

**From:** [Atlanta Chapter of ASHRAE](#)  
**To:**  
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ASHRAE Atlanta Chapter



## AUGUST 2021 NEWSLETTER

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### PRESIDENT'S MESSAGE

Dear Atlanta Chapter Members,

With a new year comes many new opportunities, hurdles, and possibilities. My name is Matthew Mumpower, and I am honored to serve as your chapter president for the coming 2021-2022 ASHRAE calendar year. My background has been dedicated to the consulting engineering side of our business, and I have worked across many sectors including Data Centers, Healthcare, Laboratories, Aviation, Higher-Ed, Government, and many others. Along the way I've specialized in energy modeling, sustainability designs, computational fluid dynamics, district energy analysis, and more. I've seen and witnessed

many project opportunities and challenges, and hope to share my knowledge and passion with you all for the coming year.

This year promises to be an exciting one, starting with the fact that we have a brand new Headquarters building to support our monthly events. If you have yet had a chance to check it out, I encourage you to visit

<https://www.ashrae.org/about/designing-ashrae-s-new-global-headquarters>.

Our first meeting of the year will be held September 14<sup>th</sup>, and as we grow and learn from the ever changing environment around us, so too our meetings must evolve. For the first time in many months we will be holding in-person meetings again, additionally each meeting will be 'hybrids' where members can choose to join in person or via the web, more details to follow.

Due to overwhelming positive feedback from some past events, we plan to offer many exciting ways to get involved in ASHRAE this year and enjoy the company of your friends and colleagues. From brewery tours with our YEA group, to golf outings, clay shoots, and more, there should be many ways to get involved and network. This is all made possible due to our great sponsors and colleagues, we can't thank them enough. If you'd like to get more involved, our door is always open, please reach out to myself or any one of our great board members. As a final note, don't forget to renew your membership this year, as it is an important year, this month the 2021 Fundamentals book is published and is the cornerstone to the consulting engineers' bookshelf. A digital copy is offered with each membership, so don't miss out!!



Matt Mumpower, PE

ASHRAE Atlanta President 2021-2022

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## CHAPTER MEETINGS

### SEPTEMBER 2021 CHAPTER MEETING

Join us for a hybrid (in-person & online) chapter meeting!

**Georgia Power's 2021 Commercial Energy Efficiency Program Updates &**

**Focus on Networked Lighting Controls and Chillers**

**When:** Tuesday, September 14th, 11:30 AM – 1:00 PM

**Where:** ASHRAE HQ (180 Technology Parkway Peachtree Corners, GA)

30092)

### Technical Description

Georgia Power is pleased to provide an overview and updates of their 2021 Commercial Energy Efficiency programs. Their presentation will focus on the Custom Savings program and cover savings potential, program eligibility and rebate opportunities for Networked Lighting Controls. The Commercial Energy Efficiency team will also review baselines for different chiller project types and explain how these energy conservation measures qualify for rebates.

### Registration:

- ASHRAE Atlanta Chapter Member
  - In-person: \$10
  - Virtual: \$5
- ASHRAE Society Member: \$20
- Non-Members and Guests: \$20
- Students: FREE
- Note: Registration closes 24 hours before the meeting.

**Late/Walk-Up Registration:** \$20 regardless of membership status

**REGISTRATION WILL BE AVAILABLE SOON!**

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## GOVERNMENT AFFAIRS COMMITTEE

The Government Affairs Committee (GAC) organizes ASHRAE members to educate local, state, and national government bodies and officials about issues relating to the HVAC&R industry and promotes effective cooperation between ASHRAE members and government.

Check out ASHRAE's advocacy resources: <https://www.ashrae.org/about/government-affairs/public-policy-resources>

### Join the ASHRAE Atlanta GAC Task Force

Welcome back! Our chapter's GAC Task Force will meet again this Society year, with monthly quick calls every third Monday from 1-1:30 pm. Last year, we sent ASHRAE's Epidemic Task Force resources to 25 school districts throughout Georgia and met virtually with the Atlanta Regional Commission and the Southeast Energy Efficiency Alliance, who share in ASHRAE's vision for a better built environment. What we do this year is up to you!

Join us for our first meeting on Monday September 20th from 1 - 1:30pm! No previous advocacy experience required.

