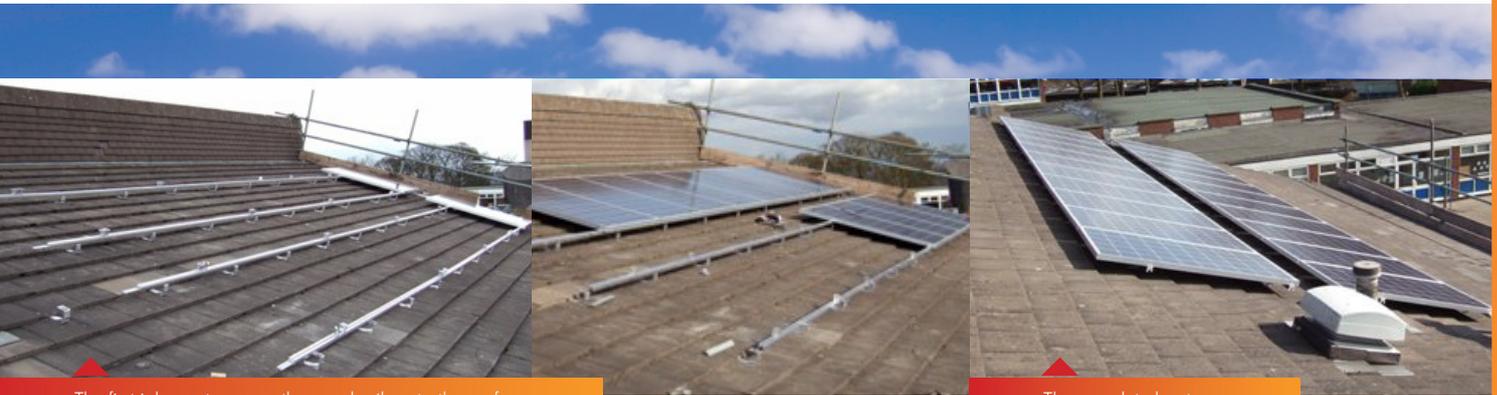


Showing off 24/7

**Hallam Community Hall, Fulwood,
Sheffield 4.00 kWh Solar PV System.**



The first job was to secure the panel rails onto the roof.

The completed system.

Homeco Energy recently completed the installation of a 4.00 kWh solar PV electric system at the Hallam Community Hall located in Fulwood, Sheffield.

The 22 panel system was placed on a South West facing pitched roof laid with concrete interlocking tiles and then fed into the 3 phase electrical system which was located in the plant room.

Because the solar PV system was placed inside a public building we wanted to display the output of the system so that visitors and hall users could see first hand the performance.

The display unit was placed inside the entrance lobby of the hall and displays the current and cumulative energy produced as well as the total savings of CO2.

The chart below shows the expected electricity generation of this system and the income that is produced by the feed in tariff.

Note also that an electricity saving is made since the client no longer has to pay for the amount of electricity that his system produces.

| | |
|---|--------------|
| System Size | 4.00 kWh |
| Annual Generation kWh | 3,334 |
| Electricity Saving @ 12 pence per kiloWatt | £400 |
| Feed In Tariff Income @ 41.3 pence per kiloWatt | £1,377 |
| Year 1 Income and Savings | £1,777 |
| Year 5 Income and Savings - cumulative * | £9,567 |
| Year 10 Income and Savings - cumulative * | £21,061 |
| Year 25 Income and Savings - cumulative * | £72,161 |
| Pay Back time for this project | 9 yrs 6 mths |

* The feed in tariff is guaranteed for 25 years and is index linked and therefore rises each year. We have taken a 3% inflation figure for this illustration.

Please note that the feed in tariff rates shown above are last years rates when this installation was completed. For all systems installed on or after 1st April 2011 the rate is now 43.3 p/kWh.

49 Wollaton Road, Bradway, Sheffield S17 4LF
0114 2935019

homecoenergy.co.uk info@homecoenergy.co.uk

Homeco
energy