

Powercor

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Case Study 2010

**“Efficiency is doing things right,
Effectiveness is doing the right things.”**

St Georges College, Weybridge have embarked upon a mission to improve sustainability with the help of Powercor.



In August 2010 St Georges College, Weybridge Surrey, as part of their drive to improve sustainability and reduce energy cost, commissioned Powercor to look at ways to identify their energy usage in more detail.

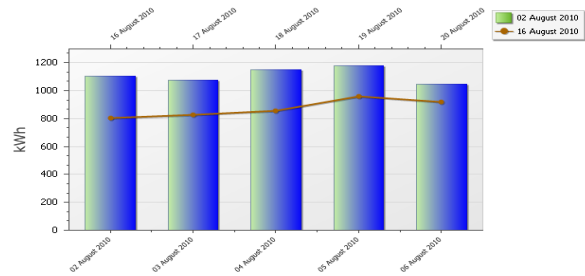
Installation

Powercor installed eco|Driver™ smart metering system which has live energy reporting on electricity supplies, gas, and water. There were 24 electric meters, 6 gas meters and 8 waters meters installed across the 130 acre site. The works were implemented in a few weeks and savings were made with water supplies and electricity usage, as show in graph's generated by eco|Driver™

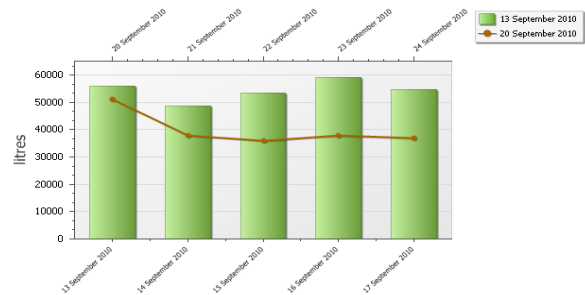


Electricity costs slashed

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



Water savings 20000 litre's per day

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

Powercor are looking forward to helping St Georges College reduce their energy bills by behavior change, further technologies 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.

