attend this seminar. Steve went on to say that he has plans for two other continuing education seminars, one each in March and April, and there would likely be some cost to attendees for those.

Steve announced that this month's program on ACT 1494 will help explain state funding for energy conservation. According to Steve there are no current plans for Past President's Night yet. The consensus recommendation from those in attendance was to do a Thursday night meeting on the Arkansas Queen River Boat. Steve asked if anyone had any ideas for Technical Award submissions to which Chris responded that someone from Wal-Mart will have a Refrigeration Award submission.

Bill Simpson noted that the meeting minutes were in the newsletter. Mark Mizell moved to approve the minutes as published and Kim seconded the motion. The motion was approved by acclamation.

Chris reported that Tony Demarco is negotiating hosting the spring golf tournament at Rebsamen.

Mark Mizell announced that the next YEA event will be a NFL playoff game watch party and details would follow.

Joel Funkhouser explained that the delinquency campaign has not been fruitful but he had brought giveaways for people who renew their membership or join today. Chris asked Joel to send an e-mail to him with the official delin-

quency statistics. Marc Cathey asked what the benefit to the chapter is to have associate members upgrade to members. Chris explained that only members are granted ASHRAE voting rights.

AD Agalheir noted that he had received praise from website Regional Vice-Chair.

Terry Jacks reported that he had new nametags for this month's meeting.

Chris announced that this weeks north-west section meeting would be postponed due to inclement weather.

Kim reported that Rheem had given \$20,000 to ASHRAE Research Promotion which puts us at roughly 69% of goal.

Steve Titus reiterated Chris's encouragement for everyone to ensure their passports are current for CRC.

Lee Greeson set the newsletter deadline at December 22.

Chris adjourned the board meeting at 11:22.

### Tech Session and Program Minutes

President Chris Ahne started the meeting at 11:56 and welcomed everyone from CSI.

Joel Funkhouser announced that this month's meeting is sanctioned as the official membership promotion meeting and to encourage everyone to keep their memberships up-to-date he would be giving away radio controlled helicopters for joining or renewing today.

Chris introduced Mike McClellan to speak about government affairs. Mike began his presentation by stating the ASHRAE Government Affairs mission statement: "To establish ASHRAE as a leading source for expertise in the built environment and a resource for policy-makers in the development of legislation and regulations affecting the public, the HVAC&R community, and the engineering profession."

Mike then went on to summarize the activity of the Arkansas HVAC/R Licensing Board. He explained that the board consists of nine Governor appointed

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**MEMBERSHIP REPORT**

Joel Funkhouser—Membership Chair

I'd like to welcome our newest member, Sam Browning of Fayetteville. I applaud you for your interest in the HVAC&R field and look forward to seeing you at our February meeting!

We have a strong chapter, and additional members will help to make us even stronger. ASHRAE offers invaluable resources to design engineers, contractors, and owners alike, and everyone that attends meetings is encouraged to seek membership to aid in strengthening our chapter. As always, if you have any questions pertaining to membership, please contact me and I'll be happy to assist you.



**STUDENT ACTIVITIES**

Forrest Moseley—Student Activities Chair

Arkansas ASHRAE will be giving out \$3,000 in scholarship money this month. The scholarship committee has made their final selections. The board members will vote at February's board meeting to approve these selections, and then the chapter will get a chance to approve them as well. If everyone is agreeable, we will announce the scholarship winners during February's Chapter meeting.

National Engineers week will be coming up this month (Feb 14 - 20) and we will be coordinating and working on events and activities that focus on the K-12 demographic.



**RIGHT FROM THE START – COMMISSIONING FOR HIGH PERFORMANCE BUILDINGS**

April 21, 2010  
1:00 – 4:00 P.M. EDT



This webcast will provide tools to help you overcome the hurdles of Commissioning, learn the "What, Why, When and Who" of the process, and how you can make it "business as usual." The panel of experts will outline how Commissioning supports a smoother construction process, maximizes the quality and persistence of energy and cost reductions, and provides a facility that operates as it was intended.

This free webcast is sponsored by the ASHRAE Chapter Technology Transfer Committee with support from ASHRAE's [High Performing Buildings Magazine](#). For complete details, visit our website at [www.ashrae.org/Cxwebcast](http://www.ashrae.org/Cxwebcast).

**How to Participate**

- You may host a webcast site for your colleagues.
- You may register to view the Webcast on your PC.

**PDH Credits**

Three (3) Professional Development Hours or three (3) AIA Learning Units may be awarded to viewers who complete the "Participant Reaction Form" following the broadcast.

**About the Presenters**

- **Ronald Wilkinson, P.E., LEED™ AP**, Senior Commissioning Project Manager, AKF Group LLC, New York, NY  
"Myth Busters"
- **Rick Casault, P.E., CCP, CDT**, President, Casault Engineering, Seattle, WA  
"A Solid Foundation for Commissioning - Two Proactive Steps to Greater Benefits"
- **H. Jay Enck, CxAP, HBDP, LEED™ AP, CPMP**, Founder/Principal/Senior Commissioning Agent, Commissioning & Green Building Solutions, Inc., Buford, GA  
"Transition from Construction to Operation - Maximizing Performance for Life"

**Registration**

There is no fee for registration. Online registration will begin March 2, 2010, at [www.ashrae.org/Cxwebcast](http://www.ashrae.org/Cxwebcast). If you have any questions, call 678-539-1200 or email [ashrae-webcast@ashrae.org](mailto:ashrae-webcast@ashrae.org).

