



The Comfort Chronicle

American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc.
East Texas Chapter #091, Region VIII

Volume XXVI, Issue I, September 2006

www.ashrae-etex.org



Howdy East Texas ASHRAE!

I hope y'all have had an excellent summer. The Texas heat is legendary and it did not let us down this year. It is months like August when the outdoor temperature rises above 100 degrees Fahrenheit that make this industry celebrated by the public for the cool indoor retreat!

Our chapter was

recognized at the Spring Chapter Regional Conference (CRC) in Mexico for last year's performance, and it is with great pride in our chapter's accomplishments that I take the reins from our past president, Don Schuster. I anticipate us keeping the standards high and raising the bar to meet the new vision and mission statements recently adopted by ASHRAE. The East Texas Chapter Mission Statement is *to advance the education of our members, foster high school, college, and university students' interest in HVAC&R engineering and technical fields, raise funds for research and to support the establishment of engineering standards.*

As we move into the 2006-2007 ASHRAE year, we have lined up an exciting series of lunch programs, educational opportunities, facility tours and much more to achieve a more well-known presence in East Texas this year. We will continue to host the ASHRAE Satellite Broadcasts and I will be adding other educational opportunities at times other than the lunch meeting to reach a broader cross-section of our members' needs, including information on the premier buzz-topic: sustainability. This newsletter will carry a special education section with details about these events as they are finalized. We will continue our support of our student chapters at TJC and UT-Tyler while reinvigorating our participation in E-week, which is the national celebration of the engineering profession during February. We will also be having our second Research Promotion event, but this time we will golf instead of shoot. Our CRC for this season will be in Oklahoma City, OK, and we look forward to showcasing our planned achievements in

support of the mission. These are very exciting times to be a part of the East Texas Chapter.

The initial planning meetings of the Board of Governors (BOG) for our chapter have proven that we have a talented bunch of people helping us reach our goals for this year. I will continue the tradition of having this lead article feature a different BOG member each month to showcase the talent we have. The committee chairs and BOG members are listed on the last page of the newsletter, so please contact one of us if you want to be more involved with a particular area of ASHRAE. Of course, there's no better way to understand each other's strengths and learn from each other than the face-to-face interaction we get during our monthly meetings. The first meeting is a tour of the Wal-Mart HVAC&R systems, which demonstrates how a design can be successfully repeated over and over again. I'm thrilled to see the inner workings of one of the most prominent retailers in our area. I'll see y'all on September 21st for the Wal-Mart tour at 64W & Loop 323 (east of the airport)!

Regards,

Kristin L. Schaefer

2006-2007 East Texas ASHRAE President

April Meeting

Date: Sept. 21, 2006

Location: Wal-Mart
64W & Loop 323
Tyler, TX

Cost: Adults \$10, Students free.

Schedule: 11:15 AM Lunch Sweet Sue's
12:00 Program @ Wal-Mart
1:00 Adjourn

Program: HVAC&R Tour of Wal-Mart
By Guy Howell

Please RSVP on or before noon Tuesday, Sept. 19 to:
Sheri McLain, phone 903-581-3391,
fax 903-579-7862 – Cost \$12 if you RSVP late or
show up without a reservation.
email sheri.mclain@trane.com

Board of Governors Meeting

7:00 AM – Dwayne's Restaurant – Sept. 21, 2006

Research Promotions

Our chapter is beginning a new year and I am excited about the possibilities. ASHRAE Society, at the annual RP training, challenged East Texas Research Promotion to the following for 2006-2007:

1. \$6500 as our share of Society's RP goal with Region VIII's goal set to \$325,000.

Our share is 300% higher than last year because of our stellar performance. Thanks to our members for their help toward this success.

In the ET ASHRAE's Board of Governor's meeting last month additional RP goals were assigned. Therefore, I especially need everyone's help this year. I challenged the BOG members to help our Chapter obtain Full Circle (\$100 each member) and I am challenging each member to contribute a minimum of 10% of the Full Circle contributions must be in to Society's hands by December 2006.

Additionally, RP Chapter goals include the following items:

1. Spring 2007 Golf Tournament. Details follow in the coming months.
2. Exceed Chapter 2005-06 contributions to Society by 10%.

As this new year progresses and our Chapter works to meet its goals, I need your continued support to Research Promotion meeting these challenging goals.

Look forward to the coming months for more information about projects directly related to Region VIII and reasons for Society Research Projects. As the Golf Tournament draws closer, stay tuned for more exciting news of the planning process and prizes.

Let's make it a great year for the East Texas Chapter Research Promotion and ASHRAE.

