

USES[®]

Universal Shunt Efficiency System



**Reduces KW Demands &
kWh Consumption By 8% -15%**

What Is Dirty Power

Abnormalities In Power Quality

Interruptions to Smooth Flow of Power

Low Power Factors ~ Unbalanced Phases

Garbled Harmonics and Distortions

Voltage and Frequency Variations

Transient Energy Sags & Spikes

What Causes Dirty Power

Inherent In The Incoming Power Supply

Internal and External LED Lighting

Computers and Various Equipment

**Any Devices With
Controller Frequency Changers**

What USES Does...

Reduces KW Demands & kWh Consumption

Lowers Utility Bills By 8% - 15%

Improves Power Quality & Distribution

Balances Phase & Improves Power Factor

Captures/Recycles Harmonics & Distortions

Suppresses Transient Sags & Spikes

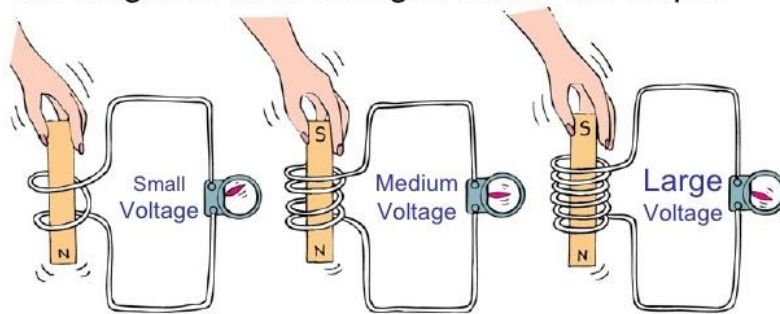
Building-Wide Surge Protection

® USES Protects Motors & Circuitry

Electro~Magnetic Induction

Faraday's Law

The induced voltage in a coil is proportional to the product of the number of loops and rate at which the magnetic field changes within the loops.



USES®

Universal Shunt Efficiency System

Dynamic, Passive & Resonance-free
Magnetic Induction Modules

Generates Real Usable Wattage

Reduces Equipment Demand Calls

*Faraday's Law of Induction
& Lenz's Law of Electro-Magnetic Circuits*

Measurement and Verifications



kWh Consumption Reduction Verification

Immediately Upon Field Installation

USES Effects Are Instantaneous
By Simply Turning It On/Off

REAL POWER

Granite Construction - Bradshaw Asphalt Plant - Real Power
5/15/2012 11:15:00 AM - 5/15/2012 11:30:00 AM



What You Can Expect

TGI Fridays

Normalized Savings Summary	
Normalized kWh Cost Reduction (%)	-9.64%
Normalized Demand Charge Reduction (%)	-3.70%
Monthly Savings from Baseline	\$579.45
Annualized Savings from Baseline	\$6,953.45

Installation Cost	Annual Savings	ROI
\$6,950	\$6,953.45	12.94 Months

University of Virginia

Normalized Savings Summary	
Normalized kWh Cost Reduction (%)	-12.77%
Demand Charge Reduction (%)	0.00%
Monthly Savings from Baseline	\$515.55
Annualized Savings from Baseline	\$6,186.61

Installation Cost	Annual Savings	ROI
\$8,545	\$6,186.61	16.57 Months

Sprouts Farmers Market

Normalized Savings Summary	
Normalized kWh Cost Reduction (%)	-18.16%
Demand Charge Reduction (%)	-21.78%
Monthly Savings from Baseline	\$1,468.83
Annualized Savings from Baseline	\$17,625.95

Installation Cost	Annual Savings	ROI
\$12,500	\$17,625.95	8.51 Months

Patents & Certifications

Underwriters Laboratories [UL]:

File Number: E132743

Category: 5B81 Industrial Control Equipment

Patent Numbers:

US: 5105327 - A.C. Power Conditioning Circuit

US: (Pending) 2012 0194313 - A.C. Power Conditioning Circuit

International: (Pending) WO2012102691 - AC Power Conditioning Circuit

Federal Department of General Services [GSA]:

GSA Contractor: Power Shaver

GSA Contract Number: GS-07F 0422W

Federal Supply Schedule 056: Buildings and Building Materials / Industrial Services

FSC Group 61: Alternate Energy Solutions, Power Distribution Equipment

SIN: 412 – 99: Introduction of New Services and Products related to Power Distribution Equip.

Partial Customer List:

1. Department of Homeland Security, March Air Reserve Base, CA
2. U.S. Postal Service Sacramento Main Office, Sacramento, CA
3. U.S. Federal Court House, Sacramento, CA
4. Daily Republic Newspaper, Fairfield, CA
5. Sacramento Container, Mather, CA
6. Citizens Hotel, Sacramento, CA
7. Jordan Winery, Healdsburg, CA
8. Withrow Dairy, Casa Grande, AZ
9. WCI Brokers, Business Property Advocates , Phoenix, AZ
10. Sierra Nevada Construction Inc., Sparks, NV

