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EnerNex Overview

Electric Power Research, Engineering, and Consulting

EnerNex is a research, engineering, and consulting firm specializing in the development and application of new electric power technologies. Our focus is to aid in the understanding and solution of electric power related issues, as well as the development of technology and expertise that will ultimately improve the operation and reliability of electric power systems.

As experts in power systems analysis, control, integration and technologies, our extensive engineering and analytical capabilities and understanding of electric utility systems can help you move forward in a time of change in the industry. EnerNex practices an evolutionary, standards-based approach to solving real-world power systems operational problems using a variety of classical and advanced methodologies and technologies. EnerNex is the pre-eminent engineering consulting firm for the **Electric Power Industry**.

Our Clients

Smart Grid Engineering Client References:

BC Hydro // California Energy Commission
CEA Technologies Consumers Energy
EPRI // Entergy // ENMAX
National Institute of Standards and Technology
Southern California Edison // TVA
US Department of Energy
US Department of Homeland Security

Power Systems Client References:

GE Energy // Georgia Power // ISO New England
MN Department of Commerce
National Grid // Nebraska Power Association
National Renewable Energy Laboratory
Northeast Utilities // Pacific Corp
Rosendin Electrics // Sandia National Laboratories
Utility Wind Integration Group // Xcel Energy





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EnerNex Overview

EnerNex Experts

EnerNex offers a cross-cutting blend of experience in engineering, utility business practices, information technology, and energy policy that few others can match. Our staff combines these disciplines in a way that offers our clients a balanced set of solutions capable of meeting a wide range of challenges. EnerNex is at the forefront of technology and integration issues for large-scale wind generation and is leading efforts to build tools and models for better understanding of the impact of wind plants on transmission network operations and utility distribution systems.

We have conducted harmonic and transient analysis projects associated with the upgrade and expansion of the Northeast and Northwest transmission grids, projects related to the reliability and security of the electric power grid, and are currently working with government agencies and electric utilities on R&D efforts related to utility communications, architecture and policy initiatives.

EnerNex Services

EnerNex is a research, engineering, and consulting firm specializing in the development and application of new electric power technologies. Our focus is to aid in the understanding and solution of electric power related issues, as well as the development of technology and expertise that will ultimately improve the operation and reliability of electric power systems. We offer services organized around these areas of emphasis:

- ▶ Power Systems Analysis
- ▶ Wind Integration
- ▶ Information Security
- ▶ Systems Monitoring & Analysis
- ▶ Testing and Research & Development
- ▶ Smart Grid Development
- ▶ Advanced Metering Infrastructure
- ▶ Utility Communication Architecture & Implementation
- ▶ Utility Automation
- ▶ Demand Response & Energy Efficiency

