



# Power Quality

**Electromation can provide individual services or a turn-key solution to solve your power quality problems. Our power quality services include the following:**

## **System Analysis**

### **Power Monitoring and Analysis:**

Electromation can monitor your power system using digital high speed monitoring equipment to record events such as sags, swells, transients, harmonics, frequency deviation, etc...

### **Ground Audits:**

Electromation uses state of the art testing equipment to check equipment bonding, earth resistance and ground grid resistance within your facility.

### **Complete Site Inspections / Troubleshooting:**

Using a combination of high-speed oscilloscopes, power monitoring equipment and ground resistance testers, Electromation will perform a complete, in-depth analysis of your power system.

## **Problem Identification**

Electromation uses specialized high-speed monitoring equipment and software coupled with highly skilled technicians to determine the root cause of your PQ problem. We analyze the collected data to identify faults and possible anomalies within your system.

## **Solution Recommendation**

Once a problem has been identified, we will work with you to find the optimal solution to reduce downtime and premature failures due to poor power quality.

## **Supply Mitigation Equipment if Required**

Transient Voltage Surge Suppressors (TVSS)  
Uninterruptible Power Supply (UPS)  
Power Conditioning Equipment

## **Implement Solution**

Electromation is a licensed electrical contractor in North and South Carolina. We can install mitigation equipment or make necessary repairs to your electrical system.

Please visit our website for more information:

<http://electromationinc.com/powerquality.html>

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