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Volume 41

Number 5

February 2014

*Detroit Chapter of the American Society of Heating,
Refrigerating and Air Conditioning Engineers.*

February Chapter Meeting



Technical Session

Insulating Steam Lines for Maximum Energy Savings

When designing steam lines, engineers must consider a multitude of variables. Choosing the right insulating materials and ensuring the optimum thickness can make or break an application. Participants will learn how to use the NAIMA 3E

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Evening Presentation

Detroit Renewable Energy

Detroit Renewable Energy LLC is a consortium of renewable-energy generation and distribution companies committed to providing the City of Detroit with safe, reliable and cost-effective solutions for clean energy and waste disposal. Our independent subsidiaries include Detroit Thermal, Detroit Renewable Power, Hamtramck Energy Services, and Detroit Renewable Cooling.

Detroit Renewable Energy was formed in 2010 with the objective of improving the operating efficiency, safety and reliability of Detroit's existing renewable energy and waste infrastructure: the city's energy-from-waste facility (now

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**Bowling
Event**

**After the meeting ends, around
8PM, YEA has reserved 3 bowling
lanes, for up to 4 people each to
stay afterwards and bowl at no
cost!**

**Please reserve your spot for
bowling by emailing Pat Michels
at
Patrick.michels@jomar.com**

February Chapter Meeting

Date:

Tuesday, February 18 2014

Location:

**Emagine Entertainment /
Star Lanes**

**200 N. Main St
Royal Oak, MI 48067
☎ (248) 414-1000**

4:30-5:30 Technical Session
5:30-6:30 Social Hour / cash bar and heavy
hors d'oeuvres in Restaurant
6:30-7:00 ASHRAE Business
7:00-8:00 Evening Speaker

Cost:

ASHRAE members	\$20
Non ASHRAE members	\$30
ASHRAE Student Members	free \$5

Sponsored by



Reservations should be made by noon Jan. 10,
online at DetroitASHRAE.org or by email to
reservations@DetroitASHRAE.org
(please provide company name and membership status)

Questions should be directed to the secretary,
Nathan Stalker – email: nstalker@sesnet.com

*Members who send in their RSVP for meetings after the
deadline will be charged the "guest rate." "No-shows" will be
responsible for dinner meeting charges at the "member" rate
for regular meetings and at the "guest rate" for sponsored
meetings.*

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From the President's Desk...

Kishor Khankari, Ph.D.



Dear Fellow ASHRAE Members:

Hope you all are coping well with this year's winter season and probably eagerly waiting for the spring. Well, the unique setup for this month's Chapter meeting may bring some warmth to your hearts. The meeting is setup in a theatre environment starting with a technical session related to insulations followed by a presentation on renewable energy options for Michigan. I would like to thank Knauf Insulation for sponsoring the technical session. I hope you can attend.

February Chapter meeting is also our Young Engineers in ASHRAE (YEA) night. Young engineers in our Society are future of ASHRAE and HVAC industry in general. To ensure the future of the Society and the industry, ASHRAE is committed to advancing its programs and services for young members through helping them build their professional foundations. With this in mind, ASHRAE created a committee called Young Engineers in ASHRA (YEA), for members age 35 and younger! Please join me in welcoming all young engineer members of our Chapter.

As all of you know ASHRAE is a Society of volunteers. Your commitments and contributions make our programs and activities successful. Please be active, get involved, attend our Chapter meetings and spread the word among your colleagues and friends. Please let Committee Chairs know if you would like to serve on any Committee. Please feel free to call me or send me an e-mail, if you have any suggestions.

See you February 18th.

With Warm Regards,

Kishor

February Chapter Meeting

Technical Session

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software to determine economic thickness, examine different materials for insulating steam lines, and learn differences between 90.1 – 2010 and 90.1 – 2007 recommendations. The speaker is Andy McIntyre, CSI, CCPR, LEED GA, and Certified Insulation Energy Appraiser. Andy is Lead Specification Specialist with Knauf Insulation.

Evening Presentation

(Continued from page 1)

Detroit Renewable Power) and Detroit Thermal's underground steam loop, serving downtown and midtown Detroit.

Working cooperatively with the City of Detroit, the Greater Detroit Resource Recovery Authority, the International Union of Operating Engineers Local 324, Utility Workers Union of America, AFL, CIO Local 223, and The Detroit Edison Company (Detroit Edison), Detroit Renewable Energy has attracted \$50 million in new investment to the city to upgrade and optimize the system's performance and environmental benefits.

Evening Presentation Speakers:

Scott Barr

**Director of Business Development
Detroit Thermal**

Scott Barr has 25 years of experience in sales, sales management, consulting and business development. He began his career as an account representative with the chemical division of Occidental Petroleum Corporation.

Rick Pucak

President – Detroit Thermal

Mr. Pucak has over 25 years' experience in the district energy industry. He has held positions with increasing responsibilities during his career in Youngstown, Akron, Cleveland, St Louis, Boston, Richmond, Martinsville and Hohenwald. Mr. Pucak has served as a board member of the International District Energy Association and has been actively involved in various seminars and training activities of the association.



