

case study



Power to the pupils

Students at North Hertfordshire College (NHC) only have to look up to learn about the power of renewables after nearly 100 solar photovoltaic (PV) panels were fitted on their roof.

It all adds up to cheaper electricity, a reduced carbon footprint and a lesson in green thinking at the dynamic college.

NHC will purchase zero carbon electricity from renewable energy investor and developer REI at a heavily discounted rate under its Solar Power Purchase Scheme.

It will then assume ownership of the system entirely in 20 years.

Liz Leyden, Commercial Development Manager who worked with Head of Estates Brian Sapsed on the project, said:

“The installation delivers real dividends. It fits with the college’s sustainability agenda and saves money on our energy bills, which can be diverted into other areas.

The solar PV system has also captured the students’ imagination and we hope to be able to give them the opportunity to monitor the performance of the panels for their studies.

It is absolutely brilliant from an educational point of view and links perfectly to their curriculum.”

System specification

Size of system: 25.25 kWp

Forecast Output: 25,580 kWh

Carbon savings: 10.5 tonnes Co2/annum

20 year saving: £181,000

