

When your goal is energy efficiency, the solution is **SysteMax**®.

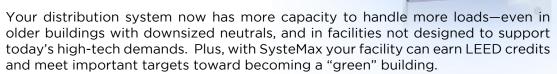
Boost your building's efficiency and reduce costs with SysteMax, the most effective way to retrofit energy savings into your facility.

etrofitting efficiency into your distribution system can be tricky, but not with SysteMax. SysteMax is a patented Harmonic Suppression System that totally eliminates damaging 3rd-harmonic currents system-wide. You'll reclaim usable capacity, boost reliability, and get sustained energy savings like never before. Best of all, SysteMax starts cutting costs from the instant it's installed.

How can SysteMax be the solution to your facility's energy retrofit? Take a look.

SysteMax Saves Energy

SysteMax is the only technology that conquers energy waste at the source: the switch-mode power supplies used in the computers, servers, office machines and other high tech equipment which generate harmful 3rd-harmonic currents. From the moment you connect SysteMax to your transformers, damaging harmonics are eliminated. The result? A system-wide eradication of energy-wasting harmonic currents that shrink capacity, lessen reliability and send energy costs sky-high.



SysteMax Cuts Costs

SysteMax cuts costs by eradicating 3rd-harmonic currents and the money-wasting heat they generate. That means:

- Energy bills drop as much as 8%, with reduced waste and cooling expense;
- Expensive service calls decline, with better system reliability;
- Over-sized transformers and conduits become obsolete, with a "right-sized" distribution system that handles more loads;
- Sustainable efficiency grows, with a patented solution that can pay for itself in 15 months, even as energy costs rise.

SysteMax can reduce the cost of your project itself. Instead of replacing a hot transformer with a new one, simply connect SysteMax. Immediately upon installation, you'll restore reliability and start saving energy.



SysteMax Solves the Real Problem

Maybe you've tried to mitigate harmonics by oversizing the transformers, conduits, switchgear, and by doubling the neutral wires—in an attempt to "accommodate" the excess heat. Or, you may have considered harmonic-mitigating (or "zig-zag") transformers, which claim to cancel out harmonic currents in the transformer's primary and secondary windings.

SysteMax does more, by entirely eliminating harmonic currents from everywhere within the power distribution system—by stopping their generation at the source. You get less heat, less waste, lower bills and a real solution that pays for itself in months.

Reap the rewards of a retrofit done right—with SysteMax

With SysteMax, it's easy to boost efficiency. Installation can be performend by your own licensed electrician. Connecting SysteMax to your transformer takes about four hours; the downtime required is typically less than an hour.

Once installed, your facility immediately achieves:

- Increased energy efficiency
- Improved system reliability and safety
- Restored transformer capacity
- Sustained energy savings over the life of the system

Harmonics Limited: The Leader in Harmonic Suppression Technology

For over 15 years, Harmonics Limited has been help-ing facilities save energy with SysteMax. We've helped customers in the private and public sectors—schools, hospitals, universities, financial institutions, media companies, and others—earn LEED points and other credits, and meet the regulatory requirements of mandates like E-013423 and EISA 2007.

Ready to save with SysteMax? Visit www.HarmonicsLimited.com or call 1 (800) 892-3755 to speak with a SysteMax sales representative today.



Retrofit existing transformers for immediate energy and cost savings.

Right now, SysteMax is helping facilities like these boost efficiency and save money.

- Schools, Colleges & Universities
- Hospitals & Health Care
- Media & Entertainment
- Financial Services & Banking
- Gaming & Casinos
- Data Centers & High Tech
- Commercial Real Estate
- Government

SysteMax Specifications

Power Requirements	None: Completely passive operation
Available Sizes	30kVA to 1000kVA
Enclosure	Steel enclosure with ANSI-61 grey paint
Enclosure Type	UL/NEMA
Electrical System	3-phase, 4-wire type
Ambient Range	-20°C to 40°C

The Harmonics Guarantee

Harmonics Limited products are warranted to be free from defects in materials and workmanship under normal use and service for a period of five years from the date of purchase. Our products are UL certified. We are proud members of the U.S. Green Building Council. www.usgbc.org.