- Rhamy Morrison

ASHRAE Group to Develop Metrics for Sustainability

A new technical research group focusing on sustainable building guidance and metrics has been created by ASHRAE. The group will develop design guidance, performance metrics and rating systems to integrate indoor environmental quality, energy efficiency and other aspects of sustainable building performance. It will work with other organizations to integrate HVAC&R systems with other building systems to enhance the effectiveness of total building design and integrated practice.

Researchers Testing Effect of 'Cool'-Colored Roofs on Building Temperature

SACRAMENTO, Calif.—Houses in Sacramento, Calif., are part of a study by The U.S. Department of Energy's Oak Ridge and Lawrence Berkeley national laboratories and funded by the California Energy Commission to explore how well "cool" colors work. Researchers are comparing the houses against identical houses on the same street with roofs colored in conventional pigments. They found the temperature in the attic of a house with "cool" concrete tiles to be lower than the attic of a house with regular colored concrete tiles.

Typical U.S. Homes Getting Bigger, Says U.S. Census Bureau

WASHINGTON, D.C.—U.S. homes being built now are larger than in past years, but they are on smaller lots, according to data from the U.S. Census Bureau. Recently constructed homes also feature more bathrooms, more bedrooms and other amenities. However, the average number of people living in each house is getting smaller.

Growth of Air-Conditioning Industry in China Slowing

BEIJING—China's air-conditioner manufacturing industry has been slowing since August 2005. In the first half of 2006, domestic sales of air conditioners were down 6% from the year before, according to statistics compiled by Hong Kong-based Chinaccm.com. Growth of China's exports of air conditioners also has slowed during the period. People in the industry say this is mainly because China's destinations, such as Europe, North America and Turkey, have set anti-dumping and technical barriers that restrict China's export of air conditioners.

Tankless Water Heaters From Rheem

MONTGOMERY, Ala.—Rheem Water Heating introduces a new line of tankless water heaters. Models feature EZ-Link technology, Guardian SBT™ sensing burner technology, Guardian OFW™ overheat film wrap, and high-altitude options.

ASHRAE – Region VIII, Chapter # 091

Meeting of Board of Governors (BOG)

Meeting date: Thursday August 17, 2006 (7:00 to 8:00 AM CST)

Meeting location: Dwayne's Country Café, E. Fifth St, Tyler

Attendees were: Emily Hoffman, Robert Helt, Kristin Schaefer, Bill Stiles, Ernie Herterich, Jeff Stewart, Mohammad Farooq

President's Opening Remarks: (Kristin)

Kristin presented an agenda to each present member. The agenda contained the officer/committee report topics, a comprehensive list of contact information for each BOG member, and the latest edition of the MBO for the upcoming year.

President-Elect (Ernie) discussed the September 21st meeting. He suggested Sweet Sue's for lunch followed by a tour of the Wal-Mart store on Hwy 64.

Research Promotion Chair (Rhamy, not present) will be attending the Research Promotion training class in Las Vegas during the last week in August.

Historical Committee Chair (Mohammad) discussed the two historical articles he will be writing for the newsletter. One article will be on Air Rover and the other on copper tubing/coil suppliers around the area, particularly Astroair who is going from manual to auto brazing. Ernie suggested to also check out Micrometal in Longview and AST Coating in Jacksonville.

Kristin has contacted Jeff Shenefelt and Gene Branum (the chapter advisors of UT Tyler and TJC) to serve as the Student Activities Co-Chairs, however neither has yet responded.

Homepage Editor (Leslie, not present) has updated the website but it is still not finished. She needs a tentative list of meetings for the year in electronic form. Ernie took the responsibility of providing this to Leslie.

Newsletter Editor (Bert, not present) needs a picture of the author of the lead article of the monthly newsletter. The lead article will be written by a different BOG officer each month. Kristin discussed the lead article topics with each present author. No changes were made at this time.

NEW BUSINESS

BOG contact list was verified by each present member.

Management by objectives (MBO) were discussed and modified as necessary. The following additions and/or comments were made to the described section:

Chapter Operations

1.4 Before the meeting flyer is published, Leslie needs the when/where/food by 1st of month for that month's meeting.

CTTC - Programs

- 2.2 Ernie will finalize all program meetings by 3rd BOG meeting has 80% lined up.
- 2.3 Squeeze extra 15 min of technical time & cut down on social time. Prep speaker to get into meat of technical talk. Ernie suggested that for the 3rd meeting go to Mt. Pleasant for an evening meeting to see their ammonium refrigeration system with computerized cold storage.
- 2.4 Kristin noted that Dick will look into an online refrigeration meeting. Ernie suggested online refrigeration online during the meeting and Mt. Pleasant in the evening. Ernie agreed to send that idea to Leslie.

