

Supply optimisation – the energy silver bullet

There has never been a better time for UK businesses to invest in energy efficiency, such as powerPerfector's Voltage Power Optimisation (VPO)[®] technology

Double-digit price rises in the cost of gas and electricity have once more brought home the need for an immediate increase in the intensity with which the UK embraces the transition to a 'green economy'.

Such price rises have a dual effect on business. Not only are they putting a squeeze on the budgets of energy managers but they are also making the business case for energy conservation measures increasingly appealing.

According to Angus Robertson, CEO of powerPerfector, the UK's fastest growing green company, there has never been a better time to invest in energy efficiency.

"When we started in 2001, there wasn't an appetite to invest in technology, the paybacks were an unattractive 10 years and, with no 'lower carbon' driver, people simply didn't need to make the investment – energy was cheap," he says

"Now it is a different story. Fuel prices have jumped by 77 per cent over the past five years and industry experts forecast that there will be a near doubling in wholesale prices between now and 2017. Energy efficiency now



fits in to the investment models of most organisations and is the most effective method of mitigating future price rise risk – short of turning everything off."

powerPerfector's multi-award-winning Voltage Power Optimisation technology gives cost and carbon savings by improving the quality of the power going in to a commercial building. By optimising the incoming supply, electronic equipment works more efficiently and consumes less energy – 12 per cent on average.

VPO is trusted by the energy regulator (Ofgem), the Government's climate change department (DECC), the UK's leading low carbon energy provider (EDF Energy), the UK's biggest retailer (Tesco) as well as 145 local authorities and more than 20 Government agencies.

"VPO will reduce risk within any business or building it is installed," continues Robertson. "Be it financial, operational or indeed reputational, VPO will make a positive impact."

"Those with responsibility for reducing energy use are at the heart of a decision making process that will determine how effectively business is able to cut costs, future proof against degrading power quality and combat climate change.

"The challenge is, knowing how to differentiate good technology from bad."

Quality benefits

What makes powerPerfector unique is that the power quality benefits of the technology are intrinsic to the design. There are no moving parts that could be a common point of failure. This means that the technology has an unrivalled 17-year, 100 per cent reliability record.

Allied to excellent cost-saving performance, powerPerfector also has a positive effect on the quality of power going into a business.

Power spikes and harmonic distortion can damage sensitive equipment and increase the regularity with which organisations have to carrying out maintenance and replace electrical equipment.

Transients can knock out power across a business and bring a hasty end to a day's trading. It is something that is likely to get worse as the proliferation of renewable energy increases.

"The quality of our power supply isn't something that we've had to concern ourselves with but, in the future, it should increasingly be on a business' risk register," says Robertson.

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