

HOUSTON CHAPTER HOT AIR RECORDER



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This Month's Meeting

This month we will be hearing from Helen Sharkey on corporate ethics.

Location: The Ballroom at Tanglewood, 5430 Westheimer Rd, Houston, TX

Time: 11:00 AM - 1:00 PM



Annual ASHRAE Houston Fall Golf Tournament

Benefiting ASHRAE Research and the Houston Chapter!

Location: The Golf Trails of The Woodlands 2311 N Millbend Dr

The Woodlands, TX 77380

Time: 11:00 AM



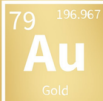
YEA Networking Event

Join ASHRAE for our upcoming Happy Hour!

Location & Time: TBA

SPONSOR NEEDED contact [Pablo Marin](#) if interested.

NOVEMBER Tabletop Sponsor



Become an
Annual Sponsor
TODAY!!

Do YOU want to be a Tabletop
Sponsor?!

CLICK HERE to learn more!

LAST MONTH'S MEETING

Future Improved Grid Hardening through the use of Digital Twin.

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Thank you to everyone who came out to the October meeting, we heard from both Brian Wright and Abbey Massey.

Brian Wright PACE Program Liaison

Brian provided an overview of the Texas PACE program, how Texas PACE benefits engineers, how Texas PACE fits into the capital stack, and also provided case studies.

Abby Massey, PE, LEED AP VP of Energy Incentives with TaxTaker

Abby provided an overview of three federal tax incentives that are triggered by the installation of energy efficient systems. She also discussed the value of these incentives and what considerations need to be made during the project to maximize benefit. Finally, she will discuss how and when to best identify a tax incentive opportunity.



Thank you Aroseal for being our Table top Sponsor!



THIS MONTH'S MEETING

“What Happened to Me Could Happen to Anyone”

Helen C. Sharkey

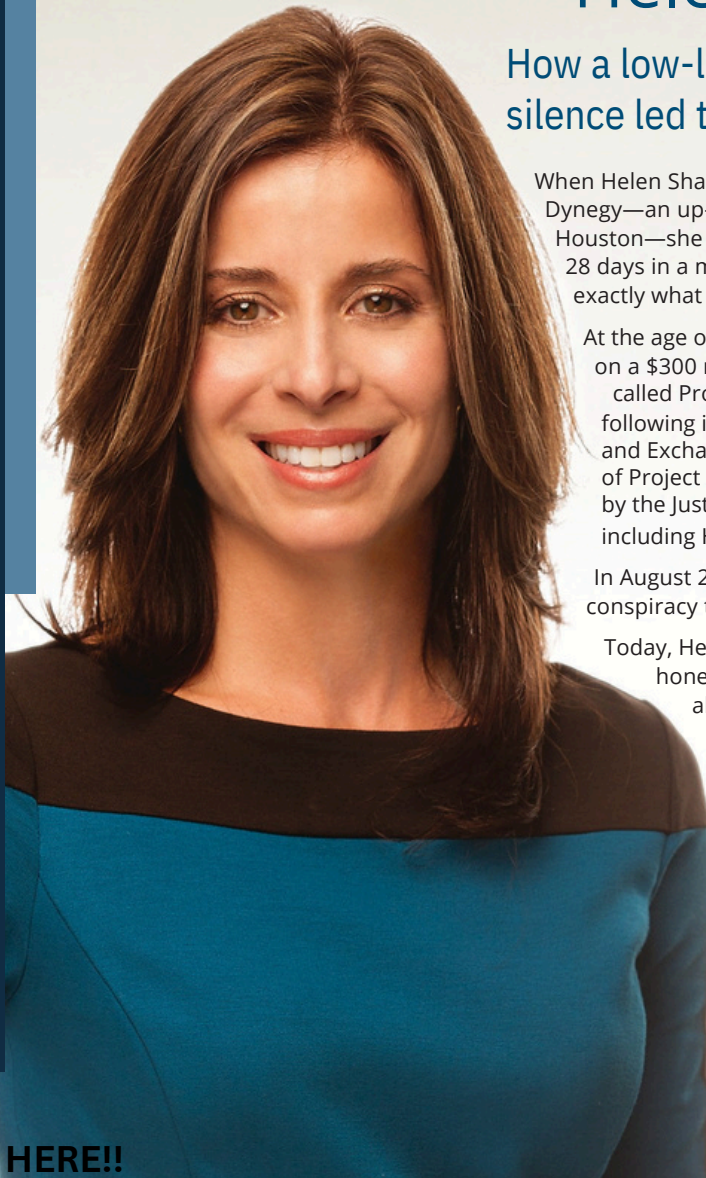
How a low-level employee's
silence led to a prison sentence

When Helen Sharkey was hired as an accountant in 1996 by Dynege—an up-and-coming energy trading company in Houston—she had no idea the job would ultimately lead to 28 days in a maximum-security federal prison. But that's exactly what happened.

At the age of 28, Helen was the lowest-level employee on a \$300 million structured finance transaction team called Project Alpha. Little did she know, Dynege was following in the footsteps of Enron. Soon, the Securities and Exchange Commission launched an investigation of Project Alpha, followed by criminal charges brought by the Justice Department against three employees, including Helen.

In August 2003, Helen pled guilty to one count of conspiracy to commit securities fraud.

Today, Helen speaks about her experiences with brutal honesty and not a trace of self-pity. She talks about her excitement when she landed her “dream job” at Dynege, only to be followed by dismay when she began to doubt the ethics of what they were doing and, ultimately, her complete loss of faith in the company. She details her gut-wrenching fear when she realized that the Justice Department was targeting her, her struggle with the decision to plead guilty, the shame of being branded a felon and her time behind bars. She talks about her mistakes frankly, yet also delivers a message of hope: even when things are at their darkest, never lose sight of the light at the end. Follow it and believe.



