



ISSUE XI | 2019

DAYTON CHAPTER

CURRENT OFFICERS

PRESIDENT

Michael Weisman

MichaelWeisman@habeggercorp.com
Habegger Corporation

PRESIDENT-ELECT

Brian Turner

BTurner@ElitAire.com
ElitAire

TREASURER

Nathan Launer

Nathan.Launer@JCI.com
Johnson Controls, Inc

SECRETARY

Matt Dill

Matthew.dill@victaulic.com
Victaulic

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November 11th Meeting

Membership Promotion & RP Night



**TOM
MASTBAUM**
TEM Associates

Tech Session - 5pm—6pm

Update on ASHRAE 188

Presenter: Tom Mastbaum

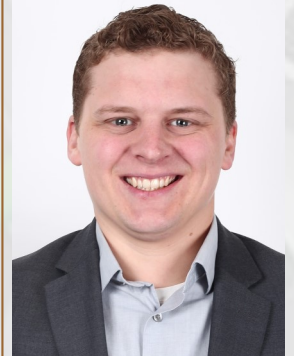
Tom will cover an update on ASHRAE 188 from the perspective of actions taken by the CDC, CMS, ASPE and other organizations, and how it is changing the landscape of healthcare institutions taking actions to prevent hospital acquired infections via waterborne pathogens, specifically Legionnaires disease. He will also cover the importance of engineering best practices for design and construction in dealing with control.

Main Presentation - 7pm

*New & Innovative Ways to reduce
HVAC operating Cost*

Presenter: Ben Seidel

As the worldwide demand for cooling increases, there is a growing need for innovative and efficient cooling methods. Ben will discuss global trends influencing the increased use of energy and water. He will also cover the latest advancements in cooling tower technology, materials, and system design to maximize the conservation of these critical resources.



**BEN
SEIDEL**
*Baltimore Aircoil
Company*

Social Hour: 5:30 PM to 6:30 PM

Dinner: 6:30PM

Engineer's Club, 110 E. Monument
Dayton, OH 45402

**FREE to Chapter Members and
Prospective members. All other \$20**

Please RSVP to

JPFauber@heapy.com

By Thurs. 11/07 @ Noon

Special dietary
options are
available upon request

FROM THE PRESIDENT

I would like to give a special thanks to Jeremy Fauber and Nathan Lammers for stepping up to run the October meeting. Quite a few officers were unable to make the meeting, so Jeremy and Nathan volunteered to help us.

The upcoming meeting in November will have a local flavor to it. Our very own Tom Mastbaum will be discussing ASHRAE Standard 188 during the Tech Session. The main presentation entitled "New and Innovative Ways to Reduce HVAC Operating Costs" will be delivered by Benjamin Seidel of Baltimore Aircoil Company. This evening will be Research Promotion Night, so please come out to help us honor our donors!

Please don't forget to mark your calendars for the Holiday Party for you and your spouse/significant other. We will be tasting wine again at the Engineers Club of Dayton on Saturday, January 11th. I hope to see you at the November meeting! - Thank you.

Mike Weisman - President, Dayton ASHRAE

Upcoming Events

November 11th
ASHRAE Chapter Mtg.
5:00 PM, Engineers Club

November 20th
Board of Governors
8:00 AM, Heapy Engineering

December 9th
ASHRAE Chapter Mtg.
11:30am, Engineers Club

December 18th
Board of Governors
8:00 AM, Heapy Engineering

January 11th
ASHRAE Holiday Party
6:00 PM, Engineers Club

[See Additional
Events & Volunteer
Opportunities Here](#)

CHAPTER HISTORY (2007-2008)

President:	Greg Cohron	Ramsay-Cohron
President Elect:	Lorraine Kapka	Sinclair C.C.
Secretary:	Colleen Haun	Ramsay-Cohron
Treasurer:	Jeremy Fauber	Heapy Engineering
Energy Mgt.:	Lorraine Kapka	EG&G Mound
Student Act.:	Russel Marcks	Sinclair C.C.
RP:	Dennis Lammlein	Signature Tech.
Membership:	Joe Ferdelman	Heapy Engineering

