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ASHRAE Houston Chapter's

THE HOT AIR RECORDER

80th Volume No. 2

September

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ASHRAE SPORTING CLAY TOURNAMENT

Join ASHRAE Houston for the 9th Annual Sporting Clay Tournament held at the Greater Houston Gun Club on September 5th starting at 1PM. Register **here** today!

SEPTEMBER CHAPTER MEETING

Join ASHRAE Houston at Dukessa Event Center as we welcome Danny Rice, President at Colliers Houston, to speak on the Houston commercial real estate market!

Location: Dukessa Event Center
2840 Chimney Rock Road, Houston, TX 77056
https://www.dukessahouston.com/

YEA HAPPY HOUR– Sept. 21st, Sponsor Needed

2023-2024 HOUSTON ASHRAE OFFICERS



ASHRAE®

SEASON PASS

8 Regular Chapter Meetings

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Click here to get your 2023-2024 Season Pass!







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IN MEMORIAM



Henry C. "Hank" Fry

Henry C. "Hank" Fry has been a member of the American Society of Heating, Refrigeration and Air-Conditioning Engineers, Inc. (ASHRAE) for over 50 years, and has received the award of Life Member. In 2002 and 2003, he also received the prestigious award for Continuous Distinguished Service.

Other contributions of **Henry C. "Hank" Fry's** time and effort to the ASHRAE organization have included Hot Air Recorder Editor of the local newsletter, he also held an At-Large Board of Governors position and was the ASHRAE local chaplain for 24 years. **Henry C. "Hank" Fry's** years of service to ASHRAE, coupled with his family values and military service are the reasons he is being honored by ASHRAE.

The City of Houston salutes and commends **Henry C. "Hank" Fry** for his outstanding contributions to ASHRAE and the community, and extends best wishes for many more years of continued success.

Therefore, I, Bill White, Mayor of the City of Houston, hereby proclaim January 25, 2005, as

Henry C. "Hank" Fry Day

in Houston, Texas.

In Witness Whereof, I have hereunto set my hand and have caused the Official Seal of the City of Houston to be affixed this 20th day of January, 2005, A.D.

Bill White

Bill White

A SALUTE TO OUR FALLEN HERO

HENRY C. "Hank" Fry

It is with heavy hearts that we share the passing of Hank Fry (Henry C Fry). Hank passed peacefully in his sleep on Friday, August 18th, 2023. He was 91. Many will remember Frank when he served ASHRAE Houston for decades as the chapter Chaplain, Historian, and Assistant Historian. He was appointed as Honorary Chapter President in 2007 after his many years of service.

Hank was a proud veteran of the Korean War and a great friend to many within the Houston MEP community. He worked for Armstrong World Industries, Willbanks & Associates, and Oslin Nation. He will be missed.



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9th ANNUAL SPORTING CLAY TOURNAMENT

HOUSTON ASHRAE FALL RESEARCH PROMOTION FUNDRAISING EVENT



9th Annual Sporting Clay Tournament

Benefiting ASHRAE Research Promotion

Tournament Info

Tuesday September 5th 2023

Greater Houston Sports Club
6700 McHard Rd
Houston TX 77053

Registration & Flurry: 1:00 PM
Safety Meeting: 2:30 PM
Tournament Start Time: 2:45 PM
Dinner & Awards: 5:00 PM– 6:30 PM

Team of 4: $1,000.00

Included:
72 Targets, Ammunition, Carts, Glasses, Ear Protection, Dinner, & Drinks (after shooting)

Optional Add Ons:
Mulligans, Flurries, and Raffle Tickets.

Sponsorship Opportunities

Dinner: $2,500.00
Spirits: $2,000.00
Raffle: $750.00
Flurry: $750.00
Cigars: $750.00
Awards: $500.00
Beverages & Snacks: $500.00
Station: $350.00

Sponsorship signage appropriate for each sponsorship level will be displayed at the tournament & will be recognized during awards.

DON'T MISS OUT!



ASHRAE IS LOOKING FOR SPONSORS!

Get your company recognized today by becoming a SPONSOR

REGISTER HERE

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PRESIDENT'S MESSAGE

The temperature outside definitely signals it is NOT January, however, the start of new cycles whether it is school, the NFL draft and college football, or the ASHRAE term leads us to think about resolutions and how we can improve our work habits, personal goals, or even work-life balance. September signals new educational starts for many students, teachers, professors, and academic staff, but for many in our industry it also signals surviving the mad rush to complete the "summer slam" season. Projects that have been months in planning, design, and execution have reached startup, commissioning, and client acceptance. Is not ever really over, because that next project is right around the corner.

