



Case Study - Burdett-Coutts CE Primary

Westminster school lights the way

Pupils at Burdett-Coutts CE Primary School are harnessing the power of the Sun by having solar photovoltaic (PV) panels installed. A launch event was held in autumn to celebrate the occasion with an assembly and quiz for the children and a message of congratulations from the Mayor of Westminster.

The school received funding of £5,000 from EDF Energy and £3,192 from the Photovoltaic Major Demonstration Programme (PVMDP) as well as support from the Renewable Energy Action for London (REAL) initiative to install the system.

No emissions, no problems

The 1.14kWp PV system mounted on the school's roof will generate 912kWh of electricity per annum for use in the school, with surplus electricity being sold to the National Grid. It is estimated that use of the photovoltaic panels will result in 392kg of carbon dioxide emission savings each year.

A display unit allows pupils, visitors and teachers to monitor energy production and carbon dioxide savings.

Leading by example

One of the major criticisms of renewable technologies applies to their appearance. While planning guidelines have changed so that the environmental benefits of such installations carry more weight than aesthetic concerns, in conservation areas and on listed buildings the character of existing developments must be maintained. Burdett-Coutts CE Primary School's solar panels are a great success as the school is located in the Vincent Square Conservation Area, is surrounded by four listed buildings and yet it was possible to site them inconspicuously and to get the support of Westminster Planning Department.

Key Points

Technology
1.14kWp grid connected photovoltaics (PV) system

Funding
*PVMDP
EDF Energy*

Collaborators
*Burdette Coutts CE Primary School
Renewable Energy Action
For London (REAL)
Chelsfield Solar (Installer)*

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.



PV Installation
Burdett-Coutts CE Primary School
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