



CASE STUDY - Wimbledon Park Primary School, London, SW19 8EJ PowerWarden™ (Network Version)



The Project

Wimbledon Park Primary School is a vibrant community school with a 480 roll that proactively recognises the need to reduce its energy costs and carbon footprint – the school has been awarded the Eco and Healthy Schools Award four times and was recently a finalist in the National Teaching Awards for Sustainable Schools.

The decision was taken to use PowerWarden™ not only switch off and turn on PCs, and associated peripherals when required, but to also proactively manage the power consumption of their 60 PCs during the school day by designing power management schemes around the school timetable – ensuring minimal energy wastage and maximum savings. The project was commissioned and overseen by Helen Gaffney, School Bursar.

Implementation

After an initial trial of the software, PowerWarden was identified as the most feature-rich and cost effective solution for managing the energy consumption of the school's IT. A subsequent audit of the school IT was undertaken during which the average wattage of a number of school PCs, left on after hours, was measured – from this the potential energy and carbon saving was calculated.

In addition, the audit identified the precise numbers of PowerWarden Smart Power blocks that were also required which further extended the saving possibilities. The most prevalent deployment of these was in the classrooms - where they not only shut down PCs, monitors and printers, but also some interactive white boards as well.

Savings

The installation of PowerWarden has proven to reduce the school's electricity bill by 16% and the resulting CO₂ emissions by 8,500 kgs.

Project Payback

6.3 months.



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