A couple of past/future items to note…

- This month we were notified about the award of two society scholarships to Houston recipients
- We had record turnout for our August chapter meeting at our new venue
- YEA hosted a Happy Hour networking event
- We have been asked to talk to 120 architectural engineering majors at TAMU about the "Benefits of ASHRAE Membership"
- **We have our 9th annual clay shoot on Tuesday the 5th.**

So, in the spirit of "new starts" let's all reconnect, engage, and make it a point to …

1) Join ASHRAE Houston on the **2nd Thursday of each month for our monthly meeting.** Sign up here.

2) Participate in Research Promotion activities like golf and clay shoots. **Reserve a Team here.**

3) Introduce others to #myASHRAE by connecting to the Houston Chapter on LinkedIn and other socials.



Catherine Tinkler
Houston ASHRAE President
2023-2024

P.S. – Did you know that September 22nd is National Elephant Appreciation Day?!? Gosh, look at all the cool stuff you can learn in the HAR.

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THIS MONTH'S MEETING

GET TO KNOW THE SPEAKER:

DANNY RICE, PRESIDENT



President | Houston

danny.rice@colliers.com
Main: +1 713 830 2111
Direct: +1 713 830 2134
Mobile: +1 407 562 8094

colliers.com

1233 West Loop South
Suite 900
Houston, TX 77027

Danny Rice

Education & Qualifications

Degree in Management/ Entrepreneurship, University of Central Florida (UCF)

Real Estate Sales Associate License, Florida

Real Estate Broker License, Florida

Affiliations & Memberships

NAIOP

ICSC

Area of Expertise

Danny joined Colliers Houston in July 2023 as President of the firm's brokerage operations which includes over 120 brokers, marketing and administrative staff. With over 17 years of experience in the commercial real estate industry, Danny has been involved in many facets of the business including brokerage, marketing, research, technology, management and operations. As Colliers and the Houston market continues to expand, Danny's focus is to develop, recruit and assist the top brokers in the market and provide their clients with a high-level of service.

Prior to relocating to Houston in 2023, Danny was the Executive Managing Director & Market Leader for over five years for the Central & West Florida markets at Colliers, which encompass the metropolitan areas of Orlando, Tampa, Clearwater, Sarasota, Ft Myers and Naples. While in Florida, Danny managed a team of over 145 professionals that focused on the leasing and sales of all property types, including Office, Medical, Industrial, Retail, Multifamily, Land, and Debt/ Equity Mortgage Banking as well as niche services including Student Housing, Seniors Housing, Marinas, Golf Courses, and Hotels/Hospitality.

Professional Accomplishments

- Orlando Business Journal's 40 under 40 (2022)
- Top Workplaces in Orlando, Orlando Sentinel (2020, 2021, 2022 & 2023)

Business and educational background

From 2014 to 2018, Danny worked at Xceligent, one of the leading providers of commercial real estate information and research. Throughout Danny's tenure at Xceligent, he grew from a local Sales Rep in Florida to quickly becoming Regional Vice President of Sales for the Florida markets and then Executive Vice President of National Accounts before becoming Chief Revenue Officer. Danny oversaw a team of nine regional VP's, 60+ outside sales reps, 20+ inside sales reps and 20+ customer success and marketing professionals. He was also heavily involved in product and development efforts within the organization.

Danny's career started at Colliers within the Orlando office where he began as an intern for the research department before becoming the GIS/Research & Technology Administrator as well as various other roles before becoming an Office broker specializing in landlord and tenant representation throughout the greater Orlando market.

Community Involvement

Danny has been involved in numerous community organizations, including Livestrong, Stand Up To Cancer and Feeding America, raising a few thousand dollars towards those charities and is also actively involved in the local youth sports leagues as an assistant coach.

TOPIC

HOUSTON ECONOMIC OUTLOOK

State of the Houston Commercial Real Estate market, from occupier and tenant activity to investment and construction trends. Danny Rice, President with Colliers Houston is going to highlight all the major asset types including Office, Industrial, Retail and Multi-family along with various economic indicators impacting the local Houston market.

SEASON PASSES TO ALL CHAPTER MEETINGS!!!

This year we are also offering a Season Pass ticket to 8 ASHRAE Houston Chapter meetings for chapter members. **Save $65 on chapter meetings today!** You will still need to register for each meeting and pay $0!