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GET YOUR TICKETS HERE!!

MEMBER

\$32.00 Early bird rate before September 5th

\$35.00 Member Luncheon Ticket

\$40.00 Member Ticket (at the door)

NON-MEMBER

\$42.00 Early bird rate before September 5th

\$45.00 Non-Members Luncheon Ticket

\$50.00 Non-Member Luncheon Ticket at the door

Speaking Topics

- Corporate ethics and accountability
- Whistleblower responsibilities
- What NOT to do when faced with an ethical dilemma

MORE INFORMATION AT HELENSHARKEY.INFO

PRESIDENT'S MESSAGE

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Dear ASHRAE Houston Chapter Members,

October was a whirlwind of activity for our chapter, and I couldn't be more excited to share the highlights with you. We came together for engaging presentations, thrilling fundraisers, and meaningful networking, all while reinforcing the strong sense of community that makes our chapter shine.

Our third chapter meeting featured two incredible speakers: Brian Wright, who educated us on the Texas PACE Programs, and Abby Massey, who outlined how we can leverage the Inflation Reduction Act tax incentives on our projects. Their insights sparked engaging discussions and provided actionable takeaways for all who attended.

Our Fall Poker Tournament was a smashing success, with 46 participants coming together for a night of friendly competition. We raised significant funds for ASHRAE Research and our Houston Chapter Operating Funds. A huge thank you to Roessler Equipment Company for providing their facilities, and to our amazing sponsors: Samsung HVAC, Garner Fritsche, Delta T Equipment, Texas Reps, I.A. Naman, Telios, GK Engineers, Eolis, Technical Air Balance, Magnum Air, and Kitz Corporation of America! Your support made this event memorable and impactful.

We also hosted our first Women in ASHRAE event of the year: a compelling panel discussion titled "The Female Perspective – Women in STEM Leadership." Thanks to the generous sponsorships from Page and S&S HVAC, we were able to offer this event free of charge, making it accessible to all. The conversation was rich and inspiring, fostering connections and highlighting the value of diverse leadership in our field.

Our Young Engineers in ASHRAE (YEA) group kicked off their learning-style networking socials with a presentation by Randy Plumlee from SPEER. He covered the evolving changes in building codes and energy efficiency, providing attendees with valuable PDH credits. Special thanks to Alliant Group for sponsoring drinks for the first 50 participants. This event marked an excellent start to a promising series of educational and networking opportunities.

As the holidays approach, we'll be slowing down a bit, but we still have several fantastic events lined up. Don't miss out on these opportunities to connect and engage:

- **Annual Fall Golf Tournament:** Join us on November 14th at the Woodlands Country Club. Spots for teams and sponsorships are filling up fast, so head over to our website and register today!
- **Annual Ethics Chapter Meeting:** Mark your calendars for Friday, November 15th (yes, a Friday, not our usual Thursday) at the Ballroom at Tanglewood. If you need your ethics credit, this is the event for you.
- **YEA Networking Social:** We'll have another networking opportunity on November 21st, so keep an eye out for details.

Looking ahead, I also want to encourage you to consider joining us for the 2025 ASHRAE Winter Conference in Orlando. Conferences like these are phenomenal for professional growth, exposure to cutting-edge research, and expanding your network. It's an experience you won't want to miss!

Lastly, I want to spotlight our chapter secretary, Mason Hall. Although new to the officer rotation, Mason has been with ASHRAE Houston Chapter for three years. He served as the Hot Air Recorder Newsletter Editor for two years, and now, as our secretary, he's shown tireless dedication to keeping our chapter organized. Mason's energy, willingness to lend a hand, and commitment to our chapter are truly inspiring. From preparing agendas and organizing our cloud storage to offering support wherever needed, Mason has proven to be an invaluable part of our leadership team. I'm confident he has a bright future in our organization.

To those who are thinking about joining ASHRAE or becoming more involved: There has never been a better time. Our chapter is a place of collaboration, growth, and impact, and we welcome new faces with open arms. Come see what being a part of this incredible community can do for your career and personal development!

Thank you all for your ongoing support and engagement. Here's to a strong finish to the year!

Click [HERE](#) for full article

Julie Thomet, ASHRAE Houston Chapter 2024-2025 President

RESEARCH PROMOTION

2024-2025 Fundraising Events & Sponsorship Opportunities

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UPCOMING DATES:



FALL GOLF TOURNAMENT



SPRING GOLF TOURNAMENT

Click [HERE](#) to donate to ASHRAE Research

Thanks for your support!

If you would like to sign up for an annual sponsorship you can donate on-line, or contact

Heather Camden
at (713)305-5479

to make your pledge and be the top of your level's banner!



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Thank you to everyone who came out to participate in the Fall Annual Poker Tournament. This year was a huge success!

WINNERS:



Francis Chaumet



Brandon Crabtree - Convergentz

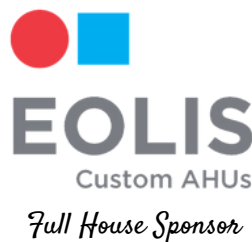


Mark Sacra, Jr. - Distribaire

HUGE THANK YOU TO OUR SPONSORS FOR THE NIGHT!!