**LOOKING FOR GUIDANCE ON STANDARD 189.1?**

Visit [www.ashrae.org/greenstandard](http://www.ashrae.org/greenstandard)

ATLANTA - As publication of the nation's first code-intended high-performance green building standard draws nearer, a Webpage providing the detailed information about the standard, including a draft copy of the document, has been launched.

Proposed Standard 189.1, Standard for the Design of High Performance, Green Buildings Except Low-Rise Residential Buildings, moved one step closer to publication in December. It was approved for publication

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## January Meeting Minutes

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board members including five contractors and one each consulting engineer, consumer, city inspector and plumbing examiner board member. Mike also noted that the board is currently discussing a potential rule adoption for liability insurance and CEU's and a potential rule adoption for a mechanical plan review process.

Mike explained that the current Arkansas Mechanical Code is based upon the 2003 International Code Council (ICC) Mechanical Code with some modifications and that the code would be updated in 2010. The new Arkansas Mechanical Code will be based on the ICC 2009. Mike then summarized many of the proposed changes most notably the changes related to ventilation which would reference more directly ASHRAE 62.1.

Mike concluded his presentation by giving several websites so people can stay informed, explaining how people can get involved and fielding a few questions.

At the conclusion of Mike's Tech Session, Chris recognized Cindy Tony, President of the Arkansas CSI chapter and announced that the meeting attendance was nearly 100.

Cindy announced a few CSI sponsored classes for continuing education and gave details on a CSI competition with an entry deadline of February 15.

Chris pointed out that the ASHRAE winter meeting in Orlando begins January 23. He introduced the nominating committee and talked about the four hour ASHARE Basics of BACnet continuing education seminar coming up February 2.

Chris then introduced Ed Ellis from the Arkansas Energy Office to present the program.

Ed started his presentation by quoting the mission of the Arkansas Energy Office: "To create, advocate, and support energy efficiency and sustainable development opportunities that promote economic and environmental well-being for all citizens of Arkansas." Ed went on to outline the organ-

izational hierarchy of his office.

Ed noted the key objectives of the American Recovery and Reinvestment Act of 2009 (ARRA). He explained that Arkansas has been allotted \$62.7 million for energy improvement measures by the ARRA. Of the \$62.7 million, the Arkansas Energy Office will receive \$52.2 million, the bulk of which will go to state energy programs. Other money will be earmarked for Appliance Rebates, Energy Efficiency and Conservation Block Grants and Energy Assurance and Smart Grid. The state energy program goals include increasing energy efficiency to reduce energy costs, reducing reliance on imported energy and reducing the impacts of energy production and use on the environment. Ed briefly highlighted 16 different programs which fall under the state energy program. A few of these include a sustainable building design revolving loan fund (\$12 million), K-12 green building loan program (\$3 million), industrial energy technology loan fund (\$10 million), building training centers of excellence (\$3.2 million) and several other initiatives for homeowners.

Ed moved on to explain EO 09-07 and Act 1494. According to Ed, executive branch agencies have reported Strategic Energy Plans to the Governor. All of these agencies have established an energy manager/team and submitted basic building count and ownership data. Energy Star Portfolio Manager will be used to set the baseline for each agency for compliance with the energy reductions required. These reductions are 20% by 2014 and 30% by 2017.

Ed summarized the Act 1494 goals and objectives. The goals are as follows:

1. Build and renovate public buildings using sustainable, energy-efficient methods.
2. Build a sustainable energy-efficient buildings program.
3. Develop performance standards for major construction and major renovations.
4. Manage energy use of public agencies.
5. Create a building advisory committee for energy-efficiency.
6. Develop rules for energy efficiency in public buildings.

7. Conduct a performance review of the energy-efficiency buildings program.

Ed concluded and took questions from the audience.

Chris adjourned the meeting. ☺

## Standard 189.1

(Continued from page 4)

by the Boards of Directors of ASHRAE, IES and USGBC, the three groups that are partnering in its development. ASHRAE is going through the final stages of the American National Standards Institute consensus development process and is hopeful the standard will be available in January.

"Given that this standard will set the foundation for green building codes, it is vital that the building industry is familiar with its requirements," Kent Peterson, chair of the Standard 189.1 committee, said. "ASHRAE, USGBC and IES recognize the potential of this standard to change the marketplace and are working to educate the industry. Given its impact, we also are working to make the standard available as quickly as possible."

[www.ashrae.org/greenstandard](http://www.ashrae.org/greenstandard) serves as a one-stop resource for information on Proposed Standard 189.1, Standard for the Design of High Performance, Green Buildings Except Low-Rise Residential Buildings. The page contains an easily readable version of the standard, along with more information on the areas addressed by the standard and other resources for high-performance building.

Proposed Standard 189.1 is being developed by the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) in conjunction with the Illuminating Engineering Society of North America (IES) and the U.S. Green Building Council (USGBC). The standard, slated to be the first code-intended commercial green building standard in the United States, is expected to be published in early 2010. ☺

## FUTURE ASHRAE MEETINGS:

**2010 ASHRAE Winter Meeting**  
January 23-27, 2010  
Orlando, FL

**2010 Region VIII CRC**  
April 22-24, 2010  
Monterrey, Mexico

**2010 ASHRAE Annual Conference**  
June 26-30, 2010  
Albuquerque, NM

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## THE RAZORBACK REPORT

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