

FEBRUARY 2018 NEWSLETTER



An ASHRAE International Premier Chapter

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Upcoming Dates:

March 2, 2018: WVU Student Branch meeting, YEA Social and WVU Student Rec Center Tour

March 21 - 22, 2018: WV EXPO (ASHRAE DL - Terry Townsend)

April 19, 2018: Training/Trade Show - Geothermal Systems (ASHRAE DL - Alan Niles)

April 19, 2018: ASHRAE Webinar



ENGINEERS WEEK

FEBRUARY 18-24, 2018

Founded by the National Society of Professional Engineers (NSPE) in 1951, EWeek (February 18–24, 2018) is dedicated to ensuring a diverse and well-educated future engineering workforce by increasing understanding of and interest in engineering and technology careers.

Today, EWeek is a formal coalition of more than 70 engineering, education, and cultural societies, and more than 50 corporations and government agencies. Dedicated to raising public awareness of engineers' positive contributions to quality of life, EWeek promotes recognition among parents, teachers, and students of the importance of a technical education and a high level of math, science, and technology literacy, and motivates youth, to pursue engineering careers in order to provide a diverse and vigorous engineering workforce. Each year, EWeek reaches thousands of schools, businesses, and community groups across the U.S.

JOIN **WVASHRAE** at the **WV EXPO**

Wednesday, **March 21, 2018**

for a Chapter Meeting and 4 Educational Seminars



Seminar attendees will earn **1.0 PDH** certificate from **WV ASHRAE** for each seminar attended.

Meeting Schedule:

9AM-10AM - Chapter and BOG Meeting

10AM-11AM - Getting From AEDGs to Net-Zero Energy Buildings - Terry Townsend

11AM-12PM - Steps Toward Achieving Advanced Energy Performance in Existing Buildings - Terry Townsend

1PM-2PM - What HVAC System is becoming very popular in the world and why? - Art Hallstrom

2:15PM - 3:15PM - Ethics in Design & Construction- Terry Townsend

Presenter **Terry Townsend, P.E.** - Past ASHRAE President and Distinguished Lecturer



Terry E. Townsend, P.E., Fellow ASHRAE, is president, Townsend Engineering Inc., Chattanooga, Tennessee, and Panama City, Florida. In 2006-07, he served as president of ASHRAE, where he focused the Society's efforts on The ASHRAE Promise: A Sustainable Future, highlighting ASHRAE's work in sustainability in the building environment. His achievements as president include launching ASHRAE's first ever certification program, accelerating and expanding the Advanced Energy Design Guide series, setting more stringent savings for ASHRAE's energy standard, and proving resources on how ASHRAE can minimize the impact of its meetings on the environment.

For more information, please visit the WV ASHRAE page at: <http://www.wvashrae.org/march-21-2018-expo.html>

Questions ?? Contact:

Shane Hall - President WASHRAE

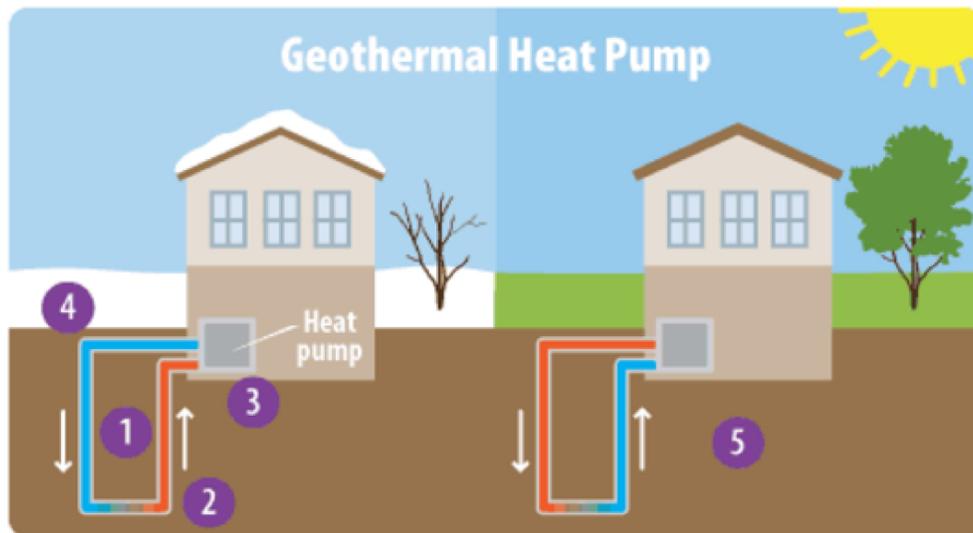
c192@ashrae.net or SHall@mwspec.com

WV ASHRAE 3rd Annual Day of Training/Trade Show

Thursday, April 19, 2018

Days Inn - Flatwoods, WV

Focus is on Geothermal/Water Source Systems



Seminar attendees will earn **1.0 PDH** certificate from WV ASHRAE for each seminar attended.