Membership Promotion Chair

3 Don will catalog all the PAOE points

Research Promotion Chair

4.2 Kristin noted that Rhamy has set a \$5000 goal and challenged BOG members to donate \$80 toward goal.

Student Activities Co-Chair

- 5.1 Kristin noted that last year, the class schedules at UT Tyler conflicted with the ASHRAE meetings. Jeff said UT Tyler should have no scheduling conflicts and should help student attendance at the meeting.
- 5.4 In order to have next year's chair attend the April CRC meeting in Oklahoma, he/she would have to know by February 1st in order to make travel arrangements.

Homepage Editor

6 Kristin noted that Leslie will have the officer info updated by the end of August.

Historical Committee Chair

7.1 Ernie noted that he has book of past recent presidents. Robert has a book containing the past presidents up to 1990. Robert also noted that the CRC was held in Tyler in 2003 so the past presidents book was updated 12 years before that. Kristin noted that the comprehensive book would show that consortium of people in industry

Newsletter Editor

- The name of the newsletter is the Comfort Chronicle.
- 8.2 Kristin noted that pictures should be added with anything submitted. She will organize lining up digital cameras to take pictures of the tours to submit to Bert.
 - 8.3 Bert needs everything for month's newsletter by the beginning of month including the meeting update, meeting minutes, and photos. The photo of the BOG members will be taken at the September meeting. The CRC photo will be used again in the newsletter.

Misc. Business

Ernie will check & see if he can get a tour of the newest Walmart instead of the one on Hwy 64. He will know by September 1st He also noted that we might need to sign waivers to see the machine room and it may be a hardhat area before it's open. Food will change to catering at Trane instead of Sweet Sue's buffet.

Meeting logistics – Charge \$10 for lunch unless not signed up then \$15

Robert suggested that Ernie check if \$10/person is enough for Sweet Sue's lunch buffet.

Ernie suggested that for the Mt. pleasant meeting, we should plan a dinner for the evening of meeting instead of a lunch

Bill motioned to adjourn the meeting.

Robert 2nd the motion.

The next meeting is scheduled for September 21st: same time, same place.

Prepared by Emily Hoffman on 8/31/06.

Arctic Village Installs Air Conditioning

OSLO, Norway—With signs that the world is warming, even Inuit peoples of the far north are ordering air conditioning. Better known for building igloos during hunts on the polar ice, Inuit in the village of Kuujjuaq in Quebec, Canada, are installing 10 air conditioners for about 25 office workers. "These are the times when the far north has to have air conditioners now to function," said Sheila Watt-Cloutier, a leading campaigner for the rights of 155,000 Inuit in Canada, Alaska, Russia and Greenland.

ASHRAE Updates Existing Building Energy Conservation Standard

ASHRAE has updated Standard 100-2006, *Energy Conservation in Existing Buildings*, to bring it in line with ASHRAE Standard 90.1-2004 and the *2003 ASHRAE Handbook*. Other changes allow for newer technology, such as more efficient lighting.

Do you need continuing education credits or professional development hours?

Well, if you are a Professional Engineer or a Licensed Contractor, then you are **REQUIRED** to have 15 or 8 hours per year.*

The East Texas Chapter of ASHRAE is dedicated to meeting your educational needs

We will host several educational opportunities for you this 2006-2007 year.

You don't have to spend a bundle; some of the courses will cost no more than the meal.

You don't have to travel to Dallas or Houston; the courses will be here in Tyler.

We will even have a Mechanical Engineering PE review course for those of you thinking about becoming a Professional Engineer.

The schedule below will be updated each month as more information becomes available.

Date	Time	CE Course	Location
14 Nov 2006	12 noon – 3:00 PM	Satellite Broadcast: Multiple Benefit Solutions for Enhanced Building Security	Trane Snow White
Jan/Feb 2007	TBD	TestMasters PE review course	Trane
19 Apr 2007	12 noon – 3:00 PM	Satellite Broadcast: Indoor Air Quality	Trane Snow White

* Texas Board of Professional Engineers requires all active PE's to have fifteen (15) CE hours per year with at least one (1) of those hours being ethics.

The Texas Bureau of Licensing and Regulation requires eight (8) hours of CE per year for Contractors.



