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## Sponsors



## New Website Launched!

The ASHRAE NYC board is excited to announce the launch of our new website platform. The team made extensive efforts this summer to revamp the website use for our members. [www.ashraeny.org](http://www.ashraeny.org) The board encourages you to direct any feedback or questions you may have to: [reception@ashraeny.org](mailto:reception@ashraeny.org)

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## President's Report



I am amazed how fast this year has been going, the holiday season is almost upon us! The November meeting is our last official meeting in 2016. Consequen this opportunity to thank all of you for being a part of the ASHRAE family of colleagues and friends, and wish each and everyone one of you a safe, joyous and season with your family and friends.

For those who are not aware, every month the Board of Directors meets prior to the dinner meeting. This is an open door meeting and all are welcome to partic discussion. This is where the business of your Chapter is conducted. You have an opportunity to hear, first?hand, the debate over the issues that affect our ope

Hao Lou Hilton programs chair scheduling our first breakfast meeting of the year. The topic, "How Building Service Engineers Can Save the Civilization". Builc are the people who can save civilization from the threat of climate changeby working with policy makers and the public to champion sustainability,which will be Cousins.

Also, we have our first happy hour of the year from our Women in Engineering (WIE) committee lead by Lindy Hao, in substitution of our chair Michelle DeCarlc leave. We wish the best to Michelle and her family.

Our November meeting is about Modern Absorption System Applications for Both Cooling & Heating, where cooling and heating can be separately or simultane achieving great system COP.

Hope to see you all at the meeting to share the latest technology in absorption of chiller/heating.

Jose R Rodriguez, P. Eng.

ASHRAE NY Chapter President 2016-2017

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## ASHRAE REACH AT LORING



ASHRAE Reach Employer Support Program at Loring Consulting Engineers

By, Jose R.Rodriguez, P.Eng.

NY Chapter President, 2016-2017

After following the ASHRAE strategic plan for this year, under the leadership of Tim Wentz we are taking advantage of our society president's visit to our chapter 2016.

Tim and I teamed up to conduct our first ASHRAE Reach Employer Support Program at Loring Consulting Engineers in New York City. The idea behind this program is to let them know what the major benefits are to being an ASHRAE member and chapter sponsor.

As a chapter president, I highlighted the events and activities that our chapter is conducting during this year with special major focus on the student activities, our community projects, we have made a partnership with Habitat for the Humanity in New York City.

As society president, Tim addresses the direction of the ASHRAE research investment as well as the advance research done on the future refrigerant.

A group of the young engineers were present, we asked them for the major reason to not be involved in the ASHRAE community. We got the same answer for "Time".

As chapter president, I shall end by saying, although we are extremely busy, ASHRAE is an important part of our business and is worth a little extra time.

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#### Article of the Month

Please congratulate our chapter president Jose Rodriguez for his successful article publication in the ASHRAE Journal this November. Jose Rodriguez, P.Eng. engineer at Wallace Eannace Associates, Inc., in Franklin Lakes, N.J.

The article is titled "Lessons Learned from Central Heating Plant Upgrade".

Here is an excerpt from the article:

As part of Shippensburg University's sustainability plan, its existing 60-year-old central coal-fired heating plant generating 70,000 lb/h (19 900 kW) of steam at peak demand was replaced with a new decentralized hot water heating system. A prior study with four potential configurations for the utility system was conducted. Technical and economic analyses, qualitative advantages and disadvantages were compared.

[Please click here to read the full article](#)

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#### Dinner Meeting

**Date:** November 15, 2016

**Time:** 5:00 PM - 8:00 PM

**Location:** Club 101, Park Avenue @ 40th Street

**Cost:** \$35 for ASHRAE Members, \$40 for non-members

**Credits:** 1 PDH

**Topic:** Modern Absorption Systems Applications for both Cooling & Heating

#### Learning Objectives:

- 1) The Absorption Cycle
- 2) Types of Absorbers



## Photo Gallery

Would you like to see the images from our last meeting?



