
FLUE PIPE

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

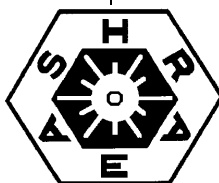
September 2003

PRESIDENT'S MESSAGE

It is hard to believe that it is September once again, which means it is time to begin another exciting year of ASHRAE with the Shreveport Chapter. As most of you are now aware, John Watts has relocated to Houston, leaving me with some very large shoes to fill as your President for the 2003-2004 year. We will certainly miss John's leadership and involvement, but our officers and committee chairs have been working very hard to take up the slack to ensure the continued success of the Shreveport Chapter.

Our first meeting this year will take place on **Thursday, September 18th at Kon Tiki**, and features a presentation on "Specifying Performance Based Air Handling Units". In addition to the meeting program, there will be an afternoon seminar covering this topic in more detail. This seminar will offer continuing education credits for engineers. ASHRAE is an engineering society, and I want to see more involvement in ASHRAE from our local engineering community. Therefore, this year you will see several interesting programs and seminars offering continuing education credit. I want to see more engineers' smiling faces at our meetings and events. Your participation is critical for ASHRAE.

We have some terrific events planned for this fall. Once again we will be having our **December Christmas Party and Auction** benefiting ASHRAE Resource Promotion. Last year's auction was a tremendous success and a lot of fun. In addition, it is almost time for the **ASHRAE Fall Golf Tournament**, so mark your calendars for **Wednesday, October 22**. Refer to your sign-up sheet attached to this month's newsletter. This will once again be a great event, and I am hopeful that the turnout will exceed that of last year. I would also encourage your company to participate as a hole sponsor. Your \$150 will automatically place you on the ASHRAE Resource Honor Roll. *(Cont. on Page 2)*



MEETING FACTS

DATE: Thursday
September 18, 2003

PLACE: Kon Tiki
5815 Youree Drive
Shreveport, Louisiana

TIME: 5:30 p.m. - Social
6:30 p.m. - Meeting

PROGRAM: "Specifying Performance Based Air Handling Units"

SPEAKER: Ian Hadden
Regional Agent Sales Manager
York International

SEMINAR : "Performance Based Air Handling Units"

DATE: Thursday
September 18, 2003

PLACE: Sheraton Shreveport Hotel
1419 East. 70th Street
Shreveport, Louisiana

TIME: 3:00 p.m. - 5:00 p.m.

NOTE: 2 PDHs will be provided for continuing education credit!

Refreshments will be provided
Sponsored by Schully-Strawn & Associates

TREASURER'S REPORT

COMMITTEE REPORTS

Statement of Accounts	April 30, 2003	Aug. 30, 2003
Certificate of Deposit (Heller)	\$ 6,500.00	\$ 6,500.00
Certificate of Deposit (Jordan)	\$ 7,000.00	\$ 7,000.00
Certificate of Deposit (Guth)	\$ 500.00	\$ 500.00
Savings Account	\$ 1,264.02	\$ 1,370.95
Checking Account	\$ 3,712.61	\$ 1,148.93
Total Account Balance	\$ 18,976.63	\$ 16,519.88

Statement of Income

Income:

Dues	\$ 840.00
Meals	\$ 877.57
Golf Tourn.	\$ 0.00
ASHRAE Research	\$ 0.00
Misc.	\$ -
Other	\$ -
Total:	\$ 1,717.57

Expenses: (May '03)

Bank Charges	\$ 0.00
Meeting/Meals	\$ 940.61
ASHRAE Research	\$ 2,280.56
Newsletter -Sept.	\$ 85.00
Savoies	\$ 296.02
Pins & Awards	\$ 170.55
Total:	\$ 3,637.74

Net Income (Loss): **(\$ 1,920.17)**

PRESIDENT'S MESSAGE (CONT.)

Please take a minute to read this year's list of Officers and Committee Chairmen. We have an outstanding group of people working to serve our chapter and ASHRAE, but they need your help. We need everyone to be involved to make our chapter a success, and we welcome your assistance or suggestions.

I am honored to serve as your President, and I look forward to working with all of you to make this year a success for the Shreveport Chapter of ASHRAE.

