President’s Message

We all know that there is nothing more guaranteed in financing that taxes and inflation. We are finally giving in to increasing our meeting meal prices so we can break even for our meeting costs. We have been putting this off for a number of years and at least three price increases by Anthony’s. We hope that the quality of the food and meeting space is well worth a couple extra bucks! We have also added another health-conscious menu option that will keep your meal budget and pant size the same.

I am also very glad to announce that we raised $3500 from our first Annual Nebraska ASHRAE Trap shoot event alone! My esteemed appreciation to Jake and Chuck Kopocis with Control Services for orchestrating this event and Kyle Heberly with Mech Sales for all the good food and drink. Another thank you to all the sponsors and supporters that helped make this event such a great success.

With our enrollment in the UNO endowment fund, we only pay out around $2250 for our four $1000 scholarships (the remaining money being the interest from the fund). With the success of our scholarship events this year and in years past, we have decided to increase the scholarships to $1,250 each for the upcoming year.

This month’s meeting topic is Construction Law and Contract Language and a joint meeting with MCA in Omaha. I can assume that most of us have been a victim to vague language, unclear specifications, and the use of ‘red flag’ words in construction documents. I find this topic invaluable for the success of a project and hope you find it helpful as well.

Sincerely,

Tyler Glesne
Nebraska ASHRAE Chapter President 2015-2016

**Also, a reminder to start thinking about making reservations to attend the ASHRAE Winter Meeting and Expo January 23-27 in much warmer Orlando, FL.**

*p*lease note that my contact information has changed. You may reach me at tglesne@ameresco.com

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**Monthly Meal Changes:**

**Omaha**
- Steak $25
- Chicken $20
- Salmon $20
- Chef Salad $16

**Lincoln**
- Buffet $15

**Trap Shoot Results**
- $3500 raised for student scholarships!

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**REMINDE**

- Wind and Solar Energy Conference - Nov. 4-5
- Omaha Meeting - Tuesday, Nov. 10
- Lincoln Meeting - Wednesday, Nov. 11
- Lincoln YEA Monday Night Football - Monday, Nov. 16
OMAHA—Construction Law & Contract Language with Dave Jesse

Tuesday, November 10th, 2015

Anthony’s Steakhouse — Choice of Club Sirloin ($25), Chicken Cordon Bleu ($20), Grilled Salmon ($20) or Chef Salad ($16)

Dave Jesse will discuss the dynamics of risk, as well as the key areas that can influence your company’s risk and tangible ways to manage it.

Dave joined the Koch Co. in 1989 as a Financial Analyst responsible for financial statement analysis for Koch’s Bond clients and in 1991 was named manager of that department. His success in that area led to expansion of responsibilities into oversight of the Professional Liability program and promotion to Vice President in 1996. Under Dave’s leadership Koch’s A&E department currently works with about 2/3rds of Nebraska-based A&E firms. In 2008, Dave was named Director and member of the Board of Directors.

Dave is a graduate of the University of Nebraska-Lincoln where he received a Bachelor of Science degree in finance. He is also a graduate of the University of Nebraska-Omaha where he received his Masters of Business Administration. Dave is an active Associate Member of the AIA, ACEC, DBIA and AGC.

LINCOLN—Construction Law & Contract Language with Dave Jesse

Wednesday, November 11th, 2015

Valentino’s—Buffet ($15)

See more info on topic and speaker above.

For more information or to register for either meeting visit our website www.neashrae.org

PE Study Groups

We are looking into organizing some study groups for the PE.

Contact Callen Schwank if you’re interested!
Callen.Schwank@victaulic.com
Networking Socials

Please join our Nebraska YEA organization for a great opportunity to network with young professionals in our industry. YEA has been developed for those who are 35 years and younger as a way to get involved with the ASHRAE community.

This is a great platform to get to know your peers outside of the workplace while having some fun. Please join us for drinks, laughs and Monday Night Football!!

Questions / Comments?

Contact:
Josh Marple
jmarple@aeskc.com
or
Callen Schwank
callen.schwank@victaulic.com

We encourage you to forward this invitation to other colleagues you know that would be interested in knowing more and becoming involved in ASHRAE and YEA.

ASHRAE Cooking Class

Come learn some quick and easy holiday dishes! Cost covers a flight of wine and $10 gift card (per person) for additional beverages. We only have room for 14 people so sign up today to reserve a spot!

WHEN: Thursday, November 5th
TIME: 6:30pm - 7:30pm
COST: Couples—$120
      Individuals—$60
WHERE: Whole Foods Class Room
       10020 Regency Cir.
        Omaha, NE, 68114

For more information and online registration click here.
# November 2015

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**Connect with NE ASHRAE**

Want to stay connected to what Nebraska ASHRAE is doing? Use the links to the right or look for us on social media today!

