



Demand Response

EnerNex Expertise

We offer our clients a unique combination of expertise in **demand response program design**, utility system architecture, power systems engineering, communication network design, utility business practices, energy product markets, and a fundamental understanding of policy and its impact on the operation and reliability of the electric power grid. Our synergistic combination of **technical, regulatory and policy knowledge** enables us to offer customized services in all aspects of demand response.

EnerNex has experience with all the major components associated with **demand response**, including:

- *Time-Based, Critical Peak, and Real Time Pricing Programs*
- *Load Control/Curtailment*
- *Integrated Outage Management and Demand Response*
- *Demand Response for Maintenance Purposes*
- *Advanced Meter Infrastructure (AMI)*
- *Automated Meter Reading (AMR)*
- *In House and Third Party Programs*
- *Billing and Customer Information Systems*
- *Customer Interfaces and Engagement*
- *Telecom and Network Communication*
- *Integrated Advanced Distribution Automation and Metering System*
- *Distributed Energy Resources*
- *Energy Procurement*
- *Asset Installation and Maintenance*
- *Program Review and Benchmarking*

Our 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**

