



# Louisville Section Technical Meeting

Date: Tuesday, November 8th, 2022

Time: 5:30 - 6:00 PM – Sign-In and Visitor Badges in Lobby  
6:30 PM – Dinner  
7:00 PM – Presentation followed by Control Room tour

Location: LG&E Broadway Office Complex  
820 West Broadway  
Louisville, KY 40202

Parking: Rear lot, Cawthon Street security gate. Guard will direct you into the building.

Price: \$15 members and guests, \$10 Life Members and Fellows, and \$5 for Students (cash or check)

Menu: Catered Meal by Feast BBQ. Vegetarian available on request.

RSVP: Jason Finn  
Email: [jason.finn@lge-ku.com](mailto:jason.finn@lge-ku.com)

Note: We must notify Feast 72 hours in advance to order. Please RSVP if you intend to eat.

**Topic: SCADA and Remote-Control Operations for Natural Gas**

**Speaker: Mr. Brian Lenhart III, Group Leader, Gas Control Room Management Engineering**

## **Abstract:**

For over 100 years, natural gas has been known as a safe, cost-effective fuel source used in home heating and cooking, commercial, and industrial processes, and more recently power generation. As the industry has matured, so have the tools and technologies that are used to control the pipelines, valves, and regulators that are critical to the operation of the system. Supervisory Control and Data Acquisition (SCADA) systems, along with PLCs and RTUs in the field, provide the operator with real-time capabilities to monitor and control the gas pipeline network which allows for improved operation and emergency response. In this talk, Brian will discuss how LG&E

utilizes the SCADA system to safely deliver natural gas from the transmission pipeline to the customer's home.

**Biography:**

Brian Lenhart is the Group Leader, Gas Control Room Management Engineering at Louisville Gas and Electric. He holds Bachelor's and Master's degrees in Electrical Engineering from the University of Louisville, as well as a Master's in Business Administration with concentration in Finance from Bellarmine University. He has 9 years of experience in Gas Utility Operations – 4.5 years in Gas Engineering working on transmission pipeline capital construction projects, and 4.5 years in Gas Control leading the companies' SCADA and remote control operations for nearly 400 miles of transmission pipeline. His responsibilities also include management of the company's program to support Control Room Management compliance, as well as TSA Security Directive compliance related to Operational Technologies. His interests include SCADA system configuration and management, remote automation, and cybersecurity controls.