



ASHRAE

Technology for a Better Environment
Northern Nevada Chapter 126
October 2010 Newsletter

PRESIDENT'S MESSAGE: **BRANDON ETCHEMENDY**

It was great to see everyone back last month and thank you again Mr. Agopian for your presentation on filtration. We are also happy to announce that we were able to bring back the raffle this year thanks to donations from our great supporters and help from all of our volunteers.

We are still trying to find a new home for our monthly meetings and hope to have everything finalized next month. Also a vote was held at last month's dinner and it was decided to move the meeting time to **5:30 for cocktails and 6:00 for dinner**. I want to thank Michelle Miller for all of her hard work on finding us a new home and our great temporary locations.

In the interim we have selected the original Great Basin Brewery at 846 Victorian Avenue, Sparks, Nevada. Mr. Chris Little will have all of the details for us in his monthly update.

On another note; we are planning this years wine tasting fundraiser and have decided to hold the event in early January rather than early December. We hope this alleviate the conflicts with Christmas parties and other festivities allowing more people to attend this awesome event. We have not finalized a location but would love input from all of you should you have any suggestions.

Keep those donations coming for research and promotions; they are what keep our industry proactive for the betterment of our industry. If you would like to make a donation contact Jason Bender jbender@calhydro.com or myself brandon@aspenreno.com.

I look forward to seeing you at this months meeting!

Thanks!
Brandon Etchemendy
Chapter President 2010-2011
Northern Nevada Chapter

PRESIDENT ELECT / PROGRAM CHAIR:
CHRIS LITTLE

October Meeting ~ Thursday, October 21st, 2010
The meeting will be held at the original Great Basin Brewery in Sparks
Cocktails at 5:30, Dinner at 6:00, Speaker from 6:15 'til 7:00'ish

Great Basin Brewery
846 Victorian Avenue
Sparks, Nevada
(775) 355-7711

Topic: *Using Embedded Tube Radiant Cooling Systems to Maximize LEED Points*

Topic Description:

As more and more jurisdictions and building owners are requiring higher levels of LEED certification for their projects, design teams are looking beyond traditional HVAC solutions to provide the energy efficiency needed to maximize LEED points while maintaining occupant comfort and safety. In-slab radiant heating systems have enjoyed popularity both here in the United States and abroad for years. Now, with the availability of improved control systems and better understanding within the design and construction community, the same concept can be applied to radiant cooling as an energy-efficient and cost-effective solution. This program will cover the following topics:

Radiant Cooling Heat Transfer Fundamentals
Radiant Cooling Performance/Capacity
Typical Construction Methods
Frequently Asked Questions

Attendees will gain an understanding of how in-slab radiant cooling systems can be used as part of an energy-efficient design solution to maximize Energy and Atmosphere credits for LEED certification, and see examples of how this has been accomplished on projects both here in the United States and abroad.

Speaker's Biography:

This month's topic will be presented by Devin A. Abellon, P.E. Mr. Abellon is a registered professional engineer with over 15 years of experience designing HVAC systems for commercial, institutional, industrial, health care, and municipal projects. Mr. Abellon acted as Vice President and managing principal of LSW Engineers California, Incorporated in San Diego until late last year, when he accepted a position as Business Development Manager for Uponor North America. Mr. Abellon earned his B.S. degree from the University of California at Santa Barbara in 1993. He is an active member of ASHRAE and is currently the Programs Chair for ASHRAE TC6.5 – Radiant and Convective Space Heating and Cooling.

RESEARCH AND PROMOTION CHAIR:
JASON BENDER

ASHRAE Members-

We are continuing our campaign and need your help to do our Chapters part to help further research in our industry. We have a Chapter goal of \$5500 to be donated for the 2010-2011 Research Promotions Campaign. I'd like to thank those that have contributed in the past, but we will need everyone's help to reach our goal for this year. Please think about what you can do as an individual to help our chapter do its part to support the research projects that help keep our industry moving forward by improving the technology that shapes the systems that we are all involved with.

Please at a minimum take some time request that your company support our chapter with a donation to the ASHRAE RP Campaign! Please send any donations or checks to my office for collection and processing, or bring the checks to a meeting and give it to me there! You will receive receipt that can be used for tax-deduction purposes.

