

Steven T. Rasmussen, BSEE, CESP



Experience

- 2018** **e-Hazard** **Louisville, KY**
Electrical Safety Instructor
- Conduct electrical safety training focused on NFPA 70E and OSHA 1910.269
- 2003** **Eaton** **Minnetonka, MN**
Applications and Analysis Engineer
- Applications analysis includes projects for large outside clients in Short Circuit/Coordination/Arc Flash Hazard Analysis; Power Distribution Feasibility/Budgeting Analysis; Power Distribution Design – Installation; Project Management, etc.
 - Provide training services in electrical safety and arc flash hazards for internal and external clients. Deliver training to multiple manufacturing locations and provide basic electrical training for new hires. Develop and deliver electrical and arc flash safety training (NFPA 70E/ OSHA) to multiple large outside clients including general industry, government and utilities.
 - Zone Safety Representative
- 1998** **Siemens AG**
Senior Applications Engineer, Industrial Services Division, Siemens Energy & Automation, Inc.
- Siemens AG purchased the Westinghouse services group in 1998.
 - Provided negotiation support and technical expertise in power systems applications and performed analysis studies for municipal utility and large industrial customers.
 - Extensive knowledge of SKM Systems, Inc. software tools for the analysis of electrical power systems, from the DOS versions through the latest release of Power*Tools for Windows.
- 1986** **Westinghouse**
- Joined the Engineering Services Division, which evolved into Consulting, Advisory & Training Services (CATS).
- 1984** **Jacobs Wind Electric/EESI**
Principal Engineer, Power Distribution
- Headed the team that designed and installed the Power “collection” systems for major wind generator facilities in California and Hawaii.
- 1973** **Westinghouse**
Field Service Engineer for Apparatus/Engineering Services Division

- Responsible for installation, startup, problem diagnosis, warranty repair and maintenance of a broad spectrum of Westinghouse and other manufacturers' electrical transmission, distribution and utilization equipment.
- Gained specific expertise in power systems analysis and coordination, protective relay application, AC adjustable speed drives, medium and low voltage switchgear and large power transformers.

Education:

- 2018: Attended Train the Trainer qualified class for low-voltage and high-voltage instruction for NFPA 70E
- Bachelor of Science in Electrical Engineering, South Dakota State University

Professional Affiliations

- Master Electrician – Minnesota
- Member, Institute of Electrical and Electronics Engineers
 - Industry Applications Society
 - Power & Energy Society (formerly Power Engineering Society)
- Certified Electrical Safety Compliance Professional (NFPA)