

Westminster Abbey wedded to a greener future



Westminster Abbey has become the first church in the UK to install powerPerfector's Voltage Power Optimisation.

The Church of England is committed to a carbon reduction target of 80% by 2050, with an interim target of 42% by 2020. The installation of two **powerPerfector** units at the Abbey ensures that the supply is more efficient and secure. It will cut bills by over 12 per cent, saving approximately £8,400 a year.

“Our World Heritage status rules out intrusive measures such as solar panels and wind turbines so we examined numerous energy savings measures, but needed something that would not materially change the building,” explains Jim Vincent, Westminster Abbey’s Clerk

of Works. *“The Abbey chose **powerPerfector** because it was non obtrusive and promised excellent savings.”*

“The units were installed in late 2011 and the savings we were guaranteed have been independently assessed and found to have been exceeded. The performance guarantee meant no risk on our part and I would recommend the system to anyone.

Angus Robertson, **powerPerfector** CEO, said: *“We have a history of installing **powerPerfector** in some very high profile buildings and it’s a great honour for us to have installed at the Abbey.”*

powerPerfector units were installed on the incoming supply for the Blowing Chamber, which circulates air around the Abbey and the Floodlighting Cabinet. Not only will this mean energy savings for the Abbey, it also provides power conditioning benefits in the form of a reduction in harmonic distortion, transients and three phase imbalance.

“Because voltage management technology sits on the incoming supply to a building, it is important that the technology you choose is robust and 100% reliable. Their selection process required our “best in class” solution. Risk is just not an option when you have to ensure that this historically important tourist attraction is more efficient, protected and always open for business,” said Angus Robertson.