



DAYTON CHAPTER

WWW.DAYTONASHRAE.ORG

ISSUE X | 2024

CURRENT OFFICERS

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SECRETARY

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October 14th - In person Mtg.



Main Presentation: Boiler Venting 101

Presenter: Jason Geagan

**VP of Commercial Sales
With US Draft Company**



US DRAFT CO.

A Division of R.M. Manifold Group, Inc.

**Social Hour: 5:30-5:55 pm
Chapter Business: 5:55-6pm
Dinner & Main Presentation: 6p**

**Presentation will be at: Engineers Club - 110 E Monument Ave
Theme: Research Promotion
1 PDH Credit**

Topic Description: An overview of different types of venting for gas fired appliances. Includes examples of proper venting design and issues that have arisen due to improper venting.

Please use the Eventbrite link to sign up by Oct 10th. The Eventbrite link for the October meeting is LIVE. Please register, if you plan to attend. <https://www.eventbrite.com/e/dayton-ashrae-chapter-meeting-tickets-1031089355017>



DAYTON CHAPTER

List of upcoming Meetings for 2024-2025 Year

Monday, October 14th - Evening Meeting
Theme: Research Promotion

Monday, November 18th - Evening Meeting
Theme: Student Night & Membership Promotion

Monday, December 9th - Lunch Meeting
Theme: MCA & SMACNA

Monday, January 13th - Lunch Meeting
Theme: TBD

Monday, February 17th - Lunch Meeting
Theme: Membership Promotion & HARDI

Monday, March 10th - Lunch Meeting
Theme: Joint Mtg with AIA

Monday, April 14th - Evening Meeting (Technical Tour)



**MAKE SURE TO LOOK FOR INFORMATION
ABOUT ANY UPCOMING ACTIVITIES ON
OUR FACEBOOK PAGE OR IN THE
MONTHLY NEWSLETTER TO
CELEBRATE THE DAYTON
CHAPTERS 75TH YEAR!**

FROM THE PRESIDENT

Hello, Dayton ASHRAE Members!

This past month has been full of exciting progress and collaborations. Here are a few key highlights:

PIVOT Conference: A Commitment to Environmental Sustainability. We had a fantastic turnout at this year's PIVOT Conference. Special thanks to Jennifer Eller for coordinating our Dayton ASHRAE table, and to Sara Sowers for her valuable assistance!

75th Anniversary Celebration: As we approach our chapter's 75th Anniversary, a dedicated celebration team has been formed to lead the planning of special events. Many thanks to Sarah Sowers, Haithem Murgham, Nathan Lammers, and Dave Crosley for their efforts in preparing for this milestone. Stay tuned for updates!

YEA (Young Engineers in ASHRAE) Event Planning: The Dayton and Cincinnati YEA chapters are collaborating on a joint event at Top Golf. If you know any young engineers who may be interested in ASHRAE, please connect them with Matthew Worsham, Brian Mackey, or any board member, and we'll reach out to them!

Collaboration with Cincinnati ASHRAE: A special thanks to Anna Sanzere, Cincinnati ASHRAE Chapter President, for joining this month's board meeting. It was a great opportunity to share ideas and align on goals for the year ahead.

As always, thank you for your continued support and dedication to the Dayton ASHRAE Chapter. Let's keep up the momentum as we work together to advance our industry!

Warm Regards, Kevin Strum , President, Dayton ASHRAE

Upcoming Events

Oct 14th

ASHRAE Chapter Mtg.
5:30 PM, In-Person Meeting

Oct 16th

Board of Governors
8:00 AM, Virtual Meeting

Nov 18th

ASHRAE Chapter Mtg.
5:30 PM, In-Person Meeting

Nov 20th

Board of Governors
8:00 AM, Hybrid Meeting

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

CHAPTER HISTORY (1991-1992)

President: Phil Van Styn
President Elect: David Schmenk
Vice Pres: Chris Hampel
Secretary: John Masgo
Treasurer: Mark Neihesel

Heapy Engineering
Montgomery County
CAC Distributing
Siebe Barber Colman
Uptime Solutions

Education: George Sehi
Research Pro.: Dave Schmenk
Membership: Mark Neiheisel

Sinclair CC
Montgomery Co.
Uptime Solutions

Meetings held at the Dayton Engineers Club

CRC held in Frankenmuth

Regional Director: Tom Ferdelman

Committee Chairs

MEMBERSHIP

Jennifer Eller

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Heapy

HISTORY

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Sinclair Community College

CTTC

Sara Sowers

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MSD

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Emerson

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Rieck

Matthew Worsham

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City of Dayton—Sustainability

Board of Governors

Rick Pavlak

Heapy

Lorraine Kapka

Sinclair College

Brian Turner

Elitaire

MEMBERSHIP

New Members

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



September

Jim Church

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!

