

Prior to leaving the conference room area, Rob will provide a brief overview of the Eaton “Red” Data Center. Next, we will enter the demonstration room where we will examine a section of low voltage metal enclosed switchgear with active arc flash mitigation.

Following the arc flash session, Rob and Eric will offer an abbreviated tour of the Eaton “Red” data center. Eaton’s two Kentucky data centers house many thousands of servers running critical applications, petabytes of storage as well as the necessary networking and security components. The applications in the data centers support manufacturing, supply chain, finance and many other critical functions on a global scale 24/7. We’ll explore the incoming electrical distribution from the 12.47kV incoming utility feed down to the server racks on the whitespace. This will include a brief overview of the mechanical systems as well.

Biography:

Eric Elwell holds a Master of Engineering in Electrical Engineering from the University of Louisville. His career includes roles in automation and energy efficiency at PepsiCo’s KFC R&D group; engineering positions at Pfeiffer Engineering; and SCADA, power distribution, and electrical safety work at Ford’s Louisville Assembly Plant. He later led advanced engineering initiatives at Yum! Brands, contributing to patented technologies for Kentucky Grilled Chicken. Since 2008, he has been with Eaton Corporation, progressing from field service engineer to Senior Application Engineer. Eric is a licensed Professional Engineer, an IEEE Senior Member, and vice-chair of the Louisville IEEE section.

Rob Rich is one of four mission critical facilities engineers who run the Eaton Data Centers. He joined Eaton in 2010 and moved to KY during the building and commissioning of the data centers. He holds a BS degree in Electrical Engineering from Gonzaga University (where he played basketball in the early 90’s) and MS in Engineering Management from New Jersey Institute of Technology. He has over 30 years of experience in mission critical facilities operations.