



The A.S.H.R.A.E. Newsletter

American Society of Heating, Refrigeration and Air conditioning Engineers, Inc.
Southwest Florida Chapter # 139

Voted Region XII Best Newsletter for ASHRAE Year 1998 - 1999 & 2006 - 2007

January 2008

Volume 13 Issue 5



PRESIDENT'S MESSAGE

Greetings Southwest Florida Chapter Members:

I hope your Holiday Season was relaxing and enjoyable! We are now into a new year. I hope this year is rewarding and successful for you personally and professionally.

This month, we are excited to welcome ASHRAE Society President Kent Peterson PE to our Chapter. Mr. Peterson will speak to our Chapter at our January 9 meeting. His topic is:

"GREATER EFFICIENCY TODAY, BLUE SKIES TOMORROW: INNOVATION FOR A SUSTAINABLE BUILT ENVIRONMENT " . This is our second year to welcome the President of our organization to our Chapter. Please come out to meet Kent and his vision for tomorrow!

This month's meeting is also Student Members night. If you know of any students that may be interest in our profession, please bring them to this meeting. As you all know, attracting young engineering or mechanical contracting students is must for the future of our profession.

Up coming events for this ASHRAE calendar year include our annual Backwater Fishing Tournament and the presentation of nominees for our Chapter officers by the newly formed Nominating Committee.

Thanks to all of you for making the first part of this year extremely successful for our Chapter. We deeply appreciate your support. If you have any comments or topics that you would like to see presented at a Chapter meeting, please contact Lawrin Ellis, Sam Moreland or myself.

Wishing you all a great 2008!

Michael Myers

2007-2008 SW Florida ASHRAE Chapter President

JANUARY MEETING NOTICE

Topic:

GREATER EFFICIENCY TODAY, BLUE SKIES TOMORROW: INNOVATION FOR A SUSTAINABLE BUILT ENVIRONMENT

Guest Speaker:

**KENT PETERSON, P.E.,
2007 - 2008 ASHRAE PRESIDENT**

Meeting Location:

Magnolia Room
Town Center at Pelican Preserve
(just off Colonial Blvd.)

Date:

January , 2008

Time:

5:00 – 6:00 Board of Governors Meeting
5:45 – 6:45 Technical Session
6:45 - 8:30 Dinner, Meeting and Program

Cost:

\$30.00

Reservations are required.

RSVP to Stacey Perkins:

(239) 275-9420

Or

Sperkins@trane.com

Or on line at:

www.swflashrae.org



This Month's Topic:

MAIN PROGRAM – GREATER EFFICIENCY TODAY, BLUE SKIES TOMORROW: *INNOVATION FOR A SUSTAINABLE BUILT ENVIRONMENT*

BACKGROUND: President Peterson, like many of you, became an engineer and joined ASHRAE because he wanted to help make a difference. ASHRAE members are fortunate to be able to work with some of the best and brightest minds in our field to advance the built environment. The synergistic energy of ASHRAE members working together, sharing ideas, and advancing the standards of practice provides tremendous value to our members and the public.

Everybody is affected in one way or another by buildings – we are born in them, we live in them, we work in them, and in many cases we are healed in them. Collectively through our work, we have been able to provide comfortable, healthy and safe buildings that have substantially improved the quality of our lives.

On the flip side, the energy consumed by these buildings is helping fuel a new crisis – a crisis of global energy availability and increasing greenhouse gas emissions. And in the words of Stanford Economist Paul Romer, “a crisis is a terrible thing to waste.” Because ASHRAE has such tremendous strength in the technical knowledge of its membership, President Peterson views this crisis is a tremendous opportunity for ASHRAE - an opportunity to show the world we can provide the innovation needed to substantially reduce energy consumption in the built environment.

