

January 2016 Edition

Upcoming Events

- January 13, 2016
 - FPL Rebate Program
- Jan. 25th-27th
 - ASHRAE 2016 in Orlando
- February 10, 2016
 - Lew Harriman

SWFL ASHRAE Refrigeration Tour

Date: Wednesday, January 13, 2016
Location: Holiday Inn at Gulf Coast Town Center

Time 6:00 to 7:00 Networking
 7:00 to 8:30 Dinner and Main Program

Cost: \$35.00 Per Attendee

There is no cost for college students with a valid student I.D.

Pre-Pay on our chapter website www.swflashrae.org
 or RSVP to Richard Brooks at Richard.Brooks@FPL.com

Main Program: FPL Rebates

This presentation covers the recent changes to FPL's HVAC Rebate Program. The program was updated November of last year. Topics to be covered include Thermal Energy Storage (TES), Energy Recovery Ventilation (ERV), Demand Control Ventilation (DCV), High Efficiency DX, and High Efficiency Chillers.

Guest Speaker: Richard Brooks, Sr. Engineer for Florida Power & Light

Richard is a native Floridian, born and raised in Jacksonville, FL. He is a Gator, graduating from the University of Florida with a BS in Mechanical Engineering. Richard is a registered Professional Engineer in the state of Florida and has an extensive background in Commercial & Industrial HVAC Systems. He has worked for fortune 500 companies including Johnson Controls, York, and Trane.

Currently, Richard resides in Fort Myers, FL supporting FPL's Demand Side Management group focusing on HVAC rebates from the West Coast of Florida and the Southeast Coast of Florida.

Richard is also the current President-Elect and Membership Promotion Chair for the SWFL ASHRAE Chapter!

**A message from Mr. Jason Hardman,
 SWF ASHRAE President**

HAPPY NEW YEAR! Hope everybody had wonderful Christmas and a safe and Happy New Year! Have you made your New Year's Resolution? Why not make it to attend at least 1 ASHRAE Meeting this year?! You won't regret it. We have some great topics coming up to close out our year. This month's meeting will be by our own President-Elect and Membership Promotion Chair, Mr. Richard Brooks. Richard will be discussing the FPL Rebates. There are changes happening, so make sure you make it to this meeting to stay up-to-date with the latest rebate programs!

Last month's Distillery tour at the Wicked Dolphin Rum Distillery was excellent! We have some pictures in case you missed it.

We are still looking for Sponsors and Volunteers for next year's CRC. If you are interested, please contact Richard Brooks (Richard.Brooks@fpl.com).

Finally, we are still looking for volunteers for our Student Activities Events. Last month, Richard Brooks and Bill Malphus helped referee at some of the FTC Robot Challenge Events, while Greg Clements, James Martin, and myself judged the FLL Lego events. We still need volunteers for these events, which are happening January 16th. If you would like more information on any of these events, please contact Bill Malphus (bmalphus@earthlink.net).

As always, thank you all for your support!

Jason Hardman
jhardman@tombarrow.com

SWF ASHRAE Chapter Officers 2015 to 2016			
President:	Jason Hardman	Newsletter:	Heather Hsi
President Elect:	Richard Brooks	Webmaster:	James's Friend
Vice President:	Ashley Fernandez	Sustainability:	Joy Milliman
Secretary:	James Martin	Golf Chair:	Isaac Lima
Treasurer:	Woody Wilson	Reception:	Ashley Fernandez
Research Promotion:	Ashley Fernandez	BOG 1:	Isaac Newton
Historian:	Isaac Lima	BOG 2:	Bill Malphus
Membership:	Richard Brooks	BOG 3:	John Pennington
CTTC:	Kathleen Simpson	BOG 4:	Woody Wilson
Programs:	John Pennington		Pat Graef
Student Activities:	Bill Malphus		
YEA:	Newton Freire		
Refrigeration:	James Martin		
Honors and Awards:	Woody Wilson		
GGAC Chair:	Heather Hsi		
Sustainability Chair:	Joy Milliman		
Fishing Chair:	TBD		

For Chair and Officer contact information, please visit www.SWFLASHRAE.org.

