AUGUST 2021 Newsletter and Seminar Announcement

An ASHRAE International Premier Chapter

In This Issue:

Upcoming Dates
WV ASHRAE - 2021 High Performance Building Day
WV ASHRAE Regional Performance (2020-21)
2021-22 RP Campaign

Upcoming Dates

We plan to host Hybrid Meetings this year - In-person and virtual.

September 17, 2021 - High Performance Building Day
October 21, 2021 - Ray Wohlfarth will present a seminar on boilers
November 18, 2021 - TBD
February 4, 2021 - TBD
March 23, 2021 - WV EXPO - Benchmarking and Energy related topics
April 25, 2021 - Day of Learning/Trade Show

WV ASHRAE High Performance Building Day

Join us September 17, 2021 and welcome
ASHRAE Society President - Mick Schwedler and
Region VII Director - Dr. Chris Gray
Theme: How to Create a High-Performance Building

Sponsored By: WV Energy Office, WV ASHRAE and WVU

We have an outstanding group of experts that are prepared to share their expertise in making your building comfortable, healthy, productive, resilient, low energy, carbon neutral, and easy to control and maintain.

The trend to high performance buildings is being accelerated by updated codes, climate change events, decarbonization, electric transportation, building onsite power generation/demand control and annual benchmark certified performance.

Historically, High Performance simply meant one building was much better than others. For example, 100 years ago, it meant having electricity and indoor plumbing. Today, the metrics include:

- Excellent Indoor Environment Quality (Temp., Humidity, Lighting, Sound, Air Quality)
- Clean ventilation air to each space
- Easy to operate and maintain controls that react and communicate in real time
- Exceptionally low energy use
- Carbon neutrality
- High resistance to most adverse events (floods, power outages, fires, etc.)
- All this at a competitive life cycle cost.

Seminar Details:
Attendance: This is a hybrid seminar. We will have an in-person meeting and will be providing webinar access to the live event for those that are registered (see details below)

Times: 10:45 AM - 1:15 PM, including a light lunch for those in-person attendees

Location: Saint John XXIII Pastoral Center, 100 Hodges Road, Charleston, WV 25314. Park in any of the church lots. Signs will direct you to the meeting room.

PDH certificate for 1.5 hours will be provided to attendees of the seminar.

Presentation Descriptions:

Presentation 1 by Art Hallstrom: Will overview the current trends impacting WV buildings and what features can make a high-performance building today. It is more than design. Operations plays a key role. Learn what nationally accepted guidance is available to help you get and keep a high-performance building.

Presentation 2 by Dr. Ken Means: Will cover the equipment needed to do performance measurements of a H-P building.

Presentation 3 by Karen Lasure: Will cover WV State Building Energy Benchmarking Program and the involvement of Energy Service Companies in achieving the State’s Objective of a 25% energy reduction by 2030.
**Lunch Presentation:** Attendees will have an opportunity to ask questions of a panel of experts on high performance buildings, both new and existing. Some of the panel members include:

- **Mick Schwedler, P.E. ASHRAE Fellow - ASHRAE Society President**
- **Dr. Chris Gray, P.E. - ASHRAE Region VII Director and Regional Chair**
- **Terry Hollandsworth, Retired Director of Maintenance, Kanawha County School District**
- **Karen Lasure, WV State Energy Office**

*A networking reception will follow the panel discussion, with light refreshments included*

**Featured Presenters**

**Art Hallstrom, P.E. ASHRAE Fellow, BEMP:** Mr Hallstrom is an ASHRAE Life Member, is heavily involved in projects for the WV State Energy Office, is Technical Leader for the WV K-12 School Energy Benchmarking Project and an instructor for the ASHRAE Learning Institute.

**Dr. Ken Means, P.E. Professor WVU:** Dr. Means heads up the industrial Energy Audit Assessment for WVU and has done hundreds of WV building audits.