[REGISTER HERE](#)

### Smoke-free Efforts in Augusta, GA

The Commission of the City of Augusta is considering a carve out in their smoke-free law to allow cigar bars. ASHRAE does not support this exemption since

ASHRAE holds the position that the only means of avoiding health effects and eliminating indoor tobacco smoke exposure is to ban all smoking activity inside and near buildings. Our chapter sent a [letter to Augusta Mayor Hardie Davis, Jr.](#), along with [ASHRAE's Position Document on Environmental Tobacco Smoke](#), and will send similar letters to all members of the Augusta Commission.

## US Senate Bipartisan Infrastructure Bill & ASHRAE

In early August, U.S. Senators released the text for their \$1 trillion [bipartisan infrastructure bill](#) that would provide \$550 billion in new spending on roads, bridges, airports, ports, electric vehicle charging stations, internet, water systems and power, among other policies. The bill is over 2,700 pages long, and ASHRAE Manager of Federal Government Affairs, Jeremy Pollock, highlights the following key provisions relevant to ASHRAE:

- Energy auditor training program: grant program for states to include the ASHRAE Building Energy Assessment Professional (BEAP) certification (Section 40503)
- Updating building energy codes to the latest versions: states to receive help from the Department of Energy (page 1684)
- School HVAC upgrades: grant program for improving or replacing HVAC, lighting, power, controls to reduce energy costs and improve indoor air quality (Section 40541)

It was passed in the Senate, and now needs to be passed in the House. If there are no major changes in the House, it will go to the President's desk for signature.

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## SUSTAINABILITY

The Sustainability Committee organizes ASHRAE members to develop chapter programs or chapter sponsored educational seminars, chapter sponsored community sustainability projects, and grassroots programs for the betterment of the local community. Check out ASHRAE's Community Sustainability Project program: <https://www.ashrae.org/communities/chapters/ashrae-chapters/ashrae-community-sustainability-projects>

## Building Readiness

The ASHRAE Epidemic Task Force has issued updated recommendations to combat the spread of infectious airborne diseases in commercial buildings. "The [Building Readiness Guide](#) includes additional information and clarifications to assist designers and commissioning providers in performing pre- or post-occupancy flush calculations to reduce the time and energy to clear spaces of contaminants between occupancy periods," said Wade Conlan, ASHRAE Epidemic Task Force Building Readiness team lead.

The health and safety of building occupants and operations personnel is always

the primary consideration in the Building Readiness Guide. In addition to health and safety measures, the ASHRAE Epidemic Task Force has included important energy savings considerations. These energy savings strategies cover operating guidelines for buildings that are experiencing temporary reduced occupancies and closures, as well as systems control optimization and energy-efficient operating guidance. Please reference the **Energy Savings Considerations** portion of the [Building Readiness Guide](#) for recommendations on appropriate energy savings strategies for re-opening.

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## YOUNG ENGINEERS IN ASHRAE (YEA)

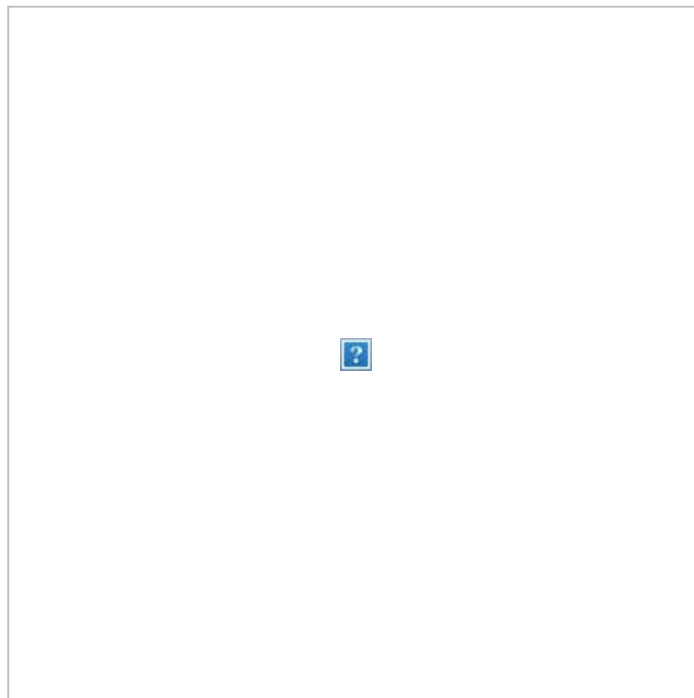
Are you under 35? Welcome to Young Engineers of ASHRAE (YEA)! We have multiple activities throughout the year, plus access to training and leadership programs!

