

Your need

To meet mandates. U.S. Government buildings are subject to various energy reduction plans required to be implemented within five years. These buildings include:

- Courthouses
- · Correctional facilities
- Municipal centers
- Schools
- · And more...



Your opportunity

The ARRA is making it easier to implement once cost-prohibitive upgrades that ensure compliance with these mandates:

- The Energy Independence and Security Act of 2007 (EISA)
- The Energy Policy Act of 2005 (EPACT)
- Executive Order 13423 (Strengthening Federal Environmental, Energy and Transportation Management)
- Metering of building use of electricity by 2012
- Reduction of overall energy use by at least 30% by 2015
- Increase the usage of electricity from renewable energy sources by more than 7.5% by 2013

Our solutions hierarchy

- 1. Energy audit
- 2. Infrastructure upgrades
- 3. New technology applications
- 4. Systems integration
- 5. Energy-conscious culture



It starts with an Eaton Energy Audit

- Eaton's team of engineers can perform an audit to pinpoint ways to establish a performance baseline.
- Identify the best ways to meet those needs with upgrades.
- Our audits play a critical role in:
 - Reducing operating cost
 - Equipment heat mitigation
 - Short circuit testing
 - Training
 - Alternative energy options
 - Reducing energy consumption
 - Meeting government mandates
- · Our team of engineers will:
 - Pinpoint ways to save energy and operate more efficiently
 - Identify the most costeffective ways to meet those needs with infrastructure upgrades

Upgrade your infrastructure with Eaton products

- Modern technology circuit breakers
 - Low voltage replacement power circuit breakers - 600V
 - Medium voltage vacuum replacement circuit breakers
- Circuit breaker reconditioning: all manufacturers, all vintages
- Trip unit upgrades on low voltage power circuit breakers
- Uninterruptible Power Supplies
- Motor Control Centers (all types)
- Power factor correction
- Phase balance
- Harmonic distortion
- · Remote trip/reset
- Monitor
- · Retrofit interiors (all classes)

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Realize savings tied back to your systems integration from:

- Reduced maintenance and reduction of energy usage
- · Increased uptime
 - SCADA systems
 - Software
 - Electrical metering
 - Integrated Facilities Systems
 - Sustaining operations

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Save energy through innovative technology applications

- Electronic metering and software
- System alert when usage levels exceed predetermined benchmarks
- Metering database and monitoring system for all electric, gas and water usage in a building
- Centralized energy monitoring and control capabilities
- Custom reports to verify compliance to mandates
- · Lighting control panels
- Motor drives
- · Solar applications
- Car charging
- Energy-efficient transformers can operate 30% more efficiently

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Build your energy culture

- · Meet Federal mandates
- Achieve 40% of credits required for LEED certification through Eaton products
- Education and training will elevate the visibility of your facility upgrades
- · Awareness of:
 - Mandates
 - Energy usage
- Power factor correction
- · Financial planning
- Project management

Why work with Eaton?

Eaton's Electrical Services and Systems team offers a comprehensive portfolio of services tailored for every stage of a building's life cycle — whether it's analyze, design, build or support. These customerfocused solutions are brought to you by our team members, galvanized by extensive experience and an ethical corporate culture. Your satisfaction is guaranteed.

Eaton's superior performance is measured by a proven track record in the industry:

- Our capabilities ensure top-quality service on all equipment manufactured in the past 60 years all manufacturers, all vintages
- Our 1000 service personnel across North America can support you your aging electrical equipment 24/7
- Our expertise goes beyond simple product service to include System and Arc Flash Mitigation studies
- Our warranty program gives you the piece of mind you need to continue operating confidently

