

Powercor

ELECTRICAL SERVICES Ltd

Power House · 67-69 Woodham Lane · New Haw · Surrey · KT15 3ND

Telephone: 01932 839 890 · Fax: 01932 857 869

www.powercor.co.uk



Case study 2010

Notre Dame School, Cobham embarked upon a mission to improve sustainability with the help of **Powercor**.



In August 2010, Notre Dame School in Cobham, Surrey, as part of their drive to improve sustainability and reduce energy cost, commissioned **Powercor** to look at ways to generate their very own energy through Photovoltaic.

Installation

Powercor identified that installed a 9.9KW PV System with a feed-in tariff rate at £0.41 would see a payback for their capital expenditure in less than 10 years and the school would benefit from the feed-in tariff for 25 years, with the PV system producing an average of 40 kWh of electricity a day for the school.



Electricity costs slashed

Powercor also identified an opportunity to take advantage of the electricity cost reducing potential of Voltage Optimisation (VO) at the College. A Carbon Trust loan was approved and 4 x 500 kVA units were installed. Subsequent to the installation of VO, savings in electrical energy consumption of approximately 10% have been achieved.

Electrical energy savings of 10% achieved



Further energy and water savings are planned as the unique **eco|Driver™ Energy Efficiency Programme** is systematically implemented at the college during 2011.

Powercor are looking forward to helping Notre Dame School reduce their energy bills by behavior change and using the **eco|Driver™**

When it comes to sustainability and saving money we believe that our impartial advice and experience in the carbon reduction commitment scheme is second to none.

Please visit www.powercor.co.uk for further information or contact our office and ask for COREFFICIENCY division.