Detroit Chapter Time Capsule

This is the fourth of a series of articles celebrating the rich history of our Detroit ASHRAE Chapter, chartered in 1916 as the 'Michigan Chapter' of the American Society of Heating and Ventilating Engineers (ASHVE).

This article covers December and January meetings of bygone years.

Janice K. Means, PE, LEED® AP
Detroit Chapter Historian

20 years ago...

December 14, 1993

Dearborn Inn, Dearborn.

EPA Specialist, **Thomas Magee** enlightened attendees at the 30th annual **MichCon** (now part of **DTE Energy**) holiday night on the Title VI of the Clean Air Act—specifically the phase out schedules for CFCs and HCFCs and health problems of the ensuing ultraviolet rays reaching the earth through the hole in the ozone layer, a problem caused by the escape of CFCs. **Norm Hall** was presented the President's award of Excellence for his successes as Chapter President in 1992-1993 and **Tony Merlo** reached his Life Membership award.

10 years ago...

December 2, 2003

Dearborn Inn, Dearborn

DTE Energy's Steve Ewing, Group President, Energy Gas, welcomed over 125 members and guests and then we were appraised of causes of the Great Blackout of 2003 by **Edward Jukubiak**, Director of system Planning and Engineering at **DTE Energy**. For the technical session, **Michael Saldana, PE**, also from **DTE Energy**, discussed design considerations for power outage emergencies. At the Board Meeting, preceding the members' meeting, **Janice Means** presented a proposal to create the **Joseph P. Olivieri** memorial Scholarship, which now has awarded several deserving students \$1000 scholarships annually. Note that **Joe Olivieri** started the very first Detroit area student chapter of ASHRAE at University of Detroit in 1948 and subsequently served as its first student president.

20 years ago...

January 18, 1994

Penna's of Warren, Warren.

Eighty-one souls braved the 2nd coldest night of the 20th century to hear attorney **Michael Lynch** of Phunkett and Cooney discuss the "standard of care" for design professionals so that both owners and engineers benefited. Speaking of benefactors, **Dennis Sczomak** showed a film on ASHRAE Research and recognized chapter research donors.,

10 years ago...

January 20, 2004

Sterling Inn, Sterling Heights--.

Detroit Chapter President, John Cole, welcomed dinner attendees to hear **John Hamilton**, Assistant Director of Certification for the **National Energy Management Institute** speak for the second time that evening. Mr. Hamilton had given an informative technical session on proportionate balancing and its benefits for feedback at the technical session. In his dinner presentation, he "explained how consulting engineers can benefit from using competent technicians to balance their system and utilized real life situations to illustrate important lessons learned."

Source, sometimes with direct quotes: Detroit Chapter's Inside ASHRAE monthly newsletters and "A short History of Region 5 ASHRAE" by Joseph B. Olivieri, PE, PhD.



Do Your Spring Cleaning Early and Donate Your Handbooks to Student Members!

By Janice Means, PE, LEED® AP

Despite the high drifts of snow, Spring will be here before you know it. Why not get an early start on Spring Cleaning by donating your dusty ASHRAE Handbooks (books or CDS) to student members?

Kindly bring 21st century handbooks (and other related books) to the next meeting.

The Fundamentals and the Applications handbooks are in particular demand. Simply place them in the empty boxes at the sign-in table. If you want a receipt for your kind donation, please e-mail Janice Means at jmeans@ltu.edu. Our student members greatly appreciate your generosity!

Research Promotion 2012-13 Donor Recognition

By Brain Snyder

Thank You to the following companies and individuals for your contribution to the 2013-14 ASHRAE RP Campaign! Funds will be fully utilized toward Research, Education, Foundation, or Scholarships as you designated on your donation. For those considering a contribution, the current campaign ends June 30, 2014. Your help is appreciated.

<https://xp20.ashrae.org/secure/researchpromotion/rp.html>

Major Donors (\$500 - \$999)

R.L. Deppmann Company

Major Donors (\$250 - \$499)

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Griffin International, LLC

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Ms. Roxanne Scott
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Mr. Michael Daly
Mr. Nathaniel Stalker
Mr. Paul Joliat

Mechanical Controls Maintenance, Inc. (MCMI)
Monroe Plumbing and Heating Co.

Campaign Donors (\$1-\$99)

Mr. Craig Selover
Mr. David Littlefield, Jr.
Mr. Michael Fernandez



Save the Date:



Can you volunteer to help on the committee?
Donate a Door Prize? Make a Donation?
Please e-mail paul.joliat@michiganair.com

Upcoming Meeting Dates and Locations

Date	Location
March 18th	TBD
April 15th	Iroquois Club, Bloomfield Hills
May 20th	LTU, Southfield
June 2nd	Golf Outing at Red Run GC