



November 2022 Newsletter

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NOVEMBER 2022 NEWSLETTER



An ASHRAE International Premier Chapter

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Upcoming Dates

November 12, 2022: NEED Energy Education Workshop - Fairmont University

November 16, 2022: Joint Meeting with WVSHE - New Herbert Hoover HS Tour and Discussion

January 18, 2023: UV Technology – Presented by Lorrie Todd

February 4-8, 2023: ASHRAE Winter Conference - Atlanta, GA

February 15, 2023: Decarbonization - Presented by Trane

**Please JOIN [WVASHRAE](#) and WVSHE for a Joint Meeting on
Wednesday, [November 16, 2022](#)
Scheduled from 11:45 am - 1:15 pm EDT**



The Nov 16 WV ASHRAE Chapter Meeting is a free tour of the New Herbert Hoover High School in Kanawha County. The building is nearing construction completion (~80%). Harper Engineering provided the MEP design for the project. Key building features are vertical geothermal water source heat pumps for each classroom located in a mechanical closet, DOAS (ERV) rooftops connected to the geothermal loop, and LED lighting on occupancy sensors.

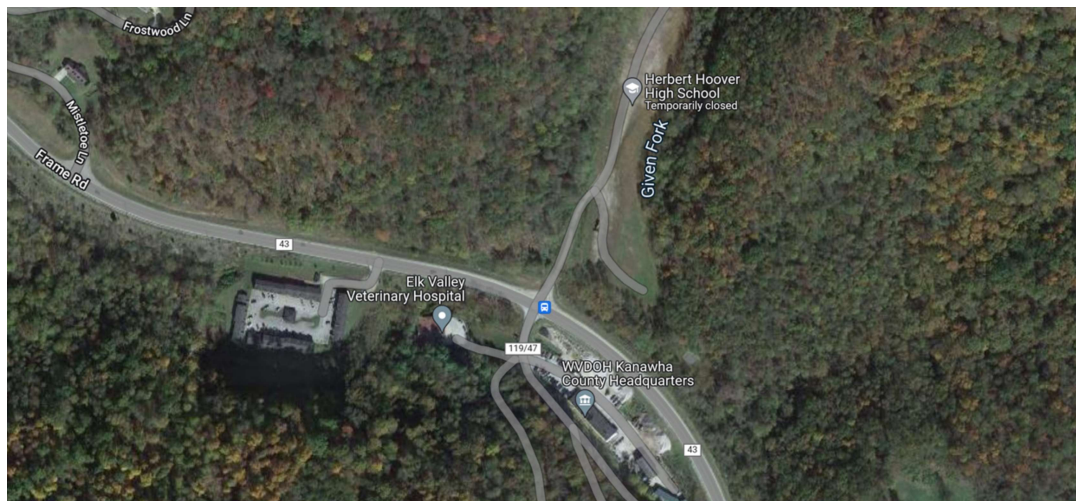
The West Virginia Society for Healthcare Engineering (WVSHE) will join us. Darian Swiger with WVU Medicine is coordinating their participation.

Please arrive around 11:45 am. Bring a hard hat for this tour and wear appropriate shoes/boots for a construction site. We will have some loaner hard hats available.

At 12:00 the ASHRAE group has tour the school, while the WVSHE group will have a business meeting with lunch. At 12:30 WVSHE will tour the school, while the ASHRAE group has lunch and a chapter meeting.

Box lunches can be ordered for \$10/each by November 15 by emailing Terry Hollandsworth at thollandsworth@wvashrae.org. Note how many meals are needed. Payment is to be made to Terry when you arrive for the event.

Directions: Take Interstate 79 to Exit 9 (Elkview/Frame Road). Go south on Frame Road toward route 119. Go approximately one mile on Frame Road, turn left into Herbert Hoover (Directly across from WV DOH Elkview Office) Go to the Office or construction office to sign in.



NEED is coming to WV Schools
West Virginia Energy Education Workshop
November 12, 2022
8:00 a.m. to 3:00 p.m.
Fairmont University Falcon Center

The NEED Project is a non-profit organization focused on classroom based energy education. They are bringing their program to WV Schools this year. Their program is focused on training teachers who in turn use the NEED program modules to teach students about energy. Students can use this information at school and home. Their motto: Energy for me!

The WV Energy Office, Marshall University Energy Education Center and WV ASHRAE are Supporting Partners of this Workshop.

For more information and to register, visit:

<https://www.need.org/event/2022-west-virginia-energy-education-workshop-fairmont-wv/>.

Building Operator Certification Opportunity!



The Building Operator Certification (BOC) is the Nation's leading competency-based training and credentialing program for building engineers and maintenance personnel. Graduates make their buildings more comfortable, efficient and environmentally friendly, thanks to skills they master from the classes.

Building Operator Certification (BOC) Level I

This eight-week course series teaches building operators to find practical, low-cost and no-cost efficiency solutions by working with existing systems. Independent research shows that BOC operators consistently save energy and money in their facilities, up to \$20,000 per year, thanks to energy conservation projects, air quality improvements and other initiatives. Plus, the savings are instant and continuous.

BOC Level I provides an overview of the building envelope and reviews the design, operation and maintenance of energy-using systems and equipment.

Click [here](#) to download a flyer or visit:

<https://www.pct.edu/business/clean-energy/building-operator-certification>

Grant to pay for cost of the training course is available!

If a WV State Building or WV School building owner would have a candidate, and are participating in the Energy Benchmarking program (either now or getting started), and would like to attend this certification program, the opportunity to receive a grant to pay for this course is available. Sitting for the Certification exam is also included. This type of training is supported through a grant from the West Virginia Office of Energy.

