

## DECEMBER 2019 NEWSLETTER



**An ASHRAE International Premier Chapter**



The WV ASHRAE Chapter wishes  
everyone  
**Happy Holidays!**

**In This Issue (we have many updates):**

Upcoming Dates  
ASHRAE 2020 Winter Conference  
Region VII Dinner/Super Bowl Party at the Winter Meeting  
WV School Benchmarking Project  
Importance of EUI  
Karen Lasure attends NEEP  
Welcome to New Members  
Chapter Leadership Update  
Student Smart Start Program  
2019-20 RP Fundraising Update

### Upcoming Dates:

**February 1-5, 2020:** ASHRAE Winter Conference & AHR Expo - Orlando, FL

**March 25, 2020:** WV EXPO - we will have 4 or 5 seminars scheduled for this event, including 3 presentations by Chuck Gullledge - ASHRAE Society President-Elect and Distinguished Lecturer

**April 29, 2019:** WVAHSRAE's Annual Day of Learning/Trade Show - Flatwoods, WV - Subject topic - Dedicated Outdoor Air Systems (DOAS) - more details to come

**September 2020:** WV High Performance Building Day (HPBD) – Focus – Building Resilience

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## 2020 ASHRAE WINTER CONFERENCE & AHR EXPO

Dates: **February 1 - 5, 2020**

Location: **Orlando, FL**



For more information and to register, please visit [ASHRAE.ORG](https://www.ashrae.org).

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### Going to the ASHRAE Winter Meeting in Orlando?

Sign up to attend the  
Region VII Dinner and Super Bowl Party!

Come on out while you are in Orlando to hang out and meet some of your fellow Region VII ASHRAE members. This group is always a lot of fun!

## Time & Location

Feb 02, 2020, 6:30 PM – 9:30 PM EST

Dave & Busters Orlando, [8986 International Dr Orlando, FL 32819](#)

## About the event:

The party opens with the Super Bowl kickoff at 6:30 pm. In true tailgate fashion, there will be a buffet serving a "build your own nacho station", four-cheese pizza, chicken tenders, and classic bar burgers. Tea, coffee, and soft drinks are included and there is also a cash bar. As part of the base package, each guest receives a \$15 "Power Card" good for jumping into all of the [state-of-the-art gaming](#) Dave & Busters is so famous for.

**Cost to attend:** \$40 / person - inclusive except alcohol & tip (optional). Pay cash at door.

**You must pre-register for this event!** For more information and to register, please visit the [Region VII Event page](#).

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## WV ASHRAE School Benchmarking Project Picks Up Speed:

A team of 3 Chapter Members, headed up by Art Hallstrom ([ahallstrom@wvashrae.org](mailto:ahallstrom@wvashrae.org)), are conducting a project for the WV State Energy Office to Energy Benchmark all K-12 WV Public Schools. Benchmarking involves determining the annual School Energy Use Intensity (EUI) and Energy Star Score. Knowing this information allows a school to measure their energy performance over time and against other schools in WV and the US. Thanks to CMTA and ZDS several WV Schools have already received Energy Star 2018 certification.

This program is free with no obligation. There is no commercial connection between the ASHRAE team and building owners. The ASHRAE team provides technical assistance, education, and with the State Energy Office – Recognition of top performers. ASHRAE bEQ is also promoted as part of the program. The Project Administrator is the WV ASHRAE Chapter GAC Chair, David Cotton, P.E.

This multi-year benchmarking project kicked off at the West Virginia Association of School Facility Administrators (WVASFA) meeting in July 2019. To date, the following school districts have benchmarked all or most of their buildings: Barbour, Berkeley, Braxton, Cabell, Calhoun, Grant, Kanawha, Monongalia, Morgan, Ohio and Tyler.

The average EUI and Energy Star District Scores per square foot will be released shortly to WV ASHRAE Chapter Members. Project team member Michael Hallstrom is traveled WV during November and is continuing through December to visit the 18 additional School Districts not currently participating in the State Energy Office Benchmarking Program with the intent of joining the program.

Once the K-12 public schools are energy benchmarked, the next step will be to assist local governments in benchmarking other government owned buildings.

Several utilities like AEP, First Energy and Mountaineer Gas are participating by provide digital files of building energy usage into the Energy Star Portfolio Manager. This step makes it easy to keep the benchmarking metrics current and up to date.