Meetings were held at the Dayton Engineers Club.
CRC held in Ft. Wayne, IN.
Green Expo Held at: Heapy Engineering

*In Memory of Greg Cohron and his dedication to
ASHRAE during his Leadership*

Committee Chairs

MEMBERSHIP

Jeremy Fauber

JPFauber@heapy.com
Heapy

HISTORY

Bryan Schenck

BWSchenck@heapy.com
Heapy

COMMUNICATIONS

Nathan Lammers

Nathan.Lammers@waibelenergy systems.com
Waibel Energy Systems

RESEARCH PROMO

Tom Mastbaum

TMastbaum@woh.rr.com
TEM Associates, LLC.

STUDENT ACTIVITIES

Russell Marcks

Russell.marcks@sinclair.edu
Sinclair Community College

CTTC

Evan Nutt

ENutt@elitaire.com
Elitaire

GRASSROOTS

Paul Hawkins

Paul.Hawkins@waibelenergy systems.com
Waibel Energy Systems

YEA (Chair)

Phillip Reid

PAReid@heapy.com
Heapy

Board of Governors

Jeremy Fauber

Heapy

Rick Pavlak

Heapy

Larraine Kapka

Sinclair College

MEMBERSHIP

New Members

The Dayton Chapter is happy to welcome its newest members. If you see them please give them a warm welcome!

September

Garrett Stickley

Do you know a colleague that would benefit from joining ASHRAE?

You can go to http://web.ashrae.org/connect_a_colleague/ and quickly sign up for ASHRAE to send an email to ask them to sign up on your behalf.

Membership Recognition

We would like to recognize the following members who have been with ASHRAE for the following years! Thank you for all your contributions to the field!



5 Years

Mike Malesko

10 Years

Michael Saunders

Membership Promotion Committee

Looking for a way to get involved with your local ASHRAE chapter and meet new people? The membership promotion committee is looking for volunteers to join the committee. The committee's primary responsibility is to recruit new members and retain existing members. If you are interested in serving please contact Jeremy Fauber at jpfauber@heapy.com. Or by calling 937-224-0861

Membership Application Here

ASHRAE RP

As noted in Last Month's Edition of this Newsletter we are off once again to a rocking start with our officers and a few other donating already. Remember that we Honor our Donors at the November Meeting, so please do not miss this important event. This is YOUR RIGHT!!

IMPORTANT: One change that you need to know about: To achieve "Honor Roll" status this year the minimum donation level is **\$150**. Honor Roll means that your name is published in the ASHRAE Journal, and you receive a Commemorative Gold Coin of a Refrigeration or HVAC Pioneer. We appreciate all donations and a donor your name will appear as a donor in our local newsletter. But if you want to keep your "Coin Collection" going and be "Published," the NEW MINIMUM is \$150.

2020 Goal =	\$19,680
YTD =	\$ 1,580
To go =	\$18,100

Honor Roll

Nathan Lammers
Evan Nutt
Tom Mastbaum
Nathan Launer
Steve Meier
Brian Turner

Honorable Mention

Nick Pavlak
Joseph S Ferdelman, PE
Michael Thomas Weisman
Bryan Schenck
John R Patterson, Jr
Lorraine Kapka
Jeremy Fauber
Jennifer Eller

If you would like to donate NOW simply click this link:

[Donate NOW](#)

And make your donation to help ASHRAE
in its Research Efforts.
Thank you so much!!



Join our team!

New Mechanical Engineer/Designer positions open in Celina, OH



Fanning Howey is an integrated architecture, interiors and engineering firm specializing in learning environments. We use the breadth of integrated disciplines and a depth of specialized knowledge to create smarter places for learning.

We're looking for Mechanical Engineers and Mechanical Designers to join our team! Work with the most highly experienced K-12 design team in Indiana and Ohio, collaborate with interdisciplinary teams on innovative design solutions and learn directly from thought leaders in your field and beyond.

