



Sustainable by Design

Eaton Power Quality Division

Sustainability is meeting the current needs of our society in ways that enable future generations to meet their own needs.

At Eaton, sustainability isn't an autonomous program or initiative. It's how we do business – and it's 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 Sustainability

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.

Throughout Eaton, we are building a culture of responsibility that encourages every employee to adapt greener processes and practices to support a sustainable future. We state, that "Eaton is sustainable by design."

Sustainability Actions

Saving energy and cutting greenhouse gas emissions is central to promoting sustainability and the health of the environment, and when it comes to making more efficient use

of the world's electrical power Eaton is on the cutting edge.

Consistent with our goals, we are fully committed to decrease our greenhouse gas (GHG) emissions by 18 percent by 2012.

Through aggressive waste management—including integrating EHS into our Lean Six Sigma process improvement efforts—we reduced the amount of total waste generated by our global operations by 10.5 percent, indexed for sales, compared to 2006 levels.

We improved our employee health and safety performance, reducing both the number of work-related injuries or illnesses at our facilities (Total Recordable Case Rate) by 25 percent, as well as the number of injuries or illnesses that required one or more days away from work (Days Away Case Rate) by 16 percent.

Eaton's Vision for Carbon Neutral Manufacturing

For many years, Eaton's electrical business has been helping the world to design and build more energy-efficient workplaces and office buildings. Applying that expertise, we've set out to achieve an even more ambitious goal—to design a carbon-neutral manufacturing plant.

One example of a recent environmental achievement in Europe includes our Uninterruptable Power Supply (UPS) plant in Finland which has reduced the energy consumption by 50 percent and reduced both water and mixed waste by 80 percent within the past five years*.

*Proportional to production volume



Powering Business Worldwide

Eaton Corporation is a diversified power management company with 2008 sales of \$15.4 billion. Eaton is a global technology leader in electrical components and systems for power quality, distribution and control; hydraulics components, systems and services for industrial and mobile equipment; aerospace fuel, hydraulics and pneumatic systems for commercial and military use; and truck and automotive drivetrain and powertrain systems for performance, fuel economy and safety. Eaton has approximately 75,000 employees and sells products to customers in more than 150 countries. For more information, visit www.eaton.com

Eaton's Sustainable Products

Eaton's commitment to energy efficiency and conservation extends to innovative products and services that help our customers utilize electrical, hydraulic and mechanical power more efficiently, and improve environmental performance.

Within the electrical division, there are several products that have been certified under Eaton's internal environmental certification process called the Eaton Green Leaf.

The Eaton Green Leaf label is our promise of exceptional, documented environmental performance to customers, consumers and our communities.

Although all of Eaton's products and solutions are designed to meet or exceed government standards for protecting the environment, products and solutions with the Green Leaf designation go well beyond these standards to provide exceptional environmental benefit to the customers and the environment.

Eaton Green Leaf certified electrical products include Pow-R-Command Lighting Control, Power Xpert Metering, SF6-Free Medium Voltage Switchgear, Motor Speed Control (Variable Frequency Drives), Integrated Facility Systems, the 9395 UPS, Protection Station and others.



An Eaton Green Solution

Eaton 9395 UPS Success Story: Washington Department of Ecology

It's Easy Being Green with Eaton 9395 UPS

The mission of Washington's Department of Ecology is to protect, preserve and enhance the state's environment, while promoting the wise management of air, land and water.

When it comes to the department's data center, it is imperative that all of its critical servers and systems remain up and running at all times, with information assessable to the public and stakeholders. "As the data center for the agency, we run state-wide applications and a lot of environmental data bases and monitoring systems that must be available 365 days a year," explains Steve Strope, the department's facility manager.

Earlier this year, hindered by an aging uninterruptible power system (UPS) that was maxed out to capacity, the department sought a new solution that would provide up-to-date technology and the ability to expand as its data center equipment needs grow. "We wanted something that would be supportable for the long haul," notes Strope.

Even more importantly, the department required a solution offering the highest level of availability. "It's very critical," Strope says of the UPS. "If it were to fail, it would shut us down."

Making its competition green with envy, the Eaton 9395 UPS (Powerware® series) was selected from the competition for delivering an unprecedented level of power performance, reliability and energy savings—a combination that proved highly adaptable for the Department of Ecology, which selected the 225 kVA unit.

Thanks to the state-of-the-art 9395 UPS, the Department of Ecology is now able to:

- Provide the highest level of availability for its critical systems at all times
- Benefit from cutting-edge technology, with the UPS's advanced design
- Expand its power protection solution as needed, without having to purchase an additional UPS
- Preserve valuable space in its data center with the 9395's small footprint
- Achieve redundancy for enhanced reliability
- Easily maintain and service its UPS solution

For more information on Eaton and Sustainability, please visit: www.eaton.com/sustainability/greensolutions.



Eaton 9395 UPS