You can also join or emailing list by emailing

admin@neashrae.org
ASHRAE Resource Promotion

A big thanks to all donors who contributed to the 2014-15 ASHRAE RP Campaign! It was a record fundraising effort with over $2.5 million raised on a national level for Research, YEA, Education, Scholarships, and the General Fund. The Nebraska Chapter contributed over $22,000, and this year’s Chapter goal has been set at $19,300.

We hope RP can count on your support again this year. Please consider sending in your personal or corporate contributions early to help our Chapter hit progress goals. We hope to raise 30% of goal by December 31 to earn Nebraska Chapter PAOE points. If you have any questions regarding RP or would like to contribute early to the 2015-16 Campaign, please don’t hesitate to contact myself, or Nick Mandel.

Thank you for your support of ASHRAE RP!

Dave Kros
dkros@mechsales.com
402-659-3728

Nick Mandel
nmandel@specializedeng.com
402-991-5520

2016 ASHRAE Winter Conference
Jan. 23–27 | Orlando Hilton | Orlando, Fla.

New Technical Program Tracks, Networking, World’s Largest HVAC&R Marketplace

Special first time attendee registration fee available! Low, early-bird registration rates end Nov. 2. Register early! Registration to the ASHRAE Winter Conference includes free access to the AHR Expo.

2016 AHR Expo

Venues are strategically located next to each other for easy access.
Nebraska Energy Office Director to Speak at Conference

David Bracht Will Deliver State of Energy Address

The Director of the Nebraska Energy Office, David Bracht, will deliver a general session “State of Energy” address to the attendees of the eighth annual Nebraska Wind and Solar Conference at the Omaha Hilton, 1001 Cass St. He will speak on Wednesday morning, November 4th at 8:45 a.m. about *Nebraska State Energy Policy and an overview of the Nebraska Energy Office.*

“David’s years of private sector experience with ethanol and wind energy development give him an excellent understanding and insight into the renewable energy industry. Since the Energy Office is in the middle of several important energy initiatives, we are looking forward to hearing David’s overview of state energy policy and the Energy Office,” said conference co-chairman John Hansen. “The Nebraska Energy Office has been an integral part of our annual wind and solar conferences since 2008, and are important members of our conference planning committee. In addition to his experience and expertise, we know our audience will appreciate David’s enthusiasm for renewable energy issues, and his good sense of humor.”

Bracht was appointed Director of the Energy Office by Governor Pete Ricketts in January 2015, and serves on the Governor’s Cabinet as principal advisor on energy development and policy. As Energy Office Director, Bracht is responsible for daily management and leadership of 20 state employees involved in agency operations including administration of $5 million of Federal Weatherization Assistance Program funds, a Revolving Energy Loan Program with over $40 million in total loans and the implementation State Energy Program.

Prior to his appointment, David co-founded and co-lead the renewable energy and biofuels practice groups at two midwestern-based law firms advising clients involved in renewable energy development including biofuels, biomass and wind energy, as well as agribusinesses and businesses involved in production and processing of agriculture products. He has more than 30 years experience in business, government and law, including private legal practice and senior executive experience in private industry and federal and state government agencies.

Registration is open through November 3 for $200 and student registration is $65. Those not staying at the hotel will receive a reduced daily parking rate of $5.

The event is open to the general public for a $5 admission fee and includes parking. Registration and hotel registration information is available at the conference website.


For More Information Contact: Paula Steenson (402) 346-3950 for Registration and Sponsorship Inquiries.

Story adapted from Nebraska Wind and Solar Conference Website
Last Thursday, the US House Energy & Commerce Committee approved the North American Energy Security and Infrastructure Act of 2015 (H.R.8), which addresses a broad range of issues, including: carbon capture, utilization, and sequestration; the Strategic Petroleum Reserve; liquefied natural gas exports; electric grid modernization; hydropower licensing; fossil fuel use reduction requirements for Federal buildings; regional energy efficiency standards for furnaces, central air conditioners, and heat pumps; establishing a water and energy efficiency pilot program; and codifying the WaterSense program.

The bill also now contains the harmful building energy codes language from the deceptively-titled Energy Savings and Building Efficiency Act of 2015 (H.R.1273). This language would likely limit the technical assistance that the US Department of Energy (DOE) currently provides, upon request, to ASHRAE, the International Code Council, States, and Indian tribes for the development, adoption, and implementation of Standard 90.1 and the IECC.

