

# NOVEMBER 2021 NEWSLETTER AND MEETING ANNOUNCEMENT



**An ASHRAE International Premier Chapter**

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## **Upcoming Dates**

**November 18, 2021** - Applying VRF successfully by a VRF systems expert - In person and Virtual

**February 4, 2021** - Ethics for Engineers - In person and Virtual

**March 23, 2021** - WV EXPO - Zero Energy Buildings, Decarbonization in WV, IAQ update - In person only

**April 28, 2021** - Day of Learning/Trade Show - Flatwoods, WV - In person only. Includes WV HVAC focused Product Show

## **What new money is coming to WV?**

From ACEEE, the infrastructure bill currently includes (among other programs):

- \$3.5 billion in new funds for weatherizing homes of low-income households
- More than \$1 billion for building energy codes, new revolving loan funds supporting commercial building and home upgrades, public school and

federal building upgrades, and worker training

- \$39 billion in additional public transportation funds; however, these funds are paired with much larger investments in roads and highways that sustain an energy-intensive transportation system
- \$7.5 billion primarily aimed to install more electric vehicle chargers and \$2.5 billion for zero-emission and alternative fuel school buses
- \$150 million to boost industrial assessment centers that help small manufacturing plants identify possible efficiency improvements, and a new \$400 million grant program to help plants implement them
- \$500 million for industrial demonstration projects and \$50 million for smart manufacturing

WV ASHRAE Chapter Member Karen Lasure, WV State Energy Office, plans on updating us on what WV will see once she finds out. Stay tuned.

David A Cotton, PE, LEED AP BD+C  
WV ASHRAE President and GAC Chair

## **Our November WV ASHRAE Meeting is this Thursday, Nov 18.**

### **Meeting Details:**

**Arrive around 10:15 AM Eastern Time. The November Chapter Meeting starts at 10:30 AM , ends at 11:30 AM. Next is lunch followed by the Technical Program from Noon -1:15 PM.**

**There are two ways to attend. 1) In person at the FIRESIDE GRILLE in Hurricane, WV or 2) Virtually - coordinated by our very own WV ASHRAE Virtual Meeting Host Billy Smith. Sign up now and Billy will send you the GoToMeeting link on Wed.**

**Note: You can attend the meeting, the presentation or both. It is one meeting in two parts.**

### **November Technical Presentation:**

**A VRF expert will go into detail on how to successfully apply VRF systems. – This presentation is geared toward a tutorial style on Variable Refrigerant Flow (VRF) systems and will include discussion on the following topics:**

- How VRF works and typical equipment in a system
- Water source VRF systems – why water source
- Difference - multi zone split unit & VRF
- VRF Project Concept & Design discussions
- ASHRAE 15 code requirements
- Market segments where VRF can be used
- VRF for LEED projects

### **Featured Presenter**



**Vipul Chandra, BE, MBA, LEED AP:** Vipul Chandra is a Regional Account Manager with Johnson Controls Hitachi and has worked with Johnson Controls for 14 years. He is a mechanical engineer with an MBA in marketing and is a LEED accredited professional. He is currently based in Toronto, Canada.

Vipul will be presenting virtually to all attendees from his location in Canada using the WV ASHRAE Chapters new presentation hardware. style.(Think Meta meetings. We are trying it out, WV style.) Note: In-person attendees will have a better opportunity to ask the speaker questions.

### **Attendance Options/Prices:**

**In-Person ASHRAE Member and guests:** \$25 (Presentation and lunch), Chapter Meeting is free.

**In-Person Student Member:** \$15. (Presentation and lunch), Chapter Meeting is free.

**Webinar/Virtual Attendee:** FREE. (No lunch option.)

Sign up for any option with the button below. We are looking forward to seeing you there.

[Attendee Registration](#)

### **In-person Location Details:**

Fireside Grille, [439 State Route 34, Hurricane, WV 25526](#). Easy to get to. Between Charleston and Huntington. Take exit 39 off of I-64, head south about 1 block. The Fireside is on the west side of the street, just behind the Go-Mart.

Additional Information is available on the [wvashrae.org](http://wvashrae.org) website. PDH certificate for **1.0 hours** will be provided to all attendees of the technical presentation on request.

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

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