



**Berkshire Healthcare**  
NHS Foundation Trust

## LOCATION

Wokingham Community Hospital provides a number of services including Ascot and Windsor wards for rehabilitation and physiotherapy and Berkshire Adolescent Unit (BAU) for children with severe mental health conditions. At St Mark's Hospital, you'll find the Henry Tudor Ward for short stay inpatient rehabilitation as well as our Audiology, Cardiac, Mobility, Sexual Health and Urgent Care services.

# CASE STUDY

## Berkshire Healthcare NHS Foundation Trust

**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 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. The trust choose **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**. The Plus also delivers a 'Buck and Boost' capability.

"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

## INFORMATION

Unit:	<b>2 x powerPerfector Plus</b>
Energy saving (ROI):	<b>29%</b>
Annual kWh saving (kWh):	<b>122,836</b>
Annual CO2 saving (Kg):	<b>66,946</b>
Annual cost saving (£):	<b>12,529</b>

