

powermonitoring.com - A web-based power quality monitoring service provided by Electrotek Concepts.

Administering a permanently-installed power monitoring system consumes time and resources. The data has to be downloaded frequently from the instruments and even then it can be troublesome to manage, much less analyze. Wouldn't it be better to have someone else deal with the management of your monitoring system?

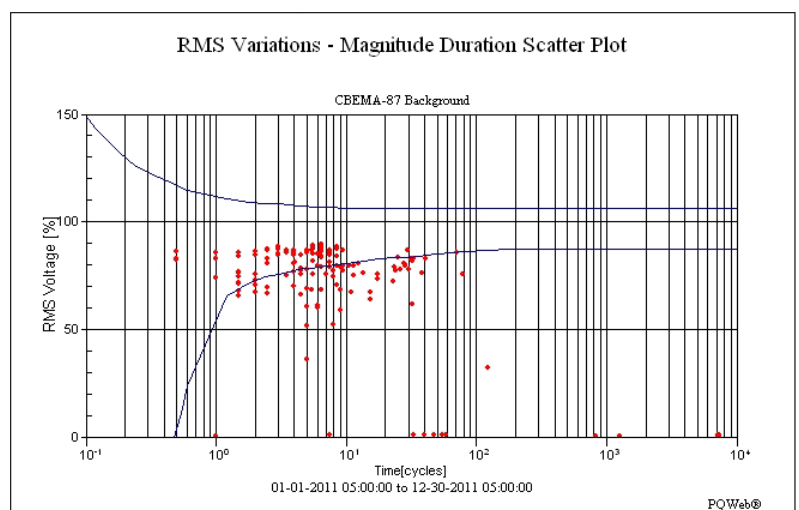
powermonitoring.comSM lets you spend your time using your monitoring system to effectively and efficiently manage power quality. For a low monthly fee, the power experts at Electrotek Concepts will download and manage your data, ensuring that your power system runs smoothly and freeing you to focus on your core responsibilities. Should a potential or actual problem be identified, we will provide you with the information you need to make an accurate, timely response to the situation. At all times, you have immediate, secure access to your monitoring data. You'll also receive regular reports with summaries and recommendations about your power system.

By using the capabilities of the Internet, we offer you around-the-clock access to your data while we assume the responsibility for managing your power monitoring system. We download the data, store it (and backup), and ensure that it is available when needed. You get the peace of mind that your monitoring data is being professionally managed from a single location with a dedicated staff and infrastructure.

With the electric industry undergoing change, increased attention is being focused on reliability and power quality. Power providers and users alike are concerned about reliable power, whether the focus is on interruptions and disturbances or harmonic distortion or flicker. One of the most critical steps in ensuring reliability is monitoring power system performance. Monitoring can help identify the cause of power system disturbances and even help identify problem conditions before they cause interruptions or disturbances. Electrotek Concepts offers solutions to help you monitor and manage your power system. Regardless of the application – whether a few monitoring devices or a few hundred – we provide software, services, and support to meet any requirement and budget.

Advantages include:

- Service based on PQView[®] and PQWeb[®] which are both developed and supported by Electrotek
- Ability to integrate data from different types of instruments (e.g. Dranetz Encore Series[®], 8010 PQNode[®])
- Stable, easy-to-budget monthly cost
- 24/7 management of data by experienced power quality experts
- Notification of identified or potential problems
- Completely web-based: no complicated software to install or learn
- Monitoring data is accessible from any computer with Internet access
- Access to expert support for system and power quality questions
- Support for preventive and predictive maintenance, verification of equipment performance, system benchmarking, and managing energy costs



Why Monitor Your Power System?

Assist in preventive and predictive maintenance

- Identify source and frequency of events
- Establish precise location and timing of events
- Develop maintenance schedules based on trends

Determine the need for mitigation equipment

- Monitor and trend conditions
- Analyze harmonics, transients, voltage sags, and power factor correction
- Make decisions based on documented trends

Ensure equipment performance

- UPS and backup systems
- Power conditioning devices

Assess sensitivity of process equipment to disturbances

- Evaluate performance against specifications
- Compare current and voltage

Benchmark overall system performance

- Make multi-site comparisons
- Energy rate comparisons

Improve energy rates

- Identify load versus demand
- Conduct energy curtailment analysis
- Evaluate alternative rate structures

Service Components

System startup and commissioning

- Establish instrument thresholds
- Set up security

Data warehousing and creating web presence

- Secure, dedicated storage
- Customized website

Reporting

- Monthly, quarterly, and annual reporting options
- Executive summaries and recommendations
- Online, timely delivery

Event notification

- E-mail notification

Expert evaluation

- Electrotek engineers review significant events
- Phone and email support
- User forum

For More Information

For more information, please call +1-865-470-9222 or send an e-mail to info@electrotek.com.

Take a test drive at

www.powermonitoring.com