Thomas Sanders, P.E.

Membership Promotion

There are many benefits to being a member of ASHRAE; from the annual handbook to discounts on ASHRAE publications as well as outstanding technical presentation at local and society meetings. ASHRAE membership provides the opportunity to obtain technical knowledge of systems and topics concerning the HVAC industry as well as meet key people in the Shreveport HVAC market. ASHRAE also provides a means to obtain leadership training through participation on chapter or technical committees at the society level.

The membership promotion committee will be very active this year, increasing membership, and upgrading eligible members. If you would like to learn more about the benefits of ASHRAE membership or know of a potential new member contact Mike Middleton at 221-8638.

October will be Membership Promotion Night a perfect opportunity to introduce a guest to ASHRAE!

Mike Middleton, P.E.

Research Promotion

I am please to announce the ASHRAE Fall Golf Classic!! The Resource Promotion Committee is hard at work putting together another great event.

Our big donor this year is Outback Steakhouse. Their managing partner has agreed to cater dinner for us free of charge. They will be grilling steak and chicken for all hungry golfers. They also will me setting up a margarita bar at a par three hole and offering a free dinner for two for anyone who gets within five feet of the hole on their first shot.

We will be having all kinds of prizes and raffle items.

Because of the commitment from Outback Steakhouse we are trying to get all the registrations in by October 10, in order to give Outback an accurate count.

Nathan Wilemon

Taking A Load Off The National Power Grid: New Solar-powered Window System Heats, Cools, Lights, And Shades Commercial Buildings

TROY, N.Y. -- A team of researchers at Rensselaer Polytechnic Institute has developed the first of its kind solar-powered, integrated window system that could significantly reduce dependency on the same energy grid that caused the biggest power outage in U.S. history. Designed to function as a shading system, the Dynamic Shading Window System (DSWS) uses a newly developed solar-energy technology to convert the sun's light and diverted heat into storable energy that can be used to also efficiently heat, cool, and artificially light the same office building.

Developed primarily for commercial buildings, the DSWS blocks the harshest rays while allowing the most pleasing daylight to stay in a building's interior.

"Our system, which can be incorporated into existing commercial buildings as well as new ones, could become a significant part in the development of an overall energy plan to reduce dependence on the national power grid. This could save businesses -- the biggest consumers of energy -- untold utility costs and significantly reduce U.S. need for fossil fuels," says Anna Dyson, assistant professor of architecture who co-developed the DSWS.

How It Works

The DSWS system is made of clear plastic panels that fit in between two panes of glass. On each panel are dozens of small, pyramid-shaped units, or "modules," made from semi-translucent focusing plastic lenses, that track the motion of the sun. Sensors, embedded in the walls or the roof, ensure that the units are always facing the sun to capture all incoming rays while at the same time deflecting harsh, unwanted rays from a building's interior.

Each unit holds a miniaturized photovoltaic (PV), or solar-cell, device used to collect light and heat that is then transferred into useable energy to run the motors, also embedded in the building's interior walls. The remaining energy is used for heat, air conditioning, and artificial lighting. The surplus energy can be directly and automatically distributed through wires inside a building's walls, or can be stored in a group of batteries, for later use. "This solar-powered technology will provide the typical business office the most superior lighting available--natural daylight. It will allow for better views outside your window that are no longer hidden by a standard shade or obscured by penetrating glare," says Dyson.

A New Material World

Systems, such as the DSWS, that would seem futuristic just a few years ago are becoming a reality because of the advent of thinner, "smarter" materials. These new materials -- many of which are being researched and developed at Rensselaer -- are allowing researchers to "shrink" existing technologies to make new compact systems that are more effective and visually unobtrusive. For instance, the typical four-foot-by-four-foot silicon solar panels have been pared down to one square centimeter. These tiny solar cells are one of the new technologies being incorporated in the DSWS

Kurt Lyles

Source: [Rensselaer Polytechnic Institute <<http://www.rpi.edu>>](http://www.rpi.edu)

Date: 2003-08-27

A BACKWARD GLANCE

Dee Noonan

Summer is over and the "Dark Ages of Fall" and winter are fast upon us. Another cycle of ASHRAE has just started and we welcome a new slate of officers. That is how it has been for over fifty years. This year will be, in many ways, no different.

