



Case Study - St James the Great School

Pupils at a school in Croydon are reaping the benefits of green energy technology, including less pollution and savings on electricity bills, with St James the Great school fitting solar electric panels.

St James the Great School, Thornton Heath, received funding from Powergen of £5,660 and support from the Renewable Energy Action for London (REAL) initiative to install renewable energy. The school also raised £1000 towards the project by selling ice-creams after school.

The use of the Sun's energy to provide electricity to the school building will help mitigate climate change. The system will also provide an excellent educational resource, helping pupils work towards their Key Stage 2 exams.

Launching the Project

The installation of the panels was marked by a launch event held at the School with the Mayor of Croydon, Brenda Kirby unveiling the solar display to teachers, pupils and their parents. The launch was followed by a solar car workshop with Year 4, the sunshine ensuring the cars zipped around the playground.

Tackling Climate Change

Councillor Adrian Dennis, cabinet member for planning, environment and urban development, said: "Even on cloudy days in the UK there is a huge amount of light and energy that can still be generated-every cloud really does have a silver lining! The school will benefit the whole year round, safe in the knowledge the energy they are generating comes from a clean and renewable source which does not produce harmful carbon dioxide emissions - one of the largest contributors to climate change."

Key Points

Technology

2.2kWp grid connected photovoltaics (PV) system

Funding

100% secured through Powergen, DTI and St James the Great School

Collaborators

**St James the Great School
London Borough of Croydon
Renewable Energy Action For London (REAL)**

Want to know more?

Residents and community groups across London and the South East can seek support for installing renewable energy on their homes or other buildings through contacting the REAL project team on 020 8683 6683.

**PV installation
St James the Great School
July 2004**

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