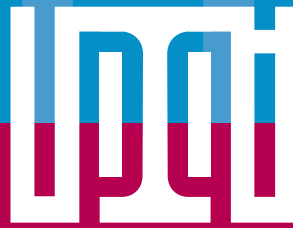




suparule



LEONARDO
POWER
QUALITY
INITIATIVE

FREE POWER QUALITY SEMINAR

This free seminar covers the most important Power Quality issues faced by businesses today. PQ problems lead to unplanned downtime, wasted resources and higher energy costs, yet they can be easily detected in advance by measurement and monitoring, and cured by the application of the most appropriate mitigation techniques. Best of all, the effects can be avoided altogether by good design practices and by choosing the right equipment.

If your installation is experiencing any of the following you could have a PQ problem:

- Computer lock ups
- Overheating neutrals
- Equipment damage
- Nuisance tripping
- Blackouts
- PFC overloading
- Flicker

Who Should attend

- **Facilities Managers** with responsibility for production or business continuity.
- **Consultants** and **Design Engineers** who need to design robust and reliable installations.
- **Maintenance Engineers** who need to monitor the functionality of installations and ensure continued high performance.
- **Electrical Engineers** and **Contractors** who need to provide 'right first time' low maintenance, high quality installations.

Attendees should have a technical background and a basic knowledge of electrical installation practice. No prior knowledge of PQ issues is assumed.

About LPQI

The Power Quality Partnership (PQP) is a group founded by Copper Development Association in 2001 and now comprising ten leading power quality solutions providers. The PQP implements the Leonardo Power Quality Initiative (LPQI) in the UK and Ireland.

LPQI is an award winning pan-European Power Quality education and training initiative founded in 2001 with the support of the European Commission and European Copper Institute. The initiative provides educational materials and is supported by over 80 organisations, including academic institutions such as The University of Manchester and University of Bath.



Power Quality Seminar 2006

REGISTRATION

I wish to confirm:

- My attendance to the free 'Power Quality' seminar on the 12th October 2006 (Pre-registration essential for participation), Limerick (Radisson SAS Hotel, Ennis Road, Limerick)
- My interest in future events. Please register my details.

Title: _____ First Name: _____ Surname: _____

Position: _____ Company: _____

Address: _____

County: _____

Tel: _____ Fax: _____ Email: _____

PROGRAMME

9.15am	Registration – Tea and coffee	
9.30am	Introduction to Power Quality	David Chapman, CDA UK, presents a basic introduction to power quality issues.
10.00am	Power Quality Measurement	Ken West, Fluke, Effect of distortion on measurement, typical measurement tools and techniques.
10.45am	EN50160 Standard	Philip O Dea, Suparule Systems Ltd. Introduction to EN50160 Standard
11.15am	Harmonics	Hugh Kelly, Premium Power Ltd. Harmonic Distortion and Power Quality Implications, Measurements and Solutions
12.00pm	Q & A Sessions followed by lunch	
1.00pm	Mitigation	David Chapman, CDA UK, Causes, effects and principles of mitigation.
1.30pm	Power Quality Correction	Shri Karve, MGE UPS, UPS and active filters.
2.15pm	Q& A Sessions	

Please faxback to 061 330812

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