Straight Flush Sponsor



Raffle Sponsor

**ANNUAL FALL
GOLF TOURNAMENT**



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11/14/2024

TEAM OF 4- \$1250

REGISTRATION 11:00 AM
LUNCH 11:30 AM
SHOTGUN START 12:30 PM

The Golf Trails
of
The Woodlands
2311 N Millbend

SPONSORSHIP OPPORTUNITIES

	The Woodlands, TX
Tailgate Sponsor.....	\$2,500.00
Dinner Sponsor.....	77380 \$2,000.00
Beverage Sponsor.....	\$1,600.00
Golf Ball Logo Sponsor.....	\$1,300.00
Lunch Sponsor.....	\$1,300.00
Snack Sponsor.....	\$1,000.00
Gift Bag Sponsor.....	\$1,000.00
Raffle Sponsor.....	\$800.00
Koozie Sponsor.....	\$800.00
Cigar Sponsor.....	\$800.00
Tiger Hole Sponsor.....	\$600.00
Closest to the Pin Sponsor....	\$600.00
Longest Drive Sponsor.....	\$600.00
Putting Contest Sponsor.....	\$600.00
Tee Box Sponsor.....	\$300.00

****Sponsorship opportunities**

(More details at the ASHRAE Houston Website)

Includes alcoholic and non-alcoholic beverages, lunch, and dinner. \$5 raffle tickets available for raffle prizes. Awards for 1st, 2nd, and 3rd place will be presented. Golf carts included with registration. For questions, call, text or email Heather Camden at camden@eceng.com, (713)305-5479.

ANNUAL SPONSORSHIP

2024-2025 ASHRAE ANNUAL SPONSORSHIP OPPORTUNITIES:

PLATINUM

\$12,000

Signage at each event as a Platinum Sponsor and ASHRAE Partner

Recognition on the ASHRAE Houston website & Recognition as a platinum sponsor in each Hot Air Recorder with a link to your website

(1) LinkedIn campaign for a product of your choosing

ASHRAE Partner recognition at the annual conference

Clay Shoot—One team of

One team (of 4), Tent Sponsor, and hole sponsor signage at both tournaments

Admission for 4 to the Past President night

Initial buy-in for 6 at the poker and blackjack tournaments

One team of 2 and 4 spectators at the Pickleball Tournament

[CONTRIBUTE NOW](#)

GOLD

\$9,000

Signage at each event as a Gold Sponsor

Recognition on ASHRAE Houston website as a Gold Sponsor

(1) LinkedIn campaign for a product of your choosing

Clay Shoot—One team of 4

One team (of 4) + Hole sponsor signage at both Golf

Admission for two (2) to the

SILVER

\$6,000

Signage at each event as a Silver Sponsor

Recognition on the ASHRAE Houston website as a silver sponsor

Clay Shoot—One team of 4

One team (of 4) + Hole sponsor signage at both Golf Tournaments

Admission for two (2) to the

BRONZE

\$3,000

Signage at each event as a Bronze Sponsor

Recognition on the ASHRAE Houston website as a bronze sponsor

Two players at the Fall or Spring golf Tournament + Hole sponsor signage at both Golf Tournaments

Admission for two (2) to the

for 2 at the blackjack tournaments

two and four the Pickleball tournament

[CONTRIBUTE NOW](#)

ENGINEERS FOR ASHRAE

\$1,500

Available only to consulting engineering firms

Signage at each event as an Engineer for ASHRAE

(1) LinkedIn campaign for your firm

Recognition on the ASHRAE Houston website as an Engineer for ASHRAE

Free job opening postings on the ASHRAE Houston website and HAR

Hole sponsor signage at both golf tournaments

Admission for two (2) to the Past President night

Initial buy-in for 2 at the poker and blackjack tournaments

One team of two and four spectators at the Pickleball Tournament

[CONTRIBUTE NOW](#)



~~Available Now~~



Available Now

AUG
SEPT
OCT
NOV
DEC

Tabletop Sponsorship

\$600



AVAILABLE NOW

JAN
FEB
MAR
APR
MAY

Available Now

Available Now

Available Now


Available Now

Available Now

MEMBERSHIP

Five Benefit Options Available.

Full Members and Associates can now select **1** of the following options:

 <p>eLearning Course</p> <p>150+ to choose from</p>	 <p>ASHRAE Standard or Guideline</p> <p>100+ to choose from</p>	 <p>ASHRAE Handbook</p> <p>PDF version of the most recent</p>	 <p>Handbook Online</p> <p>4 most recent</p>	 <p>ASHRAE Certification Exam Study Guide</p> <p>3 to choose from</p>
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Please welcome our NEW members:

Antonio Gonzales, Ahmed Almttaary, Jacob Talash, Rey Chapa, Sakir Mert, Nathan Davis, Lance Wasson, Harry Franz, Valerie Dewalt, Todd Howard, William Lofstrom, Sean Green, Eric Granhaug, Thomas Hergot

Join or renew through www.ashrae.org/home
if you have any questions, contact membership@ashraehouston.org

TREASURER



2024-2025 Treasurer: Tim Navarro



Chapter is in good
financial standing



Books are being
transferred from
Heather Camden to
Tim Navarro



2022 taxes filed

YEA NETWORKING

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YEA Leadership Weekend
1.0

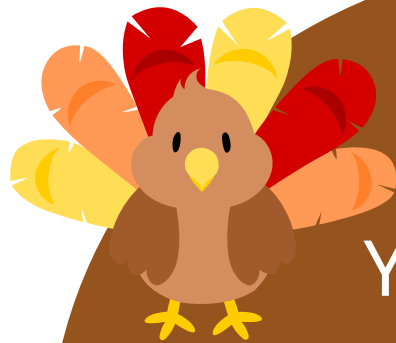
[LEARN MORE](#)

**YEA Leadership
Weekend!**

Nov. 8-10, 2024

[CLICK HERE](#) to Register!!

