



Triple Point

Johnstown Chapter of the American Society of Heating, Refrigerating and Air-Conditioning Engineers

February

2007

Volume I, Issue V

The next Meeting is Thursday February 22, 2007

RSVP:
by Wed, Feb. 14, 2007
to Dave Bacci
dbacci@hflenz.com
\$20 per person

6:00-6:30: Dinner
6:30-7:00: Awards during Dinner
7:00-8:00: Presentation

University of Pittsburgh at Johnstown
Heritage Hall, Living Learning Center

Directions: Attached to end of Newsletter

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2007 Engineer's Week Awards Banquet from PSPE

This months meeting is a joint one with the Pennsylvania Society of Professional Engineers. This is the annual awards Banquet.

The speaker for this year is Mr. James Kline of the Pennsylvania Department of Environmental Protection, Bureau of Oil and Gas Management. Mr. Kline's topic will be "Application of Mathematics Concerning DEP's Oil and Gas Management Program."

"Presidents Message"

Thanks to everyone who came to our January meeting. Bill Bahnfleth did an excellent job in presenting "The Quest for Chilled Water System Efficiency". Despite the somewhat inclement weather, there was a good turnout.

This month we will be having our annual joint meeting with PSPE. The Johnstown Chapter of ASHRAE will also be giving out three scholarships to very deserving students. PSPE has lined up a speaker from the Department of Environmental Protection, so I hope you can make it.

The Johnstown Chapter annual golf outing will be held July 19, so mark your calendars! Also, we are happy to announce that we have arranged to have ASHRAE Distinguished Lecturer Victor Goldschmidt speak at our joint meeting with ASPE on March 20th.

See you at the meetings!

John Weiland

Directions to Heritage Hall, Living Learning Center

From Eastern, Southern, or Western Points:

PA Turnpike to Exit #110, Somerset. From Somerset take Route 219 North to the Elton Exit, PA 756. At the end of the exit ramp, turn right. At light turn right onto Theater Drive (Sleep Inn and Comfort Inn on your right). At the third light turn left onto Schoolhouse Road. Get into the left lane. At light, go straight. Make first right onto Picking Drive. Proceed to stop sign. The Living/Learning Center is straight ahead.

*Alternate Route from Eastern or Southern Points:

PA Turnpike to Exit #146, Bedford. Follow signs toward Johnstown via Route 56 West. Stay on Route 56 for approximately 30 miles until you reach a traffic light near the community of Windber; this is about 4 miles from the University. Continue on Route 56 to the third traffic light. At that intersection, turn right onto Eisenhower Blvd. (between Eckerd Drugs and Eat N' Park Restaurant.) At the next light turn right onto Theatre Drive. At the next light turn left onto Schoolhouse Road. Get into the left lane. At light, go straight. Make first right onto Picking Drive. Proceed to stop sign. The Living/Learning Center is straight ahead.



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2006-2007 ASHRAE Program Calendar

No.	Meeting Date	Theme / Events	Topic	Speaker	Joint Meeting With
1	October 10, 2006	Lamp of Knowledge Recognition Membership Promo.	Retrocommissioning	Pete Spinelli & Andrew Kindya	GBA
2	November 15, 2006	Young Engineer's Association Student Night	Insulation Products	Jack Hartzell (GIS Insulation)	ASPE
4	December 12, 2006	Research Promotion	Variable Refrigerant Flow	Dave Heckler	N/A
3	January 9, 2007	Donor Recognition Night	Variable Primary CHW Systems	Dr. Bill Bahnfleth	N/A
5	February 22, 2007	Scholarships & Student Night Young Engineer's Association	Mathematics with Oil and Gas Management	James Kline	PSPE
6	March 20, 2007	Membership Promo.	Global Warming & Energy Conservation	Victor Goldschmidt	ASPE
7	April 10, 2007	AIA Joint Meeting	TBD (By AIA)	To Be Determined	
8	May	Johnstown Riverhawks	Bedford Springs???		
9	July 19, 2007	Golf Outing	Golf	N/A	N/A

HVAC Challenge

Answer to last week questions is:

0.95 KW/TON

This weeks Question:

Is it legal for an engineer to sign and seal plans that were not prepared by him or prepared under his responsible direction, supervision, or control?