But there will be a difference this year. John Tarlton, one of our past presidents and good friends past away on July 16, 2003 and will no longer be at the meetings with us.

John was born in Natchitoches 77 years ago and worked for Berg Mechanical for many years. He was widely respected not only for his business sense, but also for his great sense of humor and sense of commitment to all things that involved him. He was a tall man and he knew how to "stand tall" when it mattered.

We all have favorite memories of John, times we were with John, and things we did with John. Let us hold tight to them and wish John's family the very best. Good bye old friend.

Have you ever felt like you were wearing a brown suit in a room full of tuxedos? I'm sure that John Watts, our president to be, felt that way when he was forced to announce that he could not serve as president of our chapter, because he was moving to Houston after accepting a new job. Much as we will miss John it is with great joy that we see people advance in their careers and I think we are all happy for John.

John was always a very dedicated and hard working man, one who would step forward, take the job, get it done right. He was a great help to many of us in ASHRAE in Shreveport and I hope that the Houston Chapter is able to put him in a position that will help their chapter.

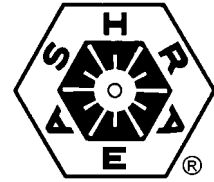
Good luck John, we will miss you.

Well that's enough from the Historian this month.

See you all at the meeting.



ASHRAE GOLF TOURNAMENT



This Fall Golf Classic will be benefiting ASHRAE Resource Promotion.

Where: Olde Oaks Golf Club

When: October 22, 2003

12:00 Lunch Served

1:00 Shotgun Start

Format: Four Man Scramble-Assemble your own team or we can pair you with others

What's Included: Round of golf, Box lunch, Range balls, Catered dinner and beer and

soft drinks all day!!!

OUTBACK STEAKHOUSE WILL BE CATERING DINNER.

There will be closest to the hole and longest drive contests.

TONS OF DOOR PRIZES WILL BE GIVEN AWAY AT DINNER!!!!

Cost: \$90.00 per person-THERE WILL BE A TEN DOLLAR DISCOUNT FOR PAYMENT BEFORE TOURNAMENT TIME!!!!

Sponsorship--\$150 Hole Sponsor with a nice sign at your sponsored hole.

This will automatically get your company on the ASHRAE honor roll

Because this tournament is for ASHRAE Resource we would like to encourage you to not only participate but also encourage your friends or family to play-even if they have nothing to do with ASHRAE. It is for a good cause!!!

Please fill out this form and fax it to Nathan Wilemon at 318-221-6653.

Name	Company	Phone/Fax	Handicap
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____

HURRY-BEFORE YOU GET LEFT OUT OF THE EVENT OF THE YEAR!

The officers, board of governors, and committee chairmen for 2001-2002 are listed below.
Call with your ideas and suggestions.

We encourage your support!

OFFICERS

President	Thomas Sanders	865-5663 x469
President Elect		
Secretary	Elmer Tingler	797-5006
Treasurer	Gary Patrick	671-0015

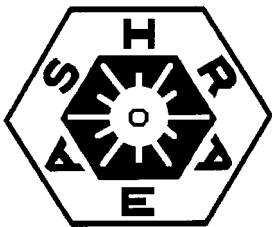
BOARD OF GOVERNORS

Thomas Sanders	865-5663 x469
Gary Patrick	221-3549
Jeff Lutz	686-7588
Mike Middleton	221-8638

COMMITTEE CHAIRMEN

Membership	Mike Middleton	221-8638	Research	Nathan Wilemon	634-1934
Chapter Programs	Thomas Sanders	865-5663 x469	Newsletter	John Gegg	865-1466
Historian	Dee Nooner	865-1466	Honors & Awards	Nancy Simonton	
TEGA/Refrigeration	Roger Stanley	865-1466	CRC Delegate		
Student Activities	Jim Watts	869-3262	CRC Alternate		

The *Flue Pipe* is published monthly by the Shreveport Chapter of ASHRAE. Statements made in this publication are not expressions of the Society or of the Chapter and may not be reproduced without prior consent of the Chapter.



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