

# ASHRAE BLUEPRINT

January 2013

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Keith Luke

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**Open**

Refrigeration Committee  
**Open**

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## PRESIDENT'S MESSAGE Bob Everson

**Chapter Meeting: Wednesday, January 2nd, 2013 @ Westward Ho  
Social 5:00 PM, Supper Served at 5:30 PM, Program 6-7:00 PM**

**RSVP at the link below no later than Friday, December 28th.**

Please use SurveyMonkey via this link to give us a count on the meals for the meeting.

<http://www.surveymonkey.com/s/KTQVVMK>

Hope Santa Claus was good to everyone this year, and you got what you wanted for Christmas.

A survey was sent around to all the members for input on the February Special Meeting. If you have not participated, please do so in the next day or two so we can tabulate the results and put the event together. At this point, it looks like the Old Towne Dinner Theater is the choice of the majority; with the Jeff Dunham show close behind. If you have preference, let that preference be known.

If anyone has information to place on our website, please contact Ryan Jervik, our Chapter Webmaster, to place on the site. Keep in mind you can visit us on our Facebook page.

Our program will be on Dedicated Outside Air Systems, presented by Tom Peterson, with CDI.

The BOG will meet prior to the general meeting. If you have anything that should be on the agenda, please contact me to get it on the agenda.

See you at the "Ho".

# ASHRAE BLUEPRINT

**CTTC**  
**Ryan O'Connor**

This month we are pleased to welcome Tom Peterson, CEO of Concepts and Designs, Inc. to speak about Dedicated Outdoor Air Handling Systems. Please see his biography information below.

## **Bio – Tom Peterson, CDI**

Tom is a native Minnesotan, born and raised in Owatonna to a farming family. He attended the University of Wisconsin – Stout where he studied Industrial Technology.

Tom has served on the Owatonna Business Incubator Board, Minnesota Technology, Inc. Board of Directors and is currently serving on the Engineering Board of Oral Roberts University.

Tom has more than 30 years of experience in the HVAC industry. In 1989, Tom and his wife Sue started Concepts and Designs (CAD) in their home as a Computer Aided Drafting company. In 1991, the business was incorporated as Concepts and Designs, Inc. (CDI). CDI is a manufacturing company supplying Desiccant Dehumidification air handlers and Critical Process air handlers in commercial and industrial markets. CDI products are distributed through a national network of Manufacturers' Representatives. It is CDI's mission to provide their customers with high quality, energy efficient products, while striving for correct application of their products to each customer's needs.

## **The 2012-2013 South Dakota Chapter ASHRAE Line-up:**

Sept 13	Evening	Thomas Lawrence – The Basics of High Performance Building Design <i>ASHRAE Distinguished Lecturer</i>
Oct 3	Evening (Student Night)	Matt Pemberton, SEMCO <i>Humidity Control in Chilled Beam Design</i>
Nov 7	Noon	Charles Remund. <i>Importance of Grout TC for Geothermal</i>
Dec 5	Noon	Brian Johnson <i>Variable Frequency Drive side Effects</i>
<b>Jan 2</b>	<b>Evening</b>	<b>Tom Peterson, CDI</b> <b><i>Dedicated Outdoor Air Handling Systems</i></b>
Feb	Valentine	Old Towne Dinner Theater or Jeff Dunham TBD
Mar 6	Evening	
April 3	Evening (student night)	T.B.D.

May Fishing

June Golf

## **Membership**

**Keith Luke**

If you know of anyone that may be interested in joining ASHRAE, be sure to tell them about ASHRAE and invite them to a meeting. Membership information can be found at [www.ashrae.org/members/](http://www.ashrae.org/members/) or call Keith at 605-996-7548 with questions.

## **From ASHRAE HQ:**

**Jodi Scott**

### **Happy Holidays!**

As the holiday season approaches, our minds turn gratefully to those of you who have helped to make our progress possible. Those of us at ASHRAE Foundation hope you will accept our most sincere wishes for a safe and enjoyable holiday season for you and your family.

For Release:  
Dec. 12, 2012

Contact: Jodi Scott  
Public Relations  
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### **Chiller Efficiency Improvements Proposed for Standard 90.1**

ATLANTA – Chiller efficiencies for air and water cooled chillers would be boosted to more than 20 percent under a proposed addendum to the ASHRAE/IES energy standard.

Proposed addendum ch to ANSI/ASHRAE/IES Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings, changes the requirements for air and water cooled chillers as defined in section 6.4.2.1 and the efficiency requirements listed in table 6.8.1C. This change is a continuation of the efficiency improvements that were implemented in 2010 by further improving the efficiency requirements, according to Dick Lord, a member of the committee who developed the proposal through a working team of the Air-Conditioning, Heating, and Refrigeration Institute (AHRI) chiller section.

Addendum ch is open for public review from Nov. 30, 2012-Jan. 14, 2013. For more information, visit [www.ashrae.org/publicreviews](http://www.ashrae.org/publicreviews).