

KVAR Energy Controllers KVAR EC™

It is installed anywhere power is consumed and the KVAR EC™ unit sends the extra UNUSED power back to the power company.

Typical savings for commercial units will vary from 6% to 17%; and industrial from 6% to 25%.

The tangible results of using the KVAR ECs™ are real savings on energy bills, reduction in demand for electric utilities, decreased line losses and carbon emissions.

KVAR ECs™ have successfully been tested and received endorsements from NASA, Honeywell and SMT Engineering LLC., an independent third party.

For customers subjected to demand charges and Power Factor penalties, they will be reduced or eliminated.



KVAR EC™ energy controllers reclaim, store and supply power to inductive motors and loads.

Considering all induction loads consume two kinds of power: Reactive power and working power of kilowatt. The working power performs the work of the motor. The only function of reactive power is to develop the electromagnetic fields (EMFs) to ground the induction windings of the motor. The KVAR EC™ stores the reactive power needed to create EMFs within the inductive loads.

As the motor operates, this reactive power is ‘pulled and pushed’ to and from the KVAR EC™ by the motor. Reactive motor is now reclaimed and recycled by the KVAR EC™ resulting in such power being supplied on the spot. Since reactive power is supplied locally, motors run cooler and more efficiently.

This results in dollar savings on your energy bill in terms of energy and electric demand being saved, and longer equipment life.

Contact **TLR Energy** to have a personal review of your power load
and find out how you can start to save money...today

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