KENT PETERSON, P.E., 2007 - 2008 ASHRAE PRESIDENT

Kent W. Peterson, P.E., Fellow ASHRAE, is vice president and chief engineer of P2S Engineering Inc., Long Beach, California. As ASHRAE's president, Mr. Peterson directs the Society's Board of Directors and oversees the Executive Committee. Through his theme, *Greater Efficiency Today, Blue Skies Tomorrow*, Mr. Peterson emphasizes innovation in the quest for sustainability in the built environment. He notes that “energy efficiency should always be the elegant alternative to fuel consumption.” As such, he encourages ASHRAE members and the industry to be more innovative in their thinking, more daring in their creativity, and more dedicated to their pursuit of best practices that will dramatically improve building energy performance.

Mr. Peterson has served on the Board as president-elect, treasurer, vice president, and Region X director and regional chair. Past service includes chair of Technology Council, Members Council, the Advocacy Committee, the President-Elect Advisory Committee the ASHRAE Learning Institute Board of Trustees, the Finance Committee, the Planning Committee, the Region-at-Large Transition Committee and the Student Activities Committee.

Mr. Peterson was president of the Orange Empire Chapter. He is a recipient of the Exceptional Service Award and the Distinguished Service Award.

He was awarded a bachelor of science in mechanical engineering from California State University at Long Beach.

Mr. Peterson resides in Cypress, California, with his wife, Carolyn, and three sons.

Past Presidents of #139 Southwest Florida Chapter

1982 - 1983 Edward O'Neal, P.E.
1983 – 1984 Edward O'Neal, P.E.
1984 - 1985 Dennis Holland
1985 – 1986 Ross Montgomery
1986 - 1987 Jeff Dorini
1987 - 1988 Kermit Rood
1988 – 1989 Bill Malphus
1989 - 1990 Tom Delnay
1990 - 1991 Nelson Tarbox
1991 - 1992 Gary H. Griffin
1992 - 1993 Gary H. Griffin
1993 - 1994 Jeff Zenoniani
1994 - 1995 Lisa A. Duritsch
1995 – 1996 Jason Grabowski
1996 - 1997 James Faulkner
1997 - 1998 Robert Risley
1998 – 1999 Winifred Denius
1999 - 2000 Paul Martin
2000 - 2001 Don Pine
2001 – 2002 Randy Saul
2002 - 2003 Jason Allen
2003 - 2004 Mark Brant, PE
2004 – 2005 Guy Van Meulebrouck
2005 – 2006 John Pennington
2006 – 2007 Kurt Vega

Please help us update the ASHRAE email list

Email to Kurt Vega at kurt.vega@emerson.com.
Or call 239-693-7200 X 218 mail to:

Kurt Vega
Emerson Industrial Automation / Saftronics.
5580 Enterprise Parkway
Fort Myers, FL 33905

Please include the following:

Name: _____

Address: _____

Phone: _____

Fax: _____

Email: _____

Membership # _____

Membership News

Are you in the right chapter?

Many of us busy as we are may have moved or relocated to a new position or firm not realizing that we should be in a different chapter of ASHRAE. Since I started ASHRAE in August I have run into some "locals" that may have forgotten to update their status to Chapter XII. Please contact me so we can fix your status!

UPGRADE UPGRADE UPGRADE!!!!

Welcome to ASHRAE John Stischok and Billy Teston

Since this coming meeting is our YEA night, I would like to introduce to you two young engineers currently working for our firm:

John Stischok currently is attending University of Central Florida pursuing a degree of Mechanical Engineering: Mechanical Systems Option with a graduation date of 2010. He has been interning with us since June of 2007 and has done a fabulous job here at B & I Contractors, Inc.

Billy Teston currently is attending Florida Gulf Coast University for Civil Engineering. After spending two years there he will be transferring to University of South Florida with a graduation date of 2011.

They both will be attending this upcoming meeting stop by and let me introduce you!

You can contact Autumn by
phone: (239) 332-4646
or by email: aspalding@bandicontractors.com

HISTORY

Chapter Historian Jason Grabrowski has highlighted another local company with a relationship with ASHRAE and the chapter.