### **Sweetwater Brewery Happy Hour**

**Join YEA and Membership Promotion at Sweetwater Brewing Thursday, September 16th from 5:00-9:00 pm for a happy hour and beer sampling. Membership Promotion will be giving away ASHRAE “Swag” to YEA members who bring an Non-ASHRAE engineering friend or colleague to this event.**

The cost for admission if you want beer tastings is \$5 if you register early through ASHRAE, or pay for the amount you want at the door. If you aren't looking for any tastings, you can always come and hang out with fellow ASHRAE members and friends at a cool brewery for the always awesome price of \$FREE.

The address is 195 Ottley Dr NE, Atlanta, GA 30324.



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## STUDENT ACTIVITIES

### ACE Mentor Program of Atlanta

**ACE is an after-school mentorship program aimed at educating high school students in the Architecture Engineering and Construction industries.**

Support ACE Mentor Program of Atlanta in our RAFFLE Fundraiser! 100% of the raffle proceeds will go towards funding the 2022 ACE season, including our scholarship fund which provides juniors and seniors with assistance in furthering their education after high school. If you are interested, please consider donating to the program by purchasing some tickets!

[FIND OUT MORE](#)

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## VOLUNTEERING

### Red Cross

With the most active part of the season staring us in the face and the continued wildfire disasters out West, Red Cross seeks volunteers to be trained for potential responses in our communities, region or nationwide. There is no commitment at this time to deploy and needs are based on the scope of the event and location. At the time of an event, requests go out for individuals to respond.

#### **Hurricane Preparedness Roles:**

**Shelter Services Team Members Shelter Service Associates** help in their community in times of disaster. You will be assigned to work in a shelter before, during and after a disaster. Shelter Service Associates aid clients during disasters. Working in roles like reception, registration, feeding, and dormitory they support the day-to-day activities within the shelter.

Requirements:

- Minimum 18 years of age
- Valid Driver's License (required for Divisional and National Deployments)
- Willing and able to volunteer in person in a disaster shelter before, during and/or after a disaster event
- Willing to complete 3.5 hours of virtual self-paced training required for position
- Ability to read, write, and follow verbal and written instructions in English

**Disaster Health Services Team Members** provide disaster health care by meeting the disaster related-needs of clients and providing support to other volunteers. You must be one of the following and your license must be unencumbered:

- Registered Nurse (RN)
- Licensed Practical Nurse (LPN)
- Licensed Vocational Nurse (LVN)
- Emergency Medical Technician (EMT)\*
- Paramedic\*
- Medical Doctor (MD)
- Doctor of Osteopathy (DO)
- Physician Assistant (PA)
- Nurse Practitioner (NP)
- Advanced Practice Registered Nurse (APRN)

Roles are also available for Certified Nursing Assistants, Certified Home Health Aides, student nurses and medical students. We need volunteers who can provide care as delegated by a licensed nurse in shelters. They may be assigned to sheltering operations, emergency aid stations, outreach activities, casework, and recovery planning during a disaster.

Requirements:

- Minimum 18 years of age
- Valid Driver's License (required for Divisional and National Deployments)
- Willing and able to volunteer in person in a disaster shelter before, during and/or after a disaster event
- Willing to complete 9 hours of virtual self-paced and instructor-led training required for position
- Ability to read, write, and follow verbal and written instructions in English

Additionally, individuals in both roles will need to be willing to:

- Work in a shelter in their area
- Be willing to wear a mask in the shelter site, regardless of vaccine status
- Local/Regional: Shift work determined by the scale of the relief operation; a minimum requirement of 8-12 hours per day during the disaster relief operation for multiple, consecutive days.
- Beyond region: Minimum of 14 days working 8 or 12-hour shifts

[CLICK HERE to VOLUNTEER](#)

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