



Case Study - Rotherhithe Youth Hostel

London Youth Hostel becomes a leading light for solar power

The Rotherhithe Youth Hostel was the first hostel in London to be fitted with solar panels, asserting its place as a leading light for renewable energy in the capital. Jenny Jones, former Deputy Mayor of London, launched the Renewable Energy Action for London (REAL) initiative that supported the installation of a photovoltaic system at the Hostel in December 2003 and a solar hot water system in June 2004.

It didn't cost the earth...

The REAL project team was successful in securing 100% capital funding for the project. Sponsors included the Energy Saving Trust (EST), London Energy and Scottish Power.

A bright beginning...and there's more to come

The 1.8kWp photovoltaic panels and the Genersys flat plate solar water heating system are the first of many community renewable installations to be supported by the REAL initiative.

Rotherhithe Youth Hostel's grid-connected system will generate electricity from daylight for use in the hostel, with any surplus electricity being sold to the National Grid. It is estimated that use of the solar panels, to generate electricity and heat the water, will result in around 2.25 tonnes of carbon dioxide emission savings each year.

Rest, Recuperate, Educate

Part of the YHA's commitment is to help everyone, especially young people of limited means, towards greater knowledge, love and care of the environment and thus promote their health, rest and education. To this end the REAL project team has worked with the YHA to produce displays and press releases, explaining solar power to both visitors and members of the local community.

Keen to broadcast the benefits and accessibility of green energy as widely as possible, REAL and the YHA have worked with local, regional and national media to publicise their success story.

Want to know more?

To find out more about the YHA Rotherhithe installations or to discuss your own project, contact the REAL Project Team on 020 8683 6683.

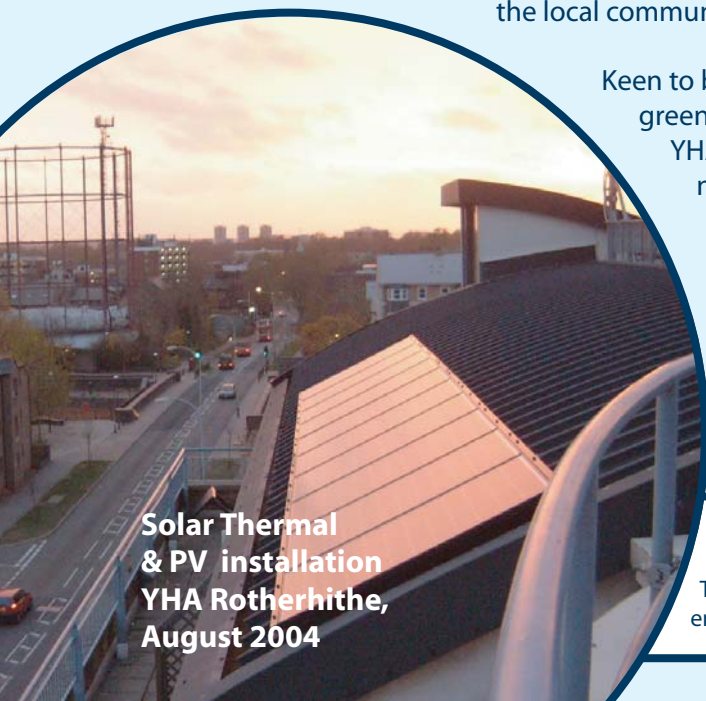
Key Points

Technology
1.8kWp grid connected photovoltaics (PV) and 12m2 solar water heating system

Capital Funding
100% secured through Energy Saving Trust, London Energy, Scottish Power

Collaborators
Youth Hostels Association, Renewable Energy Action For London (REAL)

Installers
Cel-F Solar Systems solarcentury



Solar Thermal & PV installation YHA Rotherhithe, August 2004

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