PROGUSA
POWER QUALITY SERVICES DIVISION

POWER QUALITY SITE AUDIT

Identify Harmonics, Voltage Instability, and Electrical System Risk Power quality problems often remain hidden until equipment fails, production is interrupted, or energy costs increase. A structured Power Quality Site Audit identifies electrical disturbances and system conditions that can damage equipment or disrupt operations.

ProgUSA provides engineering-led power quality studies designed to diagnose root causes and provide clear corrective recommendations.

COMMON SYMPTOMS OF POWER QUALITY PROBLEMS

Facilities experiencing the following conditions may have underlying electrical disturbances:

- Nuisance breaker trips
- VFD faults or unexpected drive shutdowns
- Flickering lighting
- Overheating transformers
- Equipment resets or unexplained downtime
- Power factor penalties from utilities

WHAT THE POWER QUALITY SITE AUDIT INCLUDES

- Harmonic distortion analysis
- Voltage sag and swell monitoring
- Transient event detection
- Power factor evaluation
- Load imbalance assessment
- Electrical distribution review

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AUDIT DELIVERABLES

- Structured engineering report
- Power quality measurements and trend analysis
- Identification of root causes
- Risk-ranked findings
- Corrective action recommendations
- Optional mitigation planning

INDUSTRIES THAT BENEFIT MOST

- Industrial manufacturing facilities
- Data centers
- Utilities and cooperatives
- Healthcare facilities
- Commercial campuses
- Electrical service contractors

WHY WORK WITH PROGUSA

- Engineering-led power quality analysis
- Utility and industrial facility experience
- Advanced monitoring equipment
- Clear, actionable reporting
- Support from diagnosis through mitigation
- We do not just collect electrical data.
- We help you understand and solve the problem

SCHEDULE A 15-MINUTE POWER QUALITY CONSULTATION

TO LEARN MORE SCHEDULE AN APPOINTMENT BY SCANNING THE QR CODE BELOW OR CONTACT:

TO LEARN MORE SCHEDULE AN APPOINTMENT

PROGUSA PQ TEAM

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