

2024 TRANE ENGINEERS NEWSLETTER LIVE EVENTS

Westpark Training Room
Boxed Lunch at 11:00 AM
ENL starts at 11:30 AM

[RSVP HERE](#)

Wednesday, March 6, 2024 **Electrified Heating System Control Strategies**

Electrified Chiller-Heater systems are becoming more prevalent and related control strategies are maturing. This program will cover plant control and design tools for various chiller-heater systems including those with heat recovery, auxiliary heat, and energy storage. Topics covered will include system configurations and control characteristics, system modes, decision matrices, sequences, as well as strategies for monitoring and grid interactivity.

Wednesday, May 1, 2024 **System Controls for Applying ASHRAE Guideline 36**

ASHRAE Guideline 36 provides uniform sequences of operation for HVAC systems that are intended to maximize the systems' energy efficiency and performance, provide control stability, and allow for real-time fault detection and diagnostics. This presentation covers updates of Guideline, concentrates on hydronic and airside systems, and methods to deliver control systems using the guidance provided.

Wednesday, September 4, 2024 **Retrofitting Hydronic Heating Systems**

The use of electrified heating solutions has moved to the forefront of hydronic heating design and appears daunting to many engineers, specifically in the retrofit market. Eighty percent of buildings that will be operational in 2050 have already been built, and the approaches to electrified heating systems vary from building to building. Today's equipment options don't allow for drop-in boiler replacements.

Wednesday, November 6, 2024 **Modern Unitary Heat Pump Applications**

Introduction to various heat pump configurations from traditional heat pumps to dual fuel heat pumps that are available today to support electrification and decarbonization initiatives. We will review heat pump terminology, how to size heat pumps based on ASHRAE climate zones and selection of auxiliary heat along with CO2 emission reduction and energy consumption as compared to traditional gas/electric and electric/electric rooftop units.

Register here at: <https://huntontane.com/training/>

February 2024