

# Eaton can help your building go green



## An Eaton Green Solution

Going green—using natural resources wisely while reducing the impact of human activity on the environment—means more than just being environmentally responsible. It's good business too.

Buildings play a key role in our impact on the environment. According to the U.S. Green Building Council (USGBC®), building operations account for more than 70 percent of the electrical energy used in the United States, which can really affect your bottom line.

Take a look at some ways Eaton's portfolio of products, services and information management tools can help your building go green. Collectively, these solutions contribute to more than 40 percent of the Leadership in Energy and Environmental Design (LEED®) credit points through the USGBC.

## The Eaton difference: Inside the green building

### Circuit breakers

Less wattage loss than with fuses; can be reset, while fuses are typically discarded after they fail.

### Refurbishing services

Extend useful life of existing equipment, preserve natural resources.

### Busway

Use less copper and steel compared with cable and conduit; waste less material because busway is built to exact length.

### Uninterruptible Power Systems (UPS)

50% less power loss compared with traditional UPS; 9395 UPS; SMART® Gold Certification\*\*.

### Power factor correction capacitors and filters

Decrease energy consumption and improve power quality.

### Pow-R-Station™ Electric Vehicle Supply Equipment (EVSE)

An electric vehicle (EV) charging solution reduces emissions. Smart Grid-ready technology provides power where you need it, when you need it.



### Solar installations

Electrical Balance of System packages; customized, pre-configured, space and cost savings.

### Power Xpert® software and meters

Monitor energy consumption; identify energy savings opportunities and power quality issues.

### Power-R-Command™ lighting controls

Time-of-day, dimming and daylight savings harvesting; energy savings of 10–30%.

### Integrated Facilities Systems™ (IFS)

Switchboard structure reduces material for power systems; reduces required floor space by 40%.

### Prefabricated product assemblies

Modular designs reduce packaging waste and save space when installed. Integrated power assemblies are preassembled and tested before being shipped.

### Medium Voltage (MV) switchgear

Environmentally friendly insulation, avoids SF6 gas—the world's most potent greenhouse gas.

### Motor controls

Lower the demands on a motor, extending life; energy savings of 10–50%.

### Paralleling switchgear

Manage critical transition from utility power to on-site power sources; make practical use of combined heat and power (CHP).

### CSL-3 and harmonic mitigating transformers

Fewer harmonics means more efficient energy consumption overall; pays for itself three to six times over average life.



## Eaton: A bigger impact on the marketplace, a smaller footprint on the world

At Eaton, sustainability is not an autonomous program or initiative. It is how we do business—and it is an increasing part of our business success. We have been living it for years as "Doing Business Right," and it is central to our vision to become the most admired company in our markets.

Eaton is developing customer solutions that drive sustainable growth around the globe, including efficiently using and conserving global resources, developing energy-efficient products, reducing emissions, protecting the environment, and volunteering time to help build stronger communities.

We are building a culture of responsibility and helping our company support a sustainable future. Here are just a few examples of Eaton's commitment to sustainability.

- Eaton has at least one LEED Accredited Professional in every major North American city.
- Because we believe financial performance and social responsibility go hand in hand, we have combined our annual and sustainability reports since 2006.
- Eaton has joined the World Business Council for Sustainable Development (WBCSD), an invitation-only coalition of 200 leading global companies working to advance sustainable development.
- Eaton was ranked as the #1 greenest company among general industrials and #16 among the 500 largest publicly traded companies in *Newsweek's* 2010 United States Green Rankings.

- In early 2010, we joined the Department of Energy's Save Energy Now LEADER program, pledging to reduce our energy use by 25 percent, indexed to sales, between 2006 and 2016.
- In 2009 we nearly doubled our portfolio of Eaton Green Solutions—products that have proven through rigorous evaluation to deliver exceptional, industry-leading environmental benefits to customers, consumers and our communities.
- Eaton's 9395 UPS is the world's first electrical product to achieve SMART® Gold certification\*\*.

\*\* Sustainable Materials Rating Technology®

Want to learn more? Eaton can help you operate a building in ways that are both smart and sustainable.

Visit our comprehensive site at: [www.eaton.com/greenbuildings](http://www.eaton.com/greenbuildings).

To sign up to receive our sustainability newsletter, go to [www.eaton.com/sustainabilitymatters](http://www.eaton.com/sustainabilitymatters).

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