If you're interested in this reduced rate, one time purchase please buy a SEASON PASS HERE prior to registering for this meeting.

MEMBER

$32.00 Earlybird rate before September 7th
$35.00 Member Luncheon Ticket
$40.00 After 12:00 pm on September 13th

NON-MEMBER

$42.00 Earlybird rate before September 7th
$45.00 Non-Members Luncheon Ticket
$50.00 After 12:00 pm on September 13th

CLICK HERE TO REGISTER

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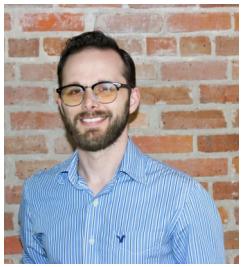
LAST MONTH'S MEETING

GET TO KNOW THE SPEAKERS:
CITY OF HOUSTON OFFICALS



Carlos Rubiano

Carlos has a Bachelor of Science in Civil Engineering from the Colombian School of Engineering located in Bogota Colombia. After finishing his degree in 2004, he worked for a structural consulting firm in Bogota that designs structural plans for residential and commercial projects in Los Angeles, California. In 2006 he moved to Bay Harbor Islands, FL and worked with a Design-Built company that specializes in hospitality industry designing nightclub restaurants and hotels. He then moved to Houston in 2014 to work for the Houston Permitting Center as a Senior Plan Analyst reviewing Structural, Engineering and Fire Protection disciplines for heavy commercial projects. In 2020 he was promoted to work for the Building Official in the Customer Assistance and Code Development group.



Heath Wierck

Heath is a graduate of Sam Houston State University with a degree in English and History. He has worked in Building Code Enforcement for 9 years, spending two years with the Plan Review department before moving to work for the Building Official in the Customer Assistance and Code Development group. Heath specializes in code development and has worked on the last three Houston code adoptions, and is heavily involved with the Texas Legislature to analyze and review bills for their impact to both Houston and the state. He is a member of the International Code Council's Major Jurisdiction Committee (MJC) and stays active in ICC's code development to help Houston with any future code updates/ changes.



Steve Stelzer

Steven M. Stelzer has a Bachelor of Science in Architecture from Ohio State University and a Master of Business Administration from the University of Houston. Steve has over 30 years of diverse architectural firm experience in Houston with a focus in construction administration most recently Heights Venture Architects. As Program Director of the Green Building Resource Center, Steve offers green building strategies for plans brought in by the public, develops and maintains green strategy displays, coordinates green building tours, and facilitates educational programs. Steve reviews plans for cost-effective green options that create a healthier living environment, reduce wasted material, and save money. Steve is focused on making Houston a greener place to live and work. He is currently president of the Citizens Environment Coalition. He has also served as a board member of the American Institute of Architects and the US Green Building Council's Gulf Coast Region Chapter and as vice chair of the City of West University Place's Recycling and Solid Waste Reduction Board. Steve was Committee Chair of the 2013 AIA Gulf Coast Green Symposium. He is the principal author of Houston Corridor Guide to Sustainable Development.

TOPIC
HOUSTON MEP & ENERGY CONTRUSTION CODE UPDATE

Thank you to all that City of Houston to our kick off chapter meeting! **Carlos Rubiano, Heath Wierck, Steve Stelzer** will be presenting an overview of the **Houston 2021 Construction Code** update with a **focus** on significant changes to **MEP and Energy codes**, and will cover any relevant updates to the permitting and plan review processes. We will also have several officials attending the meeting for you to network with and ask questions.

SEASON PASSES TO ALL CHAPTER MEETINGS!!!

This year we are also offering a Season Pass ticket to 8 ASHRAE Houston Chapter meetings for chapter members. **Save $65 on chapter meetings today!** You will still need to register for each meeting and pay $0!

