Power Quality Assessment
Increase Uptime and Prevent Equipment Failures

Benefits
- Improve quality and continuity of power in your plant
- Reduce maintenance and production costs associated with electrical downtime
- Identify root cause of electrical failures
- Identify areas for energy savings on the plant floor
- Support your sustainability initiatives

Features
- Work at your site with a Field Service Professional, specially trained in power management
- Receive a power quality report with a detailed analysis of conditions and recommendations for remediation
- Can be combined with energy monitoring services or arc flash analysis

For more information go to: www.rockwellautomation.com/services/energy

Identify Plant Power Problems and Reduce Electrical Downtime Costs
If not monitored regularly, the equipment and sources of power in your facility can become a threat to the continuity of your operations. When a plant experiences an electrical downtime event, the effects can be costly, causing electrical device and mechanical failures, loss of production time, increased production scrap, plus additional unscheduled maintenance work. You can protect your sensitive electrical/electronic equipment and data from damage with a Rockwell Automation Power Quality Assessment that will monitor and analyze specified equipment.

Understanding the state of your power equipment can help prevent outages, reduce the costs of electrical downtime and identify opportunities for remediation. Symptoms that can indicate something is wrong can appear to be everyday type of activities in a plant: equipment alarms, control system faults, or electrical component failures.
Problem signs can include power sags/swells, intermittent phase loss, transients, voltage stability, power factor variability, electrical noise, or harmonics. However, the root causes of these issues are usually linked to either the environment or plant:

Environment:
- Electrical storms
- Power outages
- Accidents
- Utility grid switching

Plant:
- Motor starting
- Equipment electrical noise and harmonics
- Phase unbalance
- Common mode voltage/noise
- Grounding and bonding issues

A power quality assessment is performed at your site to identify problem areas. The resulting power summary provides a detailed analysis of conditions and recommendations for remediation. These recommendations may include engineering services, grid monitoring devices, filter equipment, a permanent power monitoring system, or ride through systems.