

Sunny Samaritan

3.96 kWh Flat Roof Solar PV Installation, The Samaritans Charity, Sheffield.



A Solar PV installation for The Samaritans, Sheffield.

Homeco Energy is always on the lookout for local projects that we can help with.

For this example, we met with the Samaritans in Sheffield and agreed to help fund a Solar PV installation for their main building, whilst also allowing them to benefit from the Feed in Tariff.

The building in question had a relatively new flat roof and so we proposed to install a Solar PV system using our ballast only flat roof mounting system. Homeco Energy managed all notifications and liaised with the local council to help the process run smoothly for the group.

The chart 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	3.96kWh
Annual Generation kWh	3,301
Expected Electricity Saving @ 12 pence per kilowatt*	£198
Feed In Tariff Income @ 43.3 pence per kilowatt	£1,429
Year 1 Income and Savings	£1,679
Year 5 Income and Savings - cumulative *	£8,959
Year 10 Income and Savings - cumulative *	£19,472
Year 25 Income and Savings - cumulative *	£63,458
Expected Pay Back time for this project	5 yrs 10 mths

* Based upon expected 50% usage of total electricity generated.

** 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.

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

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

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