Case Study - St. Joseph's Infant School

St Joseph's School Plugs into the Sun

Pupils at St Joseph's infant school in Croydon are harnessing the power of the sun through the installation of photovoltaic (PV) solar panels.

St Joseph's School received 100% funding through the Photovoltaic Major Demonstration Programme and the Renewable Energy Action for Communities and Homes (REACH) as part of the Community Renewables Initiative (CRI). The school also received support from the Renewable Energy Action for London (REAL) initiative to install the system.

Key Points

Technology
0.99 kWp grid connected photovoltaics (PV) system

Funding
100% secured through Energy Saving Trust, Community Renewables Initiative

Collaborators
St Joseph's Infant School
Renewable Energy Action For London (REAL)
Creative Environmental Networks
Chelsfield Solar

Tackling Climate Change

The 0.99kWp PV system mounted on the roof of the school will generate 743 kWh 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 to generate electricity will result in 320kg of carbon dioxide emission savings each year.

Education through Visualisation

In a recent speech the Prime Minister said, 'Sustainable development will not just be a subject in the classroom: it will be in its bricks and mortar and the way the school uses and even generates its own power'.

St Joseph's Primary felt that it was essential to actively embrace the sustainability agenda and saw the inclusion of sustainable energy within the school as critical. The solar panels provide a visible display of renewable energy technology to the wider communtiy. A display unit allows pupils and visitors to monitor energy production, demonstrating the educational benefit and understand both the environmetnal and economic benefits of the panels.

Want to know more?

To find out more about St Joseph's Infant School project or to discuss your own project, contact the REAL Project team at Creative Environmental Networks on 020 8683 6683.

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