

Roof integrity intact

3.3 kWh Flat Roof Solar PV Installation, Fulwood, Sheffield.



A Solar PV installation in Fulwood, Sheffield.

The client came to Homeco Energy having recently had his flat roof newly renovated.

The aim was to implement a ballast only Solar PV installation, thus saving his new roof from being penetrated. Homeco sourced a brand new mounting system to help meet the needs of the installation.

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	3.33 kWh
Annual Generation kWh	2,776
Expected Electricity Saving @ 12 pence per kilowatt*	£167
Feed In Tariff Income @ 41.3 pence per kilowatt	£1,146
Year 1 Income and Savings	£1,357
Year 5 Income and Savings - cumulative *	£7,239
Year 10 Income and Savings - cumulative *	£15,738
Year 25 Income and Savings - cumulative *	£51,338
Expected Pay Back time for this project	8 yrs 2mths

* 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.

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