



The THERM

Fort Worth Chapter of ASHRAE Newsletter

www.ashrae-ftw.org

October 2007

Chapter Meeting

Wednesday

October 17, 2007

Petroleum Club

39th Floor

BOG.....10:30 am

Lunch ...11:45 am

Program..12:15 pm

Please R.S.V.P.

Rick O'Connor

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Program

Samuel C. Steele

City of Fort Worth

*What's in store for the City of Fort Worth.

Individual Highlights

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Hello Everyone,

It was nice to see everyone again at our September meeting. Jay Sullivan and John Rhodes are putting together our October golf tournament. Additional information and sign up sheets are posted on the Chapter Website. Please put together or participate on a team. All proceeds will be going to support ASHRAE Research.

Last month our speaker was Rives Taylor who gave us an interesting look at how Toyota is using LEED processes when they build their car dealerships. There was a lot of discussion between chapter members after the meeting about his presentation.

This month Richard Watters has set up a speaker to discuss energy conservation projects within the City of Fort Worth. Samuel C. Steele, C.E.M., LEED-AP will be our presenter. Please plan on attending to see what the City of Fort Worth is currently undertaking, and the projects that they will be working on.

During the Board of Governors meeting, Tony Finch our Student Activity Chair said he is about to kick off another year with local students. Tony will be looking for help with mentoring and software applications. Please see Tony if you could donate some time to help develop the next group of engineers that will be entering the workforce.

I would like to remind every member to make sure you are current on your membership and your Fort Worth Chapter dues. We use your dues money to help support your chapter operations. If you would like to be a member, or know someone that "Should" be a member, please have them contact Garrett Brown, or go online www.ashrae.org and sign up.

As always, I look forward to seeing everyone this month. Please remember to RSVP for the Meeting by October 15th. Contact me at rick.o'connor@carrier.utc.com or (972) 789-3431.

Please visit the Ft. Worth Chapter website at <http://www.ashrae-ftw.org/> for a variety of useful information such as current and past newsletters, monthly meeting schedule and links to other chapters.

As always, please support ASHRAE Research by attending the Golf Tournament on Monday October 22, 2007. We will be golfing at "The Golf Club at Fossil Creek". Shot-gun start at 1:00pm, followed by prizes and lies about the scorecards!.

Respectfully,
Rick O'Connor
Chapter President

Program

Samuel C. Steele, C.E.M., LEED-AP, Conservation Specialist for the City of Fort Worth, working within the Facilities Management Group of the Transportation & Public Works Department. He will present on: Energy conservation projects underway within the City of Fort Worth and what's in store for the rest of the year.

In this role, Mr. Steele manages the City's Conservation Program through the development, implementation, and measurement & verification of resource conservation projects that improve City facility operations & maintenance and better manage resource demands, usage and costs.

His previous employment experience includes Project Developer for vendor-, utility- and consultant-based Energy Services Companies (ESCOs), Plant Engineer for a New York State "big five" City School District, Energy Engineer for an international utility consultant, Mechanical Engineer for consulting engineering firms, and as Field Mechanic for mechanical contractors.

Through the Association of Energy Engineers (AEE), Mr. Steele is qualified as a Certified Energy Manager (C.E.M.), a Certified Energy Procurement Professional (C.E.P.) and as a Certified Measurement & Verification Professional (C.M.V.P.). He is a long-time member of both AEE and the American Society of Heating, Refrigerating & Air-Conditioning Engineers (ASHRAE). Mr. Steele is also a LEED-Accredited Professional (LEED-AP®). As such, he works to help the City design, build, operate and maintain facilities "sustainably", looking at life-cycle effects on both the built- and natural-environments.

Minutes – Board of Governors

Attendees: Rick O'Connor, David James, Jay Martin, Ian Bost, Les Brown, Cody Pace, Don Hardin, Jay Sullivan, Dan Merkel, Richard Watters, Garret Brown, W.O. Kelly, Richard Long and Tony Finch.

Meeting Called to order at 10:40 am by Rick O'Connor, Chapter President.

Reports:

President-Elect (David James): No report.