**Karen Lasure:** Ms. Lasure works for the WV State Energy Office as a Development Specialist with a focus on energy efficiency and energy security and is involved with the WV K-12 School Energy Benchmarking project as well as the current initiative for Benchmarking State facilities. She also provides guidance and assistance in obtaining grants and performing the work associated with those grants.

**Registration details:**
Registration will be open starting August 15, 2021.

- **In-Person ASHRAE Member:** $20 (includes a light lunch and refreshments)
- **In-Person Guests:** $25 (includes a light lunch and refreshments)
- **Webinar/Virtual Attendee:** $10

**In-Person Attendance Notes:**

- Capacity limited to the first 80 signups
- Standard COVID protocols will be in place - must be vaccinated or wear a mask

Click the button below to Register.

[Attendee Registration](#)

This will take you to a Wufoo Registration page.

**Location Details:**
Saint John XXIII Pastoral Center, 100 Hodges Road, Charleston, WV 25314. Park in any of the church lots. Signs will direct you to the meeting room.
Information is available on the [wvashrae.org](http://wvashrae.org) website.

**WVAHSRE 2020-2021 Regional Performance:**

WV ASHRAE had an OUTSTANDING 2020-2021 PAOE performance, finishing in 2nd place in Region VII with 18,833 (our highest point total ever). We finished behind 1st place Louisville Chapter who an exceptional year and we were 6,425 points ahead of the 3rd place chapter. With our PAOE performance this year we maintained our Premier Chapter Status, one of only eight in the world.

**Presidential Award of Excellence (PAOE)**

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<tr>
<th>Chapter Operations</th>
<th>Chapter Technology Transfer</th>
<th>Government Advocacy</th>
<th>Membership Promotion</th>
<th>Student Activities</th>
<th>Research Promotion</th>
<th>YEA</th>
<th>Historical Audits</th>
<th>Electronic Comm.</th>
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Chapter Operations – President, Jennings Davis, finished 2nd in Region VII.  
CTTC – Chair, Chase Thomas, finished in 2nd place in Region VII.  
GAC – Chair, David Cotton, finished in 1st place in Region VII and was presented an award for his achievement.  
Membership Promotion – Chair, Art Hallstrom, finished in 1st place in Region VII and was recognized for his achievement.
**Student Activities** – Chair, Billy Smith, finished in 2nd place in Region VII.
**Research Promotion** – Chair, James Lowry, finished in 5th place in Region VII.
**YEA** – Chair, Brandon Newcome, finished in 2nd place in Region VII.
**Historical** – Chair, Jennings Davis, finished in 2nd place in Region VII.
**Electronic Communications** – Chair, Jennings Davis, finished in 2nd place in Region VII.

Also, the following Chapter Members were presented with **Chapter Service Awards**:

- James Lowry
- Shane Hall
- Sam Butzer
- Chase Thomas

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**WV ASHRAE 2021-2022 RP Campaign**

The WV ASHRAE 2021-2022 RP Campaign is in full gear! We have been tasked by our Region this with a new higher fundraising goal of **$6,000**, and we need your help in raising these funds.

You have a choice of where your donation can go! The following are categories that can your donation can be designated to go towards:

- ASHRAE Research - immediate funding available for research projects
- Young Engineers in ASHRAE (YEA) programs
- Education (ASHRAE Learning Institute)
- ASHRAE Scholarship Fund
- ASHRAE Foundation - Endowed Research and other Funds
  - WV ASHRAE Chapter has an Endowment Fund
- RP General Fund

100% of the donations received for RP go toward the programs for which it is donated! In fact, every $1 that is donated to Research actually becomes $2 toward funding research projects due to the matching funds from ASHRAE Society.

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

For more information on how you can support ASHRAE RP, please contact or Chapter RP Chair, Jennings Davis, at c192rp@ashrae.net or visit [https://www.ashrae.org/technical-resources/research/ashrae-rp](https://www.ashrae.org/technical-resources/research/ashrae-rp).