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$35.00 Member Luncheon Ticket
$40.00 After 12:00 pm August 9

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$45.00 Non-Members Luncheon Ticket
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RESEARCH PROMOTION

HOUSTON ASHRAE 2023-2024 RESEARCH PROMOTION FUNDRAISING EVENTS:

SPORTING CLAY TOURNAMENT	FALL GOLF TOURNAMENT	SPRING GOLF TOURNAMENT	POKER TOURNAMENT
9.05.2023	Date TBD	03.27.2024	Date TBD
Greater Houston Sports Club			

2023-2024 ASHRAE ANNUAL SPONSORSHIP OPPORTUNITIES:

PLATINUM

$10,000

- Signage at each event as a Platinum Sponsor and ASHRAE Partner
- Recognition on the ASHRAE Houston website as a platinum sponsor with a link to your website
- ASHRAE Partner recognition at the annual conference
- Four (4) participants at the Sporting Clay Tournament + one team (of 4) at both Golf Tournaments+ first buy ins for four (4) participants at the Poker Tournament
- Inclusion for free in the ASHRAE Houston directory
- Admission for four (4) to the Past President night
- Tailgate sponsor at the Golf Tournaments
- Tabletop display space at the Sporting Clay Tournament

CONTRIBUTE HERE

GOLD

$7,500

- Signage at each event as a Gold Sponsor
- Recognition on ASHRAE Houston website as a Gold Sponsor
- Two(2) participants and stand sponsor at the Sporting Clay Tournament
- One team (of 4) at the Golf Tournament of your choice + first buy ins for two (2) participants at the Poker Tournament
- Hole sponsor signage at both Golf Tournaments
- Inclusion for free in the ASHRAE Houston directory
- Admission for two (2) to the Past President night

CONTRIBUTE HERE

SILVER

$5,000

- Signage at each event as a Silver Sponsor
- Recognition on the ASHRAE Houston website as a silver sponsor
- Two(2) participants and stand sponsor at the Sporting Clay Tournament
- First buy in for one(1) participant at the Poker Tournament
- Hole sponsor signage at the golf tournament of your choice
- Admission for two (2) to the Past President night

CONTRIBUTE HERE

BRONZE

$2,000

- Signage at each event as a Bronze Sponsor
- Recognition on the ASHRAE Houston website as a bronze sponsor
- Hole sponsor signage at the golf tournament of your choice + stand sponsor at the Sporting Clay Tournament
- Admission for one (1) to the Past President night

CONTRIBUTE HERE

CONSULTING ENGINEER

$1,000

- Available only to consulting engineering firms
- Signage at each event as a Consulting Engineer Sponsor
- Recognition on the ASHRAE Houston website as a consulting engineer sponsor
- Inclusion for free in the ASHRAE Houston directory
- Free job opening postings on the ASHRAE Houston website and HAR
- Hole sponsor signage at the golf tournament of your choice OR stand sponsor at the Sporting Clay Tournament

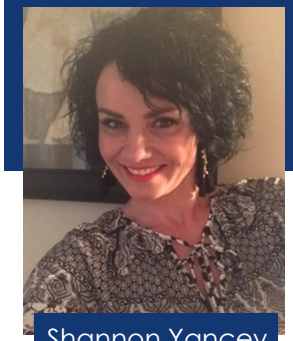
CONTRIBUTE HERE

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MEMBERSHIP

2023-2024 MEMBERSHIP PROMOTION COMMITTEE



Shannon Yancey

ASHRAE Membership Facts

Founded in….1894

Based in…Atlanta, GA

Approximately how many members…57,000

Regions

There are 15 ASHRAE Regions throughout the world.

Regions are comprised of 7 –26 Chapters each

US / Canada / Central & South America: Regions 1-12

Local Chapters

There are 187 ASHRAE Chapters throughout the world!

Board of Governors: Elected by chapter members

- President
- Vice President
- Treasurer
- President-Elect
- Secretary

Houston Chapter is in Region 8

Asia/Australia: Region 13

Europe: Region 14 – Newest!

Region-at-Large

Please welcome our newest member: Johnathan Carithers

Join or renew (simple 4 step process) through **https://www.ashrae.org/join**
If you have any questions, contact Shannon Yancey at (832) 523-6619 or Shannon.Yancey@Caleffi.com
For more info: **https://www.ashrae.org/communities/regions**

TREASURER



23-24 Treasurer: Heather Camden

✓ Chapter is in good financial standing

Books are being transferred from Nick Janssen to Heather Camden

TAX Last year's taxes are filed

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YEA



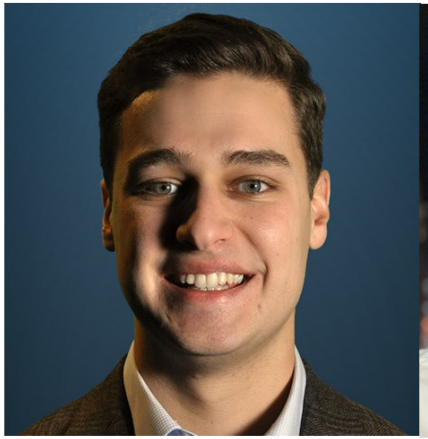
Jacob Busch

Graduated from Texas A&M University in 2018 with a degree in Industrial Distribution and currently pursuing a masters in Industrial Distribution c/o '24. He currently works for Automated Logic, a division of Carrier. Jacob likes playing soccer and pickleball, cooking, and traveling.



