

THE HOT AIR DIFFUSER

Chapter Newsletter

October 2017



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September CHAPTER MEETING

October:

The presentation will discuss building envelope testing (BET) and commissioning (BECx) on projects in Portland OR and central/eastern WA. The discussion will go over both positive and negative outcomes with talking points on code, design intent, construction practices, and lessons learned.

Speaker Bio: John Herboth is a Commissioning Project Manager at Northwest Engineering Service Inc. Over the last 10 years at NWESI, he has commissioned over 50 projects and during the last 3 years, he has led their Building Envelope Services with a dozen completed projects to date.

When:

Wednesday, October 11, 2017
11:45 am to 1:00 pm MST

Please Register online at:

www.idahoashrae.com

Where:

Whaooz Family Fun Zone
1385 S Blue Marlin Ln,
Meridian, ID 83642

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.

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President's Message

Michael S. Jones – PE, CPMP, CEM



October falls in a transition period for energy usage. The decreased need for air conditioning gives way to increased need for heating. Shorter days require a higher demand for lighting.

In 2015, 75% of Idaho's utility scale net electricity generation came from renewable energy resources and we were tied with West Virginia for the sixth lowest average electricity prices¹. This is a great accomplishment that the State should be proud of.

So if we have an abundance of renewable energy resource, what are we doing with it and how do we compare with other states. Well as of 2015, the state ranked 22nd in total energy consumption per capita at about 317 million Btus (all fuel types). This means we did a better job of conserving energy resources than say Louisiana at 912 million Btus, but maybe not as great of a job as Utah at 264 million Btus. Regardless, there is still some room for improvement as a State when it comes to the consumption piece. Energy conservation means only use what is necessary. The simple remedies usually work best, when not in use just turn it off. This includes anything to lights to air conditioning to office equipment. These kinds of things are small potatoes. Our chapter's membership base is uniquely qualified to reign in a much higher contribution to energy conservations. As design engineers, equipment suppliers, contractors, commissioning agents, we can influence savings that equate to turning of millions of lights with a simple design, installation or optimization decision.

In closing, I'd like to introduce a tool system that ASHRAE has developed a tool to help optimize a current design, evaluate an existing building and to see how they compare with other buildings. Go to : <http://buildingenergyquotient.org/>. I'd really like to hear from you if you have already used or read this and used it to help with a current design or optimization. Shoot me an email with some high level details and lets get it onto our website and/or newsletter. mikejones@seedidaho.com

¹ <https://www.eia.gov/state/?sid=ID>



HISTORY LESSON

October

Five Years Ago

The chapter president was Randy Reed. The meeting was held on Wednesday, October 10, 2012, at the Idaho Power Building. Mark Grimes, from the Bureau of Facility Standards, gave a presentation on the overview of the agency, their responsibilities, rules, base codes and major concerns for the built environment.

Ten Years Ago

The chapter president was Xenon Long. The meeting was held on Friday, October 12, 2007, at the Idaho Power Building. Cory Law, Siemens Technology, gave a presentation on wireless communication for building automation systems.

Fifteen Years Ago

The chapter president was Preston Nance. The meeting was held on Friday, October 11, 2002, at the Double Tree Riverside. There was a technical session by Tim Marshall, Columbia Hydronics, on air elimination and control in hydronic systems.

Twenty Five Years Ago

The chapter president was Richard Kartchner. The meeting was held on October 23, 1992, at Potomac Place. Howard Van Boerman gave a presentation on the design of the refrigeration for the bobsled run in Salt Lake City.

Thirty Years Ago

The chapter president was Phil Terrell. The meeting was held on Friday, October 9, 1987, at the Kings Table Restaurant. Jan Packwood, the Idaho Company, gave a presentation on the objectives and goals of the Idaho Company, dedicated to promoting economic growth in Idaho.



Membership News

Do you know that you qualify to upgrade your membership grade from “Associate” to “Member” if you meet the following criteria?

12 Society-approved years of experience composed of an approved combination of:

Completed education beyond high School.

Work experience.

Professional Engineering or related registration or license issued by legally authorized body.

The Only way for us to find out that you qualify for Member Advancement is if you update your bio and notify the Chapter’s Membership Promotion (MP) Chair.

Ask your MP Chair if you qualify for Membership Advancement...

The membership Advancement list is currently empty. Add your name!

New Members

Please welcome the following new members of our chapter:

James Hays

Claire Chamberlain

Cory Luce

Nicole Difidi



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Online Advertising!!

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www.idahoashrae.com

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Professional Development Hours

Professional Development Hours are now available at

ASHRAE monthly meetings!



Issues registering for monthly meetings?



**Please contact Sherief Sherief @
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Interested in becoming more involved with your local ASHRAE Chapter? Positions will be opening up soon!

Please contact Mike Jones @
mikejones@seedidaho.com for
more information.



