

# POWER ENGINEERS, LLC

*Electrical Engineering, Power, Lighting,  
Technical Studies and Utility Consulting*

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## POWER QUALITY ANALYSIS SERVICES

Power Quality has increasingly become a concern for facilities, given the ever-increasing amount of non-linear and harmonic producing equipment, such as:

- ◆ Uninterruptible Power Supplies (UPS)
- ◆ Variable Frequency Drives (VFD's)
- ◆ Computers, PLC's, etc.

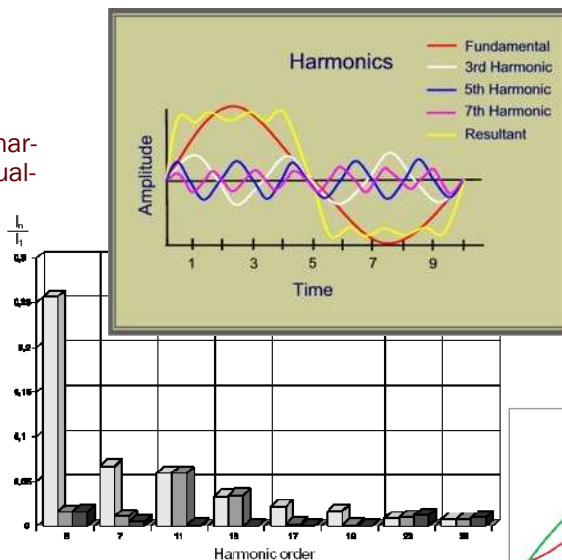
- ◆ Infrared Scanning
- ◆ Power Quality Metering
- ◆ Harmonics Metering
- ◆ Demand Metering
- ◆ Power Factor Studies

Through the use of on-site power quality metering and infrared scanning, Power Engineers, LLC can provide an assessment of potential problems, ranging from a single panel to an entire building, as needed. We have invested in the latest technology for thermographic imaging and multi-phase harmonic and disturbance metering.

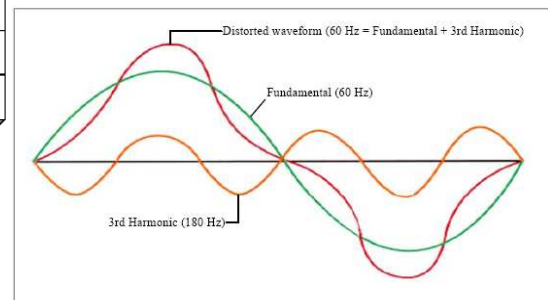
This service can be provided in your facility, or for your internal or external clients on a site or project basis. If problems are detected, detailed recommendations can be made for cost-effective resolution.



Identifying and correcting harmonics and other power quality problems can lower energy costs, and extend the useful life of electrical equipment



Infrared Scanning has proven very effective in detecting overloads caused by harmonic currents, unbalanced loads, etc before they become costly failures



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