



# ECO HEAT & POWER LTD.

## NEW - Clean Energy Cash Back (Feed In Tariff)

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), guaranteed for 25 years, linked to RPI and NO tax!

1. Generation - 41.3p for everything generated 1400kWh/annum x 41.3p = £578 (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 when buying this in.  
700 kWh/annum x 12p = £84 (Lower bills)
3. Export - You get 3p for everything that you don't use as this is exported into the national grid.  
700 kWh/annum x 3p = £21.00 (Paid to you)

### Anticipated total income

Generation	£578 (Paid to you)
Export	£21 (Paid to you)
TOTAL (Paid to you)	£599 pa
Avoided cost	£84 (Lower Bills)
TOTAL remuneration	£683 pa

This income is guaranteed for 25 years, the payments linked to RPI and are tax free - so these systems will put value onto your home.

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