Answer: In next months Newsletter

January's Meeting Summary Report

Last month, we had another great presentation at Anthony's Restaurant in Johnstown. The presentation, given by Professor Bill Bahnfleth of Penn State University, began with his recounting of the commonly held concept of the efficient chilled water system being a water-cooled primary/secondary or primary/secondary/tertiary system with parallel chillers. As Bill explained, during the past decade, operational problems with this approach, technology developments, and out-of-the-box thinking by designers and manufacturers have called into question virtually every assumption of this approach. One of the most-discussed alternatives to primary/secondary design is variable primary flow, but it is far from the only new development. Decentralized pumping; more widespread use of variable speed drives on pump, tower, and compressor motors; series chiller arrangements, novel control schemes, and other options confront the system designer with a potentially baffling array of alternatives. Mr. Bahnfleth's presentation focused mainly on variable primary flow, but also touched on some of these other emerging trends and how they may help the chilled water plants of the future achieve much better performance.



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Newsflash from the CSI Chapter:

They have an official date set to tour the Bedford Springs Hotel on March 15 at 2:30. A social or dinner is to follow afterwards. Reynolds is the tour guide. Hard hat and boots required. The intent is for this to be a joint AIA/CSI adventure.

March 15th is a Thursday, CSI wants to drum up interest so I am passing this on. They will have the official announcement shortly in their newsletter and as always ASHRAE members may attend.

You can email lechl01@lrkimball.com if you would like to attend.

Industry News

UPDATE ON PROFESSIONAL DEVELOPMENT REQUIREMENTS IN PENNSYLVANIA

As reported in the December/January edition of THE NEWS, Senate Bill 655 was signed by Governor Rendell in November, and this means that Pennsylvania joins the list of states that will require continuing professional development (CPD) as a condition of license renewal. We have received some updated information on this from our friends at the Pennsylvania Society of Professional Engineers (PSPE) and would like to share this with you, in case you haven't already heard it. In the last article, we noted that Professional Engineers, Land Surveyors and Geologists would need to obtain 24 credit hours of continuing education each licensing period (2 years). The details as to what coursework or education is acceptable and accredited will need to be developed by the State Board which, under the terms of the Act, has 18 months to do so. It is likely that the necessary regulations will be similar to those adopted in other states which require continuing education and could follow the already-established National Council of Examiners for Engineers and Surveyors (NCEES) model. Another aspect to consider is the timing of the legislation. PE licenses will be up for renewal this year. Since the State Board has 18 months to develop the requirements of the program, this will not affect PE renewals until the following period (2009), which will most likely be the first renewal that will have the verification of continuing education requirements. In any event, Pennsylvania has taken a major step forward in this area, and we will keep you posted on developments as they occur. Thanks to PSPE and members Ruben David and Eric Flicker for this information.

Taken from Phila. Section ASCE Feb. 07 newsletter



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ASHRAE Officers & Chairpersons Contact Info

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2007 Johnstown Chapter
 ASHRAE Golf Outing
 Thursday, July 19, 2007
 Champion Lakes Golf Course

Route 711 – New Florence, PA

Check in will be from 11:30 a.m. to 12:30 p.m. You will be able to purchase lunch (hot dogs, etc.) at the snack shack or bar. Please be at your cart by 12:45 p.m. for any last-minute instructions by the golf course staff. **A shotgun start is scheduled for 1:00 p.m.** The format is a four-person scramble. The event will be held, **RAIN or SHINE**. In the event that the weather prohibits, the dinner and prize drawings will be held, and rain checks will be issued for use on the date of your choice.

**Please consider sponsoring a hole even if your company is not sponsoring a foursome.
 Thank you in advance.**

Name: _____ Tel: _____
 Company: _____ Fax: _____
 Address: _____ Email: _____

Sponsor a Hole - \$50.00 _____ \$ _____

Join in Golf - \$100.00 _____ \$ _____

(Guests are \$100.00 each)

Guest: _____ \$ _____

Guest: _____ \$ _____

Guest: _____ \$ _____

Total Amount Enclosed: _____ \$ _____

Please make checks payable to the **Johnstown Chapter ASHRAE**, and forward to:
 Scott Mack - H.F. Lenz Company - 1407 Scalp Avenue - Johnstown, PA 15904
 Telephone: (814) 269-9415 - Fax: (814) 269-9301

Please have Hole Sponsorships in by Thursday, July 5th.

To assure your golf reservations please respond by Tuesday, July 10, 2007