



Robert Fuhr

Professional Engineer

Bob Fuhr is an electrical engineer with over 40 years of experience. He first worked at Madison Gas & Electric Co. and continued his career at General Electric Co. and the University of Washington. In 1986, he established PowerStudies, Inc., a consulting firm that specializes in power systems studies, power quality services, and electrical safety training services.

With PowerStudies, Inc., Bob is a certified LV/HV instructor who teaches customer electrical safety, harmonics, protective device coordination, arc flash hazard assessment, power factor correction, short circuit calculation, filter design, and equipment operation seminars and workshops. He also teaches seminars on arc flash energy calculations and reducing arc flash energy.

Career Highlights

e-Hazard **2006-Present**
Professional Engineer

PowerStudies, Inc. **1986-Present**
President

- Designs control systems for circuit breakers, metering circuits, transformers, protective relays, gas turbines and generators
- Performs short circuit, protective device coordination, arc flash, harmonic, load flow & other power system studies for industrial, commercial, and governmental clients
- Investigates power quality problems and installs monitoring equipment; investigates and repairs power delivery equipment issues and control circuits (analog and digital)
- Co-designed 115 kV substation and 13.8 kV distribution system for Boeing - Renton Facilities
- Certified LV/HV Electrical Instructor

University of Washington **1986-1989**
Senior Facilities Engineer

- Re-commissioned the electrical power distribution system for University Hospital

General Electric Company **1980-1986**
Field Engineer

- Performed commissioning and start up tests on a multitude of power distribution equipment.

Snapshot

Focus

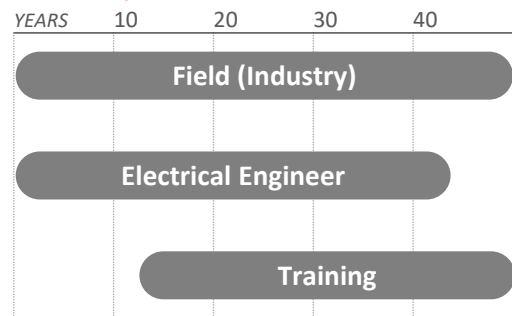
TRAINING

- Low Voltage
- High Voltage
- Utilities

SERVICES

- Arc Flash Studies

Career Experience Timeline



Education

University of Wisconsin, Madison, WI
B.S., Electrical Engineering

Licenses & Professional Memberships

Register Professional Engineer, Alaska, Arizona, California, Colorado, Nevada, Oregon, and Washington

Institute of Electrical and Electronics Engineers (IEEE), Senior Member

Industrial Applications Society (IAS), Officer and Chairperson

Electric League of the Pacific Northwest, Member