## Contact Us

Attn: Gene Geyer  
c/o Dolphin Equipment  
629 5th Avenue, #113  
Pelham, NY 10803



- 3) "CCHP" integration for "Big Box"
- 4) "CHP" or Cogen sizing suggestions & rules of thumb

### Outline/Agenda:

- Absorption Cycle & Types
- Big Box Retail Store Summary
- CCHP "aka" CHP or Cogen design summary

### Speaker:



**Doug Davis** is a graduate Engineer from Purdue University. Doug has been involved in the design, sales and installation of over 100,000 tons of commercial cl America, Korea, Russia and numerous CCHP projects throughout North America. Doug has throughout his career has been well versed and an educator on the issue starting in the early 1990s.(CFCs, HCFCs and HFCs and natural refrigerant R-718 .Positions held include Sales Engineer and Account Executive for the Manager of Engineering Sales with McQuay International-Daikin in New York City. Doug worked for Columbia University where he was responsible for the inste Absorption plants on the Medical School Campus. Doug is currently a Director at Broad U.S.A. is a global manufacturer of Absorption Chillers and Sustainable member of ASHRAE Technical Committee 8.3 ABSORPTION AND HEAT OPERATED MACHINES as well a new member chair of the CHP association based

[Click here for more information and to register](#)

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## WIE: Women In Engineering

ASHRAE Women in Engineering is pleased to invite you to enjoy an informal evening in NYC's bustling Union Square to meet with friends and to make new fri

**Date:** Wednesday, November 9<sup>th</sup>

**Time:** 6:00 pm - 8:00 pm

### Location

The Back Room at The Winslow  
243 E. 14th Street, New York, NY 10003

### Agenda

6:00-6:30 Check-in

6:00-8:00 Eat and Drink!

Food provided by ASHRAE WIE.

Happy Hour drink specials (not included) are available until 7:00pm.

### Admission Cost

\$10 for ASHRAE Members

\$15 for Non-ASHRAE Members

(must register in advance, tickets will NOT be available at the door)

[Please click here to register](#)

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## YEA Updates

YEA Chair: Tony Tsang

YEA will be hosting a joint Ping Pong event with ASPE

**Date:** Thursday, November 10th

**Time:** 6:00PM - 9:00 PM

**Location:** Fat Cat - 75 Christopher Street, N.Y. 10014

**Description:** Drinks and pizza will be provided. Space is limited!

[Please click here for more information and to register](#)

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## Tours



**Date:** Thursday December 8<sup>th</sup> 2016

**Time:**

3:00 – 3:15 PM : Gathering and Greeting

3:15 – 3:30 PM : Systems Overview

MEP Highlights

Lessons Learned

3:30 – 4:30 PM : Job Site Tour

**Location:**

Bank of America Tower Lobby

One Bryant Park

New York, NY 10036

**Cost:** Free

Limited Tickets. Please contact Brian Marman ([brian.marman@lendlease.com](mailto:brian.marman@lendlease.com)) to reserve a spot.

**Description:** The 2.35 million square foot, 51-story office tower was completed in 2010. Setting a new standard in sustainable commercial construction, this tower is the tallest skyscraper in North America to achieve LEED Platinum and ranks among the most environmentally advanced skyscrapers in the world. Building features include a 4.6 megawatt combined heat and power plant, an ice cooling system, a building-wide water reclamation system, green roofs that utilize compost from the site, state-of-the-art advanced air filtration for exceptional indoor air quality, destination dispatch elevator control and dedicated backup emergency generators.

**PLEASE NOTE:** All attendees are required to have proper footwear to walk the site. Shoes/boots do not necessarily have to be construction boots, but should have a rubber sole at a minimum. Attendees should also bring their own hard hats, reflective vests, and protective eyewear.

