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THIS MONTH AT ASHRAE

Research Promotion & IECC Code Update

Date:

Monday, February 16th

Schedule:

11:15 am: Check In
 11:30 am: Lunch
 12:00 pm: Program

Social Hour:

N/A

Presentation:

Dave Ruffcorn – State Fire Marshal

Location:

Vatterott College
 7000 Fleur Drive
 Des Moines, IA 50321

Chapter Meeting/Dinner Cost:

Lunch: Free for ASHRAE IA Members
 and \$20 for non-members

RSVP

["Click Here"](#) to register for the Lunch

****Use Coupon Code MEMBER****

Our February meeting will be a lunch meeting with a presentation by Dave Ruffcorn. Dave will be providing us with an IECC Code Update. Dave Ruffcorn works for a Division of the State Fire Marshal to help aid the enforcement of the State Energy Code. He was hired by the state to become the first State Energy Engineer.

Dan Ponxs and Vince Sanders will also be providing us with a Research Promotion Update. If you have not donated to this year's campaign you can do so [here](#).

PAST PRESIDENTS

Tim Conrad	2013-2014
Matt Jesson	2012-2013
Kelly Crow	2011-2012
Holly Elbert	2010-2011
Roger Leshner	2009-2010
Kit Cartwright	2008-2009
Jerrod Sieverding	2007-2008
Jason Kems	2006-2007
Chuck Heldenbrand	2005-2006
Jeff Gross	2004-2005
Ron Engelhardt	2003-2004
Dan Zaig	2002-2003
Susan Oltrogge	2001-2002
Christopher Nelson	2000-2001
Donald Swanson	1999-2000
Edward Truslow	1998-1999
James Hall	1997-1998
Robbin Vannoy	1996-1997
Mark Conway	1995-1996
Paul Melton	1994-1995
Gregory Maxwell	1993-1994
Jeffery Hammer	1992-1993
Jack Culp	1991-1992
James Lee	1990-1991
Clint Leonard	1989-1990
Charles Pedersen	1988-1989
Gary Reynolds	1987-1988
Dennis Hogan	1986-1987
Eugene Zefron	1985-1986
Donald Hagge	1984-1985
Robert Rist	1983-1984
Joseph Proctor	1982-1983
Mark Allen	1981-1982
Curtis Klaassen	1980-1981
Gerald Anderson	1979-1980
C.W. Miller	1978-1979
Richard South	1977-1978
Verne Stewart	1976-1977
Curtis Hammer	1975-1976
Ralph Schilling	1974-1975
Donald Bonicamp	1973-1974
Kent Mosher	1972-1973
Thomas Van Hon	1971-1972
Robert McBride	1970-1971
William Whitman	1969-1970
Einar Dahl	1968-1969
Eugene O'Neil	1967-1968
James Green	1966-1967
Neil Hanson	1965-1966
Bob Flanagan	1964-1965
Lyndon Kelley	1963-1964
Elwood Giberson	1962-1963
Vern Polly	1961-1962
John Bain	1960-1961
Crom Campbell	1959-1960
R.T. Howard	1958-1959
W.A. Schworm	1957-1958
D.E. Schroeder	1956-1957
G.J. Kraai	1955-1956
W.E. Nanes	1954-1955
J.F. Sandfort	1953-1954
R.H. Schnell	1952-1953
C.H. McGuiness	1951-1952
R.S. Stover	1950-1951
D.E. Wells	1949-1950
D.C. Murphy	1948-1949
C.A. Wheeler	1947-1948
E.O. Olson	1946-1947
B.E. Landes	1945-1946
W.W. Stuart	1944-1945
C.W. Helstrom	1943-1944
P.E. Triggs	1942-1943
Perry LaRue	1941-1942
R.A. Norman	1940-1941
Tracy Johnson	1939-1940
W.R. White	1938-1939

President's Corner



Hello Members! We, once again, have some great opportunities for technical education coming up in the next few months. Our Board of Governors has more great content in the works for our members. We would like our local ASHRAE chapter to continue on as the "go-to" source for PDH's for mechanical engineers in Central Iowa. On **Monday, 2/16/15**, Dave Ruffcorn is giving a lunch seminar on IECC and the State of Iowa Energy Code. Dave works in the State Fire Marshall office to help aid enforcement of the State of Iowa Energy Code. This meeting will take place at Vatterott College in Des Moines. This is a very relevant topic to our industry, so make sure you RSVP to reserve your spot.