Secretary (Jay Martin): Rosters will be published (electronically) in November. 100 hard-bound copies will also be published. David James provided the list of past sponsors, we will be in touch with them to obtain funds for this year's roster and for last year's payment (which was not collected).

Treasurer (Ian Bost): Balance as of 8/1/07 is \$3,634.98.

Board of Governors (Sid Ellis, Cody Pace, Les Brown): No report.

Committee Chairs:

Special Events (W.O. Kelly): Christmas party will be 12/01/07. The cost per person will be \$65. Cocktail hour will begin at 6:30pm, Dinner will be served at 7:00pm.

Research Promotion (Sid Ellis): Full Circle payments (personal \$100 donation from Chapter Officers) needed by next month. Buddy Pace, John Rhodes, and Les Brown have been asked to join the Research promotion committee. Our goal this year will be a little more than \$21k, we raised a little over \$19k last year. We will aim to meet goal before CRC this year.

Honors & Awards (Don Hardin): Don will develop training materials to help our members update their biographies in the ASHRAE database.

Newsletter (David James): Will add pictures for next month. We will aim to publish the newsletter at least a week before each meeting.

Membership Promotion (Garret Brown): 160 members paid to date, 131 in their grace period, 12 people have fallen off the log. We have 3 new members. All of these numbers are as of last June 30. Will start a phone and email campaign to get everyone current. Life members need to send back their membership slips each year, or they too will fall off the roster even though they are not required to pay.

Student Activities (Tony Finch): Met with 6 seniors at UTA to enter the ASHRAE design competition. Tony is targeting 2 teams, one to do system selection competition and one to do the design. Each project takes 2- semesters to complete. UTA will not be providing a faculty advisor this year. Cody Pace volunteered to help mentor the design team again this year.

Historian (Dan Merkel): If we give our materials to the FW Public Library, it becomes their property (they own it). Dan to verify that we can check the materials out as needed in the future.

Chapter Technology Transfer (Richard Watters): Plans have been made for meetings through December. We are targeting having our plan for the remainder of the year by the October meeting.

Refrigeration (Richard Long): No report.

Webmaster (John Rhodes, NIA): No report.

Old Business:

- November meeting is cancelled due to proximity to Thanksgiving holiday and due to historically poor attendance that month.
- Our first golf tournament will be on October 22 at Fossil Creek. Flyers went out at the general business meeting and via email from John Rhodes. It is also posted on the bulletin board of our website.
- Rick O'Connor to talk to Gary Fields about helping to organize a sporting clay tournament for sometime this year.

New Business:

- We will have one seminar this year, Garrett Brown volunteered to lead. It will be "Fundamentals of Air-Side Design." Garrett will research the course length, then we will develop a schedule for when it will be given. The course will be targeted for after January 1.
- We will do some research to see if we can allow credit card payments for the golf tournament (either through a paypal account or through the golf club's system).
- Richard Long to look into setting up a refrigeration plant tour for this year.
- Sid Ellis will look into getting us access to the new Cowboys Stadium for a plant tour when that project is further along. May possibly be ready to look at in late spring, but probably not until next Fall.

Minutes - Chapter Business Meeting

Business Meeting Minutes:

Meeting Called to order at 12:30 pm by Rick O'Connor, Chapter President

- Rick O'Connor, Chapter President, presiding. Rick welcomed everyone with (43) members and (11) guests present.
- Members did self introductions.
- Ian Bost, Treasurer, introduced guests.
- Rick invited guests in attendance to join by meeting with Garrett Brown.
- Rick reminded members to verify that they have paid their dues so that they do not move to delinquent status.

New Business:

- The fall golf tournament will be on October 22, at the Golf Club at Fossil Creek.
- There will be 2 levels of sponsorship, one for hole sponsorship (sign at tee box) and one for flag sponsorship.
- Our research fundraising goal is \$21,600 for this year, down from \$24,700 last year.
- We will have a fundamentals of air-side design seminar this year. More info to follow at October meeting.
- Don Hardin asks that folks who think they might qualify for Chapter service awards tally their points to see. Also, each person who might qualify will need to ensure their online biography is up to date on the main ASHRAE site.
- Don also reminded life members to return their statements to society to ensure that you don't fall off the roster (even though no payment is required).
- W.O. Kelly announced the Christmas Party will take place on December 1, here at the Petroleum Club. Cocktails will be served at 6:30, Dinner to follow at 7:00. The cost will be \$65 per person. There will be a cash bar.