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## Refrigeration Committee



The ASHRAE Refrigeration Committee is pleased to announce a re-invigorated leadership team and events schedule for calendar year 2017. The committee is Meraj Ramnarine of TCI College and Ed Bricker of The Durst Organization, with support from Matt Piscopo of Johnson Controls.

With a focus on providing news, community integration, and continuing education to engineers, contractors, and operators within the NYC region, the committee provides regular updates to the ASHRAE NYC Newsletter on topics including regulatory trends, refrigerant phase outs and efficiency regulations, as well as providing co-located events to bring together engineers, contractors, manufacturers, and operations staff. To supplement the educational goals of the chapter, the refrigeration committee provides PDH sessions throughout the calendar year.

The refrigeration committee is seeking new members! At the core of any strong organization is a strong core of dedicated and motivated people willing to brainstorm and execute ideas, events, and strategies!

Please reach out to Meraj, Ed, and Matt if you're interested in participating in the committees activities! [ramnar10019@yahoo.com](mailto:ramnar10019@yahoo.com), [ebricker@durst.org](mailto:ebricker@durst.org), [matt.p](mailto:matt.p)

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### Tour Wrap Up

Thank you to 56 Leonard Team!

On October 20, 2016, ASHRAE members were invited to tour the 56 Leonard Street building located in downtown Manhattan. Guests were treated to view a new including a full chiller and boiler plant which serve the uniquely shaped residential high rise. Also included in the tour were both spaces under construction (incl as well as a finished model apartment.



ASHRAE would like to especially thank the following people who helped put the tour together and guide our group through the systems:



Benjamin Rodney- Hines (Owner's Representative)

Elizabeth Darby- Hines (Owner's Representative)

Mike Antonoff- R&S United (Mechanical Contractor)

Rich Samuelsen-LendLease (Construction Manager- Superintendent)

Abraham Pitsirilios-LendLease (Construction Manager- Senior Vice President)

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### Community Service



by Ben Rodney ([benjamin.rodnev@hines.com](mailto:benjamin.rodnev@hines.com))

On October 26<sup>th</sup>, ASHRAE and 11 of our partners participated in our 3<sup>rd</sup> annual build day with Habitat for Humanity at their latest development, the Dean Street Brownsville Brooklyn. Twenty seven of us along with volunteers from Americorp and Habita's staff installed framing for walls and ceilings in 4 of the 15 units in Once again, Habitat was extremely thankful to have a team of engineers who are actively involved in the world of construction available to volunteer. While we many ways over the last 3 years, the build day is arguably the most rewarding.



The homes we contributed to, when complete, will provide affordable housing for an average of \$200,000 per home, helping families afford a home for the first qualifications, each family is required to put in 'sweat equity', working alongside the volunteers to build the homes for themselves and their neighbors. We were these new homeowners working alongside us.



I'd like to thank our sponsors and volunteers who helped raise over \$15,000 for Habitat and participate in the build. JB&B, Hines, Loring, Johnson Controls, MI Fulcrum Group, Gil-Bar, Federal Pump, Schneider Electric, Trane and a personal donor Adele Bootan.



We look forward to the next build day, possibly this spring! Keep an eye out!

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### **Winter Conference**

The Conference dates are Jan. 28-Feb. 1 at Caesars Palace with the Expo being held Jan. 30-Feb. 1 at the Las Vegas Convention Center. The two events are thousands of industry professionals from around the world, drawing on the record breaking attendance from the 2011 Conference and Expo held in Las Vegas

To register for the Conference, which includes free access to the Expo, visit [www.ashrae.org/lasvegas](http://www.ashrae.org/lasvegas).

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### **Technology Awards**

ASHRAE New York Chapter invites members to submit a recent project for possible New York Chapter / Regional Technology Award. The submitted project sh completed / occupied prior to September 2017. The owner of a particular project should be aware that his / her building is entered for a Technology Award. Ple: the application.

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