At the request of ASHRAE President David Underwood, over 300 ASHRAE members in targeted States sent messages this week, encouraging their US Representatives to oppose the ill-worded language of H.R.1273. The voices of the Society’s members were heard, prompting Ranking Member Frank Pallone (D-NJ-6) of the Energy & Commerce Committee to offer an amendment to remove this language from the underlying bill. While building energy codes and standards are not partisan issues, this amendment was unfortunately defeated by a nearly Party-line vote.

The North American Energy Security and Infrastructure Act will now be scheduled for debate on the House floor, where it is expected to pass, with most Republicans supporting and most Democrats opposing. The bill then faces an uncertain future in the Senate; however if that chamber did pass it, and it was presented to President Barack Obama in its current form, he would likely veto the legislation.
Senate Democrats Unveil New Comprehensive Energy Legislation

Last week US Senate Democrats released what essentially amounts to their energy-related legislative wish list in the form of the American Energy Innovation Act (S.2089). This bill joins the Energy Policy Modernization Act of 2015 (S.2012) and Energy Savings and Industrial Competitiveness Act of 2015 (commonly called Portman-Shaheen, S.720) as the newest comprehensive energy legislation being considered by Congress, however unlike these bills, the American Energy Innovation Act does not contain a dedicated building energy codes section.

While this sweeping legislation has little chance of passage by itself, parts of it may turn up in other legislative vehicles. Here’s a sample of what’s in the bill:

- Require DOE to submit to Congress a study on the impact of State and local performance benchmarking and disclosure policies for commercial and multifamily buildings and programs, and on programs and systems in which utilities provide aggregated information regarding whole building energy consumption and usage information to the owners of multitenant commercial, residential, and mixed-use buildings.

- Would set parameters for a national energy efficiency resource standard that would be administered by each State.

- Reauthorize the Weatherization Assistance Program from 2016 to 2020 with an authorized level of $450 million each fiscal year.

- Reauthorize the State Energy Program for fiscal years 2016 through 2020 at $75 million each fiscal year.

- Establish a program to provide loans to a State, Territory, or Tribal organization for establishing or expanding programs to providing financing for energy efficiency upgrades to residential buildings.

- Help develop regional energy partnerships to coordinate and promote national, regional, and State energy goals, especially goals focused on advancing resilient energy systems to mitigate risks and prepare for emerging energy challenges.

- Require DOE to establish a Smart Building Accelerator as part of the Better Buildings Challenge to demonstrate policies and approaches that accelerate the transition to smart buildings.

- Direct DOE to conduct a study on the costs and benefits of smart buildings.

- Establish a “WaterSense Program” within the US Environmental Protection Agency (EPA) to promote water efficient products, buildings, landscapes, facilities, processes, and services to be used with the EPA Energy Star label if appropriate. The bill authorizes $5 million a year to support this effort.

- Would authorize the Advanced Research Project Agency - Energy (ARPA-E) at $1 billion for each fiscal year from 2016 through 2020.

- Would create a performance-based incentive for increased energy conservation in new commercial buildings and for retrofits of commercial buildings. Buildings reaching minimum conservation thresholds receive a small deduction, which increases for more efficient buildings. Non-taxed entities, including Federal, State, local, and tribal governments, and nonprofits, are allowed to allocate deductions to the taxpayer primarily responsible for designing the efficiency improvements. New commercial buildings that are at least 25% more efficient than ANSI/ASHRAE/IES Standard 90.1-2013 can receive a $1.00 per square foot tax deduction, which increases with larger efficiency gains, up to a maximum of $4.75 per square foot. Retrofitted commercial buildings can qualify for a $1.25 per square foot deduction for a 20% reduction in energy use – greater energy reductions qualify for larger incentives, up to a maximum of $9.25 per square foot.

The next step is for this bill to be considered by the Senate Energy & Natural Resources Committee, or (more likely) for parts of it to be offered as amendments to other legislation.

To find more articles like this visit www.ashrae.org/government-affairs/government-affairs-updates

Click the button below to subscribe and receive information on activities within Congress and Federal agencies from the ASHRAE Washington office.
Future meetings
(Topics subject to change)

Omaha

Dec. 8th  Project Specific bEQ Submission  11:45am  Anthony’s
Jan. 12th  Panel Discussion/Round Table: Energy Modeling  11:45am  Anthony’s
Feb. 9th  ASHRAE Presidential Theme Speech  11:45am  Anthony’s
Mar. 8th  Flow Measuring Technologies (Tech Session to Follow)  11:45am  Anthony’s
Apr. 12th  ASHRAE Webcast  11:45am  Anthony’s
May  SAC Federal Credit Union: Project Overview & Tour  TBD
June  ASHRAE Golf Outing  Iron Horse GC

