



Case Study: Kingsmead Primary School, Cheshire

Schools and homes use lots of hot water for washing and bathing. The sun, even in Britain's climate can deliver 30-70% of this energy. At Kingsmead Primary School, four large roof-mounted Solartwin panels pre-heat the schools hot water for washing and bathing.

Client:



Uniquely simple to install in homes, Solartwin is used all over the UK. Solar Twin Ltd now installs roughly 10% of all UK solar water heating panels, using an award winning solar water heating technology. Homes, schools and pools all over the UK benefit from Solartwin's solar water heating installations.



Solar Twin Ltd
2nd Floor
50 Watergate street
Chester
CH1 2LA

Compared to previous forms of solar, Solartwin is uniquely simple to fit in both schools and homes. Its 100% solar electric water pumping system improves its environmental footprint by not requiring any mains electricity.

01244 403 407
trade@solartwin.com
www.solartwin.com

This innovation is crucial to cutting global warming and helps to meet energy targets more easily, with less 'energy drawback'.

"Being a parent and having been a teacher myself, I'm delighted that the next generation of Cheshire children will be learning in a sustainable environment, thanks to Solartwin" says Managing Director, Barry Johnston.

Other Solartwin Schools projects in Cheshire are:

Wistaston Green Primary School - Main Building
Beeston Outdoor Education Centre - Laundry Block
Chester Catholic High School - Science Classroom for the Future

Main contractor :



M&E Contractor :



Consulting Engineers :



Kingsmead primary school Renewable Energy Technology Datasheet:

Renewable energy type: Solar thermal
Application: Domestic hot water
Number of collectors: 4
Orientation: South
Angle of tilt: 45 degrees
Collector total aperture: 11.2 sqm
Panel type: freeze-tolerant

Pump type: 24V variable speed
Power supply: 5 Watt PV cell (x4)
Calorifiers: 750 litre twin coil indirect (x1)
Backup fuel: 1/ Biomass 2/ Mains gas
Global warming target: save 1000 kg CO₂ p.a.
Manufactured in: England