



TMaG SystemTM

Integrated Power Correction



Reduces Electricity Costs

Features & Benefits

- ✓ Recovers lost revenue
- ✓ Increases system capacity and efficiency of existing electrical distribution system
- ✓ Improves system voltage and motor performance
- ✓ Reduces downtime and premature equipment failure
- ✓ Heavy duty design. Dry type unit with discharge resistor safety system
- ✓ Modular design for system flexibility and expansion
- ✓ Parallel Connection
- ✓ NEMA 3 enclosures standard - optional enclosures available
- ✓ Air-core reactors standard
- ✓ Automatic switching systems available
- ✓ Ventilation system
- ✓ Integrated brackets for easy mounting
- ✓ Blown Fuse Indicator Display
- ✓ 3 Year Limited Warranty

Are you losing revenue? There are no regulations (within the USA) requiring your power company to ensure you are paying the lowest rate, or that the power supplied is used efficiently by your facility. Since these regulations are non-existent, you may not realize that there are technologies and methods available to significantly reduce your energy demand, increase efficiency and recover lost revenue.

The PureMon1csTM TMaG SystemTM improves electrical distribution system efficiency and reduces demand on your facility's transformer. The proven result is **reduced electricity costs.**

The TMaG System allows you to operate your electrical distribution system as needed, but with **superior efficiency, improved voltage and increased transformer capacity.** Reducing system amps equates to reduced kilowatt losses and electricity costs for your facility. *See reverse side for actual meter display results.*

The TMaG System will not cause voltage transients and will not compromise your electrical distribution system or equipment. It is designed for use in low voltage (below 600V) 3 Phase electrical distribution systems with the following equipment:

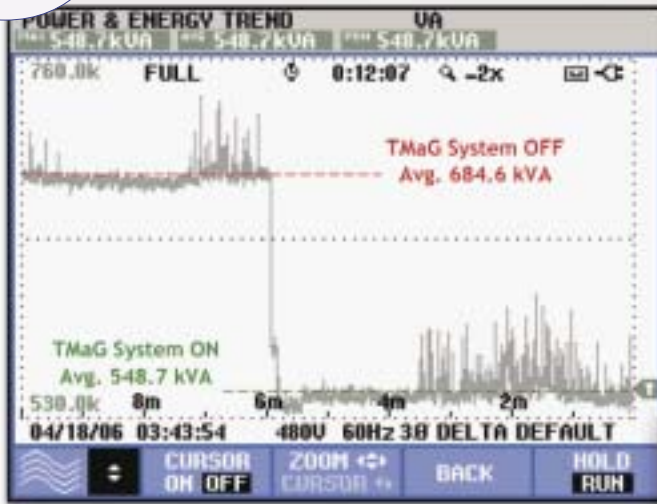
- *Variable Frequency Drives*
- *DC Drives*
- *Solid State Motor Controls*
- *Robotics*
- *Induction Furnaces*
- *Arc-type Equipment*
- *Computers*
- *Uninterruptible Power Supplies (UPS)*

Applications:

- Main Service Entrances
- Buss Ducts
- Feeders
- Motor Control Centers
- Motors

See the proof on your meter display results...

Below are actual meter display results of a PureMon1cs™ TMaG System™ that shows dramatically improved distribution system efficiency and reduced power demand on a 1000kVA main distribution transformer.



Proof #1

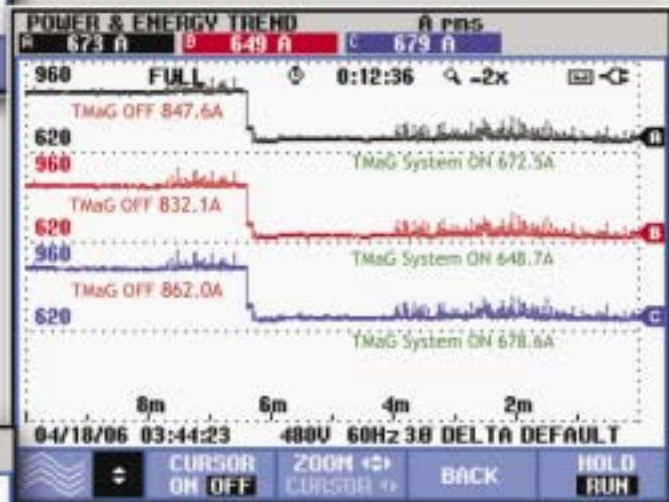
kVA Reduced 20%

Reduced power demand and increased transformer capacity to accommodate increased loads and eliminate transformer up-sizing.

Proof #2

AMPS Reduced 21%

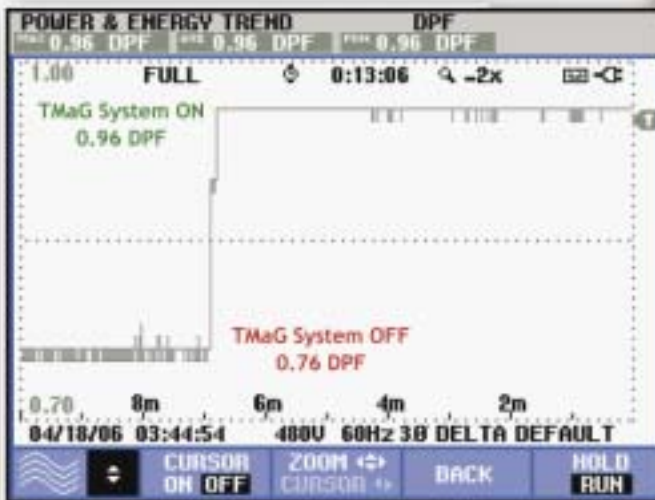
Reduced kilowatt losses and distribution equipment temperatures.



Proof #3

PF Increased 26%

No utility imposed penalties, improved system voltage, more efficient motor performance and extended motor life.



NOTE: Data collected using a Fluke 434 Power Quality Analyzer. Results (as shown above) are application specific and based upon distribution system efficiency and facility load profile.

TMaG System IMPROVES:

- Transformer Capacity
- Transformer Life
- System Voltage
- Motor Life
- Power Factor ($\geq 95\%$)—Eliminate Penalties

TMaG System REDUCES:

- kVA Demand
- System Amps
- System kW Losses (I^2R)
- kVAR Demand Charges
- Electricity Costs
- Motor/Conductor Heat
- Downtime
- O & M Costs
- Risk of Electrical Fires
- Greenhouse Gas — CO₂

Capture Lost Revenue!

CALL a CPI Group Ltd. Sales Representative

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