Amanda Ackerman

Graduated with a degree in mechanical engineering from Texas A&M in 2019 and is currently a mechanical EIT with Smith Seckman Reid. She enjoys playing sand volleyball, video games, and spending time with friends and family.



Franco Madrigali

Graduated with a degree in Industrial Distribution from Texas A&M University in December of 2017 and is a Technical Sales Engineer with Johnson Controls. He enjoys spending time with his wife and newborn daughter, as well as traveling, running, and spending time outdoors.



Pablo Marin

Graduated from Iowa State University with a degree in Industrial engineering back in 2020 and right away started working with Engineered Air. He enjoys spending time with family, traveling and practicing kite boarding.

YEA Participation Survey (2023-2024)

WE WOULD LIKE TO HEAR FROM YOU CLICK **HERE** TO COMPLETE A QUICK SURVEY ABOUT WHAT YOU'D LIKE TO SEE FROM YEA THIS YEAR

YEA SPONSORS (2023-2024)

WE ARE SEEKING SPONSORS TO HELP US SUPPORT OUR COMMITTEE

IF INTERESTED PLEASE CLICK **HERE**

CONTACT

PABLO MARIN

to sponsor the Sept. Happy Hour

2023-2024 YEA Co-Chair

pablo.marin@engineeredair.com

YEA Happy Hour

Join us at our next event!

Want to Sponsor?

Reach out to Pablo Marin via email

How to Sponsor?

After emailing Pablo, pick a date, time and location so that we can post in upcoming Newsletters!

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REFRIGERATION

BASICS ON AIR CONDITIONING VS. REFRIGERATION

WRITTEN BY: JAMES ROBINSON

Hello Houston Chapter. The Significant New Alternative Policy (SNAP Rule 25) is one component of the Environmental Protection Agency's (EPA) efforts to combat climate change and global warming. The AIM Act, another initiative by the EPA, passed in December of 2020, mandates that production of HFCs (High Global Warming Potential) refrigerants be reduced 85% by the year 2036. Under the Act, production of these substances were reduced by 10% in 2022. The Act requires that production of these refrigerants be reduced by another 30% starting in January 2024. The Aim Act also prohibits manufacturers from producing HVACR equipment using HFCs beginning in January 2025. As a result of these restrictions, our industry must contend with increased demand and cost for these banned substances as production dwindles. In the short term our industry has to rely on refrigerant recovery and reclamation strategies to make up for the HFC short fall. It is also imperative, particularly in the refrigeration sector, that refrigerant leak detection and other mitigation strategies such as repair and service activities become a primary focus. In the long term our industry must excel at refrigerant recovery and reclamation as we continue to transition toward A2L refrigerants so that a balanced use of the two refrigerant groups results in neutralizing and ultimately stopping environmental climate change.



Refrigeration
CHAIRS

DON INVESTER

JAMES ROBINSON

James Robinson
Refrigeration Expert
ASHRAE Member
Houston Chapter

"The agency has finalized its Significant New Alternatives Policy (SNAP) Rule 25 which lists seven refrigerants approved for use in HVACR equipment."

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STUDENT ACTIVITIES

STUDENT ACTIVITIES CHAIR



TARA DENNIS
STUDENT ACTIVITIES CHAIR



SADIA ASHRAF
LYNN G. BELLENGER
SCHOLARSHIP RECIPIENT



JOHN MCCULLOCH
DUANE HANSON
SCHOLARSHIP RECIPIENT

We are excited to announce that two Region VIII students were selected as 2023-24 Society $5,000 Scholarship Recipients! Please join me in recognizing both Sadia and John on their outstanding accomplishment!

***Sadia Ashraf**, Mechanical Engineering attending the University of Houston is the recipient of the Lynn G. Bellenger Engineering Scholarship which recognizes female undergraduate engineering students and is named in memory of the Society's first female president, who served as the Society's president in 2010-11.*

***John McCulloch**, Mechanical Engineering attending Texas A & M University and Texas University, is the recipient of the Duane Hanson Scholarship established by Gayner Engineers and is named for the company's former president.*

Stay up to date on the latest news and resources available to you by signing up for the student newsletter.

