

The EQUALIZER...

Real-Time Reactive Power Compensation that SAVES YOU MONEY



PROVIDES POTENTIAL POWER SAVINGS:

- ◆ Fully compensates reactive energy requirements in less than 1 cycle
- ◆ Reduces kVA demand charges
- ◆ Lowers power factor penalties
- ◆ Minimizes I²R heating losses in transformers and cables
- ◆ Increases rms system voltage
- ◆ Decreases kWh consumption charges
(If magnitude of rms voltage increase allows reduction in transformer tap settings)

IMPROVES POWER QUALITY:

- ◆ Reduces instantaneous current peaks up to 50% or more
- ◆ Minimizes voltage drops associated with reactive current
- ◆ Compensates for sags and swells associated with reactive power
- ◆ Provides harmonic filtering
- ◆ Utilizes zero-crossing switching to avoid voltage transients and current spikes

INCREASES SYSTEM CAPACITY:

- ◆ Reduces the apparent power load on substation transformers
- ◆ Minimizes electrical and mechanical stresses on the power system
- ◆ Facilitates expansion without overloading existing electrical systems

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