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powerPerfector improves unit efficiency

Transferring manufacturing of powerPerfector's VPO® units to the UK has improved the efficiency of the units.

It means the market leading technology is now unquestionably the most efficient voltage optimisation unit on the market.

The triple wound voltage power optimisers reach a peak efficiency of 99.94%. Such efficiency is important in voltage optimisation as it means reduced heat losses and improved savings.

powerPerfector Director of Engineering, Michael Robertson-Lambert, said: "Improving efficiency by 0.04% may not sound a lot, but the closer you get to perfect the harder it is to make improvements. It is a significant shift.

"We are working with a supplier that designs and manufactures wound power components for the rail and defence industries. Each VPO® unit is hand built and is truly an example of the Best of British.

"No other technology in voltage management market can replicate what VPO® does in terms of savings, securitisation of supply or power conditioning benefit. It is a bonus to me and my team to work with the best technology in the market."

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Notes to Editors:

1. **powerPerfector** is the world's only Voltage Power Optimiser, giving energy, cost and carbon savings by efficiently optimising a site's supply voltage. By optimising the voltage, electrical equipment runs more efficiently and consumes less energy.
2. **powerPerfector** deals with the discrepancy between the actual supply voltage you receive (on average 242V) and the optimum voltage your electrical equipment needs (220V).
3. The technology was developed in Japan in 1993 to combat rising energy costs due to increasing demand and a lack of natural energy resources. In the UK, **powerPerfector** is the sole supplier of VPO® technology.
4. **powerPerfector** acquired the worldwide patents, manufacturing and distribution rights to VPO in June 2011.
5. Manufacture of the **powerPerfector** began in the UK in February 2012.
6. www.powerperfector.com