



NEW - Clean Energy Cash Back (Feed In Tariff) from 1st April 2010

Solar electric systems also known as Photo Voltaic (PV)

Systems are sized by their peak output (kWp). Think of this as the size of a car engine (e.g. 2 litre)

System performance is best seen by the annual power produced (kWh/annum), think of this as Miles per Gallon, BUT it's what you get rather than what you pay for.

The Government's Standard Assessment Procedure (SAP) allows 800kWh/annum for every one kWp, less a little for roof alignments other than due south and also if there is any shading of the panels.

Remuneration comes in three parts - 1, Generation - 2, Avoided cost - 3, Export

Example

1.75kWp x 800kWh/annum = 1400kWh/annum (due south & no shade)

UK Government's Clean Energy Cash Back (Feed In Tariff) - TBC by Government (January 2010)

1. Generation - 36.5p for everything generated 1400kWh/annum x 36.5p = £511.00 (Paid to you)
2. Avoided cost - if you use the energy from the solar system you will avoid importing this energy, if we say half of what you have generated is used and you pay 12p.
700 kWh/annum x 12p = £84.00 (Lower bills)
3. Export - You get 5p for everything that you don't use as this is exported into the national grid.
700 kWh/annum x 5p = £35.00 (Paid to you)

Anticipated total income

Generation	£511.00 (Paid to you)
Export	<u>£35.00</u> (Paid to you)
TOTAL (Paid to you)	£546.00pa
Avoided cost	£84.00 (Lower Bills)
TOTAL remuneration	£630.00pa

Until April next year you can get the Low Carbon Building Program grant of £2,500.00

For customers living within Kirklees there is the ReCharge Scheme which will give an interest free loan of up to £10,000.00.

This income is guaranteed for 25 years these systems and so will put value onto your home.

[Eco Heat & Power Ltd. 2 Sandbed, Hebden Bridge, West Yorkshire HX7 6PT](http://www.ecoheat.co.uk)
[Tel. 01422 843414 E-mail sales@ecoheat.co.uk Web www.ecoheat.co.uk](mailto:sales@ecoheat.co.uk)

