

Dear SPASHRAE Member,

November President's Message:



Hello SPASHRAE Members!

Thank you all for your continued support of our chapter. We had another great turnout at our chapter meeting this month exceeding 70 members and guests in attendance! Get ready for December's virtual chapter meeting on December 7th where we will have be cohosting with the Triangle chapter to watch a pre-recorded tech hour on the topic of Decarbonizing Healthcare. The meeting link will go out in an email announcement and will be present on our chapter's website.



We had a hugely successful Fall Golf Tournament earlier this month where we had a total of 120 golfers, more than we have EVER had in the Fall. Thank you so much to the companies who sponsored and the members and guests who attended. The RP funds raised will be announced soon. Upcoming his month, we still have our YEA Happy Hour at Wooden Robot on November 30th with a special Membership Promotion theme of "bring-a-guest"! We will wrap up 2023 with our annual Christmas Auction on Monday, December 18th at Lenny Boy Brewing in their event space, Griffith Hall. The event announcements have been sent out and the registration for each of these events are now available on our chapter's website.

I hope you all have a wonderful week and take some time to spend with your families. There is much to be thankful for this season after the past few years so from the bottom of our hearts here at ASHRAE, thank you so much for a fantastic year so far! Can't wait to see you all again soon.

*Thankful Regards,
Erica Powell*

SPASHRAE President



November Government Affairs Article:

The Transition to Cleaner Energy May be Hindered by Electric Grids, According to IEA Report

The International Energy Agency (IEA) published an analysis that found almost 50 million miles of power lines will need to be added or upgraded by 2040 to limit global warming to 1.5 degrees Celsius. Grid integrity is essential to the clean energy transition because it will need to be able to handle increased capacity as electrification progresses, in addition to being able to facilitate a sizeable increase in renewable energy as a source of electricity generation. The IEA determined that global electricity use will need to grow 20 percent faster to meet the expected increased demand from electrification across a variety of sectors. Without dependable grid access, renewable energy and electrification projects may begin to bottleneck as grids struggle to meet the demand. The IEA report found that there are already at least 3,000 gigawatts of renewable energy projects that are being hindered because of challenges associated with grid connection queues. Therefore, the IEA is recommending grid investments double to over \$600 billion per year by 2030.



November History Article:

Christmas is Coming!

By tradition, and as long as I have been a member of the southern Piedmont chapter of ASHRAE (30 years), the December meeting has been dedicated to our annual Christmas party.

We designate the event as History night, and recognition of those who have contributed to the ASHRAE Research Promotion. We also invite past presidents of the chapter and recognize them. (Ben – you are now in the club!) Finally, the night culminates with our annual auction to raise money for the Research Promotion campaign.

It is a great night where the members come together and just enjoy each other's company. There is no technical speaker at this meeting, only fellowship, recognition, and an opportunity to pick up some Christmas gifts while helping society reach its research goals.

Keep an eye out for the forthcoming meeting notices and make plans to attend! Here are a few pictures from years past...



A big THANK YOU to our 2023-2024 SPASHRAE
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Sponsors:



**A big THANK YOU to our 2023-2024 SPASHRAE
Engineering Sponsors:**



Shultz Engineering Group, PC

Interested in becoming a sponsor of our chapter for 2023-2024? Please reach out to our RP Chairs below!

Paul Shelor: paulshelor@gmail.com

Kyler Asia: kyler.asia@carrier.com

Upcoming Schedule of Chapter Events November-December 2023:

Event Name	Date	Time	Location
YEA/Membership Promotion Happy Hour - "Bring-A-Guest!"	11/30/2023	5-7PM	Wooden Robot
Tech Hour Virtual Meeting – PDHs Available	12/7/2023	11:45AM-1PM	Virtual Meeting
Christmas Auction and 2022-2023 Donor Recognition Event	12/18/23	6:30PM-9:30PM	Lenny Boy Brewing

Sincerely,

Erica Powell | Chapter President

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