Coming up in March, we have 2(!) ASHRAE Distinguished Lecturers visiting Des Moines. On **Wednesday, 3/18/15**, we have an afternoon technical session with Ron Jarnagin on the Advanced Energy Design Guides. We will then have Ron Vallort for our evening dinner session to give a refrigeration technical discussion. Keep an eye out for

registration info via email and www.ashraeiowa.org.

Looking back at the previous month, we had a great turnout for our January meeting at Shive-Hattery's new office. Craig Bernstein with the EPA presented on the Energy Star program for buildings. He, along with representatives from Des Moines Public Schools, discussed the program and DMPS winning "Energy Star Partner of the Year." Thank you to Shive-Hattery for letting us utilize their impressive, new facility.

One last important reminder: as we begin work on the 2015 membership and product directory, please make sure you keep your contact info up to date on the society website. This is especially important if you have recently changed employment. All of the chapter-level information is pulled from the society website, so make sure you keep your profile up to date on www.ASHRAE.org. If you have any questions on this- please contact anyone on the BOG. See you at an upcoming meeting!

Justin Barrett
ASHRAE Iowa Chapter
President
2014-15

UPCOMING CHAPTER MEETINGS

February 16th
Resource
Promotion Lunch
Meeting

International
Mechanical Code
Update

Location:
Vatterott College

**March 18th (Note
Date Changed)**
Refrigeration

3-5 Tech Session by
Ron Jarnagin

6-7 Presentation by
Ron Vallort

Location:
Ramada Tropics

April 23rd
ASHRAE Webcast

12:00 to 3:00 CDT

April 27th
Spring Fling

Wakonda Club

February Meeting (Monday the 16th)



Research Promotion Lunch

Schedule (times still to be finalized):

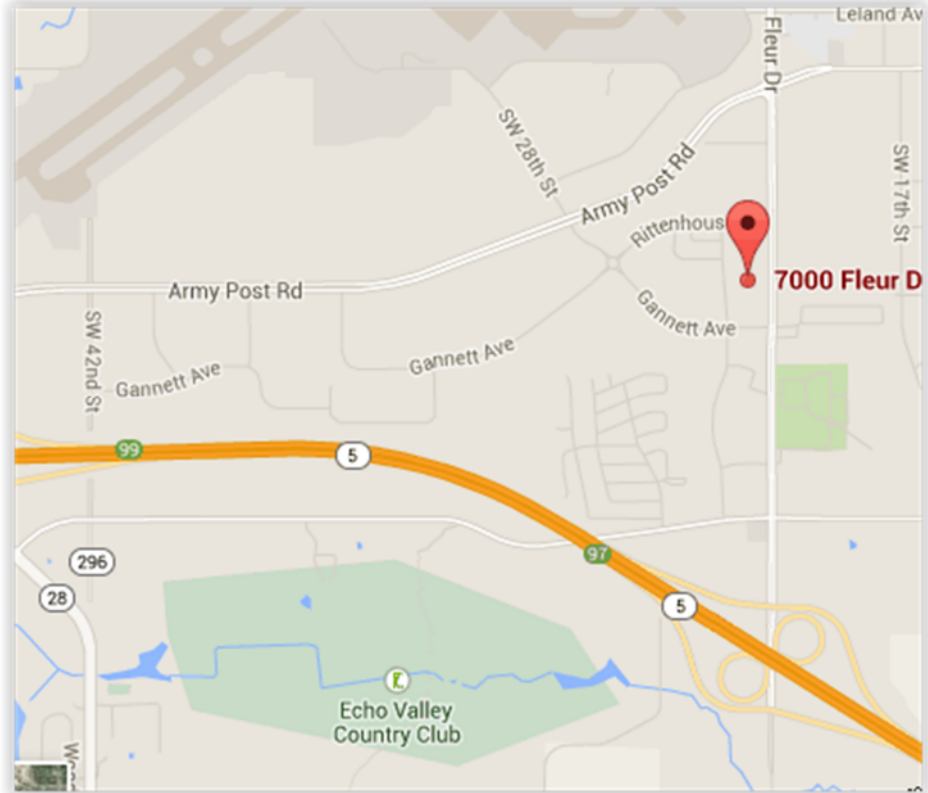
11:15: Registration

11:30: Lunch

12:00: Presentation by Dave Ruffcorn

Location:

Vatterott College
7000 Fleur Drive
Des Moines, IA 50321



Our February meeting will be a lunch meeting with a presentation by Dave Ruffcorn. Dave will be providing us with an IECC Code Update. Dave Ruffcorn works for a Division of the State Fire Marshal to help aid the enforcement of the State Energy Code. He was hired by the state to become the first State Energy Engineer.