[YEA Participation Survey \(2024-2025\)](#)



Please Join Us for
YEA Happy Hour

Thursday, November 21st!

Location TBA and Sponsor Needed
Please contact Pablo at pablo.marin@engineeredair.com



Thank you
Alliant Group!!

October YEA
Happy Hour Highlights!

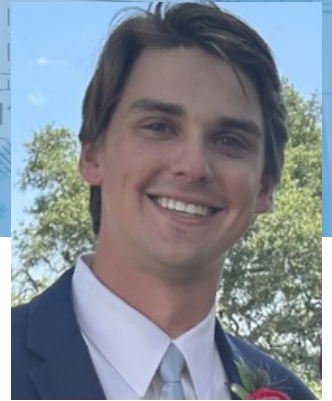
2024-2025 YEA Chair
pablo.marin@engineeredair.com

[YEA Sponsors \(2024-2025\)](#)

STUDENT ACTIVITIES

Meet the Team!

Andrew Mitchell



I am Andrew Mitchell, and this month I have the pleasure of introducing myself to this community.

Growing up in Austin Texas, I enjoyed several sporting activities, but mainly baseball and football. This gave me an early appreciation for coming indoors on a hot day to an airconditioned space. My current position is at Johnson Controls as an HVAC Commercial Owner Direct Salesperson. As someone who walks through existing buildings, I see the corners that were cut to get a system up and running and the financial implications for a building owner. Through ASHRAE, I can share my passion for this industry and raise awareness of best design practices. As part of the Texas A&M Industrial Distribution class of 2022, I learned the value of problem-solving and value engineering. I bring this approach to my customers such as Shell, Landy's, and Alcon daily to find cost-effective solutions that can stand the test of time. While all of HVAC requires experience and design capabilities, my focus is tackling building automation controls and indoor air quality. I am excited to work this year with K-12 and undergraduate programs as a Student Activities Chairman

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Hig School Design Project

S.T.E.M Programs around the Greater Houston area are gearing up to participate. Any member of ASHRAE who would like to volunteer to help students prepare to complete VIPS training and background checks please reach out to Andrew Mitchell

Undergrad Program Equipment Grant

Applications require:

1. Total budget for the trip.
2. ASHRAE membership ID
3. History of involvement

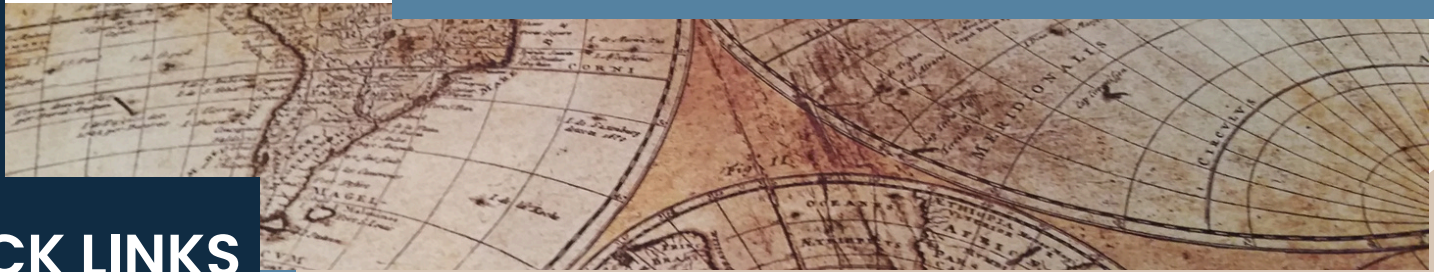
Due Dec. 15th

Start Applying **NOW!!**

Due Dec. 1st

1. President's Scholarship
2. Engineering Technology Scholarships
3. Undergraduate Engineering Scholarships
4. University-Specific Scholarships
5. ASHRAE Society Chapter Scholarships
5. Regional Scholarships

HOUSTON HISTORY



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Historical Committee

by Bruce Flaniken Chapter Historical Committee Chair

Did you ever wonder who made artificial ice, i.e. the start of Refrigeration?

Did you ever wonder what economic events created the Artificial Ice Industry?

Did you ever wonder when artificial ice was first produced?

Did you ever wonder where commercial artificial ice was introduced?

Did you ever wonder why artificial ice was developed?

Did you ever wonder why ice was harvested in the North, shipped on a clipper sailing ship to Galveston, Texas & Port Lavaca on the Gulf of Mexico and transported inland by rail for what the market would bear?

At the time in 1865 ice cost approximately \$0.10 per pound to produce artificially.

Did you ever wonder How did the Houston Chapter come to be?

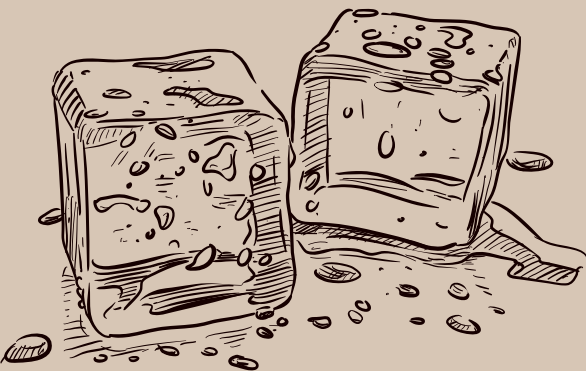
All interesting questions!

ASHRAE Houston Website's Historical Archive Repository has **Answers**.

