

Case Study



Isle of Wight College Newport, Isle of Wight

Established in 1951, the Isle of Wight College offers training opportunities across a broad curriculum. From higher education and apprenticeships through to employer training and vocational courses, this further education college reflects the needs of the local community. In recent years the Isle of Wight College has invested millions in growing campus facilities.

Salix Finance Ltd. provides interest-free government funding to the public sector, which includes further education colleges, to improve their energy efficiency, reduce carbon emissions and lower energy bills. Salix have a conservative approach to estimating savings from voltage management technology and the payback for a project needs to be under 5 years to secure funding. Salix has delivered over 14,000 energy projects and over £116 million of savings per annum. The Isle of Wight College utilised this funding and installed two **powerPerfector** voltage optimisation units in 2012 as part of a voltage management project.

Whilst the reduction in electricity consumption across the two existing **powerPerfector** units was originally predicted at 8.5%, records of actual

consumption show achieved savings of 11% (Sixth Form & LRC) and 17% (J Block). This helped to quicken the payback making the 0% interest repayments much lower than the savings achieved.

The third install of a **powerPerfector Plus** was more complex than the previous two, with a survey being undertaken before the unit was manoeuvred up 15 steps before being built in situ. A success which was made possible with careful planning, coordination between **iESCO** and the college and a trusted installation team. All three units were installed by **iESCO** approved contractors.

*"The performance of the three **powerPerfector** optimisers at the College has far exceeded all expectations. Our optimisers give savings of 17%, 11% and 11% across our three electricity meters - evidenced by data." Philip J Smith, Estates Manager, Isle of Wight College.*

Interest-free government funding is currently available for a number of energy projects, if you are interested contact a member our team today.

THE ISLE OF WIGHT
college



Location

The Isle of Wight College is a general further education college, established in 1951, offering training opportunities across a broad curriculum.

Salix Funding

Interest-free government funding is currently available for a number of energy projects, if you are interested contact a member our team today.

For more information on any of our case studies, please contact:
+44 (0)207 164 2271
enquiries@powerperfector.co.uk



Information

Units: **powerPerfector**
powerPerfector Plus

Unit sizes: 175kVA - 350kVA

Install dates: August 2012 - July 2015

Energy savings: 11% - 17%