Requirements/Preferences:

- Mechanical Engineering Degree
- Engineering Technology Degree
- Knowledge of HVAC, Plumbing or Fire Protection
- Software Skills: Revit and AutoCAD
- Basic understanding of energy modeling and energy audits

Submit your resume and cover letter to jobs@fhai.com or to Chief HR Officer Dorine Vogel's LinkedIn page.

ASHRAE NEWS

What is YEA?

"**YEA**" pronounced "yay" is the abbreviated form for
"Young **E**ngineers in **A**SHRAE".

YEA is the young professional arm of the national organization with a target audience of members 35 and younger. This group supports members in the HVAC&R industries by providing opportunities for Professional Development, Networking, Career Advancement, and Technical Acquisition.

The Dayton Chapter YEA is on the move, continuing growing and looking forward to provide opportunities throughout the calendar year to engage with the YEA group and the "Young at Heart".

If you have any questions, concerns, or ideas on how you can partner with the YEA group feel free to contact your Dayton YEA Chair:

Phillip Reid - pareid@heapy.com

Space Coast Chapter Presents Building EQ Pilot Program

ASHRAE Space Coast Chapter President Bruce Lindsay, PE; Florida Institute of Technology (Florida Tech) Student Branch Advisor Dr. Hamidreza Najafi, PhD; and Florida Tech Student Branch Members presented the results of the Brevard Public Schools (BPS) Building EQ Pilot Program at the Joint Chapter/Student Branch meeting on October 8. Results of the work included Building EQ submission process and scores, energy efficiency measures from the ASHRAE Level I Energy Audit, and the next set of schools for auditing as a continuation of the Building EQ program from pilot to permanent status.

Letter from Manufacturers Backing Legislation on HFC Phase-Down

CEOs and Presidents of several manufacturers [sent a letter](#) to U.S. Senate and House committee leadership overseeing the U.S. EPA, which supports legislation that phases down the use of hydrofluorocarbons (HFCs), a type of refrigerant with high-Global Warming Potential (GWP). The letter was sent by more than 34 members of the Air-Conditioning, Heating, and Refrigeration Institute and the Alliance for Responsible Atmospheric Policy. The letter says that "Federal legislation phasing down HFCs represents a chance to put America first, and to keep American workers at the forefront of this important global industry."

House Select Committee on the Climate Crisis Holds Hearing on Cleaner, Stronger Buildings

On October 17, the House Select Committee on the Climate Crisis held a hearing titled *Solving the Climate Crisis: Cleaner, Stronger Buildings*. Click [here](#) to learn more

Mayors from Around the World Sign Global Green New Deal

Ninety-four mayors from around the world [announced](#) their support of a Global Green New Deal at the C40 Climate Summit in Copenhagen earlier this month. The deal was announced by Los Angeles Mayor Eric Garcetti and Paris Mayor Anne Hidalgo. The group has recognized a global climate emergency and committed to keep global warming to under 1.5 degrees Celsius above pre-industrial levels, which is consistent with the Paris climate agreement. The C40 Climate Summit is a gathering of mayors and other industry leaders committed to fighting climate change within urban decision-making and at the city level. For more information about the C40, visit c40.org.

DOE Public Meeting Schedule for the Variable Refrigerant Flow Multi-Split Air Conditioners and Heat Pumps Working Group

The Department of Energy has released the schedule of events for the Variable Refrigerant Flow Multi-Split Air Conditioners and Heat Pumps Working Group. DOE will host public meetings and a webinar on the following dates:

- Tuesday, November 5, 2019 from 9:00 a.m. to 5:00 p.m. at Federal Mediation & Conciliation Services, Room 7008, 250 E Street SW, Washington, DC 20427
- Wednesday, November 6, 2019 from 9:00 a.m. to 3:00 p.m. at Federal Mediation & Conciliation Services, Room 7008, 250 E Street SW, Washington, DC 20427
- Wednesday, November 20, 2019 from 9:00 a.m. to 5:00 p.m. at U.S. Department of Energy, Forrestal Building, Room 8E-089, 1000 Independence Avenue SW, Washington, DC 20585
- Thursday, November 21, 2019 from 9:00 a.m. to 3:00 p.m. at U.S. Department of Energy, Forrestal Building, Room 8E-089, 1000 Independence Avenue SW, Washington, DC 20585
- Wednesday, December 18, 2019 from 9:00 a.m. to 5:00 p.m. at Federal Mediation & Conciliation Services, Room 7008, 250 E Street SW, Washington, DC 20427
- Thursday, December 19, 2019 from 9:00 a.m. to 3:00 p.m. at Federal Mediation & Conciliation Services, Room 7008, 250 E Street SW, Washington, DC 20427

DOE will host a webinar on Thursday, December 12, 2019 from 11:00 a.m. to 1:00 p.m.

To register to attend in-person, please send your name and company information via email to ASRAC@ee.doe.gov. The public meeting can also be attended via webinar. More details about the public meetings can be found [here](#). More information can also be found on the [DOE website](#).



ASHRAE News

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ACEEE State Report Card

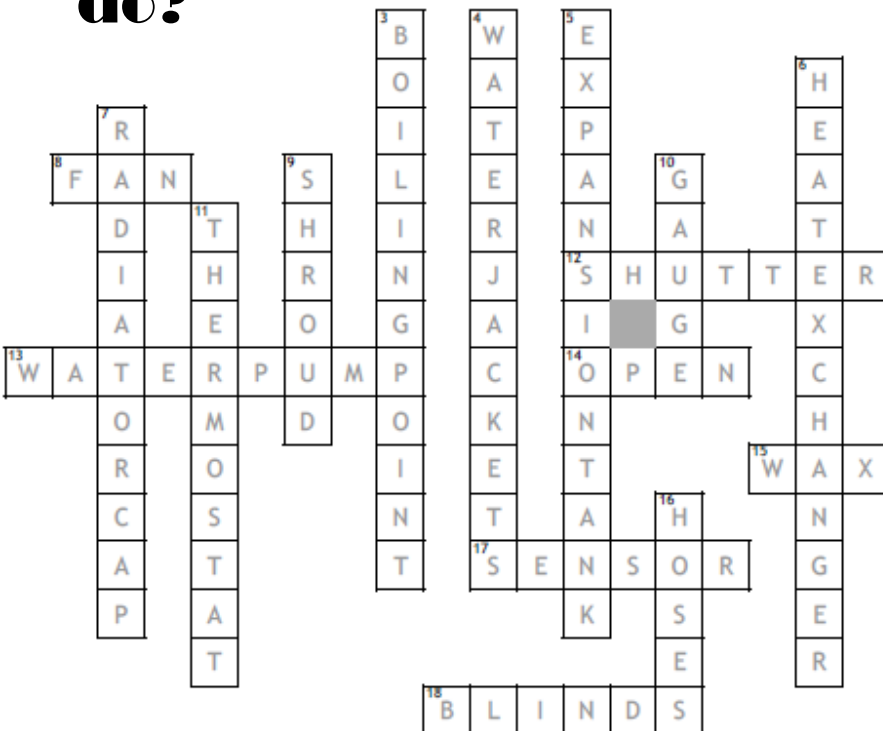
The 13th edition of the American Council for an Energy Efficient Economy's (ACEEE's) [State Energy Efficiency Scorecard](#) has been released. The document is a [progress report](#) on state policies and programs that save energy, while producing environmental and economic benefits. States that are leading the way include Massachusetts, which ranked number one, as well as California, Rhode Island, Vermont, and New York. Maryland is the most improved state, with both Hawaii and New Jersey also showing significant improvements. The report illustrates how an increasing number of states are showing leadership in energy efficiency and clean energy by adopting ambitious goals and energy-saving rules for buildings, as well as appliances and vehicles. ACEEE also produces a scorecard for [cities](#) each year, which came out this past July.

JUST FOR FUN

How
did
you
do?

1 R A D I A T O R

2 C O O L A N T



Fred deciding which sort of power to use to cut wood for his wood burning air conditioner.