COLLEGE STUDENTS: We will be working with our partner Sponors of this Day of Learning to also make this a Career Fair for potential Internships and Employment opprtunities. We urge you to not only take advantage of this Day of educational training classes, but also the chance to meet a future employer. We hope to see several of you there!

Schedule:

8:30AM-9:30AM - Design and Economics of Commercial Ground Loop Heat Pump Systems

(AIA/USGBC approved for 1 Credit Hour) - presented by Alan Niles

9:30AM-10AM - Break and visit Sponsors/Vendors

10AM-11:30AM - Panel Discussion on Geothermal/Water Source Systems and Equipment

Presentations by Local HVAC Equipment Suppliers followed by open discussion

11:30AM-1PM - Buffet style Lunch, visit Sponsors/Vendors

1PM-2PM - Net-Energy Water Loops: A Clear Path to Net Zero Energy Buildings

presented by Alan Niles

2PM-2:30PM - Break and visit Sponsors/Vendors

2:30PM-3:30PM - Indoor Air Quality Measurement and Control Technology

Registration details:

General Attendee Registration includes access to all training sessions and vendor/sponsor area, continental breakfast and buffet style lunch in Visions, the restaurant at Days Inn.

Sponsor/Vendor Registration includes all General Attendee access and meals for one (1) representative, as well as one (1) booth space with table and electricity. A General Attendee registration fee is to be paid for each additional attendee accompanying the Primary Sponsor/Vendor registrant.

Early Online Registration Costs:

General Attendees - **\$59**

Students - **\$20**

Sponsor/Vendor Registration - **\$229** (on booth space, table and electricity - bring your own cords)

ASHRAE RP Sponsorship:

Your additional Sponsorship of our endeavors is greatly appreciated. Levels of Sponsorship are:

GOLD: \$500

SILVER: \$350

BRONZE: \$200

Your company name will be displayed at the Trade Show Entrance and on our website.

Visit the [WV ASHRAE 2018 Training/Trade Show](#) page for more information and to register.

West Virginia Legislators taking action to update State Building/Energy Codes

West Virginia is taking action to allow for an update to the State Building Energy Codes.

West Virginia adopted ASHRAE 90.1-2007 for Commercial Buildings in early 2013 to statute. Since then, all the other states surrounding WV have adopted newer ASHRAE 90.1 Standards. Ohio, Kentucky, Pennsylvania and Virginia are on 90.1-2010 or its equivalent and Maryland is equivalent to ASHRAE 90.1-2013. Overall, 43 States have energy codes more progressive than WV, of these, seven have adopted ASHRAE 90.1-2013 or 2016.

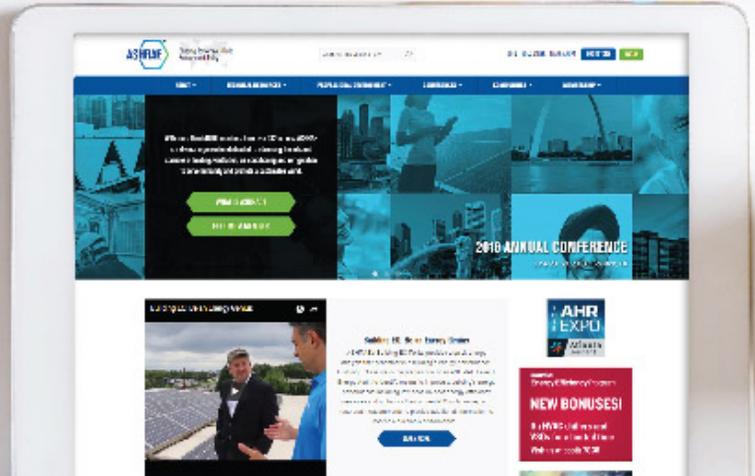
statue and allow the Legislative Rule, State Building Code, to adopt the codes. Legislators introduced House Bill HB-4444 and Senate Bill SB-565 to remove ASHRAE 90.1-2007 (and IEEC 2009 for residential) from the state statutes. Later this spring, the State Fire Commission's, Legislative, Codes and Regulatory Committee, which is chaired by Ted A. Shriver, Architect, who was just elected to another term thru 2021, will be seeking input on which version of ASHRAE 90.1 Standard they should adopt. This new code could be ASHRAE 90.1-2010, 2013 or 2016. The WV ASHRAE Chapter will be providing the committee and the commission with input on the three Standards in March. If any WV ASHRAE member would like to be involved in this process, please contact Mr. Art Hallstrom, P.E., WV ASHRAE GGAC Chair at c192ggac@ashrae.net before **February 24**.

