

Proven Solutions

Our goal is to provide our customers with cost effective energy saving devices. We have products that will conserve electrical energy for most any three phase or single phase motor. Lighting retrofits are also a great way to see dramatic electrical energy savings.

With today's rising cost of electricity an Energy Saving Plan can be your way to provide higher profit levels for your business.

Contact us today for a "Technical Energy Survey" at your location.



IntegraPower Installation

100 HP Compressor Before Circuit Master

Power & Energy				
FULL 0:00:21				
	L1	L2	L3	Total
kW				92.6
kVA				109.0
kVAR				57.4
PF				0.85
DPF				0.85
A rms	137	136	136	
	L12	L23	L31	
U rms	462.3	461.1	461.1	
08/22/06 15:41:04 480V 60Hz 3Ø DELTA DEFAULT				
TREND				

100 HP Compressor After Circuit Master

Power & Energy				
FULL 144:21:54				
	A	B	C	Total
kW				92.0
kVA				91.8
kVAR				0.0
PF				1.00
DPF				1.01
A rms	117	115	118	
	AB	BC	CA	
U rms	456.7	455.8	456.1	
10/13/06 10:16:25 480V 60Hz 3Ø DELTA DEFAULT				



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Think "Green"

Energy Saving Products

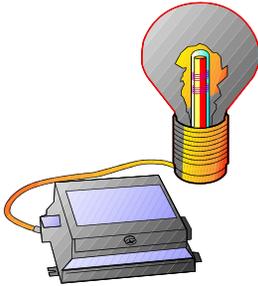
- ◆ Induction Motors
- ◆ Lighting
- ◆ Air Conditioning



Add Money To Your Bottom Line, \$ave Energy

Induction Lighting

- 100,000 hour bulb life
- Low maintenance



Induction lighting is the latest technology for areas that are currently maintenance intensive. Provides a great alternative to HID, eliminates frequent bulb changes, saves energy, provides consistent output, and especially useful in those hard to reach areas.



T5 and T8 high output and efficient fluorescent lighting. Up to 58% savings over HID lighting systems. Retro-fits on older fluorescent systems have up to 38% savings.

IntegraPower

The IntegraPower motor controller is used for control of three phase and single phase motors where the motor is not under a constant load condition. Changing load conditions can generate large amounts of wasted energy. Motors do not utilize their full potential when unloaded and waste the energy you are paying for. The IntegraPower senses these load changes and adjusts to fully utilize the incoming power. This means less energy to be paid for, less motor heat, and longer motor life. The IntegraPower can also be used as a “Soft Starter” and results show up to 29% energy savings.

Circuit Master

The Circuit Master is the technology of choice for a non-changing load condition. The Circuit Master is a blend of technologies that work to eliminate the KVARs generated by a motor, reduce motor current requirements, improve Power Factor and also incorporate Transient Voltage Surge Suppression. The Circuit Master is backed by a guaranteed factory savings amount of 10%. Real world savings is as high as 30% and actual savings are only known after testing on an installed Circuit Master installation.

Air Conditioning

Many factors determine what is the best or a combination of solutions for air conditioning. Both the IntegraPower and the Circuit Master have been used successfully on AC units. The addition of a Pace Control system or adding the refrigerant additive Thermamax can save many dollars in energy cost. Viable solutions are based upon amount of time the unit is on per day, age of AC unit, and size of the unit.

Please contact us for a TES to determine how we can help with saving you money.



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