

Chapter Website

www.ashraetnvalley.org

2022-2023 Chapter Officers

President

Alex Ramsey 423-488-0376

President-Elect

Jan Jennings 615-330-7923

Vice-President

Treasurer

[Patricia King](#) 423-596-0736

Secretary

[Carolyn Ritchie](#) 423-752-3438

Communications Chair

[Kay Thrasher](#) 423-855-1184

Research Promotion Chair

[Tommy McMasters](#) 423-493-7530

Historian

[Scott Harrington](#) 865-583-9309

Student Activities

Vacant

Membership

[John Richardson](#) 423-413-6062

Grassroots Gov. Affairs

[Scott McKenzie](#) 423-664-1492

Young Engineers in ASHRAE (YEA)

Dillon Grider 423-619-5342

Webmaster

[Kay Thrasher](#) 423-280-9815

Chapter Administration

Tommy McMasters 423-493-7530

Chapter Administration

[John Richardson](#) 423-413-6062

ADDITIONAL BOARD OF GOVERNORS
(Outside of Officers Listed Above)

David Dinse 706-820-0711

Jac Cooper 423-280-8361

Joe Runyan 423-285-2556

BOG meetings are typically held on the 3rd
Monday, 12:30-1:30 pm at Council Fire
Clubhouse

***IN PERSON* MEETING NOTICE**

Date: Wednesday, March 01, 2022

Time: 11:30 a.m. Lunch served & Chapter Announcements

Place: [Mountain City Club](#), 729 Chestnut St., Chattanooga

Cost: \$20 if you're not on the meal plan

\$10 for ASHRAE student members (must be a member)

Now accepting credit cards via smart phone app or online via PayPal

Menu: Vegetarian or low carb meals must be requested early

Reservations: **RSVP no later than 4:00pm Tuesday 2/28** via an

Email to [Tricia King](#), Patricia.king@rockwellautomation.com

**Chris
Edmondson**

**Why Hydronic
Systems for
Decarbonization
and Low EUI?**

This month's chapter program will give us the opportunity to learn more about hydronic systems and how they can be used to achieve decarbonization and low EUI. The learning objectives of this meeting are as follows:

- At a high level to understand the key factors driving future building decarbonization and the electrification of building HVAC design
- Why a low site EUI (Energy Use Intensity) building design will become mandatory
- Why hydronic heating and cooling with storage is desirable
- Why air and water source heat pumps with high COPs for cooling, heating and domestic water will become standard go to system to reduce Source EUI.

Chris Edmondson received his B.S. Degree in Mechanical Engineering from North Carolina State University in 1967. After graduation, he spent four and a half years as a salesman with the Trane Company. In 1971, he came to work for the James M. Pleasants Co., Inc. He worked as an Outside Salesman until 1978, when he was promoted to Vice President and Sales Manager till 1987. From 1987 to 2010, he has served as President of the Pleasants Company. Chris is currently CEO of James M. Pleasants Company.

Professional Development Certificates (1 hour) will be provided after the webinar. The webinar should conclude by 1 pm

ASHRAE Government Affairs – Updates - <http://www.ashrae.org/advocacy>

Local Groups of Interest:

[Green Spaces Chattanooga](#)

[Chattanooga Engineers Club](#)

[Chattanooga - American Institute of Architects](#)

[Tennessee Board of Architectural and Engineering Examiners](#)

[Geothermal Heat Pump Consortium](#)

[Chattanooga Engineers Week](#)

ANNOUNCEMENTS:

ASHRAE and Chapter Membership

The following reflects insights that came to mind while working through the Chapter database this month.

From the data:

The Tennessee Valley Chapter has 84 assigned members this year. Hopefully we will not have a “net loss” again this year. We had 88 assigned members in 2019. NOTE - Chapter membership is a very fluid and at times imperfect number. It includes new members, cancellations, and transfers in and out, and also members who should have been assigned to another chapter due to their physical address.. A high-level look at several sections from our member scorecard this month looks as follows:

- **Six (6) New Members** – Walter Coffman, Logan O'Dell, Gage Plotner, Syllas Rehbein, Charles Trower, Wang Pengtao – Welcome to all of you. If you see any of them at the meeting, make sure they are welcome. If you know them and they are not attending the meetings, invite them. We need active members!
- **Six (6) Member Cancellations**
 - Four cancellations for “non-payment of dues were recorded
 - Two members have passed away this year – Bill Estes and Joe Robbins
- **Transfers (-1 net)** – There have been three (3) members “Transfer in” to the chapter and four (4) members have “Transferred Out”. People move.
- **Demographics** – It looks like the “old guys” are beating the “young guys” here as *the chapter has nineteen (19) “Life Members” assigned compared to only eleven (11) “YEA Members”.* **This really needs to be reversed** as many of us “old guys” are slowing down. BTW, my use of the term “old guys” is nowhere close to being politically correct as our newest chapter Life Member is Kay Thrasher. **Congratulations Kay!!!**

As one can see, from a data point of view it is easy to develop an interesting visualization.

You, the Chapter, member probably see a completely different perspective through your work, interaction and networking opportunities between each other.

Programs - The Chapter wants to be a benefit to you. Hopefully, you all are being fed program material that is of benefit to you, if not, “SPEAK UP” so we can work toward better meeting your expectations. Participation - Participate and stay active. If no one asks you to help, step forward and volunteer. Participation can help one develop leadership skills that are transferrable to your “day job”.

2022-23 Chapter Programs

Good programs are what make the Chapter meetings a success. Last year your participation (attendance) was great. It is directly attributable to the quality of programs. Input is continually needed from everyone (both members and non-members) for topics (and potential presenters) that are of interest. Efforts will be made to address all needs (residential, commercial, nuclear, renewable, etc.), so do not be ashamed to ask.

Contact [Kay Thrasher](#) or any current Board member with suggestions.

2022-23 Meeting Dates	Topic
09/07/2022	ETHICS
10/05/2022	Values and Benefits of Home/Commercial Inspections
11/02/2022	Roundtable Discussion
12/07/2022	New Refrigerant Codes
01/04/2023	Indoor Pool Room Design
02/01/2023	Compressed Air Systems
03/01/2023	Hydronic Systems for Decarbonization
04/05/2023	
05/03/2023	
TBD	Golf Tournament Fundraiser