Lincoln

Dec. 9th  Project Specific bEQ Submission  12:00pm  Valentino’s
Jan. 13th  NE State Chief Electrical Inspector  12:00pm  Valentino’s
Feb. 10th  SAC Federal Credit Union Chilled Beam System  12:00pm  Valentino’s
Mar. 9th  ASHRAE Presidential Message  12:00pm  Valentino’s
Apr. 13th  VRV/VRF Round Table  12:00pm  Valentino’s
May  CRES Tour  TBD
June  ASHRAE Golf Outing  Iron Horse GC

Chapter Chairpersons

Membership Promotion  Philip Prest
Research Promotion  David Kros
      Nick Mandel
Student Activities  Chris Beaty
      Meagan Kurmel
Omaha Technology Transfer  Aaron Rasell
Lincoln Technology Transfer  Will Morris
Webmaster  Eric Granzow
Grassroots  Ryan Adrian
Historian  Jim Ellis
YEA  Sarah Poursharafeddin
      Callen Schwank

Special Events
President  Kyle Heberly
      Tyler Glesne
President Elect  Aaron Rasell
      Jessica Errett
Secretary  Sara Robbins
      Tom Lewis
Treasurer  David Yuill
      Shaun Nienhueser
1st Board Member  Bryan Schwartz
      Chris Hawk
2nd Board Member  Cecil Haggerty
      Chris Beaty
Board Ex-Officio  Jeff Backemeyer

Visit us on the web at www.neashrae.org
ASHRAE Learning Institute
Seminars & Courses at ASHRAE’s Winter Conference in Orlando, FL

2 WAYS TO REGISTER
Internet:  www.ashrae.org/orlandocourses
Phone:  Call 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)

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<thead>
<tr>
<th>Full-Day Professional Development Seminars</th>
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<tbody>
<tr>
<td>Commercial Building Energy Audits</td>
<td>Energy Modeling Best Practices and Applications</td>
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<tr>
<td>Saturday, January 23, 2016 – 8:00 a.m. to 3:00 p.m.</td>
<td>Tuesday, January 26, 2016 – 9:00 a.m. to 4:00 p.m.</td>
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<td>Commissioning Process in New &amp; Existing Buildings</td>
<td>Operations &amp; Maintenance of High-Performance Buildings</td>
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<td>Tuesday, January 26, 2016 – 9:00 a.m. to 4:00 p.m.</td>
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<td>Designing HVAC Systems to Control Noise &amp; Vibrations</td>
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<th>Half-Day Short Courses</th>
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<td>Laboratory Design: The Basics and Beyond</td>
<td>Avoiding IAQ Problems</td>
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<td>Sunday, January 24, 2016 – 3:30 p.m. to 6:30 p.m.</td>
<td>Monday, January 25, 2016 – 2:45 p.m. to 5:45 p.m.</td>
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<tr>
<td>Troubleshooting Humidity Control Problems</td>
<td>Commissioning Process &amp; ASHRAE Standard 202</td>
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<td>Understanding &amp; Designing Dedicated Outdoor Air Systems</td>
<td>Complying with Standard 90.1-2013: HVAC/Mechanical</td>
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<td>Applications of Standard 62.1-2013</td>
<td>IT Equipment Design Evolution &amp; Data Center Operation Optimization</td>
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<td>Monday, January 26, 2016 – 9:00 a.m. to 12:00 p.m.</td>
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<tr>
<td>Building Demand Response &amp; the Coming Smart Grid</td>
<td>Designing High-Performance Healthcare HVAC</td>
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<td>Energy Management Best Practices</td>
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ASHRAE HVAC Design Training

2 Courses, 5 Days of Intense Instruction

Atlanta  •  Halifax  •  Hong Kong  •  Houston
Kuala Lumpur  •  Miami  •  Minneapolis  •  Vancouver

HVAC Design: Level I – Essentials - Registration is $1,264 ($1,009 ASHRAE Member)
Gain practical skills and knowledge in designing and maintaining HVAC systems that can be put to immediate use. The training provides real-world examples of HVAC systems, including calculations of heating and cooling loads, ventilation and diffuser selection using the newly renovated ASHRAE Headquarters building as a living lab.

HVAC Design: Level II – Applications - Registration is $854 ($699 ASHRAE Member)
HVAC Design: Level II — Applications provides instruction on HVAC system design for experienced HVAC designers and those who complete the HVAC Design: Level I – Essentials training. The training provides information that allows practicing engineers and designers an opportunity to expand their exposure to HVAC systems design procedures for a better understanding of system options to save energy.

Visit www.ashrae.org/hvactraining to register.