

## THE SCIENCE OF ENERGY EFFICIENCY –OPTIMIZING AND SAVING ELECTRICITY

### How Global Green Savings uses Basic Electrical Engineering to Save You Money with the "KVAR Energy Saving Power Optimizer"

#### ELECTRIC BILLS KEEP RISING – WHAT CAN YOU DO?

You can "**Go Green**" and save money by becoming more energy efficient in your home and business.

**Global Green Savings** and others in the **Kvar** family install and service "Green Certified" Energy Saving improvements in homes and businesses. The **Kvar** power optimizer will reduce utility bills, save you money, and increase your property's value. Everyone is "**Going Green**" to save our planet and save some money at the same time.

**KVAR** is the acronym for Kilo-Volt-Amp-Reduction. It is simple science. When you reduce your usage of kilowatt-hours, you reduce your electric bill. This is Basic Science and Electrical Engineering. We provide you with a scientific, effective and affordable solution that **saves you money!**

Global Green Savings can reduce your electric bill by installing a **KVAR Energy Saving Power Optimizer** in your home or business. **KVAR** modernizes and maximizes the proven technology of capacitors. Capacitors are a time-honored technology. They have been used by governments and large corporations for decades. Capacitors are Electricity 101, it's that simple. Capacitors act like a booster to your motors, increasing the motors' efficiency. Capacitors also correct another problem that wastes electricity; line loss.

Wasting Electricity is called line loss because electricity dissipates the further that it travels. Electricity is the biggest source of power used in homes and commercial businesses. In March of 2009 National Geographic magazine did a cover story titled: "Saving Energy". National Geographic's story exposed an astonishing FACT:

For every kilowatt-hour used, 2.2 kilowatt-hours are "lost" because of "line loss" as that power is sent over transmission lines and through wiring. Think about that – ***You are paying for 3.2 kilowatt-hours of electricity ... but only receiving 1 hour of useable electricity.***

The other 2.2 kilowatt-hours are wasted because of line losses. This means that approximately 69% of your electric bill is for electricity that **you never actually get to use**. That is actual electricity that is being dissipated and wasted as it travels through transmission lines and then through the wiring in a home or business. This huge amount of non-productive (lost) energy wastes money and also shortens the life of the expensive equipment in a home or business because your equipment is not operating at peak efficiency. Motors and wiring that run hot and inefficiently burn out faster. Our Energy Saving Power Optimizer Capacitors correct this problem of line losses by reclaiming and recycling wasted electricity. Capacitors clean up line losses in your wiring which saves you money. Capacitors correct the two biggest problems that waste electricity – Inefficient motors and Line Losses.

Capacitors are reliable and dependable. They will last virtually forever. Capacitors are sturdy, simple and rugged work-horses. It is only recently that Capacitor technology has been miniaturized and made affordable for the public. Now is the time to put this technology to work for you.

**Florida Power and Light's very own website states the following about Capacitors:**

"Plants with poor power factors can improve their situation by adding power factor correction capacitors to their systems. Power companies like to have their plants use power factor correction capacitors since they lessen the number of amperes needed. Power Factor is how efficiently a motor is operating, and thus how efficiently that motor is using electricity."

**Power Companies recommend Capacitors for their own use**

**ABOUT KVAR OPTIMIZERS**

These are 100% brand-new factory original KVAR Energy Saving Power Optimizers. Made in the USA! These are not cheap imported imitations or knock-offs that you see on the Internet. Non original copies will fail. **Global Green Savings, LLC** is a licensed dealer for **KVAR Energy Savings, Inc., USA.**

The **KVAR Energy Saving Power Optimizer** fine-tunes your electrical system from the motors in your home or business back through the utility company's meter. **KVAR Inc.** has patented a precise methodology for determining the correct amount of "capacitance" that is needed to optimize motors to achieve maximum efficiency and savings.

"Unity" is achieved when a motor is operating at its absolute peak efficiency. KVAR's unique approach serves to reduce heat generated in your wiring and the utility company's lines. Less heat reduces the strain placed on all the electrical components. Electricity that is normally wasted through line loss is reclaimed and recycled by the KVAR Energy Saving Power Optimizer Capacitor. The KVAR Energy Saver significantly reduces demand at your meter by reclaiming and recycling otherwise lost and wasted power. When your home or business has less demand from the utility company you use much less electricity. That **SAVES YOU MONEY EACH AND EVERY MONTH.** The KVAR also increases equipment life and reduces maintenance costs by reducing heat around the motor wiring.

**ENERGY COSTS KEEP RISING!**

FACT: From gas prices to electric bills, energy prices keep on going up and up because of growing demand and dwindling resources. Over your lifetime you can expect to pay more and more for energy and water. The days of cheap energy and water prices are over forever. Like Gasoline prices, ever-rising energy bills are the new reality in our lifetime.

Your electric bill is probably your largest utility bill. Saving energy saves you money and helps to save our planet. The KVAR Energy Saver is guaranteed to save you money on your electric bill. **Consider the following:** You are *already* paying for the KVAR Optimizer every month that you continue to **OVER-PAY** your electric bill. The problem is you are putting your money into the utility company instead of keeping it in your own pocket!

### **THE ENERGY SAVING POWER OPTIMIZER SAVES YOU MONEY FOUR WAYS**

- **Reduces Your Electric Bills by reducing electricity wasted through line loss**
- **Reduces the maintenance costs of your equipment.**
- **Increases the productive Life-Cycle of your equipment**
- **Reduces Your Electric Bills by correcting the inefficiencies in your equipment**

**A KVAR ENERGY SAVING CAPACITOR IS THE ONLY Home-Improvement that will travel with you if you move to a condo or apartment!**

**The KVAR Optimizer also protects your equipment with Surge Protection and we protect you with our LIFETIME WARRANTY & MONEY-BACK GUARANTEE.**

The KVAR Energy Saving Power Optimizer is compatible with all residential and commercial applications. The KVAR panel mounted system is installed at the main breaker panel on a 100, 200, or 400 amp single or three phase service. For larger three phase commercial motors, the preferred location for installation of the KVAR is directly at the motor itself to achieve maximum results. Capacitors can also be custom-built for any size motor or application.

### **THE BENEFITS OF AN ENERGY SAVING CAPACITOR ARE AS FOLLOWS:**

The Patented KVAR Power Saving Energy Optimizer is Green Certified, NASA tested and UL Listed. The KVAR is also certified in Canada and Europe.

- KVAR generates a significant reduction in kilowatts hours used in your home or business. KVAR dissipates heat in all of your electric motors, thus extending their productive life cycle and reducing your equipment's maintenance costs.
- KVAR provides surge protection and safeguards your valuable equipment.
- KVAR is portable.
- KVAR has a Lifetime Warranty.
- KVAR is made in the USA.
- THE US GOVERNMENT HELPS PAY FOR YOUR ENERGY SAVING POWER OPTIMIZER.
- CAPACITORS QUALIFY FOR U.S. GOVERNMENT AND STATE TAX INCENTIVES.