Duh! Natural ice has been with us forever, it is generated by the weather generally in more northerly climates or at higher altitudes. Ice is liquid water with a lot of internal heat removed. It can be created by lowering the ambient temperature below 32° F for a specific period of time depending on a lot of factors. It can be created at higher temperatures if the atmospheric pressure is reduced to allow the water to boil at a lower temperature than room temperature.

The latent heat of water freezing to ice is **144 BTUH/Pound of water** (one ton of cooling= 12,000 BTUH = 83.33 pounds of ice being converted from ice to water at 32°F). Water at 100 °F requires = 68.1 BTUH/pound to get to 32°F. The heat removed from water at 100°F; it is still a significant number. A pound of ice converted to water at 100°F is 144 BTUH/Pound + 68.1 BTUH/pound = **212.1 BTUH/pound of water at 32°F to get the water to ambient of 100°F for summertime in Houston, Texas. Converted to KW it equals 0.0621 KiloWatts of power/pound of ice which at \$16.7 cents per KWH = \$0.0104/per pound of ice.** Consider: I paid \$2.50 for 10 pounds of ice at the grocer's last night and that is \$.25/pound for ice. Ice sold for approximately \$0.10/pound in 1865 which is equivalent to \$1.93/Pound in 1865 dollars .

The Houston Chapter of ASHRAE was Chartered by Dr. F. E. Giesecke from Texas A&M in 1937 along with Reg. F. Taylor, P. N. Vinther and eight other intrepid souls. It was called the Texas Chapter of ASHVE, imagine that! First meeting was probably in College Station. Engineers from Dallas and Houston were part of the founders group.



WOMEN & DIVERSITY IN ASHRAE

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WOMEN IN ASHRAE



THE FEMALE PERSPECTIVE: WOMEN IN STEM LEADERSHIP

Last month, we held our first WiA event for the 2024-2025 season! Our phenomenal panelist shared their unique experiences and advice for navigating traditionally male industries. From their educational pathways to their professional careers, it was amazing and inspiring to hear their stories of perseverance and their refusal to accept the status quo. The sense of community and support was palpable, and we are so grateful for the opportunity to bring together so many outstanding individuals from across our industry.

Thank you so much to our amazing speakers, and to all our attendees for making our first event a spectacular success!



OUR PANELIST TEAM!

Speakers

Lisa A. Osborne, PE, LEED-AP

Christy Troutman, PE

Dr. Linda Lee

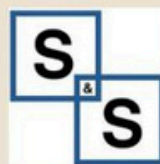
Dr. Katja Auer

Moderator

Rachel Haines

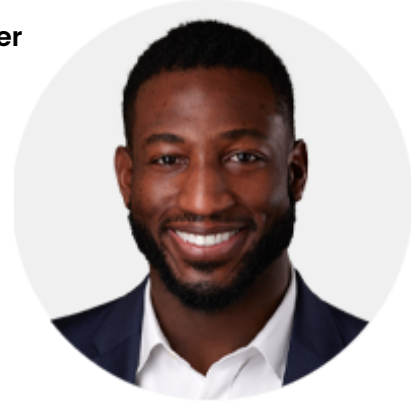


OUR EVENT SPONSORS!



GOVERNMENT AFFAIRS

**Texas Leads the Nation in Solar Energy Growth,
with Houston at the Forefront**
By Tobi Showunmi, alliantgroup / ASHRAE Houston member



Texas has emerged as a powerhouse in solar energy production, outpacing traditional energy sources and attracting significant investment. A recent Greater Houston Partnership report highlights this groundbreaking achievement, solar generation recently surpassed coal-fired power plants in supplying electricity to the Texas power grid, contributing 3.26 million megawatt-hours (MWh).

The Lone Star State installed over 6,500 megawatts of solar generation in 2023, leading the nation for the second consecutive year. This trend is expected to continue, with Texas projected to account for 35% of new utility-scale solar capacity in 2024. Houston, as a key player in the global energy transition, has been securing major solar projects. Recent federal grants totaling over \$400 million have been awarded to Houston-area organizations to enhance solar access in low-income communities and educational institutions.

The region has also attracted significant private investment. TotalEnergies recently began operations at its Myrtle Solar farm south of Houston, capable of powering 70,000 homes. Other projects include Elin Energy's solar panel manufacturing facility in Waller County and SEG Solar's PV module plant in Harris County. These developments underscore Texas's and Houston's commitment to renewable energy, positioning the region as a leader in the solar industry and contributing to a more sustainable energy future.

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*For more
Information*

Visit www.climateweekhouston.com.
Engineers interested in contributing to the energy transition are also encouraged to learn more about Allies in Energy at www.alliesinenergy.org.

JOB OPPORTUNITIES



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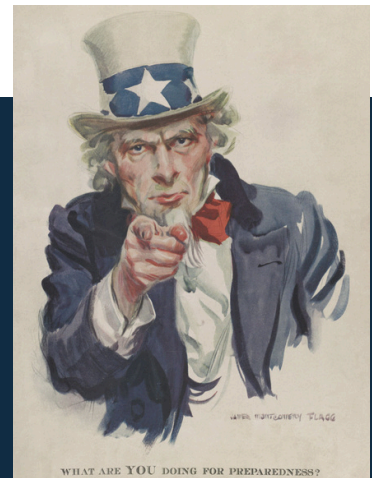
Need Job Awareness?

ASHRAE Houston Chapter wants to help you share the opportunities that arise within our industry and the best way to do that is through promotion in the community.

