

Power Quality Monitoring

As more industries and businesses become heavily dependent on micro-processor-based controls and equipment, they become more and more vulnerable to even minor power quality problems. OMLPS can help you solve power quality problems related to: Malfunctioning electronic equipment

Motor burn-outs

Flickering Lights

Breaker/fuse trippings

Production line shutdowns

Equipment failures and other power quality problems

OMLPS offers monitoring services of facility service voltage and internal voltage. Using advanced monitoring equipment and technical resources, our experienced technicians will analyze your situation and offer information and/or recommendations for improvement.

Our Services

Monitoring of system frequency, kW, kVAR, kVA and power factor.

Monitoring of per phase voltage, amperage, voltage angle, current angle, kW, kVAR, kVA and power factor.

Analyze problems with voltage/current imbalance.

System service check which checks the validity of the electrical service as wired to the meter.

Measurement of harmonics distortion on individual pieces of equipment.

High speed recording of electrical parameters on individual pieces of equipment requiring in-depth troubleshooting. Information can be recorded down to millisecond level for capturing high speed transient events.

Benefits of Service Identify problem equipment, installations, systems and connections.

Reduce electric costs.

Reduce down-time.

Reduce premature failure of electrical equipment.

Reduce voltage sag events.