

Eaton's Energy Solutions

Making buildings work better

EATON

Powering Business Worldwide



Dedicated to creating sustainable facilities

Our engineering services optimize building performance for our clients by using proven methods that lower energy consumption, improve comfort, increase system performance and maximize productivity.

Eaton's Energy Solutions include specific technology applications:

- Lighting and lighting control
- HVAC systems
- Electrical systems
- Water and wastewater systems
- Building automation and controls
- Building envelope — insulation, windows, daylighting
- Renewable systems
- Solar photovoltaic
- Biomass
- Georexchange
- Central plants



Georexchange



HVAC systems



Renewable systems



Central plants

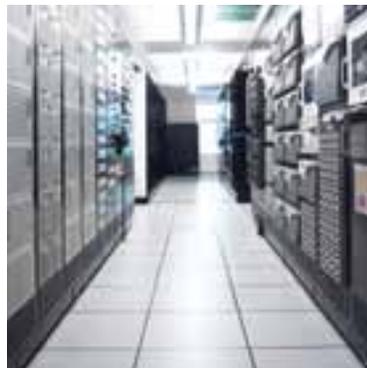
For more information and case studies, visit www.eaton.com/energysolutions



Our objective is to help our customers achieve their goals.

We have performed hundreds of successful projects in virtually every building type and environment in a variety of markets.

- Federal, state and local governments
- K-12 schools and universities
- Healthcare
- Commercial
- Industrial
- Laboratories and research institutions
- Data centers
- Water and wastewater treatment





High performance green building design

Eaton understands how to integrate cutting-edge mechanical, electrical and building automation system technology into real-world solutions. Our goal is to design buildings and systems that will have a smaller energy footprint and a much smaller impact on the environment.

- Green building systems
 - Technology specific solutions
 - Control and automation
 - Metering systems
- Renewable / alternative systems
- Co-generation
- Geoexchange
- Utility / central plants
- Retrofit and renovation

Facility optimization

Our facility optimization services provide assurance to facility owners and operators that their new and existing buildings will operate as efficiently as possible over their life cycle.

Facilities are tested and functionally verified to operate at optimum performance.

- Commissioning (Cx) – new construction
- Retro-commissioning (RCx) – existing buildings
- Energy modeling
- Building system optimization
 - Building management system
 - Energy management system
 - Building envelope
 - HVAC, lighting, boilers, chillers, water
- On-going performance assurance of facility improvements
 - Re-commissioning
 - On-going commissioning
 - Monitoring-based commissioning (MBCx)
 - Measurement and verification (M&V)
- Advanced utility metering systems
- Service and support
 - Maintenance management
 - Operations and maintenance (O&M) training



Energy engineering and consulting

At Eaton we provide engineering services that are based on sound engineering practices and principles that are innovative, flexible and technologically advanced. Our capabilities enable us to evaluate the overall needs of our clients and guide the decision-making process to ensure optimum technical solutions.