2016 ASHRAE Winter Conference and AHR Expo

Sun and fun make Florida a global destination! The 2016 ASHRAE Winter Conference and AHR Expo serve as similar attractions, drawing industry professionals from around the world to advance personally and professionally. The Conference will have a fresh feel with new tracks focused on design-build practices and residential systems as well as programs that align well with current trends in HVAC&R engineering. Energy efficiency and sustainability are emphasized along with current engineering and construction practices outside of the U.S. and Canada. Come experience Florida's attractions and ASHRAE's advances in technology.

Highlights!

- ASHRAE Headquarter Hotel is connected to the Orange County Convention Center, site of the AHR Expo. An easy walk to the latest and greatest technology!
- Kick off the Conference with a Welcome Party at SeaWorld!
- Technical Program features fresh feel with new tracks!
- Please visit ASHRAE.org for additional details!

Save the Date! Chapters Regional Conference (CRC)

is coming to the Southwest Florida Gulf Beaches!

Mark your Calendars for August 3-6, 2016 for our Annual event to conduct ASHRAE Regional Business, Train our Leaders, participate in Technical Sessions and have fun meeting new and old friends. The CRC committee has selected a FANTASTIC Resort that is guaranteed to WOW you—so please bring your families!

Please contact Kathleen Simpson for sponsorship (also see the attached flyer).

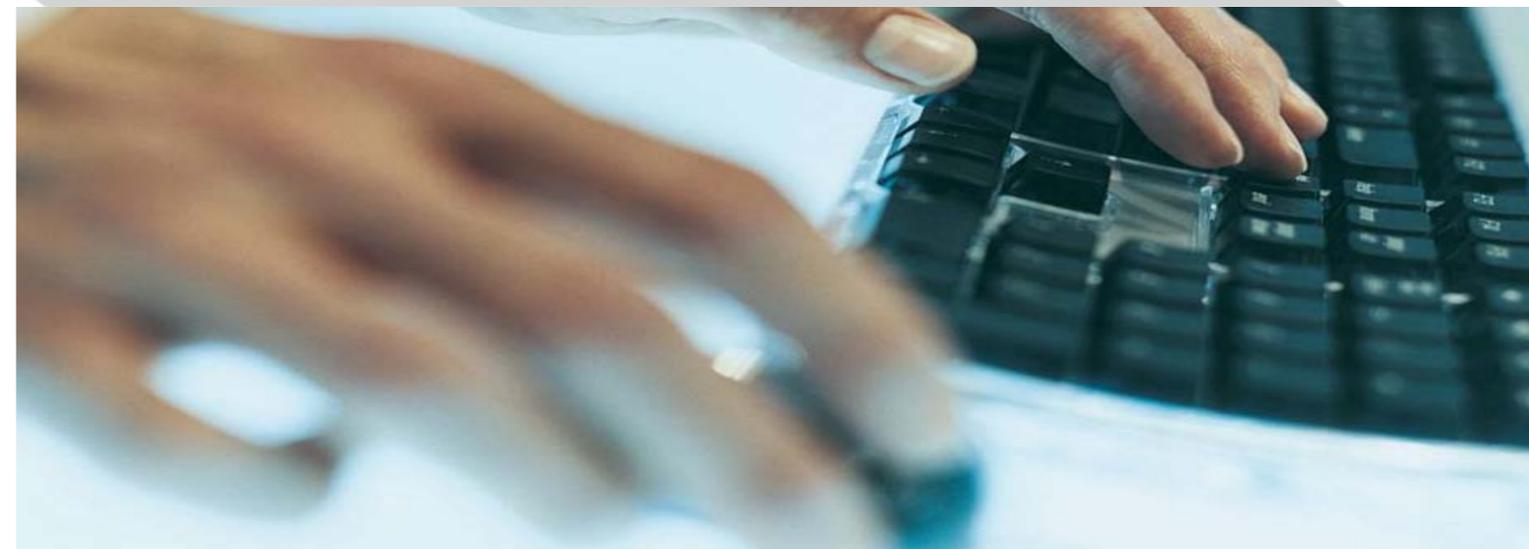
Hyatt Regency Coconut Point is offering a discounted hotel rate. Please contact Richard Brooks at Richard.Brooks@FPL.com for additional CRC details.

