



Case Study - Gunnersbury Catholic High

First school in Hounslow to have solar panel

Pupils at Gunnersbury Catholic High School are the first in the London Borough of Hounslow to generate electricity from the Sun. To celebrate the installation Renewable Energy Action for London (REAL) gave an assembly and quiz followed by a few words of congratulations from the Mayor himself.

Gunnersbury Catholic High School received funding of £5,666 from Scottish Power, £4,200 from the Photovoltaic Major Demonstration Programme (PVMDP) and support from the REAL initiative to install the system.

Education through tackling climate change

The 1.5kWp PV system mounted on the science block roof will generate 1200kWh of electricity per annum for use in the school, with any surplus electricity being sold to the National Grid. It is estimated that use of the photovoltaic panels will result in 516kg of carbon dioxide emission savings each year.

A display unit allows pupils, visitors and teachers to monitor energy production and carbon dioxide savings. The information can be analysed in science classes as part of the curriculum as well as being used to demonstrate the effectiveness of the school's panels.

Leading by example

As outlined in Hounslow's Community Plan, the council is committed to "promoting technologies such as solar panels and wind turbines to schools and community buildings across the borough." The Plan was produced in collaboration with representatives from the public, private and voluntary sectors to reflect the aspirations of the whole community. Gunnersbury Catholic High is setting an example to other community organisations by taking forward the Community Plan's suggestions and the school hopes to stimulate interest amongst its friends and neighbours.

Want to know more?

Residents and community groups can seek support for installing renewable energy in homes or public buildings by contacting the REAL project team on 020 8683 6683.

Key Points

Technology
1.5kWp grid connected photovoltaics (PV) system

Funding
Scottish Power PV MDP

Collaborators
*Gunnersbury Catholic High School
Renewable Energy Action For London (REAL)
Solargen (Installers)*



PV Installation
Gunnersbury Catholic High School
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