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GRASSROOTS GOVERNMENT

2023-2024 GRASSROOTS GOVERNMENT ADVOCACY CO-CHAIRS

KENNETH SHIFFLETT



KEITH REIHL



USEFUL RESOURCES

Have you been to ASHRAE's Government Affairs page? There are landing pages for ASHRAE position documents on issues, a newsletter sign up, advocacy tool kits, Engineer's Week, among others.

https://www.ashrae.org/about/government-affairs

The ASHRAE Policy Position and Issues page has a wealth of information a wide breadth of topics, including recommendations for reopening businesses and schools.

https://www.ashrae.org/about/government-affairs/policy-positions-and-issues

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GRASSROOTS GOVERNMENT

ASHRAE Houston had a wonderful presentation by the City of Houston Code Modernization team on August 10th. Since that time the codes and amendments have been presented to the City of Houston Transportation, Technology, and Infrastructure Committee on August 24th. The period to submit and amendment proposal has closed; public comments are still being accepted through September 19,2023. In October the amendments will be presented to City Council for adoption.

The proposed amendments, and link to submit public comment are here

A high level overview can be found here

Houston's City Council Transportation, Technology, and Infrastructure (TTI) Committee

30-Day Public Comment Period: Monday, August 21, 2023 – Tuesday, September 19, 2023

Comment only period on the final proposed amendments. Amendment proposals will not be received for consideration.

August 24, 2023 - Special Called Meeting – 2021 Building Code Presentation

https://www.houstontx.gov/council/committees/tti.html

Task Force Group 2 (TFG-2): RESIDENTIAL & POOL CODES

International Residential Code (IRC) and the International Swimming Pool and Spa Code (ISPSC)

30-Day Public Comment Period: Wednesday, December 14, 2022 – Thursday, January 12, 2023

December 20, 2022: Extended to 01.20.23

January 9, 2023: Extended to 01.27.23

January 24, 2023: Extended to 02.14.23

2nd 30-Day Public Comment Period: Monday, July 17, 2023 – Tuesday, August 15, 2023

Task Force Group 3 (TFG-3): ENERGY CONSERVATION & PERFORMANCE CODES

International Energy and Conservation Codes (IECC) and International Code Council Performance Code (ICCPC)

30-Day Public Comment Period: Monday, January 9, 2023 – Tuesday, February 7, 2023

On January 24, 2023: Extended to Friday, February 17, 2023

2nd 30-Day Public Comment Period: Monday, July 17, 2023 – Tuesday, August 15, 2023

Task Force Group 4 (TFG-4): MECHANICAL, ELECTRICAL, AND PLUMBING CODES

30-Day Public Comment Period: Monday, March 13, 2023 – Tuesday, April 19, 2023

1. **2nd 30-Day Public Comment Period: Monday, July 17, 2023 – Tuesday, August 15, 2023**

A reminder when submitting a code amendment proposal:

The Houston Public Works mandate for this code adoption is to adopt the 2021 Code Editions as a base code with local amendments that:

- Help strengthen and ensure long term sustainability and resilience in Houston;
- Do not reduce the fire- or life-safety provisions without providing an equivalency to what's found in the base code; and
- Comply with the intent of the code in quality, strength, effectiveness, fire-resistance, durability, and safety for the purpose intended.
- Chapter One is for the Legal Department only. Amendments are excluded for submission

If you are interested in volunteering for this important project, please visit Construction Code Modernization | Houston Permitting Center.
You can also sign-up for the newsletter for this project and get updates for this project.

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SUSTAINABILITY

CALL FOR SUSTAINABILITY COMMITTEE CHAIR

WRITTEN BY: ANDREAS WINARDI, PE

Calling Fellow Sustainability People! Do you want to tell your Story?

As I mentioned last month, My goal this year is to increase member awareness of Sustainability, showcase the great building design or sustainability programs in the area, and educate fellow Houston ASHRAE members through educational sessions on Sustainability-related topics.

For this, I am calling fellow ASHRAE members who have worked or known someone who managed projects or sustainability program for your facility to work with me so I can highlight your great work!

I also want to invite our members to join me on the Houston ASHRAE Sustainability Committee. I need help planning a few sustainability tours, EV Test-drive, and Eco-Happy Hours.

If you are a government official and want to highlight your sustainability program ("The City of Houston," for example), Email me, and we can work together to get the word out or highlight your great work.

