



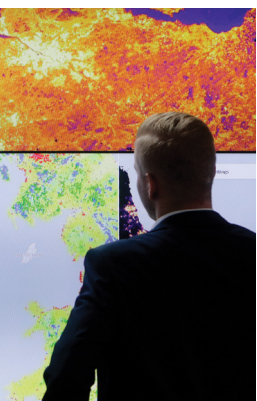
Vickers' Energy Management System makes savings all round

See page 16

INSIDE THIS ISSUE:

7

One giant leap for energy efficiency



18

How to avoid data center malfunction



31

Going soft on water treatment



The Complete PEL Kit

Total optimisation at your disposal



Features & Benefits:

- Single, Split & Three-phase Installations
- No Mains Supply Interruption
- Harmonic Analysis up to 50th
- Bluetooth, Ethernet & USB
- Auto Sensor Detection
- Records to SD Card
- Real-time PC Analysis

The Complete PEL Kit contains:

- PEL 103 Power & Energy Logger
- Self powered adaptor
- 3 MiniFLEX clamps
- 4 Magnetised probes
- 2 reeling boxes
- DataView software
- 4 crocodile clips
- Mains cable
- 4x3m measurement leads
- Free Lenovo TAB 7



WATCH OUR VIDEO



The Ideal Combination for
Power & Energy measurement

Get a Free quote today!



CHAUVIN ARNOUX UK Ltd | 125 YEARS IN BUSINESS | 30 YEARS IN THE UK | 
1 Flagship Square, Shaw Cross Business Park, Dewsbury WF12 7TH | T: 01924 460494 | E: info@chauvin-arnoux.co.uk

recent years by using Power and Energy loggers (PELs) to monitor energy use around their facilities.

Based on Carbon Trust statistics that 20% of energy is wasted on inefficient equipment, and with British Gas SME smart meter surveys suggesting 46% of energy use is out of hours, use of PELs to identify such things is an obvious thing to do.

In addition to this, everybody in the business needs to be involved and new initiatives need the support of senior management. Without staff ownership and management support energy management improvements will likely dwindle.

An effective energy policy should be written for the business that should detail the commitment, set objectives, define targets, detail plans, indicate responsibilities, as well as ensuring compliance and continuous improvement.

Assessment of energy performance by examination of past and present energy consumption in order to establish benchmarks should take place, enabling an understanding of energy use patterns and trends. Conducting energy audits will help identify areas of potential energy savings within your organisation.

Encouraging staff to act in an "energy efficient" manner, thinking about their energy use, streamlining



processes and installing energy efficient technology, setting realistic targets and timescales, prioritising activities, and making sure they all get done, should be top of the agenda.

Most of all it is important to measure and communicate the benefits. The results of projects should be communicated to staff to maintain motivation, and to senior management to ensure continued "buy in". It might make justifying capital expenditure easier in future if the

implemented PEL 103 projects have a proven record of delivering savings.

Energy efficiency is beneficial to everybody as it removes unnecessary costs from businesses thus improving financial efficiency. And if every business does its part the UK could soon become the low-carbon nation it needs to be to remain competitive on the world stage, and at the same time do its bit to help reduce climate change. www.chauvin-arnoux.co.uk