



ASHRAE REGION II - Chapter Regional Conference London (Grand Bend), Ontario

Distinguished Lecturer Presentations

Day 1: Fri Aug 25, 2023 9:30am to 10:30am Room: Birch North

DL Presentation#1

Doug Cochrane – ASHRAE Director at Large

Topic: Building EQ and ASHRAE HQ

ASHRAE's on line's best kept secret. The portal allows to get not only an energy and carbon score but getting energy efficiency measures to improve them.

Day 2: Sat Aug 26, 2023 10:00am to 11:00am Room: Private Dining

DL Presentation#2:

Badri Patel, BEAP

Topic: Variable Refrigerant Flow (VRF)

Variable Refrigerant Flow (VRF) systems have rapidly become widely accepted HVAC solutions in North America in recent decades. Buildings account for 30 to 40 percent of the world's greenhouse gas emissions. Specifically, space heating in North America consumes the most energy in buildings. The benefit of simultaneous heating and cooling with electric-run VRF, when applied correctly, can substantially reduce reliance on nonrenewable energy resources, also scoring on energy efficiency and decarbonization.

Learning objectives of this presentation focus on fundamentals and unique configuration of VRF systems, how they compare to other HVAC systems and complementary HVAC equipment, design strategies and applications, important milestones during the pre-sale to post-occupancy phases a project, and awareness of challenges and contemporary development related to VRF.