Please email me at: **sustainability@ashraehouston.org**

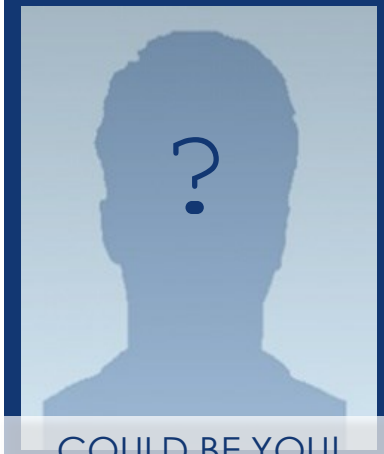
Sincerely,

ANDREAS WINARDI, PE

SUSTAINABILITY CHAIR



Andreas Winardi, PE



COULD BE YOU!

Quick Links

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ASHRAE Clay Shoot
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COMMISSIONING

2023-2024 COMMISSIONING CHAIR

ADAM SEGOVIS



WRITTEN BY: ADAM SEGOVIS

Why is commissioning of a Building Automation System so important? A modern building is similar to that of a Grand Piano. When you order a new Piano the factory designs the type of wood they would like to use along with the shaping. They consider the strings they would like to put in and the speaking length of the strings. This is all done on paper before the piano is ever assembled, it is a concept. Once the piano is assembled, then the real work begins. There are so many outside factors to consider, the humidity of the space, the ambient temperature, frequency of use and much more. A building is no different in that it is designed on paper to work in a certain set of conditions. All of the different systems need to work in harmony together granting occupants the comfort of moving between spaces without feeling wide environmental swings. The commissioning of a Building Automation System helps bring all of those disparate systems together talking to each other and working together to achieve that goal. It is the most vital portion of a building turnover in terms of occupant comfort. Last week we spoke about the use of continuous commissioning after a building is occupied. Now we can look at the importance of the original commissioning and some of the new tools at your disposal to accomplish this task."

USEFUL RESOURCES

Here is a link to a short video describing the benefits of continuously commissioning existing buildings
https://www.youtube.com/watch?v=U9wvpHsLOPU&t=58s

If commissioning is part of your process, expert guidance is essential.
ASHRAE offers several resources to help guide your team through this critical phase of a new construction project
https://www.ashrae.org/technical-resources/bookstore/commissioning

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BOG MINUTES

XAttendees: BoG and Chairs
Board of Governors Date: August 8, 2023
Call to order at: 3:35 PM

I. Meeting Attendees:
II. Heather Camden, Ken Shifflett, Alan Neely, Catherine Tinkler, Joe Sanders, Greg Tinkler, Mike Langton, Nick Janssen, Julie Thomet, Amanda Akerman, Tara Dennis, Franco Madrigali, Pablo Marin, Andre Winardi, Jacob Busch
III. President – Catherine Tinkler
IV. Approve the April 25, 2023 Meeting minutes (Heather Camden)
   a. Allen motioned to accept, Greg seconded, voted to approve 7-0-1.
   b. Please contact your RVC no later than the 15th every month. Copy to Garrett and Heather. Review meetings below. Submit to regional RVC.

Position	Officer	MBOs	Aug
President	Catherine Tinkler	X	
CTTC	Julie Thomet	X	
Research Promotion	Nick Janssen		
Membership	Shannon Yancey		
Treasurer	Heather Camden		
Student Activities	Tara Dennis		
YEA	Franco Madrigali	X	
DiA	?		
GAC	Ken Shifflett		
Historian	Bruce Flaniken		
Refrigeration	James Robinson		
Electronic Communication	Rachel Haines		

I. Operations Group:
   a. Catherine Tinkler – President
      i. Update PAOE status – Each person please do their own. Catherine showed how to do that.

