

RESUME

Russ J. Fostiak, P.E.

Associate

Electrical Engineer

Education: Bachelor of Science Degree – Electrical Engineering – University of Illinois, Champaign, 1972.

Registration: Professional Engineer, State of Illinois

Experience: Mr. Fostiak became an Associate of the Essex Partnership in 2007. In 2004, he established Fostiak Engineering, LLC – a consulting firm offering services to the electric utility industry. Prior to 2004, he was Senior Vice-President and Deputy Group Leader of Power Systems at Montgomery Watson Harza (MWH) where he shared responsibility for all administrative and technical activities performed within the Power Systems Group. Career highlights include the following:

- Generation. Mr. Fostiak has served as a lead electrical engineer and project manager on numerous hydroelectric projects throughout the world. Some of the more notable projects include the upgrade assessment for the Northfield Pumped Storage Project and design of the Bath County and Rocky Mountain Pumped Storage Projects in the United States. He is an active member on the Hydroelectric Subcommittee of the IEEE and is instrumental in the development of new standards for the hydroelectric industry.
- High-Voltage Electrical Transmission Systems. Mr. Fostiak has served as the lead engineer on numerous high-voltage installations up to 800 kV. He designed one of the earliest installations of 500 kV GIS at the Bath County Pumped-Storage Station in Virginia and has participated in the design of similar installations in other parts of the world. Mr. Fostiak was part of the design team that designed the double-circuit 800 kV transmission structures from the Guri Hydroelectric complex in Venezuela.
- Electrical Distribution Systems. Mr. Fostiak has served as the Consultant to the City of Chicago, Cook County, Electricidad de Caracas, University of Michigan, Universal Studios and the City of Peru, IL, in assessments of performance and reliability of electrical distribution systems. Mr. Fostiak's experience in the design of various project distribution systems has made him a recognized industry leader in this area.
- Renewable Energy Resources and Energy Efficiency. Mr. Fostiak was the lead consultant in an assessment of the impact that the Governor's proposed plan for renewable energy resources and energy efficiency in the State of Illinois will have on existing generation and regional air quality. He is a member of Chicago's Climate Research Advisory Council that focuses on mitigation and adaptation strategies caused by the forecast climate change.