March Meeting (Wednesday the 18th)



Refrigeration

Schedule (times still to be finalized):

3:00-5:00: Tech Session by Ron Jarnagain

5:00-5:30: Social Hour

5:30-6:30: Dinner

6:00-7:00: Presentation by Ron Vallort

Location:

Ramada Tropics Resort Conference Center
5000 Merle Hay Road
Des Moines, IA 50322

Cost:

\$20 for Members

\$30 for Non-Members



We have the honor to host two ASHRAE Distinguished Lecturer's this month!

Ron Jarnagain will be provide us with an afternoon technical session. Ron has a vast background in the HVAC and Mechanical Engineering field. Ron has chaired the ASHRAE Standard 90.1 committee for 4 years as well as a multidisciplinary team that produced the first Advanced Energy Design Guide (AEDG) for small offices. Ron Jarnagain has also served as part of a U.S. delegation to China to assist the Chinese Ministry of Science and Technology in planning for a Hydrogen Economy in China.

Ron Jarnagain's afternoon technical session will touch base on Advanced Energy Design Guide (AEDG). The AEDG series of documents provide guidance for achieving 30% and 50% energy savings in smaller commercial buildings.

Ron Vallort will be providing us with a dinner presentation. Mr. Vallort will be highlighting our refrigeration topic. Ron has more than 45 years of worldwide experience in the mechanical engineering field. He has served on chairs for ASHRAE, IIR, IACSC, IIR and is a member of IARW. Ron's credentials should provide us with a highly educational evening discussing Refrigeration System Design.

We are honored to host Ron Vallort and Ron Jarnagain as our speakers March 18th. Please mark the date on your calendars.

Speaker Bios:

[Ron Jarnagain](#)

[Ron Vallort](#)

February YEA Meeting



Our YEA (Young Engineer's Association) Committee planned and hosted a great evening for the young professionals in our industry. It was hosted at Up/Down in the East Village. As you can see the event sparked some friendly competition.

The turnout was very encouraging. Hopefully events like the YEA meeting encourage chapter growth and involvement.

GGAC Update

2014 was a busy year for ASHRAE's federal government affairs office. The Society used its technical expertise to help policymakers at all levels of government craft better legislation and regulations. They have played key roles on many bills that were considered, passed, and in some cases, signed into law. Looking forward, ASHRAE is well-positioned to build on last year's accomplishments.

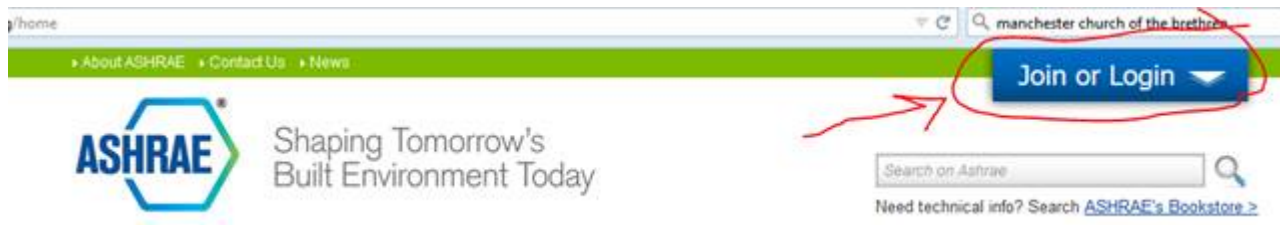
Below is a condensed summary of what the government affairs office accomplished at the federal level in 2014. To read the full article or view all government affairs updates, please visit their website at <https://www.ashrae.org/government-affairs/government-affairs-updates>.