If your company has any jobs openings in the Houston area that you would like to be promoted on our monthly Newsletter please email me (Kendall Zolman) at Kendallz@unifyes.com and I will highlight **THREE** lucky winners to get free , that's right... **FREE** job opening promotion directly to those in the industry!!!



[CLICK HERE](#)
to check out the
Society's National
Job Board!!



WHAT IS A FELLOW?



College of Fellows

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VIRTUAL FELLOWSHIP MEETING

Moving forward, we will hold our meetings on the **3rd Wednesday of each month at 2 PM**, instead of twice a month.

If you are interested in joining these monthly meetings, you are more than welcome to attend.

Please reach out to Alan Neely at alan.neely@owenscorning.com to be added to the distribution list.

Thank you for your attention, and we look forward to your participation.

THIS MONTH'S MEETING

11.20.24

During these meetings, we will ensure that candidates' credentials are in order and help you craft your story to align with what the ASHRAE Fellow Committee seeks in terms of Technical Innovation or Technical Contributions.

Have you ever wished you could go back in time to seize an opportunity before it slips away?
Now is your chance to avoid that regret!

We invite you to attend our Fellowship program!

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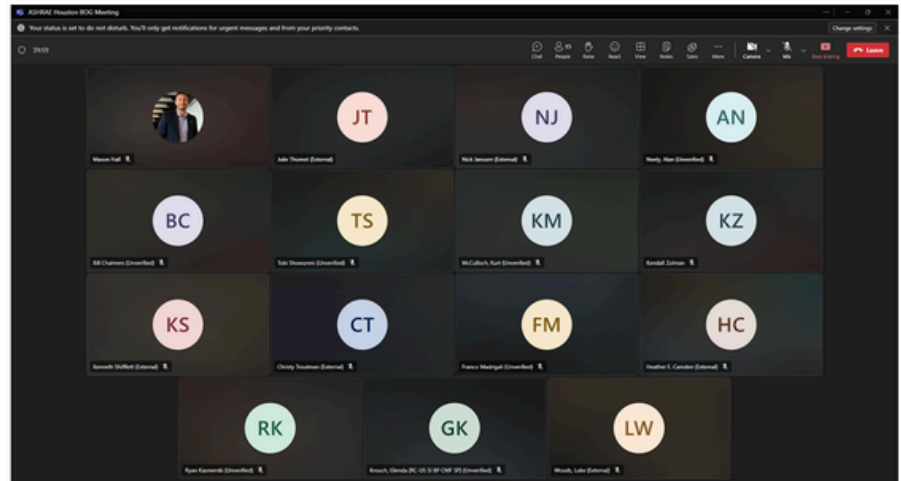
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Houston ASHRAE Chapter October BOG Meeting – October 7th, 2024

- I. Call to Order at:
a. Meeting Attendees:



- II. Approve the September Planning Meeting Minutes
a. Kurt – Motion to Approve
b. Nick – Second
c. Approve: 7-0-1
- III. Committee Updates
a. Programs Team
i. CTTC
a. Great job updating your RVC!
b. MBO's- Any updates?
a. Partner with at least one other organization.
i. Any update on partnering with AGC?
1. That's the plan for Nov meeting - Ethics
b. Partner with at least three other committee within the chapter
i. Partnered with GAC in August
c. Increase engineer attendance by 10%
i. Tending in the right direction
d. Partner with another chapter for a meeting
i. No
e. Collaborate with YEA to encourage the engineer who designed a recent project that they tour to submit for a technology award
c. PAOE Points- Any Updates?

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- a. [RVC meeting. Send Mason & Copy Kimberly and Julie what you are earning.](#)
- d. [Miscellaneous updates/requests for other volunteers](#)
 - a. [Send Nick updates and announcements for the Chapter Meeting prior to Thursday.](#)
 - b. [Nick will not be at Nov chapter meeting. Julie will cover for Nick.](#)
 - c. [Julie will do announcements at the end of the Chapter Meeting. Save some for the end, she will send some to Nick to speak on at the beginning.](#)
 - d. [Send email reminders for events often and early.](#)

b. Stakeholder Team

i. Research Promotion

- a. [Did you reach out to your RVC in the last 2 weeks?](#)
- b. [MBO's- Any Updates?](#)
 - a. [Two additional events to the four staple events.](#)
 - i. [Blackjack and Pickleball Tournaments](#)
 - b. [Collaborate with YEA and/or WIA/DEI for an RP event](#)
 - i. [Pickleball Tournament – Will be coordinating with YEA/WIA/DEI groups](#)
 - c. [One additional event sponsor OR one more team for each event](#)
 - d. [Not going to advertise events to promote research promotion, so we can get money over to chapter operations to support membership.](#)
 - i. [72% going towards society](#)
 - e. [Make 50% of Research Promotion contributions endowed](#)
 - i. [In progress, will be done in June](#)
- c. [PAOE Points- Any updates?](#)
 - a. [Who all has contributed to Full Circle? Kurt, Bill, Julie, Heather, Kimberly, Keith, Alan, and Catherine contributed at the last meeting. Deadline is 11/15](#)
 - i. [Mason, Tim, Nick, Ken – Need to sponsor](#)
 - ii. [Chair positions are highly encouraged to donate for the chapter to receive Full Circle +](#)

d. Miscellaneous updates/requests for other volunteers

- a. [Order and receive sponsorship signs by Poker Tournament](#)

ii. Young Engineers in ASHRAE

- a. [Did you reach out to your RVC in the last 2 weeks?](#)
 - a. [Yes](#)
- b. [MBO's- Any Updates?](#)
 - a. [Increase the YEA membership by 5%](#)
 - i. [99 to 101](#)

