

Grid Reliability Consulting, LLC

David W. Hilt, President
11550 Woodland Hills Road, Marion, IL 62959
618-751-0316 dwhilt55@gmail.com



David W. Hilt, P.E., President and Owner, has over 40 years of experience in electric power system engineering, operation, and regulatory activities. He has been a manager responsible for the design, specification, and construction of electric substations from distribution to EHV including protective relaying. He has also managed transmission and resource planning activities for a major Midwestern electric and natural gas utility providing expert testimony before FERC and state regulators for transmission expansion and 20 year resource plans. Mr. Hilt has directed the development and installation of state estimation and OASIS systems for a Midwestern Reliability Coordination Center. As a Vice President at NERC, he led the development of the compliance monitoring and enforcement program for the bulk-power system reliability standards in North America working closely with the industry, FERC, and Canadian regulatory authorities. He also developed audit programs and event analysis and investigation processes. While at NERC he led the investigation of the August 2003 blackout in the Northeastern United States and Canada providing the technical input to the U.S. – Canada Power System Outage Task Force report. Mr. Hilt's recent experience includes assessment of risk from physical attack, cyber security, and grid resiliency.



Areas of Expertise

- Bulk-power system planning, design, and operations
- NERC Reliability Standards, compliance, and event analysis/investigation
- Resource planning and economic analysis
- Regulatory interface, testimony, and support
- Project development and management

Experience and Background

- | | |
|---|-------------|
| • Vice President, North American Electric Reliability Corp. | 1999 – 2010 |
| • Director, Mid-America Interconnected Network Inc. | 1996 – 1999 |
| • Various Management Positions, Central Illinois Public Service | 1983 – 1996 |
| • Design Engineer, Missouri Utilities Company | 1978 – 1983 |

Accomplishments and Industry Recognition

- Registered Professional Engineer in Missouri and Illinois
- IEEE senior member
- EPRI Innovators award recipient
- Published articles in several trade journals

Education

- Bachelor of Science Electrical Engineering – Power Systems Focus
University of Missouri - Rolla – 1977