

Power Factor Correction Can Save Thousands

Is Your Facility Being Charged for Wasted Power?

Wasted power is the result of a gap between the total power being delivered to the facility and the total power being used by the facility. Typically, if a facility is using less than 85-95% of the power delivered, the utility will charge a fee or “Power Factor Penalty.” This penalty can be thousands of dollars per month depending on the severity of the gap.

Problem

Electrical power loads often use reactive power that results in penalty charges.

Identification

Utility bill analysis indicates whether reactive power usage is resulting in penalty charges.

Solution

Power Factor Correction is achieved through the installation of on-site energy capacitors that supply the facility's reactive power and minimized the gap between power being delivered and power being used. This brings down utility costs and eliminates Power Factor Penalties, which can amount to thousands of dollars per month depending on the size of the facility.

1. On-Site Capacitors Supply the Reactive Power (KVAR)
2. Total Power Delivered by the Utility is Reduced (kVA)
3. Working Power (KW) Moves Closer to Matching Total Power (kVA)
4. Power Factor Penalty is Eliminated
5. Overall Energy Use is Reduced
6. Utility Bill Savings \$\$\$\$

