

# PSBC

POWER SUPPLY & BUSINESS  
CONTINUITY CONFERENCE 2006

2 November 2006

Baylis House Slough, United Kingdom

## *Avoiding the nightmare scenario*

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Power  
Generation



riello ups



Designed to educate the market on future trends in the power supply and business continuity industry, the first PS&BC Conference will take place on 2 November 2006 at Baylis House, Slough, United Kingdom.

PS&BC is aimed at anyone involved in operating a business where the continuity of power supply is integral and the loss of power or lack of standby power would have potentially ruinous consequences to their company. This is a must attend conference for architects, building services and engineers, consultants, installation contractors, equipment manufacturers, building owners, facility managers as well as public authorities and regulatory agencies.

#### Top speakers from companies including:

- Cummins Power Generation
- Riello UPS
- BSRIA
- Furse
- Schneider Electric
- MGE UPS
- Yuasa Batteries

#### Topics will include:

- Critical business support systems
- Using electrical network management systems to improve reliability
- Best practice implementation to achieve maximum system resilience
- Key solutions to protect the critical load within data centres
- Diesel standby power schemes
- Lightning and surge protection
- Valve regulated lead acid batteries for UPS applications

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# CONFERENCE PROGRAMME

## Why you should attend

Learn the true cost of inadequate planning for power supply failures and understand the significance of managing a seamless business continuity process. The PS&BC conference will provide you with the specialist knowledge to formulate an effective PS&BC strategy and tell you why the subject should be at the top of your corporate agenda.

The conference features a packed programme of papers covering all aspects of power supply and will provide a mix of thought provoking presentations, case study examples and question and answer sessions.

With top quality attendance, delegates will have the opportunity to discuss and debate both the presentations and the new ideas they generate, and to network with colleagues from around the industry.

## 8.45 – 9.30am Registration

**9.40am Welcome from conference chairman Mike Dalton of BIFM**  
(British Institute of Facilities Managers)

## Session 1

**9.50am Keynote address**  
Lyndon Bird, technical services director, Business Continuity Institute

**10.10am Critical business support systems**  
Colin Pearson, BSRIA  
Building operations often need to get near 100% reliability out of their critical business support systems – electrical supply and cooling for business continuity. This presentation highlights some of the implications for design, commissioning, operation and maintenance of the services.  
**Questions & answers**

## 10.45am Coffee break

## Session 2

**11.05am Using electrical network management systems to improve reliability**  
Kevin Jones, Schneider Electric  
The correct selection and application of devices is fundamental in the design of power systems to maintain levels of reliability. This seminar will describe the basic principles in estimating the reliability of electrical network management systems and the resulting savings that can be made in the capital and operational phases of the project.  
**Questions & answers**

**11.40am New European standards regards lightning and surge protection**  
Joe Ellwood, Furse  
This presentation will cover the theory of lightning and transient overvoltages, the problems caused by transients/surges and an update on standards from BS 6651 to BS EN 62305 and BS EN 61643. It will also cover Risk Management, looking at why protection is required, where to apply protection and key requirements for a protector.  
**Questions & answers**

**12.15pm Best practice implementation to achieve maximum system resilience**  
Leo Craig, Riello UPS  
Riello UPS will discuss the application of today's medium sized (10-200kVA) UPS technologies within power continuity plans for data critical environments. The presentation will cover best practice implementation to achieve maximum system resilience, flexibility and maintainability.  
**Questions & answers**

## 12.50pm Lunch

## Session 3

**2.15pm Key solutions to protect the critical load within data centres**  
Shri Karve, MGE UPS  
MGE UPS Systems will present various solutions to reach six 9s utilising UPS systems and STSs. Also presented will be some key solutions to protect the critical load within data centres utilising blade servers.  
**Questions & answers**

**2.50pm Valve regulated lead acid batteries for UPS applications**  
Peter Stevenson, Yuasa Batteries  
UPS batteries must deliver maximum power for periods of two to 20 minutes. This paper explains how chemical and physical design parameters can be optimised for this duty.  
**Questions & answers**

## 3.25pm Coffee break

## Session 4

**3.45pm Diesel standby power schemes**  
Speaker TBC, Cummins Power Generation  
Cummins Power Generation will present the options for diesel standby power schemes ranging from simple situations for small business protection to those needing hi-9's reliability for critical data storage, whilst meeting recent environmental requirements.  
**Questions & answers**

**4.20pm Keynote address**  
Bill Knight, Consultant, CIBSE  
**Questions & answers**

## 4.55pm Conference ends

Please note: this provisional programme may be subject to minor changes or amendments