	2023-2024 PAOE Points Chart				
	Par	Min Points	Total Points	Goal for This Year	Last Year's Actual
Chapter Operations	1200	600		1320	1050
Chapter Technology Transfer	1050	550		1155	2900
Communications	700	300		800	0
Government Affairs	1000	500		1100	2750
Historical	300	100		350	0
Membership Promotion	1600	1000		1675	1550
RP	1050	800		1200	1099
Student Activities	800	500		900	1340
Young Engineers in ASHRAE	900	350		900	2125

   b. Alan Neely – Awards
      i. Gave awards update.
   c. Randy Schrecengost – Historian
      i. Not in Attendance
   d. Ken Shifflett – Government Affairs
      i. Please give Ken information on contacts made with Government Officials.
      ii. The task force has been meeting and working on Codes and looking forward to the passing of the new codes with the City.
II. Programs Group
   a. Julie Thomet – President Elect
      i. Trying to pair with other organizaitons for meetings
      ii. Working to get more people to the meeting (goal minimum 50 attendees)
      iii. Working on 2 sustainability programs and one refrigeration program
      iv. Had a planning session with her team
   b. Andre Winardi – Refrigeration
      i. Trying to create a sustainability committee
      ii. Working to set up sustainability event
   c. James Robinson – Sustainability
      i. Not in attendance
III. Stakeholders
   a. Nick Jansen – Research Promotion
      i. Clayshoot update
      ii. Looking to make sure the sponsorship levels are in alignment with the costs.
      iii. ASHRAE has not given Nick the goal yet.
   b. Franco Madrigali – YEA
      i. Submitted MBO
      ii. Setting first event at Kirby Icehouse – Memorial Locaiton – In Newsletter
   c. Women In ASHRAE
      i. Still looking for person to fill the position
IV. Nuts & Bolts
   a. Keith Rehl –Board
      i. Nothing new
   b. Heather Camden – Treasurer
      i. Nick & Heather Getting together next week to transfer
   c. Mason Hall – Newsletter
      i. Most involvement since Mason has had the spot
      ii. Send content by last week of the month
      iii. MBOs based around rubric
V. Engagement
   a. Mike Langton – Board
      i. No new business
   b. Tim Navarro – Secretary
      i. Not in attendance
   c. Membership
   d. Tara Dennis – Student Activities
      i. Went over MBOs of adding chapters and reinstating some chapters
      ii. Working on decarbonization event
      iii. TAMU and HCC are only two active chapters at this time.
VI. Other business
   a. Catherine – get your budget together for sending to the Treasurer for budget requests.
      i. Please email last year's budget requests to the group so team members will know what they will need to request.
      ii. Be at the meeting on Thursday
VII. Approval for providing TAMU $6000 for their design competition:
   a. Greg Tinkler motioned
   b. Mike Langton seconded

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ROSTER

2023-2024 Houston Chapter Volunteer Leadership

Operations Team	
Alan Neeley, Board of Governors	alan_neely@pghcorning.com
Catherine Tinkler, President	CTinkler@pagethink.com
Bruce Flaniken, Historian	BLFlaniken@houstonmethodist.org
Ken Shifflett, Government Affairs Committee Chair	kshifflett@distribaire.com
Keith Reihl, Government Affairs Committee Chair	reihl@swbell.net
Alan Neeley, Honors and Awards Committee Chair	alan.neely@owenscorning.com
Garrett Neubauer, Past President	gneubauer@pagethink.com
Programs Team	
Ken Shifflett, Board of Governors	kshifflett@distribaire.com
Julie Thomet, CTTC/President-Elect	juliet@mjec.com
James Robinson, Refrigeration Committee Chair	jamesrobinsonblazer@outlook.com
Don Ivester, Refrigeration Committee Chair	Don.Ivester@graymechanical.com
Adam Segovis, Commissioning Committee Chair	ASegovis@convergentz.com
Andreas Winardi, Sustainability Committee Chair	AndreasW@McKinstry.com
Stakeholder Team	
Greg Tinkler, Board of Governors	GTinkler@pagethink.com
Nick Janssen, RP/Vice President	nick.janssen@texasairsystems.com
Amanda Ackerman, YEA Committee Co-Chair	aackerman@ssr-inc.com
Jacob Busch, YEA Committee Co-Chair	jacob.busch@carrier.com
Franco Madrigali, YEA Committee Co-Chair	franco.madrigali@jci.com
Pablo Marin, YEA Committee Co-Chair	pablo.marin@engineeredair.com
Nuts & Bolts Team	
Keith Reihl, Board of Governors	reihl@swbell.net
Heather Camden, Treasurer	camden@eceng.com
Mason Hall, Newsletter	mhall@unifyes.com
Rachel Haines, Webmaster & Social Media	rachel@sshvac.com
Engagement Team	
Mike Langton, Board of Governors	mlangton@langtonenergy.com
Tim Navarro, Secretary	Tim.Navarro@carrier.com
Shannon Yancey, Membership Promotion	shannon.yancey@caleffi.com
Tara Dennis, Student Activities	tdennis@resource-innovations.com