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- b. Encourage chapter YEA participation for society level YEA events
 - c. Want to host 12 events this year
 - i. 4 social events held jointly with other industry industries
 - 1. [Aiming for November to do a joint Happy Hour with ABC](#)
 - ii. 2 learning style events (technical tours, etc.)
 - 1. October will be learning style
 - iii. 5 general happy hours
 - 1. 3/5 completed
 - iv. 1 big annual happy hour (BIG)
 - c. PAOE Points- Any Updates?
 - a. [No updates](#)
 - d. Miscellaneous updates/requests for other volunteers
 - a. [YEA Volleyball league?](#)
- iii. Women/Diversity in ASHRAE
 - a. Did you reach out to your RVC in the last 2 weeks?
 - a. [Yes, this past week with updated PAOE](#)
 - b. MBO's- Any Updates?
 - a. Increase membership by 10%
 - b. Hold three events this year
 - i. Panel Discussion – Oct 23rd – Page Office
 - 1. [Open for registration](#)
 - 2. [Focus for this month](#)
 - ii. Technical Tour in April? Central Plant at IAH?
 - iii. Women in Engineering Week February- Cy-Fair Visit
 - 1. [February 19th](#)
 - 2. [Coordinate with Student Activities](#)
 - c. Work with government affairs to get support from the mayor on women in engineering for engineers week in February
 - d. Highlight and engage women in engineering (collaborate with other committee members to encourage)
 - e. Partner up with other committees to fundraise to cover a women's golf team
 - i. [Spring Golf Tournament](#)
- c. PAOE Points- Any Updates?
 - a. [Christy is having access issues](#)
- d. Miscellaneous updates/requests for other volunteers
 - a. [Ken connected Christy with Alex from the City of Houston](#)
- c. Operations Team
 - i. Government Affairs

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- a. Did you reach out to your RVC in the last 2 weeks?
 - a. [Yes. Prelim discussions for Day on the Hill.](#)
 - b. MBO's- Any Updates?
 - a. One chapter meeting related to government affairs- **complete!**
 - b. Day on the hill event in early March
 - c. Engineering week is in February
 - d. Submit Keith for a society level award
 - i. [Follow up with Keith](#)
 - c. PAOE Points- Any Updates?
 - a. [Waiting on RVC to respond to Ken's emails](#)
 - d. Miscellaneous updates/requests for other volunteers
 - a. Update on when code planning with CoH will be?
 - i. [City is talking about the com check process instead of code planning](#)
- ii. Historian
- a. Great job updating your RVC!
 - b. MBO's- Any Updates?
 - a. Collaborate with WiA/DEI, student activities, and YEA on doing bio's within their groups with significant historical context
 - b. Digitizing records for the historical archive
 - c. Update the chapter history
 - d. Historical update for CRC in April- **COMPLETE!**
 - e. Update chapter timeline
 - f. Update past president powerpoint
 - g. Invite all the life members to the past president's night
 - h. Write newsletter articles and post in social media monthly
 - i. Have a historical component for WiA/DEI, YEA, Student Activity programming
 - j. Leadership recall interviews
 - c. PAOE Points- Any Updates?
 - a. [Julie to reach out to add PAOE points](#)
 - d. Miscellaneous updates/requests for other volunteers
- d. Nuts & Bolts Team
- i. Treasurer
 - a. Did you reach out to your RVC in the last 2 weeks?
 - b. MBO's- Any Updates?
 - c. PAOE Points- Any Updates?
 - d. Miscellaneous updates/requests for other volunteers
 - ii. Communications
 - a. Did you reach out to your RVC in the last 2 weeks?
 - a. [Yes they did!](#)

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- b. MBO's- Any Updates?
 - a. Win best newsletter in the region award
 - b. Send out newsletter Friday before each meeting
 - i. [Please send Kendall newsletter a week in advance. Prior to the first of the month. Send in by the 25th of October. Newsletter will be sent out on Nov 1st](#)
 - c. Create job opportunities page on newsletter
 - d. Meet PAR for PAOE points
 - e. Get/take photos from every event to use on site/social media
 - f. Update the website templates
 - i. Membership Promotion and RP/Special Events- did you finalize these with Rachel?
 - g. Try to get four posts from people over 50 years or older to tag ASHRAE Houston
 - i. Two posts by Catherine Tinkler and Mark Jumper for July Planning meeting. Any more?
- c. PAOE Points- Any Updates?
 - a. [Sent to Mason. He will update here.](#)
- d. Miscellaneous updates/requests for other volunteers
 - a. Have we finished HAR archive? Looks like we're missing some (May 21, August through December 21, January through May 22, December 22, August through December 23, January through May 24)
 - b. Ken has SPF record that needs to be updated. If the email host doesn't have an updated record then emails get flagged. Will talk more offline.
 - c. Please take pictures at events
- e. Engagement Team
 - i. Membership Promotion
 - a. Did you reach out to your RVC in the last 2 weeks?
 - i. [No](#)
 - b. Did you set up a goal setting meeting with Ron?
 - i. [No. Issues getting a hold of Ron. Reach out to Keith \(RMCR\). Joe Sanders \(DRC\)](#)
 - b. MBO's- Any Updates?
 - a. Three membership promotion events
 - i. Collaborate with other committees (YEA, WIA/DEI, Student Activities, etc.)
 - b. Encourage all volunteers to do visits to employers to encourage membership in ASHRAE
 - c. Target 1-2 MEP firms a month to talk about their ASHRAE involvement, and see what financial commitment they're implementing to support ASHRAE membership
 - i. [Got a presentation made](#)

