

## **POWER QUALITY SURVEYS**

## Optimizing Induction Motor Power Factor



Benefits Quick Look	
	Full Induction Motor Inventory and Testing
	Electrical Panels and Motors Visually Inspected
	Locates Electrical Transmission Losses
	Determines Proper Power Factor Correction
	Conducing To Energy Savings
	Performed Without Business Interruption
	Findings Reported and Financially Analyzed

To determine the proper amount of reactive power compensation each induction motor requires to achieve a perfect power factor, a power quality test is necessary. Each motor will be tested during its normal daily operation. VFD equipped motors will also be tested for the presence of harmonic currents. Our state of the art power quality analyzers are inspected for proper operation and calibrated yearly at the manufacturer's facility. A valid calibration certificate is issued. Our service includes a comprehensive plant system analysis, measurements, testing, and final reporting with financial details and application recommendations.