1 Year: Dr Badr Al Tarhuni & Kevin Riley

5 Years: Zak Schultz

10 Years: Mike Melesko

25 Years: David Dexter



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 **Jennifer Eller** at jmeller@heapy.com.

Membership Application Here

****Make sure to update your information on ASHRAE.org website or email me.**

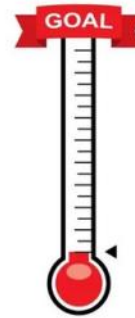
ASHRAE RP

Thank you to those who have made an early donation to the ASHRAE RP 24-25 campaign. As expected, ASHRAE has not changed the goals for the Dayton ASHRAE RP campaign. We need your support to help us reach \$20,000. For those looking to help, please consider donating to ASHRAE RP / Education / Scholarships. See the link BELOW to donate today!

Please note again that in order to be recognized with a commemorative coin, and have your name published in the ASHRAE Journal, the minimum donation is \$150 for individuals and \$500 for Corporate Donors .

2024 Goal = \$ 19,680
YTD = \$ 450
To go = \$ 19,230

% to GOAL: 2%



Partner Level

Honor Roll

Bronze Level

Lorraine Kapka
Steven Meier
Evan Nutt

Silver Level

Honorable Mention

Thanks for all your help and support. 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!!



ASHRAE News

Up to \$250,000 Awarded in Scholarships!



Up to \$250,000 Awarded in Scholarships! Through its Society [Scholarship Program](#), ASHRAE seeks to motivate students worldwide to pursue an engineering or technology career in the HVAC&R field that will further promote sustainable technology for the built environment. Scholarships range from \$3,000 to \$12,500 and awarded for the 2025-2026 academic year if you apply by **December 1st, 2024**. For information on eligibility and how to apply, please visit the [Scholarship Program Website](#).

Now accepting applications for our Undergraduate Engineering, Engineering Technology, Regional/Chapter, & University-specific Scholarships. **The deadline for applications and supporting materials is December 1st.**

Re-Opened Three Mile Island Will Power AI Data Centers Under New Deal

Microsoft and Constellation Energy have announced a deal that would re-open Pennsylvania's shuttered Three Mile Island nuclear plant. The agreement would let Microsoft purchase the entirety of the plant's roughly 835 megawatts of energy generation—enough to power approximately 800,000 homes—for a span of 20 years starting in 2028, pending regulatory approval. The actual electricity from the Three Mile Island plant, which would be renamed Crane Clean Energy Center, wouldn't be earmarked for any specific use and would go to local interconnections rather than directly to Microsoft facilities. [Read more](#)

ASHRAE Announces Call for Abstracts for 2025 Annual Conference in Phoenix

ASHRAE is accepting abstract submissions for the [2025 Annual Conference](#) to be held in Phoenix, Arizona, June 21-25, 2025, at the Sheraton Phoenix Downtown. Conference papers are requested for the following tracks: "Industrial Ventilation, Refrigeration, Air-Conditioning and Energy Utilization," "Heat Pumps, Refrigerants and Decarbonization," "Onsite Energy Storage," "Workforce Development," "Research Summit," "Fundamentals and Applications" and "HVAC&R Systems and Equipment." Abstracts (400 words or less) are due November 20, 2024. All accepted papers will be considered for publication in *Science and Technology for the Built Environment*, ASHRAE's research journal. [Read more](#)

Texas Outshines California, Takes Top Spot on New Solar Energy Ranking

For the first time, Texas passed California to become the top solar state in the country. The American Clean Power Association, which represents over 800 energy storage, wind, utility-scale solar, transmission and clean hydrogen companies, found that Texas is home to 21,932 MW of capacity. Their quarterly market report found that, by adding 3,293 MW of new solar year-to-date, Texas has the most utility-scale solar capacity installed, comprising 20% of the overall U.S. solar fleet. [Read more](#)

ASHRAE News



**2025 ASHRAE
WINTER CONFERENCE**
ORLANDO, FEB 8-12 | AHR EXPO, FEB 10-12



Join us in Orlando this February 8-12 for the 2025 ASHRAE Winter Conference and AHR Expo. Register for the conference to connect with peers and thought leaders, get inspired, and see the latest innovations at the AHR Expo.