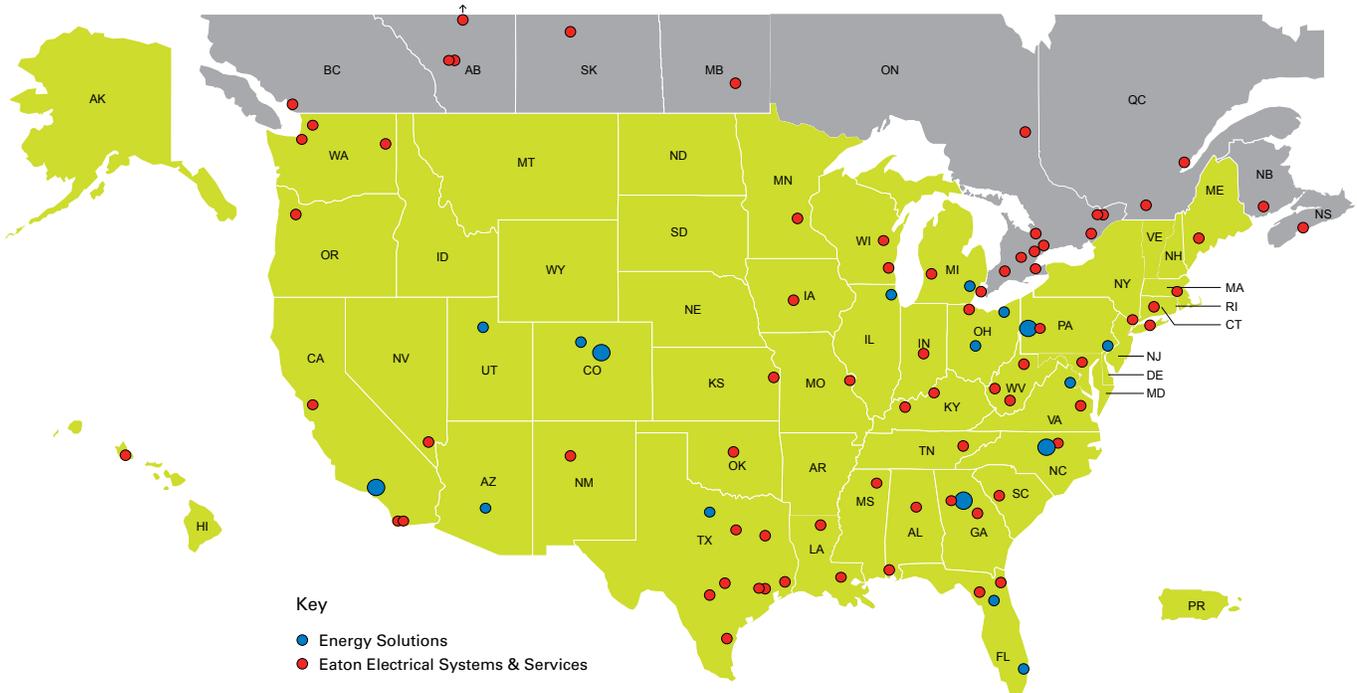
- Energy management and strategic planning
- Energy audits / energy analysis
- LEED consulting / LEED team management
- Demand response
- Energy program and infrastructure master planning
- Water resource management

Advanced project implementation

Our clients are looking for intelligent and creative ways to implement facility improvements. Whether driven by energy savings, interior environment concerns or aging infrastructure, our customers' needs are specific yet their means to implement solutions vary. Eaton has a complete suite of project implementation services and financial options that can be customized to meet each client's unique requirements.

- Retro-commissioning implementation
- Project / construction management
- Turnkey services
- Renewable/alternative energy system and technology integration
- Automated controls, smart buildings, technology and system integration
- Financial solutions
 - High bonding capacity
 - ESPC / performance guarantees
 - Third party financing
 - Leveraged funds, grants and low interest bonds
 - Rotating funds for on-going improvements
 - Program funding development
 - Integration of tax credits, utility programs
 - Utility rate negotiation (supply-side management)

Strength in numbers



Eaton's Energy Solutions is a subset of a larger Eaton Electrical Systems & Services team which includes more than 1,000 engineers, specialists and technicians organized around a combination of national resource centers and local operations centers. Wherever you are, we are never far away.

Eaton's projects consistently meet or exceed the expectations of our clients, and we are proud of how we work to develop projects tailored to their very specific needs. We take pride in staying on schedule and within budget.

One of our primary strengths is the quality of our people. Our staff is made up of experienced engineering professionals who are experts in their fields. Many of them are registered

professional engineers who hold certifications as Certified Energy Managers, LEED Accredited Professionals and Certified Commissioning Agents.

We have built a reputation as an Energy Solutions Provider by helping our customers achieve their sustainability pursuits via world-class energy engineering and technology solutions that reduce energy consumption and thus reduce energy expenses.

Eaton Corporation
Electrical Sector
1111 Superior Ave.
Cleveland, OH 44114
United States
877-ETN-CARE (877-386-2273)
Eaton.com

© 2010 Eaton Corporation
All Rights Reserved
Printed in USA
Publication Number BR02722003E / 3PC
December 2010