



Louisville Section & PES Chapter Joint Technical Meeting

Date: Thursday, February 25, 2016

Time: 11:30 AM – Reception
12:00 AM – Lunch
12:15 AM – Presentation

Location: University Club of Louisville
200 E Brandeis Ave, Louisville, KY 40208

Directions: <http://www.uclublouisville.org/location/>

Menu: Terrace Room Buffet, with soft drinks and/or tea. Dessert included.

Price: \$15 for members, \$10 for senior/life members, and \$5 for students

RSVP: Andy Dozier, Section Treasurer
Email: adozier@controltouch.com
Cell: 502-523-0785

Topic: SCADA Implementation, Louisville Downtown Grid Network

Speaker: Jason Tipton, LG&E SCADA Project Manager

Abstract:

The Louisville downtown electrical grid network is approximately 1 square mile. Within this square mile are nearly 200 electric vaults, most of which are below the sidewalks. Contained in all these vaults are over 400 medium voltage transformers, with accompanying intelligent equipment that keeps LG&E customers safe and protects LG&E and customer equipment.

Until the SCADA project was implemented, LG&E had no way of monitoring equipment. Now we can verify that all equipment is working properly, and that the load on the

equipment and the physical environment of the electric vault. This presentation will review the SCADA architecture and usage of the system.

Biography:

Jason Tipton has a Master's Degree in Electrical Engineering from the University of Louisville. He has 10 years of electrical engineering experience as a PLC programmer, and as a maintenance engineer for several processing lines in a steel plant. For the past 6 years, Jason has worked in the electrical utility industry.

Jason's major focus has been on the Louisville Downtown Grid Network department. In this department his day to day responsibilities include maintenance and inspections of all transformers and associated equipment, and management of the SCADA project for his department.