- Submitted comments on the following rulemakings:
 - U.S. Department of Energy (DOE):
 - AHRI Petition for Repeal of Final Rule for Test Procedures for Residential and Commercial Water Heaters
 - Energy Conservation Standards for Small, Large, and Very Large Air-Cooled Commercial Package Air Conditioning and Heating Equipment
 - Request for Information on Planning for the 2017 Solar Decathlon and Beyond
 - U.S. Environmental Protection Agency (EPA):
 - Proposed Rule for Carbon Pollution Emission Guidelines for Existing Stationary Sources: Electric Generating Units
 - U.S. Department of Housing and Urban Development (HUD):
 - Updating Energy Efficiency Standard for Multifamily Homes to 90.1-2007
- Helped draft and organize NGO and Capitol Hill support for passage of the following bills:
 - Energy Efficiency Improvement Act (H.R.2126)
 - Passed by the House by a vote of 375 to 36.
 - Considered, and nearly passed by the Senate.
 - Streamlining Energy Efficiency for Schools Act (H.R.4092)
 - Passed the House by unanimous consent.
 - Energy Savings and Industrial Competitiveness Act (S.2074, S.2272)
 - Considered and nearly passed in the Senate, twice.
 - National Defense Authorization Act (NDAA) for Fiscal Year 2015 (H.R.3979)
 - Signed into law by President Obama.
- Supported the following bills during the drafting phase and/or following introduction:
 - Workforce Innovation and Opportunity Act (H.R.803)
 - Signed into law by President Obama.
 - Energy Savings Through Public-Private Partnerships Act (H.R.2689, S.1308)
 - Passed by the House Energy and Commerce Committee.
 - Energy Efficient Government Technology Act (H.R.540, S. 1261)
 - Incorporated into the Energy Efficiency Improvement Act (H.R.2126), which passed the House by a vote of 375 to 36.
 - A Bill To Encourage benchmarking and disclosure of energy information for commercial buildings (H.R.3820)
 - Incorporated into the Energy Efficiency Improvement Act (H.R.2126), which passed the House by a vote of 375 to 36.

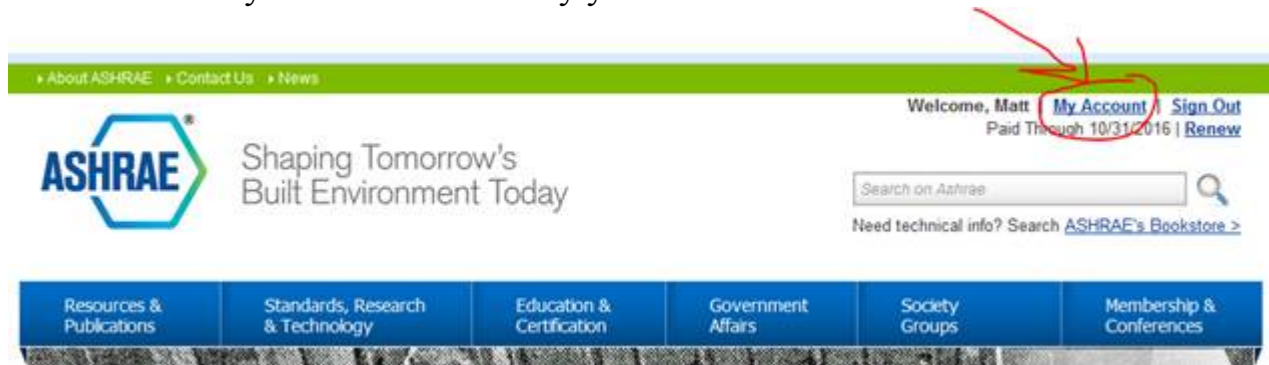
2015 Product Directory Announcement

The Product Directory for 2015 is in the early stages of development! Your information for this directory is taken directly from the information that ASHRAE Society has on file as part of your membership. That means it's important that this info is up to date!

Please go to <https://ashrae.org/home> and click the Login button:



Choose "Need a login?" if you don't have an account, or login with your email/password, then choose "My Account" and verify your information.



Please try to update your information by March 4, 2015.

