



# POWER QUALITY PRODUCTS & SERVICES

Are you experiencing any of the following?

- Motor failure
- Electrical or electronic equipment failure
- Overheating of transformers, switchgear and cabling
- Nuisance tripping of circuit breakers or fuses
- Unstable equipment operation
- High energy usage and costs

inoLECT offers a complete package in cost-effective Power Quality solutions to our customers that will lower their electric utility costs and improve their power systems overall efficiency.

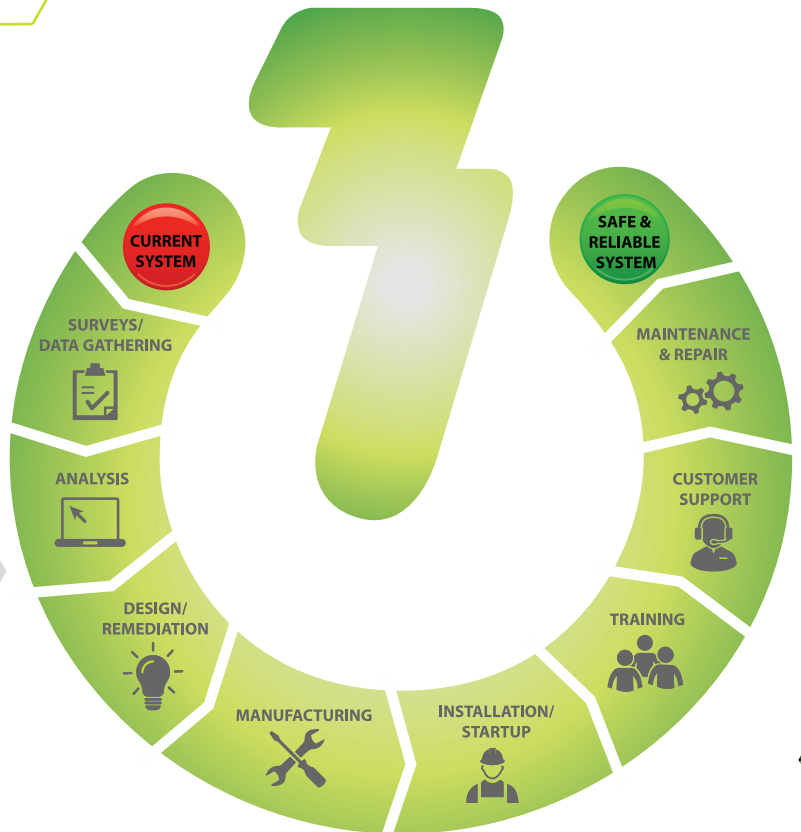
✔ Decades of Experience    ✔ Emphasis on Quality  
✔ Whole-system Approach

Our team is proud to be one of the few companies in the world to deliver the total package under one roof, starting with Customer Education, Field Data Collection, Modeling, Analysis, Design, Manufacturing, Commissioning, Training, and Continued Maintenance.

inoLECT will work hand-in-hand with you to determine the best solutions for your facility.

We strive to become your strategic partner and trusted ally in developing the pathway to a safe and reliable electrical system.

**The inoLECT Model:** Helping our Customers Improve Electrical Safety and Reliability





## Power Quality **PRODUCTS**

### **Power Capacitor Banks**

Metal Enclosed 600V to 38kV  
Pole-Mounted 1000V to 38kV  
Stack-Rack 1000V to 230kV  
Single or Multi-Stage

### **Harmonic Filter Banks**

Metal Enclosed 600V to 38kV  
Pole-Mounted 600V to 38kV  
Stack-Rack 1000V to 230kV  
Single or Multi-Stage

### **Snubbers**

Metal Enclosed 1000V to 38kV  
Stack-Rack 38kV to 138kV

### **Transient Voltage Surge Suppressors, 1000V to 38kV**

### **Medium Voltage Surge Suppressors, 1000V to 24kV**



## Power Quality **SERVICES**

### **Power Quality Survey**

Temporary meter rental and configuration  
Temporary meter installation and uninstallation  
Voltage trend analysis  
Sag and swell waveform analysis  
Transient waveform analysis  
Harmonic trending analysis

### **Parallel Resonant Frequency Analysis (ETAP)**

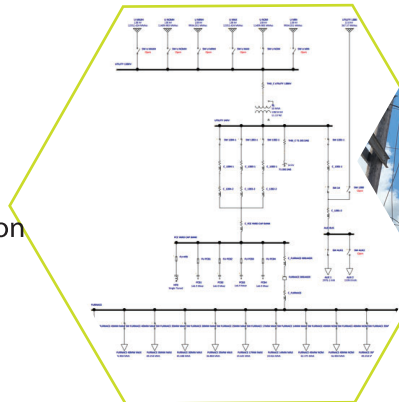
### **Fundamental Frequency Load Flow Analysis (ETAP)**

### **Harmonic Load Flow Analysis (ETAP)**

### **Transient Analysis (EMTP)**

### **Power Factor Correction Financial Analysis**

### **Equipment Bid Specifications**





**Our stance as a complete solution provider means we offer a different approach than competing companies.**

Having extensive experience with arc flash analysis and remediation, protection retrofits, conceptual design, substation packaging, remote racking products and much more, we are a 'one-stop shop' for customers needing help improving their safety, reliability, maintainability and cost-efficiency.

Our team has over 30 years of experience in providing optimal power system solutions and has over 750 assemblies in service today. We are committed to providing maintenance and support for these customers and many more, worldwide, moving forward.



**Visit [inoLECT.com](http://inoLECT.com) for more details on Power Quality Solutions.**