If anyone wishes to attend or wants more information, please contact Terry Hollandsworth at thollandsworth@wvashrae.org or at 304-668-9042

Training Opportunity!



Efficient and Healthy Schools is presenting two Webinars in November!

November 8, 2022 - 10am PT/1pm ET: Recognition Kickoff

[Register Now](#)

- The U.S. Department of Energy (DOE) and Berkeley Lab will outline the new [2022/23 Recognition program](#).
- [DOE will discuss grants](#) for energy improvements.
- Columbia Public Schools in Missouri will share their experience receiving 2022/23 Recognition for implementing energy efficient HVAC retrofits resulting in improved indoor environmental quality.

November 15, 2022 - 10am PT/1pm ET: Decarbonization for Schools

[Register Now](#)

- A speaker from National Renewable Energy Laboratory will share resources for decarbonization of existing schools, including tools and guides from DOE's [Better Buildings Initiative](#).
- You'll also hear from an engineering firm about their work in schools on decarbonization.

WV Governor's Energy Summit

The West Virginia Office of Energy hosted their annual Governor's Energy Summit this past week at Stonewall Resort. The main topic of focus was Building West

Virginia's Energy Future and how recently passed federal laws will impact the future of energy in the state.

It was also a time where three prominent people were recognized for their service to West Virginia. Dr Bhaskaran Gopalakrishnan, Dr. Kenneth Means, and Arthur Hallstrom were proclaimed by West Virginia Governor Jim Justice as Distinguished Mountaineers. Their countless, dedicated hours of service to the state have made a lasting impact that continues to benefit and shape students, professionals, and businesses and they express their heartfelt gratitude to these gentlemen. Congratulations to these three professionals!

Art Hallstrom had the following to say about the event:

"Many ASHRAE members attended this recent event sponsored by WV Energy Office, Marshall Energy Education Center, and WV ASHRAE. WV ASHRAE members attending included Chapter President Garrett Weaver, VP Terry Hollandsworth, Karen Lasure, Dr Ken Means, Jeffrey Brown, Art Hallstrom, Xavier Walter, Margie Phillips, and many others. This was a well attended event with about 160 attendees.

A presentation by WV NETL covered how they are working on how to use hydrogen as an energy source. NEEP, the Northeast Regional Partnership, covered their support for WV and the State Energy Office. A number of electric vehicles were on display. A Rivian truck, Electric Bus, Electric Semi. Tesla Car, and a fast charger station showed these new technologies. I found the discussion on how to charge the school buses very interesting. It is more the plug power. Bus driver time is also a factor.

The Mayor of Summersville covered the hydroelectric dam they own. Turns out they could get a lot more output if the Corp of Engineers would let the pool height vary based on need versus a fixed date change. He is trying to get it changed and sounds like he will continue."



2023 ASHRAE Winter Conference and AHR Expo

February 4-8, Atlanta

ASHRAE is looking forward to returning to Atlanta – home of the new ASHRAE Global Headquarters. The ASHRAE Winter Conference will be held February 4-8, 2023, at the Omni Hotel at CNN Center. The AHR Expo is February 6-8 in the Georgia World Congress Center. This is the largest HVAC show in the US. <https://www.ashrae.org/conferences/2023-winter-conference-atlanta>

Membership Update

Congratulations and welcome to our newest WV ASHRAE members:

- **Xavier Walter, Building Performance Association - Residential Code Trainer, Auditor. Owns a WV Campground that has plans to go carbon free in the future.**
- **Todd Perrine, Trane Technologies. Todd has joined the Chapter Program Committee.**
- **Emmitt Pepper, Consultant for WVEO and EEVW. Works with WV Cities on benchmarking, auditing and energy reduction projects.**
- **Travis Taylor, Miller Engineering**
- **Jerry Priddy II, Premier Energy Systems**
- **Anders Hallstrom, AERO Engineering**

Update: ASHRAE Members now have several grades of membership. Fellow, Full Member, Associate, Affiliate, Student Branch Advisor, and Student. Job experience is the main qualifier for getting a higher society grade. If you are an associate with more than 10 years experience, please apply for the full member upgrade at [ASHRAE.org](https://www.ashrae.org)! The Society Dues are the same for these two grades. If you want help doing this contact the Chapter MP Chair, Art Hallstrom, at ahallstrom@wvashrae.org.

Fun Facts:

What firms have WV ASHRAE Chapter Members?

Here is the latest:

Accu-Temp, Inc.
 AD Hall
 Advanced Facility Design LLC
 Blackmore & Glunt Inc
 Building Performance Association
 Carrier Commercial Service
 Casto Technical Services
 CBRE
 City of Morgantown
 Clearon
 CMTA, Inc
 Conestoga College
 Darnold & Lyons Heating and Cooling
 Emerson Swan
 Energy Systems Group
 Engineered Building Systems
 Fire & Ice Heating & Cooling
 Firsching, Marstiller, Rusbarsky & Wolf Eng

HABCO
Harper Engineering, pllc
Harris Brothers Roofing & Sheetmetal
Innovative Energy Solutions
ITTS
Jacobs
Mason & Barry, Inc.
McDonough Bolyard Peck, Inc.
Michael Baker International
Midwest Spec
Miller Engineering Inc
National Council on School Facilities
Omega Facility Services
Premier Energy Systems
Raytheon
Standard Air & Lite
Stanley Steemer
Stephany Associates, Inc.
The Thrasher Group, Inc.
Thermal Balance Inc
Trane Technologies
Tri State Roofing & Sheet Metal
Utron
West Virginia University
WV Dept of Education
WV Office of Energy
WV University Institute of Technology
ZDS Design/Consulting Services
ZMM Architects and Engineers, Inc

[WV ASHRAE Website](#)[Email - WV ASHRAE](#)[LinkedIn](#)

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