West Virginia is starting to Energy Benchmark State K-12 Schools

This effort, led by the State Energy Office and WV Office of School Facilities will be assisted by the WV ASHRAE Chapter. ASHRAE members involved in energy management benchmarking efforts with WV Public K-12 Schools are asked to let Art Hallstrom, Chapter GGAC Chair, (c192ggac@ashrae.net) know which schools or districts they are currently working with. Schools not signed up for will be offered to other engineers willing to do pro-bono support in benchmarking and Energy Star submissions. This is a multi-year project and will likely involve other groups like MEEA, SEEA, NEEP and NEED. The newly committed support from these other groups will help in the effort to make WV school buildings competitive with those in other states.

U.S. Department of Energy Requests Input on Energy Conservation Standards FINAL WEEK FOR COMMENTS!!

The U.S. Department of Energy (DOE) is evaluating the potential use of a market-based mechanism such as an averaging, trading, fee-based or other type of market-based policy mechanism for the U.S. Appliance and Equipment Energy Conservation Standards (ECS) program. DOE is soliciting input on this approach, and published a [Request for Information](#), with comments due on or before **February 26, 2018**. For more information and to submit comments, please click [here](#).



ASHRAE is excited to announce the new ashrae.org site is now live! The site is device responsive so you can easily navigate through pages on your smartphone, tablet or computer. And even though it's new, they're sure you'll quickly find what you're looking for thanks to streamlined content and mega-menus offering more information at a quick glance. Additional key features that you'll be excited about:

- Enhanced Amazon Elastic search engine provides thousands of relevant results from ashrae.org, ASHRAE's Bookstore, ASHRAE's Technology Portal and more.
- The opportunity for locally-targeted content based on a website visitor's location. This feature will continue to evolve over time as content is made available (so some may see it sooner than others).
- Aggregated social feed showcasing Society and industry related news from around the world.

You can learn more about the new website and watch a quick video overview of key features. We hope you find the new site easier to navigate and more accessible. Your questions and comments are welcome; please send them to communications@ashrae.org. Thank you for your support of ASHRAE!



ASHRAE Launches New Building Energy Quotient Portal

ASHRAE has announced the recent launch of the [Building Energy Quotient \(Building EQ\) Portal](http://Building EQ Portal), which provides a faster, more automated approach to receive a Building EQ Performance Score.

“The primary goal of the Building EQ program is to promote more energy efficient buildings and give owners actionable recommendations to improve a building’s energy use,” says Hugh Crowther, Building EQ committee chair. “We’re excited to launch this integrated resource that will help users identify opportunities to lower building operating cost and make informed decisions to increase value.”

To find out more, visit the [Building EQ](#) page on ASHRAE.org.

Save the Date for the ASHRAE Webcast

By: ASHRAE Staff

SAVE THE DATE

April 19, 2018 | 1:00pm - 4:00 pm EDT



Making Energy Efficiency a Reality

ASHRAE Webcast | April 19, 2018

Is advanced technology alone solving the case for energy efficiency? Delivering meaningful energy efficiency in buildings often requires debunking myths about building products, performance and solutions. This webcast will focus on strategies and policies that dive into deep efficiency goals. Featured ASHRAE speakers will address myths and realities they’ve discovered through real life experiences. Viewers will learn how a practical design approach can help achieve optimum energy performance in commercial and high-rise residential buildings across the globe. With varying climates and economies, one must consider a holistic approach when assessing a building and its systems.

ASHRAE CERTIFICATIONS

DOE Approves ASHRAE Certifications:

Two ASHRAE certification programs, the Building Commissioning Professional (BCxP) and the Building Energy Assessment Professional (BEAP), recently received recognition by the Department of Energy for meeting Better Buildings Workforce Guidelines (BBWG). The Better Buildings Workforce Guidelines program establishes a clear set of guidelines that industry stakeholders are able to leverage towards the development of successful training and certification programs. These guidelines have streamlined pathways for both new and experienced professionals to improve skillsets and show potential employers that they meet desired qualifications for commercial building projects.

ASHRAE offers the following Certifications for Industry Professionals:

- [Building Energy Assessment Professional \(BEAP\)](#)
- [Building Energy Modeling Professional \(BEMP\)](#)
- [Commissioning Process Management Professional \(CPMP\)](#)
- [High-Performance Building Design Professional \(HBDP\)](#)
- [Healthcare Facility Design Professional \(HFDP\)](#)
- [Operations and Performance Management Professional \(OPMP\)](#)

Please visit the ASHRAE Certifications website for more information:

<https://www.ashrae.org/education--certification/certification>



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