Solarsense
Renewable Energy

01275 461 800

St Mary Redcliffe and Temple School

The roof's existing concrete slab and pebbles were incorporated into the ballast for the array, limiting additional load necessary on the roof in this bespoke A-framing design.

System Size: 16.32kWp
Commissioned: April 2012
Modules: Moser Baer 240Wp

Estimated annual output: 14,762 kWh
Annual CO2 emissions savings: 8.4 tonnes

The Meriton Centre (Schoolgirl mothers unit)

Solarsense's installation plan was tailored specifically to the 'vulnerable' status of the children at this unit. The unusual brick-clad portacabin building required special cabling considerations including external inverters.

System Size: 19.2kWp
Commissioned: March 2012
Modules: Moser Baer 240Wp

Estimated annual output: 16,986 kWh
Annual CO2 emissions savings: 9.6 tonnes

Hotwells Primary School

Planning permission was required for this Victorian school. Extensive roof investigation was undertaken by Solarsense before installation was approved.

System Size: 3.96kWp
Commissioned: December 2011
Modules: Moser Baer 220Wp

Estimated annual output: 3,645 kWh
Annual CO2 emissions savings: 2.1 tonnes

Ashley Down Brunel Fields Shcool

The BCC PV scheme's only new build construction site. Special S-5 clamps were used on the standing seam metal roof which fix without penetration.

System Size: 24kWp
Commissioned: March 2012
Modules: Moser Baer 240Wp

Estimated annual output: 7,343 kWh
Annual CO2 emissions savings: 4.2 tonnes