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## Importance of EUI in building design/construction/operation

There is a growing awareness of energy use in buildings. The metric often used is EUI. Every building has one. It is like MPG for a car or truck. ASHRAE provides guidance on how to calculate this value and Energy Star has metrics on average energy use by building types in each climate zone. The WV School Building Authority is looking at setting a 40 EUI target for new K-12 schools which is below the 2018 national average of 48, but higher than some of the top net zero ready schools that have an EUI around 21. ASHRAE has published Advanced Energy Design Guides – the newest is for zero energy office buildings. (ASHRAE.org/aedg). ASHRAE just closed the 60% complete **Peer Review of Advanced Energy Design Guide for Multifamily Buildings – Achieving Zero Energy**. It should be out early next year. All chapter members should be familiar with energy benchmarking which can include the ASHRAE bEQ rating. More info can be found at [www.ashrae.org](http://www.ashrae.org).

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## Chapter Member Karen Lasure from the State Energy Office attended NEEP meeting in Rhode Island Nov 21-22

WV has joined the Northeast Energy Efficiency Partnership (NEEP). It consists of states in the Northeastern US and is focused on sharing and promoting building energy conservation. Thus, well aligned with ASHRAE Goals. Karen was recently on a DOE Webinar talking about WV Energy Benchmarking efforts and exchanged information and ideas at the NEEP meeting. WV is the newest member to the regional energy partnership.

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## Welcome New WV ASHRAE Chapter Members

Mr. Randy J. Retort Jr.	Stanley Steemer
Mr. Vineel Busa	ZDS
Lt. Michael J. Hallstrom	WV ASHRAE Chapter
Mr. Michael Paul Sayre	West Virginia University Institute of Technology
Dr. Derek Johnson	West Virginia University Institute of Technology
Mr. Travis Criner	Casto Technical Services - Bridge Valley Instructor
Mr. Thomas Nicolas	CMTA
Mr. Brandon Newcome	Stephany Associates, Inc.
Mr. Salvador Loc	CMTA
Mr. Billy Smith	ZDS
Mr. James Preston Richmond	WV Department of Education
Mr. Emmitt R. Allen	WV Department of Education

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## Recent Chapter Leadership Update:

Lt. Michael Hallstrom has been named the WV Chapter Young Engineers in ASHRAE (YEA) Committee Chair. In this new role, he will coordinate activities for all the younger chapter members (defined by ASHRAE as 35 and under). This includes managing access to ASHRAE Leadership Classes and Senior Leader Shadowing/Mentoring Programs. ASHRAE YEA program is key to ASHRAE growth and this year it became a committee at the Chapter level and has its own group of Presidential Award of Excellence (PAOE). Michael's email is [mhallstrom@wvashrae.org](mailto:mhallstrom@wvashrae.org).

Due to a job change the Chapter Vice President and Secretary position is open. If interested in the senior Chapter positions contact our Chapter President, Chase Thomas. ([President@wvashrae.org](mailto:President@wvashrae.org))

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## Chapter Dues Paid for Students and Smart Start Program

This year the WV ASHRAE Chapter will pay ASHRAE dues for Students that are members of the WVU or Marshall Student Branch. This saves the student \$25 a year. Students should work with the ASHRAE Student Branch Advisor to sign up. Make sure Art Hallstrom, Chapter Membership Promotion Chair, is copied so the dues are covered. ([ahallstrom@wvashrae.org](mailto:ahallstrom@wvashrae.org))

In addition, the WV Chapter is awarding ASHRAE Smart Start Memberships to student members joining the WV Chapter. A student branch member who is graduating and will be working in an ASHRAE related field in WV should contact Art Hallstrom to see if they qualify for Smart Start. It provides 3 years of associate membership in ASHRAE and WV ASHRAE worth \$660 for free. To date, 3 students have transitioned to the WV ASHRAE Chapter under this program.

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## THE WVASHRAE 2019-20 RP CAMPAIGN IS IN FULL SWING AND WE WANT TO THANK OUR CURRENT DONORS

### Individuals - \$1000 - \$1999:

- Kenneth Young

### Individuals - \$250 - \$999

- Jennings L. Davis II

### Individuals - Up to \$249

- James Bonar
- Scott Cowley
- Shane Hall
- James W Lowry
- Krista Smith



- Chase Thomas

PLEASE CONSIDER DONATING TO ASHRAE RP TO HELP FUND RESEARCH, SCHOLARSHIPS, YEA and ASHRAE LEARNING INSTITUTE. You can go to (<https://xp20.ashrae.org/secure/researchpromotion/rp.html>) for the ASHRAE RP Online Donation Form.



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