Refrigeration Update – James Martin

Alternative Air-Conditioning Refrigerants Show Big Gains at High Temperature

DUBAI, United Arab Emirates—Recent research found that climate-friendlier alternatives actually perform better than the most widely used HFC, R-410A, especially at very high temperatures. Results were presented Oct. 31 at a technical workshop in Dubai, one day after countries at the international Meeting of the Parties to the Montreal Protocol agreed to start formal negotiations about HFC phasedown proposals. Teams from Oak Ridge National Laboratory (ORNL), the Air-Conditioning, Heating, and Refrigeration Institute (AHRI), and the United Nations Environment Programme (UNEP) compared the cooling power and energy efficiency of R-410A and HCFC R-22 with lower global warming potential (GWP) alternatives, including R-290, HFC-32 and DR-55. Delegates from hot-climate countries, including Saudi Arabia, said that challenges remain, including the need to develop safety guidance, equipment availability, and training for technicians. Walid Chakroun, Ph.D., Fellow ASHRAE, of Kuwait University and the UNEP High Ambient Project, said that countries in hot climates would need only ten years to have all the details figured out and to ensure availability of climate-friendly equipment.

– Article by eindustry@ashrae.org The HVAC&R Industry, ASHRAE's free weekly eNewsletter 11/5/15



GGAC Regional and Chapter Activities

Congressional Democrats, Republicans to Plan Strategy at January Retreats

House and Senate Republicans will gather in Baltimore, Maryland next week for a retreat where they will piece together the major portions of their 2016 legislative agenda. Issues that are expected to be in the spotlight include: federal spending, tax reform, healthcare, climate change, gun control, and energy policy.

Democrats will hold their own retreat from January 27 to 29, where they will discuss their own legislative priorities.

The 2016 legislative calendar is expected to be front-loaded and packed with a dense amount of activity – although perhaps little legislation being enacted into law given the politics of the moment and upcoming elections. Energy legislation, budget, appropriations, FAA reauthorization, and the National Defense Authorization Act are among the issues that are, at this point, expected to dominate House and Senate floor time.

Curiously Uncertain Future for Senate Comprehensive Energy Bill

The Energy Policy Modernization Act (EPMA) of 2015 (S.2012) is the comprehensive bipartisan bill that is supported by most members of the Senate Energy & Natural Resources Committee – including the Committee's top Republican and Democrat. Additionally, because the many parts of EMPA have been working their way through Congress for the past several years, the attitudes of Members of Congress towards the bill are generally well-known. Despite all of this, the bills' fate remains unclear – for the moment.

According to Senate staff, given the anticipated congressional calendar and likely need to address other unforeseen events, the best time for EPMA to be debated and possibly passed is between January and early February. This is a unique window in which Members of Congress are in Washington, DC for an extended period of time with nothing definitely scheduled yet for the Senate floor. The schedule will solidify over the next two weeks.

If EPMA is debated on the Senate floor, it will likely occur under an open amendment process, which could either allow Members of Congress to voice their concerns and add favored provisions to it or grind consideration of the bill to a halt. While surprises do occur, if EPMA is derailed in January-February, it's unlikely to be taken up again until 2017.

President Obama Prepares to Give His Final State of the Union Address Next, Setting the Stage for His Last Days in Office

US President Barack Obama will deliver his final State of the Union address on Tuesday, January 12, where he will look back on his time in the Oval Office and present what he'll seek to accomplish before his term ends. Given the proximity of the Paris climate agreement at COP21 and the importance of his Clean Power Plan, it would be no surprise if President Obama discussed climate change and the need for environmental stewardship. The question is, since the buildings sector figures prominently in many of the President's energy and climate plans, will he mention high performance buildings?

ASHRAE **Southwest
Florida
Chapter**



**Wicked Dolphin Rum Distillery Tour
December 2015 Meeting**