ASHRAE's Attic & Antiques



Have you ever encountered pieces of HVAC history while working on remodel projects? Are you fascinated by the origins of modern HVAC equipment? If so, help us to launch our new section, ASHRAE's Attic & Antiques. We're trying to populate our newsletter and [website](#) with fascinating old photos and historical anecdotes, preferably with a local bent. Send your photos and stories to Tim Conrad at tconrad@mechsales.com

The HVAC&R Industry

2014 Warmest Year on Record

GENEVA—2014 was the Earth's warmest year on record. The World Meteorological Organization (WMO) this week agreed with NASA, NOAA and the Japanese Meteorological Agency, all of which made similar announcements recently. The WMO, a United Nations agency, reported the average global air temperature in 2014 was 1.03°F (0.57°C) above the long-term average of 57.2°F (14°C). That means 2014 was slightly warmer than 2010 and 2005, the previous warmest two years. WMO Secretary-General Michel Jarraud said in a statement that "Fourteen of the 15 hottest years have all been this century."

2016 Federal Budget Proposal Includes \$48 Billion for Energy-Efficiency Programs

WASHINGTON, D.C.—President Barack Obama's budget proposal for 2016 asks Congress for \$4 trillion, including about \$48 billion in tax incentives over the next decade for various green energy programs. "In order to secure America's energy future and protect our children from the impacts of climate change, the budget invests in clean energy, improving energy security, and enhancing preparedness and resilience to climate change," according to a White House fact sheet on the 2016 budget proposal. The proposal includes provisions to incentivize green energy production, expand use of energy-efficiency measures, and increase investments in carbon capture technology.

U.S. Government's Energy Use Declining

WASHINGTON, D.C.—The U.S. federal government, with thousands of facilities and vehicles in locations across the United States and abroad, is one of the largest energy consumers in the world, but its consumption is declining. According to the U.S. Department of Energy's Federal Energy Management Program (FEMP), total delivered-to-site energy use by the federal government fell to 0.96 quadrillion Btu in fiscal year (FY) 2013, the lowest recorded since 1975. These years are the most recent and the earliest, respectively, for which data are available. In FY 2013, vehicles and equipment energy use accounted for 62% of all federal energy consumed, with the remainder consumed by federal facilities. Energy consumed in federal government facilities has generally been declining over the past four decades. The reduction stems from both the total square footage occupied by the federal government, which continues to fall from its peak in FY 1987, and from the energy consumed per square foot inside federal buildings, which has been declining since FY 1975.



Shaping Tomorrow's
Built Environment Today

Dear ASHRAE Members:

It is my pleasure to announce that a consolidation agreement between ASHRAE and the Indoor Air Quality Association has been finalized by both organizations. The consolidation was approved by the Boards of Directors for ASHRAE and IAQA at ASHRAE's recent 2015 Winter Conference in Chicago. This agreement comes after a seven month period of due diligence, which was completed last month.

We are excited about the opportunities presented by this consolidation. It opens the door to alignment of ASHRAE and IAQA programs to create high-impact resources for building professionals around the globe.

IAQA is a nonprofit organization dedicated to bringing practitioners together to prevent and solve indoor environmental problems for the benefit of customers and the public. IAQA was established in 1995 and is the nation's largest indoor air quality trade association with over 2,600 members and more than 20 local chapters across the United States and Canada.

As I share this news with you today, IAQA President Kent Rawhouser also is sharing the news with their members. He says, "This is an historic event for both associations and has great promise for growth and development for both organizations. The opportunities and possibilities for members are only limited by our own imaginations. IAQA and ASHRAE are committed to growing and developing the IAQA brand. The consolidation will open new avenues for programs and benefits for our members."

Under the consolidation, IAQA will become a part of the ASHRAE organization while maintaining its own brand and Board of Directors. IAQA will operate independently within ASHRAE's organizational structure.

This consolidation allows ASHRAE and IAQA to combine resources to improve indoor air quality in the built environment. We are optimistic about what the agreement means to the future of both groups.

If you have questions or comments about this venture, please feel free to contact me at ashraepresident@ashrae.org. You can find a list of frequently asked questions at www.ashrae.org/iaqa.

