

2018 DAY OF LEARNING/TRADE SHOW



An ASHRAE International Premier Chapter

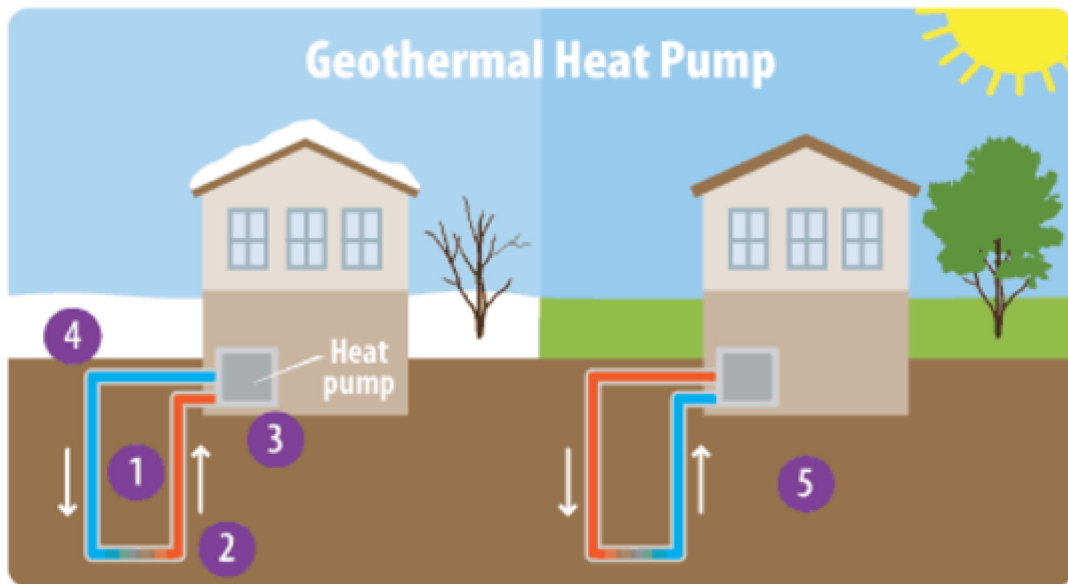
**ONLY ONE WEEK REMAINING UNTIL OUR
WV ASHRAE 3rd Annual Day of Learning/Trade Show**

Thursday, April 19, 2018

Days Inn - Flatwoods, WV

Focus is on Geothermal/Water Source Systems

**This event is open to ALL! You do not need to be an ASHRAE or WV
ASHRAE member to attend this event.**



**What if you could pay Nothing, Zip, Zero, Zilch
to heat and cool a building?**

According to the EPA, the geothermal system has the lowest life cycle costs

of Any heating and cooling system on the market today. Energy savings of 30-70% are common when switching from standard heating and cooling systems. Want to learn more?

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

COLLEGE STUDENTS: We will be working with our partner Sponsors of this Day of Learning to also make this a Career Fair for potential Internships and Employment opportunities. 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:

- 8AM-8:30AM** Registration and Sponsor/Vendor setup
- 8:30AM-9:30AM** Design and Economics of Commercial Ground Loop Heat Pump Systems - presented by Alan Niles
(AIA/USGBC approved for 1 Credit Hour)
- 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

Featured Presenter - Alan F. Niles, ASHRAE Distinguished Lecturer



Alan Niles is a mechanical engineer with over 29 years of experience working for manufacturers of commercial water source heat pumps (WSHPs) and ground loop heat pumps (GLHPs) concentrating on commercial tower/boiler system design and commercial geo-exchange system design. Since 2009, he has been at WaterFurnace International, a manufacturer of commercial 6 Pipe Modular Heat Recovery Chillers and commercial Water Loop and Ground Loop Heat Pumps. Alan Niles is currently in his second two-year term as a Distinguished Lecturer for ASHRAE, speaking on the topics of economics and design of commercial ground loop systems. In 2013, Alan Niles' article "Net-Energy Water Loops," published in the August edition of HPAC (Heating/Piping/Air Conditioning) Engineering, introduces the use of the water loop systems as the integral building block for a building-wide net zero energy

system. And in March 2015, cosponsored by HPAC Engineering, Alan held a nation-wide webinar on the use of the net energy water loop combined with

simultaneous chilled water/hot water production using 6 pipe heat recovery chillers to achieve net zero energy goals.

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: (We ask that you register by April 13, 2018 so we can provide an accurate count of attendees to arrange for lunch and continental breakfast)

General Attendees - **\$59**

Students - **\$20**

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

ASHRAE RP Sponsorship:

Your additional tax-deductible 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 Day of Learning/Trade Show](#) page for more information and to Register.

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