

# Case Study #33

Voltage Power Optimisation



## Healthy Savings achieved with the NHS

**Why it is interesting:** London Procurement Partnership Framework: This framework is helping NHS Trusts to deliver the highest quality services while at the same time ensuring value for money on NHS projects. We are delighted to have won our first tender through this framework which enabled Berkshire Healthcare NHS Foundation Trust on behalf of NHS Property Services to access the solution required to meet their energy objectives on two of their community hospital sites.

### Berkshire Healthcare NHS Foundation Trust

#### Annual Savings

kWh:	122,836
CO <sub>2</sub> kg:	66,946
£:	12,529
ROI:	29%

Don't take our word for it...

*"...an ideal solution which supports the Trusts strategic energy objectives and sustainability agenda."*

Paul Harrison, Sustainability Manager  
Berkshire Healthcare NHS Foundation Trust



#### Further information

For more information on any of our case studies, please contact:

020 7262 6004  
enquiries@powerperfector.com

Berkshire Healthcare NHS Foundation Trust provides specialist mental and community health services to a population of around 900,000 across the county of Berkshire. With five community hospitals in the county – two



now have the capacity to check and change voltage from anywhere in the world, their output voltage can now be adjusted online, on an iPad or through the unit's user interface, providing a user friendly reporting functionality. By choosing the latest **powerPerfector Plus** units for the St. Mark's Hospital and Wokingham Community Hospital sites, the energy management team have ensured maximum efficiency 24/7.

The functionality of the **powerPerfector Plus** Voltage Power Optimisation (VPO) unit delivers dynamic voltage optimisation in addition to the power conditioning you would expect from the standard **powerPerfector**. It also delivers a 'Buck and Boost' capability, something no other Voltage Optimisation (VO) technology can provide.

*"We chose to install VPO® technology on the St. Marks and Wokingham Hospital sites because they both provide a wide range of healthcare services from a variety of buildings which have many different systems and electrical equipment."*

*"So to have one piece of energy efficiency technology that would enable site wide savings in electrical consumption was an ideal solution which supports the Trusts strategic energy objectives and sustainability agenda."*

Paul Harrison, Sustainability Manager  
Berkshire Healthcare NHS Foundation Trust

We hope the proven success of this case study will encourage more Trusts to investigate the opportunities VPO® has to offer the NHS.

There are a range of case studies and client testimonials available on our website, please visit [www.powerperfector.com](http://www.powerperfector.com) for further information.