

ASHRAE® Southern Piedmont Chapter

January 2021 Newsletter

President's Message:



HAPPY NEW YEAR!

I trust most of us are glad to be in a new year with new hope on the horizon that is pointing towards getting back to some normalcy for 2021. As many of you know our world switched to a virtual presence and for a lot of people that meant no presence, no one on one meaningful interactions that conveyed emotion and the body language and for some of us that is 75% of our dialect. I have really missed our face to face monthly member's lunches, our fall golf tournament, Christmas Party, and other fun activities that really bring us together. I look forward to making up for lost time and planning events as quickly as the state health officials and ASHRAE recommends we can do so safely. That means we are going to need to build a tentative calendar of events and update folks as soon as information comes in. We are asking for your extreme flexibility and understanding to make these events successful. One of the first events that was planned for 2021 was our SPASHRAE chapter is scheduled to host ASHRAE President Chuck Gullledge to kick off National Engineers Week Feb. 22nd. We are currently waiting to hear if this will get to happen in person or virtually. We will update ASAP. We are also looking into doing a Refrigeration Themed tour, again we are waiting to see if we can pull this off in person or not. And of course, as soon as we get the word that it is safe to host a spring golf tournament, we will be doing that as well. But that is not good enough I would like to hear from the members with an anonymous poll that will be fun to do. I am asking, *what can SPASHRAE do for you?* Tell us what you would like to do, see, learn more about. What PDH's can we present on? What do you like about your membership, and where can we improve to serve you better? Below are easy to follow instructions to participate in this poll and the results will be seen in the next newsletter.

I wish you all a very safe and productive new year for you and your families and thank you for the opportunity to serve as your Chapter President.

Sincerely,
Don Gariepy



WHAT CAN SPASHRAE DO FOR YOU???

Join by Web



- 1 Go to **PolleEv.com**
- 2 Enter **DONGARIEPY805**
- 3 Respond to activity

Join by Text



- 1 Text **DONGARIEPY805** to **22333**
- 2 Text in your message

EXAMPLE RESULTS FROM BOG Poll Everywhere Question



ASHRAE

MEMBERSHIP

CHAIR

Ryan Staton

Johnson Controls

Ryan.J.Staton@JCI.com



Why become a member? ASHRAE membership provides direct access into the Society's HVAC&R technical library of knowledge that is continually updated and expanded. Rooted in the Handbook, this knowledge base extends into cutting edge research papers and technical discussions published in the ASHRAE Journal and other Society periodicals.

How do you keep up to date with changes in the industry?

Where did you read about the details of a new integrated refrigeration control system strategy? Where did you see an advertisement for a new type of air quality sensor that's exactly what you need for a job you're bidding out next week?

You probably read it in an ASHRAE publication...just part of your ASHRAE Membership experience.

To join ASHRAE online click [HERE](#). Include the following with/on your application:

1. Please state your intention to participate in the Southern Piedmont Chapter.
2. National membership dues are \$220...please include an additional \$30 for Chapter dues...Total=\$250.00

We look forward to meeting you and helping you grow in your career!!!

Please contact me if you have membership related questions.

PROGRAMS

Benjamin Coy
RMF Engineering
benjamin.coy@rmf.com



January Virtual Meeting

TOPIC:

COVID-19 - Progression and Recommendations PART - 2

Presented By: Michael Orcutt



(Registration Link will be sent in Confirmation Email)

Presentation Summary:

THIS PRESENTATION IS PART-2 TO THE PRESENTATION GIVEN ON OCTOBER 2020

Many organizations including ASHRAE, the World Health Organization, the Center of Disease Control, etc. have worked together to make recommendations to protect people in the environments in which they live. The recommendations from ASHRAE include Increased Ventilation with Effective Patterns, Increased Filtration, Implementation of UVGI Lamp and Personal Ventilation Devices.

Increased Ventilation and Filtration are both viable options however may impact existing mechanical systems. Both recommendation have no means of controlling submicron particle which are not influenced by the controlled air stream. Submicron particles must be increased in size to be filtered from the air and testing for efficacy of a technology should be performed using a particle counter within the space in which the technology is used.

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Billy Austin
Shultz Engineering Group
704-334-7363

baustin@shultzeq.com



Congress Passes Government Funding Bill with COVID-19 Relief Provisions

In December, Congress passed a \$2.3 trillion legislative package to fund the government through September 30, 2021. The package also provided \$900 billion in Coronavirus relief and included energy and tax provisions. The 5,593-page bill included the following:

- Appropriations: With \$1.4 trillion to fund the government in FY 2021, there were large increases to several programs that impact the building sector. The bill provides the Department of Energy's Energy Efficiency and Renewable Energy (EERE) office with \$2.86 billion, an increase of \$72 million above the fiscal year 2020 level and \$9.24 billion for the EPA, \$180 million above the 2020 enacted level. The EPA funding includes \$40 million for the EnergySTAR program.
- COVID-19 Relief: The legislation approves up to \$600 in direct payments to Americans of a certain income and revives a \$300-per-week supplemental benefit for the unemployed. The relief measure also provides billions of dollars in aid for businesses. Additionally, \$82 billion was allocated to the Education Stabilization Fund, which includes funding for schools for updating their building systems to improve indoor air quality and minimize viral transmission.
- Tax Extenders: Several energy focused tax incentives were reauthorized. This included a permanent extension of the 179D tax deduction for energy-efficient commercial buildings. The tax deduction also updated ASHRAE Reference Standard 90.1 from the 2007 standard to the most recent standard as of two years before the start of construction, in addition to increasing the deduction by accounting for inflation.
- HFC Phasedown: The legislation will require a phasedown of the production and consumption of hydrofluorocarbons (HFCs) by 85% over 15 years, per the schedule in the Kigali amendment to the Montreal protocol. ASHRAE has supported this legislation (the AIM Act) previously and it was included in ASHRAE's Public Policy Priorities for Society Year 2020-2021.
- Energy Provisions: Numerous energy provisions were included in the package, including building energy and water efficiency measures for schools, federal buildings and data centers; smart building accelerator program; and reauthorization of the weatherization assistance program. The bill in total includes \$35 billion in energy technology authorizations, but money will need to still be appropriated next year.

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