Thank you,

Tom Phoenix, P.E., Fellow ASHRAE, BEAP, BEMP
2014-15 ASHRAE President

2014-2015 Meeting Dates

MONTH	GENERAL MEETING	
	Topic	Date
July	-	-
August	-	-
September	Fall Frolic Golf Outing – Echo Valley Golf Club	11
October	Student Night / Membership Promotion	22
November	Research Promotion	19
December	Past Presidents / History (joint w/ CSI and SMCI)	15 (Lunch)
January	Membership Promotion	13
February	Resource Promotion	16 (Lunch)
March	Refrigeration	18
April	ASHRAE Webcast	23
April	Spring Fling Golf Outing – Wakonda Club	27

Winter Meeting	2015 Winter Conference – Chicago, IL	Jan 24-28
CRC	Region VI CRC – Bettendorf, IA	April 30-2
Summer Meeting	2015 Annual Conference – Atlanta, GA	Jun 27-1

ASHRAE Technology Awards Program

The ASHRAE Iowa Chapter is soliciting Technology Award Applicants. The purpose of the awards is three-fold:

- To recognize ASHRAE members who design and/or conceive innovative technological concepts that are proven through actual operating data.
- To communicate innovative systems design to other ASHRAE members.
- To highlight ASHRAE technological achievement to others, including associated professionals and societies worldwide, as well as building and facility owners.

If interested in submitting a project, contact Iyhab Hasan at iyhab.hasan@vatterott.edu. Submissions for the chapter level will be due by **March 16th, 2015**.

For more information on the Technology Awards Program visit:

<https://www.ashrae.org/technologyawards>

Your Assistance is Requested!!!

We are compiling data regarding the demand for students interested in Mechanical Engineering. Are you an ME or Con E with ME Emphasis graduate or do you have a co-worker that is? If you or someone you know are please email Mike Wolfe at wolfem@TheBakerGroup.com with your contact information and the field your degree is in.

ASHRAE 2014-2015 Research Promotion Fund

ASHRAE Iowa Research Investors 2014-2015			
Individual Investors HR = Honor Roll participants \$100 min		40.3% OF GOAL \$10,742.00 -TO GO!	
Company Investors HR = Honor Roll participants \$150 min			
Mr Andrew L Pospisal (HR)	\$14,000	A.J. Allen Mechanical Contractors Inc. (HR)	
Mr Charles S Heldenbrand (HR)	\$13,500	C.H. McGuiness Co. Inc. (HR)	
Mr Christopher W Nelson (HR)	\$13,000	Control Installations Of Iowa Inc. (HR)	
Mr Daniel L Ponxs (HR)	\$12,500	Iowa ASHRAE Chapter (HR)	
Mr H. Fred Miller (HR)	\$12,000	Products Incorporated (HR)	
Mr James A Lee (HR)	\$11,500	System Management & Balancing Inc. (HR)	
Mr James Edward Hall (HR)	\$11,000	Vest-Feld-Hazer & Associates (HR)	
Mr Jason E Kems (HR)	\$10,500		
Mr Jeff Lindell (HR)	\$10,000		
Mr Justin J Barrett, PE (HR)	\$9,500		
Mr Kelly G Crow (HR)	\$9,000		
Mr Kit C Cartwright (HR)	\$8,500		
Mr Luke Miller (HR)	\$8,000		
Mr Mark G Conway (HR)	\$7,500		
Mr Mark W Allen (HR)	\$7,000		
Mr Matt Gumm, PE (HR)	\$6,500		
Mr Odean H Jukam (HR)	\$6,000		
Mr Patrick A Peterson (HR)	\$5,500		
Mr Paul K Melton (HR)	\$5,000		
Mr Peter Ernzen (HR)	\$4,500		
Mr Rodney Heston (HR)	\$4,000		
Mr Ronald A Engelhardt (HR)	\$3,500		
Mr Timothy J Conrad (HR)	\$3,000		
Mr Vince Sanders (HR)	\$2,500		
	\$2,000		
	\$1,500		
	\$1,000		
	\$500		
	\$0		

Your contribution puts us closer to achieving our goal. Please send what you can today!

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dponxs@woodmaninc.com

Thank you for your donation!



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DAN PHILLIPS
PROJECT MANAGER

6200 Thornton Ave., Suite 190
Des Moines, Iowa 50321
515.558.9300

did: 515.558.9314
fax: 515.558.9301
cell: 515.249.1846
email: dphillips@ci3.com



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jimh@hvactab.com

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ASHRAE Newsletter Sponsorship
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Urbandale, IA 50323

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