COMPANY: Tom Barrow Company
ESTABLISHED: 1955
NUMBER OF EMPLOYEES: 165
HEADQUARTERS: Atlanta, Ga.
BRANCH OFFICE: Fort Myers, Florida

KEY EMPLOYEES:

Tom Barrow - Chairman
Tommy Barrow - President

Alan Green – Fort Myers Branch Office
Manager

COMPANY HISTORY:

Tom Barrow started his company by renting a desk in a large room that had one receptionist who answered the phones for several different companies. His first sale's profit was \$1.10. He took the \$.10 and bought a cigar and kept the \$1.00 in an envelope in his desk. This same one dollar bill was taken from his desk drawer, framed and presented to him at the company's 50th Anniversary.

Tom Barrow remained President until 1998 when his son, Tommy Barrow succeeded him. During that time he saw the following branches open: Jacksonville, FL. in 1965, Albany, GA. in 1973, Orlando, FL. in 1981, Tampa, FL. in 1983, Nashville, TN. in 1987, Memphis, TN. in 1989, Savannah, GA. in 1995 and the Ft. Myers office was opened in 1996. The most recent branch opened just a couple of months ago with our new Pensacola office.

In 1997 the Tom Barrow Co. expanded the product line to include custom applied equipment. This has allowed the company to be a full service provider to the mechanical contractors. The company now can supply everything from the air handler down to the diffuser.

The Tom Barrow Co. has been a **very strong supporter of ASHRAE** on many different levels. The corporate office donates each year at the national level on behalf of all of its offices. Each branch office also has officers and members as well as contributions to the different fund raisers that are held by the local ASHRAE chapters.

The Ft. Myers office holds a golf tournament each year where all of the proceeds from mulligans and the raffle are donated to ASHRAE Research. In addition, **Sam Moreland P.E.**, outside sales engineer for Tom Barrow's Fort Myers office, is currently serving as President – Elect for the Southwest Florida ASHRAE chapter.

**Celebrate Engineers, Engineering and Education During EWeek
Join ASHRAE and Celebrate In Your Community**

ASHRAE would like to encourage all chapters to celebrate EWeek by participating in any number of outreach activities that highlight the work of engineers to students and the general public.

[The Engineers Week Web site](#) has some great resources, including:

[50 Ways One Engineer Can Make a Difference](#)
[Organizing Your National Engineers Week Program](#)

[Engineer/Volunteer Kits](#)

This year's focus of National Engineers Week is on promoting engineering as a career to kindergarten through 12th grade students in your community. See the EWeek Web site for tips on ways you can help guide a young student's interest in engineering. See how your EWeek participation in your community involvement can make a difference in a young student's life by opening up the world of engineering to them. Also, this is a great way to get PAOE points for your chapter!

ASHRAE Continues Building Community of HVAC&R

ATLANTA – Eighty-five years after creating its first chapter outside the United States, ASHRAE has chartered its 170th chapter, based in Indonesia.

“ASHRAE recognizes that technology developed outside North America enhances our knowledge base,” Kent Peterson, ASHRAE president, said. “One way we can share that knowledge is by bringing members together via chapters, which allows them to work together, share ideas, and advance the standards of practice to improve the built environment. We see our chapter program as a way to build the community of HVAC&R.”

ASHRAE's continued growth is part of its overall strategic plan, which calls for the Society

to be a global leader in the HVAC&R community.

In addition to chapters in the United States, Puerto Rico, Canada and Mexico, ASHRAE has chapters in Brazil, Argentina, Singapore, Hong Kong, Malaysia, Taiwan, Philippines, Thailand, India, Saudi Arabia, Egypt, Lebanon, Kuwait, Greece, Sri Lanka, Pakistan, the United Arab Emirates, Portugal, Romania, Poland, Bahrain, Spain and Indonesia.