[Register](#)

Register by Oct. 31 for the best rates!

Technical Tracks

**AHR Expo with 1,600
Vendors**

Social Events

Technical & Project Committees

**ALI— ASHRAE Learning
Institute offering 20 courses**

ASHRAE News

ASHRAE Joins in Statement from Building Organizations in Support of National Definition of a Zero Emissions Building

On September 25, ASHRAE joined with 16 organizations in a statement of support for the recently finalized [National Definition of a Zero Emissions Building](#) to stress the importance of decarbonizing the buildings sector, which is responsible for more than one-third of total U.S. greenhouse gas emissions. In June, the U.S. Department of Energy (DOE) announced the definition to provide better standardization across the buildings industry and generate momentum for reducing the buildings sector's emissions. ASHRAE President M. Dennis Knight stated, "By strengthening this definition with ASHRAE's referenced resources, we hope to collectively guide the transition of the building industry in reducing its carbon footprint and drive meaningful transformation towards a sustainable future." The statement was released in conjunction with NYC Climate Week and can be found [here](#).



Energy Efficiency Day 2024 is October 2nd

This year Energy Efficiency Day will be celebrated on October 2nd. The annual celebration recognizes the wide-ranging impacts and importance of energy efficiency. Beyond greenhouse gas emission and climate change mitigation, energy efficiency creates jobs, strengthens the economy, and improves health and air quality inside and outside of buildings. To celebrate Energy Efficiency Day 2024, one thing you can do is to formally request that your elected officials issue a proclamation recognizing the importance of Energy Efficiency. Most lawmakers and executives have a public webpage where these requests can be submitted, along with suggested language for their proclamation. ASHRAE has a suggested draft proclamation for EE Day 2024 available on our Proclamation Toolkit Page [here](#). For additional assistance, please email GovAffairs@ashrae.org.

New Funding Opportunity for Nonprofit Educational Organizations' Effort to Grow Clean Energy Workforce

On September 24, the Department of Energy (DOE) announced a new funding program to promote clean energy workforce training in the science, technology, engineering, and mathematics (STEM) fields. This Clean Energy Careers for All (CEC4A) program will award up to \$300,000 each for 10 nonprofit educational organizations that promote interest in clean energy careers.

DOE will accept applications for new or expanded workforce development programs in key areas such as renewable energy, energy efficiency in buildings, energy storage, advanced materials, and electric vehicles.

An informational webinar on the program will be held on **October 16, 2024**. Potential applicants can register [here](#). Submissions for Phase 1 of the CEC4A Program are due on **December 13, 2024**. More information, including a link to apply can be found [here](#).

Tax Credits for Home Energy Audits

The U.S. Department of Energy (DOE), in collaboration with the IRS, has a qualified certification program for homeowners to claim the [Energy Efficient Home Improvement Credit](#) for energy efficiency upgrades and receive an energy audit by a Qualified Home Energy Auditor. If you make qualified upgrades to your home after January 1, 2023, you can receive up to \$3,200 in tax credits which can be claimed as late as 2032. Additionally, you can qualify for up to a \$150 tax credit for conducting a [home energy audit](#) of your primary residence.

You can click [here](#) to apply for the credit which must be claimed for the tax year when the property is installed, not merely purchased. You can also click [here](#) to apply for the home energy audit tax credit.

Forest Atrium Supports Indoor Air Quality in Sustainable Research Center

By Eduardo Seiji Yamada, C.Eng., BCxP, Member ASHRAE

Located in São Paulo, Brazil, the Albert Einstein Brazilian Israeli Beneficent Society Learning and Research Center has all the requirements to become one of the most advanced institutions and a reference in medical and health studies and research in South America. The glass dome and internal landscaping are main elements. In the main atrium, a forest was designed to bring nature inside and hosts diverse species from the Atlantic Forest to improve indoor air quality. [Read more](#)

2024 ASHRAE TECHNOLOGY AWARDS CASE STUDY

