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## EnerNex Overview

### Electric Power Research, Engineering, and Consulting

As experts in grid modernization, power systems analysis, control, and integration, EnerNex offers a cross-cutting blend of expertise in engineering, utility business practices, architecture, thought leadership, information technology, and energy policy that few others can match. EnerNex is at the forefront of confronting integration issues for distributed energy resources and is leading efforts to apply the technologies that determine the engineering and economic impact of the electric grid's transformation on transmission network operations and utility distribution systems.

#### EnerNex Focus Areas

1. Utility Infrastructure Engineering and Analysis
2. Power System Modernization
3. Renewable Energy Integration
4. Grid Technology Development
5. Utility Business Evolution

**EnerNex works closely with each client to develop requirements, designs, and solutions which meet the client's exact needs. Client satisfaction is a key to continued success, and EnerNex is proud of its high percentage of repeat-client business.**

EnerNex's technical expertise encompasses all aspects of smart grid and power system engineering, and our expertise in Program Management and System Engineering ensures each project meets its technical, cost, and schedule



requirements. EnerNex leverages its program management practices for national and international projects, including the NIST SGIP project, for which EnerNex received the 2013 Project Management Institute (PMI) Distinguished Project of the Year award.





# EnerNex Overview

## Services

EnerNex's focus is to help solve electric power related issues and to develop technology and expertise that will improve the operation and reliability of electric power systems through the 21st century and beyond. EnerNex utilizes our expertise on projects across the globe to advance our energy future.

### Recent Smart Grid Engineering Projects

- Distribution System Investment Planning
- Renewable Integration Cost Analysis
- Utility Business Model and Strategic Investment Roadmaps
- Business and Technical Requirements Development
- AMI and DA Consulting
- Utility Communications and Architecture
- Cyber Security Considerations Consulting
- Investments and Acquisitions Analysis

### Recent Power Systems Consulting Projects

- Harmonic and Transient Analysis
- Power Quality Studies
- Reliability of Transmission Grids
- Distributed Energy Resources Integration
- Microgrid Development
- Distribution Resource Planning
- Energy Storage System Analysis

## Clients

**EnerNex has performed Grid Modernization Activities for hundreds of companies including:**

- Southern California Edison
- Hawaiian Electric Company
- National Institute of Standards and Technology (NIST)
- Electric Power Research Institute (EPRI)
- Apple
- New York Power Authority
- Commonwealth Edison Company (ComEd)
- Duke

**EnerNex has performed Power Systems Analysis for more hundreds of companies including:**

- Electric Power Research Institute (EPRI)
- General Electric
- ISO New England
- National Grid
- New York ISO
- NSTAR Electric
- U.S. Department of Energy
- Xcel Energy
- Consulting Engineers Group