**American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc.
East Texas Chapter #091, Region VIII**

2005 – 2006 CHAPTER OFFICERS

Kristin Schaefer	President	903-581-3289	kristin.schaefer@trane.com
Ernest Herterich	President-elect	903-241-3320	herterichfamily2@earthlink.net
Emily Hoffman	Secretary	903-581-3528	emily.hoffman@trane.com
Bill Stiles	Treasurer	903-597-3442	bsti@tjc.edu

BOARD OF GOVERNORS

Don Schuster	BOG/Past Pres/Mem	903-510-7440	don.schuster@carrier.utc.com
Jeff Stewart	BOG	903-581-9157	jeff.stewart@trane.com
Robert Helt	BOG	903-581-3651	robert.helt@trane.com
Dick Cawley	BOG/CTTC/Refrig	903-566-3957	dickcawley@cox-internet.com

COMMITTEE CHAIRS

Mohammad Farooq	Historian	903-510-7361	mohammad.farooq@carrier.utc.com
Rhamy Morrison	Research Promotion	903-581-9101	rhamy.morrison@trane.com
Bert McJimsey	Newsletter Editor	903-581-3332	bert.mcjimsey@trane.com
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Art Giesler	Region VIII DRC		palatusa@aol.com

Future ASHRAE Meetings

2007 Winter Meeting
January 27-31
Dallas, TX

Region VIII CRC
April 13 - 15
Oklahoma City, OK

2007 ASHRAE Summer Meeting
June 23-27
Long Beach, CA

Future East Texas Chapter Meetings

Meeting	Location
Lunch Meetings	
September 21	HVAC&R at Wal-Mart Tyler
October 19	
November 14	Satellite Broadcast Trane
November 16	
December 15	
January 18	
March 22	
April 19	Satellite Broadcast Trane
May 17	
Evening Meetings	
February 22	Student Engineer Banquet Location

2007 ASHRAE Winter Meeting Jan. 27-31, 2007



DALLAS – Join ASHRAE in Dallas for its 2007 Winter Meeting and the AHR Expo and get energized!

The meeting takes place Jan. 27-31, 2007, at the Adam's Mark Hotel, while the AHR Expo is held from Jan. 29-31 at the Dallas Convention Center.

What can you expect at the meeting?

- Quality technical programs
- Entertaining social events
- Educational courses
- Networking with your peers
- Unique sightseeing opportunities
- Over 1,400 exhibits at the AHR Expo
- A unique "Members Night Out"
- Great program for students

Several new programs and events will be offered for the first time at a winter meeting. These include a networking lounge open to registered members and spouses for coffee and conversation; the Members Night Out featuring a relaxed and fun way to celebrate the final night of the meeting; an Internet café with Internet access available in the lounge; more presentations in the technical session (program begins at 7:45 a.m. each day); and a keynote speaker at the Plenary Session.

Hotel Accommodations



The headquarter hotel is the Adam's Mark Hotel Dallas, 400 North Olive Street, Dallas, Texas, 75201. Rates are \$155 single/ \$165 double. Online reservations will be available to ASHRAE members and conference attendees. Individuals requiring accommodations should check the Hotel Information Required button on the online form or ask for the link when you send in your meeting registration form. Reservations cannot be made by phone. The technical program, committee meetings and all social events are scheduled in the Adam's Mark.

Registration

Save money by taking advantage of the early bird pricing - register before Nov. 2 and save \$25. Advance registration closes Dec. 15 and fees increase on site, so register early! By registering, you are automatically registered for the AHR Expo.

TRULUCK'S

Seafood * Steak * Crabhouse

Dinner

2401 MCKINNEY AVE.

29

Region VIII

Monday January

Dallas, Texas

Region VIII Regional Dinner

Monday Night

Starting with Cash Bar

6:30 PM to 8:30 PM



RSVP to (Region VIII)
Bob Gleeson
Assistant Regional Chair
<mailto:bgleeson@alamocontrols.com>
(210) 658-0900
Fax (210) 658-1888

Reservations are required
Payment in advance or at
Door - By Cash or Check
No Individual Credit Cards

Menu

**(Choices to be made at
dinner)**

~ Soup or Salad ~

**Crab Corn Chowder
or
Sonoma Greens Salad**

~ Entrees ~

*Tenderloin Filet
or
Grilled Salmon
or*

*Garlic Grilled Shrimp
all entrees served with fresh
bread and parmesan mashed
potatoes*

~ Dessert ~

**Chocolate Malt Cake
or
Key Lime Pie**

~ Beverages ~

Soft Drinks, Coffee and Iced Tea

All Inclusive Price:

(Includes Tax & Tip)

\$55.00