ASHRAE
C/O CHC-Reno
500 Ryland St #120
Reno NV 89502

Jason Bender
RP Chair, ASHRAE N. Nevada

CHAPTER SECRETARY CHAIR:
BRIAN BASSI

2010-2011 Northern Nevada ASHRAE BOG Meeting
Meeting Notes by Brian Bassi - Secretary
September 9th, 2010

Members attending: Brandon Etchemendy, Chris Little, Bryan Tilton, Michelle Miller, Candice George, and Chun Lee.

Meeting occurred at 12:00 p.m. at Great Basin Brewing Company, Sparks.

- CRC spreadsheets need to be finished and sent to Jack.
- An increase in dues from \$2.50 to \$5.00 per member may occur next year.
- It has been proposed that the monthly meeting be moved up to 5:30 instead of 6:00. This will be voted on by members at the September monthly meeting.
- September monthly meeting will be held at the Brewhouse. Venue of future meetings will be decided based on our experience at the Brewhouse.
- Our chapter does not have tax-exempt status in Nevada. Tax forms need to be completed.
- An audit is to be performed and a report is to be sent to Regional. Account signers should not be involved in this audit.
- Bryan Tilton to bring raffle tickets and prizes to September meeting.
- Preliminary date for ASHRAE Wine Tasting is December 3rd. Brian Bassi will find out when the new Whispering Vine on Foothill Road will open, as this may be a better location than Booze Brothers.
- An Outlook meeting request will be sent out for September meeting (indicating the change in location). This is also a good way to get a head-count prior to the meeting.

Meeting adjourned at 1:15 p.m.

2010-2011 Northern Nevada ASHRAE Monthly Meeting
Meeting Notes by Brian Bassi - Secretary
September 16th, 2010

Meeting occurred at 6:00 p.m. at the Brewhouse, Reno.

- Members unanimously voted to move the monthly meeting time from 6:00 p.m. to 5:30 p.m.
- The Whispering Vine tenant improvement on Foothill Road should be completed by the preliminary date for the ASHRAE Wine Tasting (December 3rd).

Meeting adjourned at 7:45 p.m.

TREASURER CHAIR:
BRYAN TILTON

“Checking account balance is \$6,970.61 and the savings account is \$12,555.54. Proceeds from the Region X CRC will be split between the region and our chapter. Region X will be receiving a check for \$2,836.49 and our chapter will be receiving the same amount to donate towards this year’s research and promotions goal.”

MEMBERSHIPS PROMOTIONS CHAIR:
CHUN LEE / No update this month.

SHOOT CHAIR:
MATT BRENNAN / No update this month.

CRC & STUDENT ACTIVITIES CHAIR:
CANDICE GEORGE / No update this month.



Mission Statement

*To advance the arts and sciences of heating,
ventilating, air conditioning and refrigeration,
to serve humanity and promote a sustainable world.*

For Release:

Oct. 7, 2010

Contact: Jodi Scott

Public Relations

678-539-1140

jscott@ashrae.org

ATLANTA – With the growing emphasis on energy consumption reduction and cost savings, there is a recognized need for credible information to help in the assessment and modeling of energy use in buildings.

A new certification program from ASHRAE will help fill that need, recognizing individuals' ability to audit and analyze residential, commercial and industrial buildings. The Building Energy Assessment Professional (BEAP) certification complements ASHRAE's Building Energy Quotient program as well as its Building Energy Modeling Professional certification. Together, the programs provide a valuable toolkit when it comes to the evaluation and reduction of building energy use.

"We all know that 'we can't manage what we can't measure,'" Tom Phoenix, chair of the committee that developed the BEAP certification, said. "Providing reliable energy analysis means we are holding ourselves more accountable for the energy our buildings use. The results of an analysis can tell us which systems are working efficiently and which systems provide opportunities for improvement."

The BEAP certification certifies individuals' ability to audit and analyze residential, commercial and industrial buildings including determining project scope, collecting data, analyzing building performance, interpreting results, evaluating alternatives, submitting recommendations for energy conservation measures and assisting with the implementation of these recommendations.

The program was developed in collaboration with representatives from ASHRAE's Building Energy Quotient (BEQ) program, the Illuminating Engineers Society, the National Institute of Building Sciences, the Sheet Metal and Air Conditioning Contractors' National Association and the Testing, Adjusting and Balancing Bureau.

The program launches Feb. 2, 2011 with a pencil and paper examination in conjunction with ASHRAE's 2011 Winter Conference. Learn more at www.ashrae.org/beap.

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.