ASHRAE formed its first non-U.S. chapter in Toronto in 1922. The first chapter outside North America was formed in Singapore in 1984.

ASHRAE, founded in 1894, is an international organization of some 50,000 persons. ASHRAE fulfills its mission of advancing heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education.

ASHRAE Legislative Round-Up

HUD, USDA Required to Reference Standard 90.1 under New Energy Bill

WASHINGTON, D.C. – The U.S. Departments of Housing and Urban Development (HUD) and Agriculture (USDA) would be required to meet energy efficiency requirements in ASHRAE/IESNA Standard 90.1 under the federal energy bill signed into law by President Bush on Wednesday.

Under existing law, HUD and the USDA are required to write energy-efficient standards for public and assisted housing and housing with federally insured mortgages. Such standards have to be at least as stringent as ANSI/ASHRAE/IESNA Standard 90.1-1989, Energy Standard for Existing Buildings Except Residential, and Council of American Building Officials (CABO)-1992. When either 90.1 or CABO is updated, the agencies have a year to revise their standards, but this has rarely taken place.

Under the new law, HUD and USDA will be required to implement standards at least as stringent as Standard 90.1-2004 or the 2006 International Energy Conservation Code (IECC) for all new construction and rehabilitation of

public and assisted housing and housing with federally insured mortgages. Upon revision of 90.1 or IECC, HUD and the USDA have one year to update their standard to meet or exceed the revised requirements. If they do not do so within a year, all new and rehabilitation of housing covered by the federal standard will need to meet the revised IECC or 90.1, following a positive determination by the U.S. Department of Energy and HUD/USDA determination that it would not negatively impact availability or affordability of housing.

“This provides additional validation of the importance of energy savings in Standard 90.1 and also provides a baseline for all public and assisted housing and federally insured mortgage property in all states,” Doug Read, ASHRAE director of government affairs, said.

ASHRAE Provides Technical Guidance on Proposed Depreciation Bill

WASHINGTON, D.C. – ASHRAE has provided technical guidance for proposed legislation that would shorten the depreciation of certain HVAC&R systems.

Reps. Melissa Bean (Ill.) and Pete Hoekstra (Mich.) recently introduced HR4574, which would amend the Internal Revenue Code of 1986 to provide a shorter recovery period for the depreciation of certain systems installed in nonresidential real property or residential rental property.

ASHRAE, at the request of Bean, provided language on the depreciation of HVAC&R equipment. The existing depreciation period is 39 years. The proposed legislation would reduce the period to 20 or 25 years, encouraging replacement of equipment sooner that would result in more modern/efficient equipment being installed.

“ASHRAE contributed language that would encourage building owners to replace older, less-efficient HVAC&R equipment with newer, more efficient systems,” Doug Read, ASHRAE’s director of government affairs, said. “Owners also would receive additional incentive to go beyond the minimum efficiencies required in ASHRAE/IESNA Standard 90.1. Replacing this equipment will result in significant energy savings, reduced greenhouse gas emissions, and

would encourage the retirement of older chillers that require the use of CFCs.”

ASHRAE Supports Strengthened Building Code Enforcement

WASHINGTON, D.C. - ASHRAE has lent its support to legislation to strengthen building code enforcement, the Community Building Code Administration Grant Act of 2007.

The legislation, introduced by Sen. Mary Landrieu of Louisiana and Rep. Dennis Moore of Kansas, would provide federal grants to building departments to enhance public safety. The grant would provide \$100 million over five years to help local governments hire, train and equip code officials, including building and fire inspectors.

Moore spoke at a recent Congressional staff briefing, hosted by ASHRAE, which focused on Standards in the U.S. Economy: Energy Efficiency and Safety in Our Buildings.

ASHRAE to Host Satellite Broadcast on Integrated Building Design

ATLANTA - A free satellite broadcast and Webcast, *Integrated Building Design: Bringing the Pieces Together to Unleash the Power of Teamwork*, will be held from 1-4 p.m. EDT on April 16. The ASHRAE program focuses on whole-building integrated design.