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- d. Stay on top of delinquencies monthly- reach out to delinquent members
- e. Provide newsletter articles monthly
- c. PAOE Points- Any Updates?
 - a. [No updates](#)
- d. Miscellaneous updates/requests for other volunteers
 - a. Have we coordinated creating a payment link for chapter dues on our website? Reached out to those who haven't paid chapter dues?
 - b. Any leads on more committee members?
 - c. Recognizing firms with multiple ASHRAE Members and which employers are paying employee dues
- ii. Student Activities
 - a. Did you reach out to your RVC in the last 2 weeks?
 - a. [Yes. Meeting on October 17th](#)
 - b. MBO's- Any Updates?
 - a. Double higher education student branches (from 2 to 4)
 - i. [Reid is working on it](#)
 - b. Host two technical tours
 - i. [HCC and TAMU plants](#)
 - c. Cohost two student branch activities
 - i. Collaborate with YEA, WIA/DEI, etc.
 - d. Participate in high school/higher ed design competitions
 - i. [High school is participating 90 students, groups of 5.](#)
 - ii. [Andrew is going to the school to meet with the students](#)
 - e. Work with CTTC to have students come present on their design competition at a chapter meetings
 - f. Encourage students to sign up as student members, and get recent grads to sign up for associate members
 - g. Work with communications to get job opportunities over to students and recent grads
 - h. Houston community college job fair (get with Nick)
 - i. [Andrew to get the ball rolling. Secure a spot is important then getting participants.](#)
 - i. Collaborate with RP to add one more Scholarship Endowment
- c. PAOE Points- Any Updates?
 - a. Did you email Mason last month's PAOE points?
 - i. [TBD after meeting with RVC](#)
- d. Miscellaneous updates/requests for other volunteers
 - a. Was contact made with YEA and DEI?

IV. Old Business Updates:

- a. Any update on the taxes that are due in October?

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- i. [Taxes are not complete. Tim has everything he needs. Julie/Heather to follow up with Tim.](#)
 - b. Reporting Forms
 - i. Once again has been put on the backburner as I assist with other committees. Still working on getting this done.
 - c. Everyone have access to the Annual Outlook Calendar?
 - d. Old committee action items to continue working on:
 - i. Tim/Mason: Please research high yield savings account options so we can vote to set this up and implement it. We will try to vote on this next meeting.
 - ii. Reminder to send Kendall job opportunities. Next HAR is due 10/25
 - iii. Announcements for the Chapter Meeting Slide Deck.
- V. New Business to Work on Prior to Next BOG:
 - a. New Committee Action Items
- VI. Meeting closed: [4:34](#)

ROSTER

2024 – 2025 Houston Chapter Roster

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First	Last	Position	Email
Officers			
Julie	Thomet	Chapter President	juliet@mjec.com
Nick	Janssen	Chapter President Elect	nick.janssen@texasairsystems.com
Nick	Janssen	Chapter Technology Transfer Chair	nick.janssen@texasairsystems.com
Nick	Janssen	Chapter Delegate	nick.janssen@texasairsystems.com
Heather	Camden	Chapter Vice President	camden@eceng.com
Heather	Camden	Chapter Research Promotion Chair	camden@eceng.com
Heather	Camden	Chapter Alternate	camden@eceng.com
Tim	Navarro	Chapter Treasurer	tim.navarro@carrier.com
Mason	Hall	Chapter Secretary	mhall@unifyes.com
Mason	Hall	Chapter Finance Committee	mhall@unifyes.com
BOG			
William	Chalmers	Chapter Board of Governors	billchalmers@windstream.net
Kurt	McCulloch	Chapter Board of Governors	kmcculloch@convergentz.com
Kenneth	Shifflett	Chapter Board of Governors	kshifflett@distribaire.com
Kimberly	Thompson	Chapter Board of Governors	kmt_ashrae@yahoo.com
Catherine	Tinkler	Chapter Board of Governors	Ctinkler@pagethink.com
Committees			
Luke	Woods	Chapter Membership Promotion Chair	luke.woods@tdindustries.com
Jeffrey	Hunter	Chapter Membership Promotion Co-Chair	jeff.hunter@carrier.com
James	Jumper	Chapter Membership Promotion Co-Chair	mark.jumper@knaufinsulation.com
Kenneth	Shifflett	Chapter Government Affairs Chair	kshifflett@distribaire.com
Keith	Reihl	Chapter Government Affairs Co-Chair	reihl@swbell.net
Nick	Janssen	Chapter Government Affairs Committee	nick.janssen@texasairsystems.com
Franco	Madrigali	Chapter YE A Chair	franco.madrigali@jci.com
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Jacob	Busch	Chapter YE A Co-Chair	jacob.busch@carrier.com
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David	Edward	Chapter Student Activities Co-Chair	david.edward@abgi-usa.com
Andrew	Mitchell	Chapter Student Activities Co-Chair	andrew.2.mitchell@jci.com
Bruce	Flaniken	Chapter Historian	BLFlaniken@houstonmethodist.org
Chad	Stevens	Chapter Historian	chads@recohvac.com
Stephen	Redding	Chapter Historical Committee Member	sreddingpe@gmail.com
Ian	Taxman	Chapter Historical Committee Member	iant@mjec.com
Rachel	Haines	Chapter Communications Chair	rachel@sshvac.com
Rachel	Haines	Chapter Webmaster	rachel@sshvac.com
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Robert	Neely	Chapter Honors and Awards	alan.neely@owenscorning.com
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Lady	Prince	Chapter Special Events Committee	ladyp@recohvac.com
Justin	Scantlan	Chapter Special Events Committee	justin.scantlan@Jacobs.com
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