- Garrett Brown addressed the topic of the delinquency list. If you are delinquent in your dues payments for more than a year, you will actually be removed from the roster. The process to reinstate your membership is not very easy once this has happened. Out of 290 members in the Fort Worth Chapter, there are 130 members in our chapter who are either delinquent or in the grace period right now. Please check your membership status online at ASHRAE.org.

Technical Session Minutes:

Richard Watters, CTTC Chairman, introduced our speaker:

Speaker: Mr. Rives Taylor, AIA, LEED AP

Program: Mechanical Design Techniques to save energy and earn LEED points

Biography:

Rives Taylor is a Texas licensed, practicing architect and educator. He is the firm-wide Director of Sustainable Design for Gensler. For three years he has also engaged with Houston Advanced Research Center, focusing on sustainable building technologies for the hot and humid climate of the Gulf Coast. For his efforts in advancing sustainable design in the Houston region he was recognized in the fall of 2005 with the President's Citation of the Houston Citizen's Environmental Coalition.

Rives focuses on Sustainable Design at the Gerald D. Hines College of Architecture of the University of Houston. Both here and at the Rice University School of Architecture, where he is a lecturer, he teaches numerous sustainable design methodology seminars as well as an advising studio on this approach.

He is on the board of the Rice Design Alliance, sits on its programs, editorial and fund raising committees, and is active in the local chapter of the American Institute of Architects. He is also a member of the national USGBC and is a member of its program committee. He is a board member, as well as director of communications, in the Houston USGBC chapter. He is LEED 2.0 accredited, and a certified Green Advantage trainer.

Synopsis:

This discussion focused on mechanical design techniques to save energy and earn LEED points. The discussion was based around experiences with a local car dealership which had a LEED requirement. The discussion focused on potential hurdles associated with the Energy and Atmosphere credits within the LEED program, and gave examples of sustainable energy success stories.

President Rick O'Connor adjourned the meeting at 1:30 pm.

Treasurer's Report

Ian Bost

Meeting Information:

Date of Meeting:	9/19/2007
Members	43
Guests	11
Total:	54

Financial Data:

Starting Balance (8/1/07):	\$3,469.98
Deposits:	
Lucheon Receipts	1,020.00
Rooster Sponser	100.00
July Dues	1,635.00
Subtotal:	\$2,755.00

Payments:

Petroleum Club Luncheon - 9/19/07	988.20
Petroleum Club Parking - September	56.50
October Golf Tournament Deposit	500.00
Subtotal:	\$1,544.70

New Balance as of 9/1/07: \$4,680.28

Chapter Officers

President	Rick O'Connor	972-789-3420	rick.o'connor@carrier.utc.com
President-Elect	David James	817-921-5434	djames@haroldjames.com
Secretary	Jay W. Martin	817-735-6756	Jay.martin@c-b.com
Treasurer	Ian Bost	817-338-1277	ibost@bhbinc.com



Board of Governors

Cody Pace	817-336-0543	cody.pace@mail.ashrae.org
Les Brown	817-338-1277	lbrown@bhbinc.com
Sid Ellis	972-206-2590	sellis@envoromaticsystems.com

Committee Chairs

Attendance	Rick O'Connor	972-789-3420	rick.o'connor@carrier.utc.com
Student Activities	Tony Finch	817-281-6165	tonyf@texasairsystems.com
CTTC	Richard Watters	817-338-1277	rwatters@bhbinc.com
Historian	Dan Merkel	817-838-4307	dan.merkel@carrier.utc.com
Membership	Garrett Brown	817-878-4242	gsb@summitmep.com
Research Promotion	Sid Ellis	817-206-2590	sellis@enviromaticsystems.com
Newsletter Editor	David James	817-921-5434	djames@haroldjames.com
Refrigeration	Richard Long	817-878-4242	rjdklong@juno.com
Honors and Awards	Don Hardin	817-292-6904	dchardin@swbell.net
Webmaster	John Rhodes	682-687-7655	jrhodes@aisd.net





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