“The broadcast explains what you and other members of the building team must do to advance high-performance buildings with improved design, construction and operations processes,” said Bill Williams, chair of the event. “Buildings that meet the needs of occupants and truly achieve sustainability objectives can only be created if the building community shares its knowledge and experiences.”

Online registration opens March 1 for satellite broadcast site coordinators and Webcast participants. Registration for satellite downlink viewers opens March 15. For more information, visit www.ashrae.org/IBDbroadcast. Registration is free.

PHOTOGRAPHS

ASHRAE Seeks Papers on Sustainable Urban Design

ATLANTA – ASHRAE is seeking papers focused on sustainable urban design for its 2009 Winter Meeting, Jan. 24-28, Chicago.

Papers and programs should present the latest developments in sustainability as applied to systems and equipment, application of their use in different types of buildings and, especially, the impact on urban settings. Topics include energy conservation, indoor environmental quality, application of ASHRAE guidance to achieve high-performing sustainable results, and international sustainability efforts.

The deadline for paper submittal is April 4. Submit papers online at mc.manuscriptcentral.com/ashrae or contact Mary McGee, meeting program administrator, at mmcgee@ashrae.org for more information. The deadline for other technical program submissions is Aug. 8.

[About ASHRAE](#)

The American Society of Heating, Refrigerating and Air-Conditioning Engineers advances technology to serve humanity and promote a sustainable world. Membership is open to any person associated with the field. [Click here to join ASHRAE](#)

[Reach new heights at the 2008 Winter Meeting](#)



Join ASHRAE at the 2008 Winter Meeting in New York City January 19-23, 2008 to reach new heights in professional development, networking and HVAC&R technology.



Research Promotion RVC Region XII
Dan Rodgers and Roger Coll



Past President John Pennington



The “Real” Mike Myers

ASHRAE 2007-2008 Chapter Meeting Dates

Meeting Date	Program	Speaker / Representative	Location
Sep. 12, 2007	Building Commissioning	Carl N. Lawson ASHRAE Distinguished Lecturer	Magnolia Room
Oct. 10, 2007	Joint Meeting with TCSCA/AIA – Panel Discussion Featuring Architects, Engineers (Donor Recognition Night)	-	Magnolia Room
Oct, 26, 2007	Golftober	-	Pelican Preserve
Nov. 14, 2007	FPL Incentive Programs (Research Promotion Night)	Keith Ponitz, FPL	Magnolia Room
Dec. 12, 2007	Smoke Control Part II; (Membership Promotion Night)	Mike Myers, TLC Engineering	Magnolia Room
Dec 14 2007	Hockey Night	Florida Everblades	Germain Arena
Jan. 9, 2008	GREATER EFFICIENCY TODAY, BLUE SKIES TOMORROW: INNOVATION FOR A SUSTAINABLE BUILT ENVIRONMENT (Young Engineers Promotion Night)	Kent Peterson	Magnolia Room
Feb 8, 2008	Envelope Seminar	Dr. Joe	TBA
Feb 13, 2008	Joint Meeting with CSI	TBD	TBA
Mar. 12, 2008	LEED and Proposed ASHRAE Standard 189;	Thomas M. Lawrence, Ph.D., ASHRAE DL (Pending)	TBA
Apr. 9, 2008	TBA	TBA	TBA
Apr.,2008	Backwater Fishing Tournament	Richard Brooks	Backwater
May 14, 2008	TBA	TBA	Magnolia Room
May, 2008	Pool Tournament	Lisa Duritsch	TBA
June, 2008	Presidents Party	Mike Myers	TBA

A.S.H.R.A.E - Southwest Florida Chapter 2007-2008 Officers and Committee Directory

Chapter Officers:

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Randy Munsey
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Historian

Jason Grabowski
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Student Activities

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