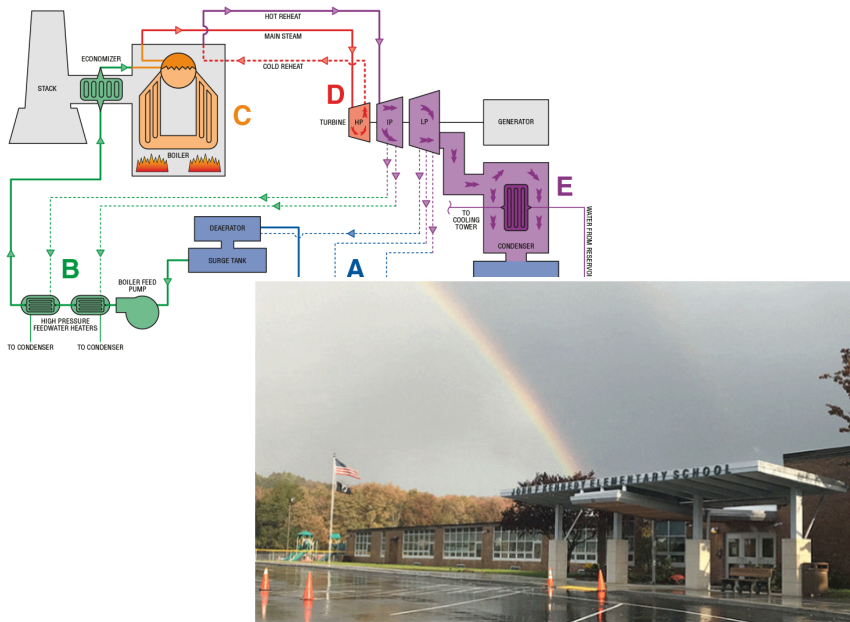


SAVE THE DATE

Monthly Meeting
November 13th, 2019

2 PDH'S



Location:

**Casa Rina of Thornwood
886 Commerce St
Tornwood, NY**

5:30-6pm Welcome and Networking

6-7pm Technical Presentation

7pm Dinner

7:15-8:15pm Main Presentation

RSVP to:

Stephanie O'Dea

Stephanie.L.ODea@gmail.com

646-765-6549

Technical Presentation: Why Consider Micro Cogeneration?

This presentation provides an overview of how power is generated, it explains Heat Rate which is a measure of energy to produce 1kW of electricity, and goes into depth on why cogeneration is an effective tool to fight climate change and reduce fuel costs at the same time. Schematic layouts, applications, component requirements, etc. will be discussed.

Main Presentation: Optimizing Hydronic Systems for Schools

This presentation covers many topics and reviews a unique HVAC system layout that is specifically well suited for schools. We explore a hybrid 4-pipe plant with 2-pipe terminal distribution that works with a dedicated outside air system (DOAS) to provide the option for heating or cooling in each terminal space. The integration and benefits of dual wheel ERV's integrated with a VAV system are demonstrated. The energy efficiency and flexibility of air cooled, gas-fired absorption heat pumps are reviewed, along with discussion on better pipe materials, and means of optimal balancing and control of hydronic systems.

Presenter Bob Barrett: Bob Graduated from RPI with a B.S. in mechanical engineering and minor in psychology in 2000. He has worked for GE Power Systems as a Co-Op in the small steam design group. He then became a Sales Engineer for Carrier Corporation for 7 years before working at his current position at Wallace Eannace Associates for the last 10 years in the New York City area, covering the engineers in northern NJ, southern NY and parts of NYC. At this point in his career, he feels he has represented nearly every type of HVAC and plumbing product in a building.

Upcoming Meetings:

December 11th – Bull and Barrel Brewery – ASHRAE Holiday Party, Main Presentation by Belimo

January 8th – Casa Rina of Thornwood – Air Purification & Energy Savings Via Bi-Polar Ionization