

Produce more than just power with Grant Solar PV...



*'The new Government
Feed-in Tariffs are
here, so get ready
to generate some
income from your
green home!'*





A 'greener' return on your investment!

Let's start with the basics...

A Grant Solar PV system generates 'green' electricity. This power can be used to drive anything from an appliance to a light bulb that is usually powered by the mains electrical supply.

Generating your own power enables you to not only reduce your carbon emissions, but also lower your annual electricity bills, as you will inevitably use less power from the National Grid.

Feed-in tariffs are designed to make you go green...

The Government's new 'Generation' Feed-in Tariffs (FiT) are an encouragement for people to switch to renewable technologies in the home, helping the UK to lessen its carbon footprint and meet the 2020 emissions target.

The scheme will pay you for every unit of electricity you generate with renewable technologies like Solar PV, whether it is used in the home or not (exported).

From 1st April 2010 and guaranteed for 25 years, this scheme, results in a shorter payback for Solar PV systems, making them an extremely attractive green option for any home. Looking more closely at this, when the capital cost of the system is paid for, everything you generate and receive as pay-back, is income!

PV systems registering with the scheme from 1st April 2011 to 31st March 2012 will benefit as follows:

Any system up to 4kW on a new build	=	37.8p per kW pay-back
Any system up to 4kW on an existing property (retrofitted)	=	43.3p per kW pay-back
Any system 4-10kW new build or retrofitted	=	37.8p per kW pay-back
Any system 10-100kW new build or retrofitted	=	32.9p per kW pay-back

If you normally pay 12p per kWh for your electricity, you would effectively get both the PV generated power consumed for free and the FiT. So on a retrofit system up to 4kW this would mean $12p + 43.3p = 55.3p$ per kWh saving!

Important information...

Any Solar PV system installed after the 15th July 2009 is eligible for this Feed-in Tariff at the above rate, provided the system uses MCS approved equipment and has been fitted by an MCS accredited installer.



Suddenly Solar PV is an extremely lucrative venture...

A Solar PV system installed under the Renewable Heat Incentive Scheme is guaranteed for 25 years and the financial benefit is transferrable if you decide to sell your home.

To a potential buyer, a house which is generating its own power would be a very attractive proposition, just like having immunity to the OFGEM warning of a possible price increase of up to 25% for fossil fueled energy within the next ten years.



*So many facts and figures! Now let's do the maths for a typical three-bedroom detached house...**



Average electricity cost per year: 3300kWh x 12p per kWh = £396.00

Average cost of purchasing and installing an on-roof 1.8kW Grant Solar PV System (10 modules): = £9,900.00

Approximate power generated per year by the Grant Solar PV System: = 1693kWh

Annual income from the Grant Solar PV System: 1693kWh x 55.3p = £936.23

Approximate power generated over 25-years by the Grant Solar PV System: 42,325kWh x 55.3p = £23,405.73

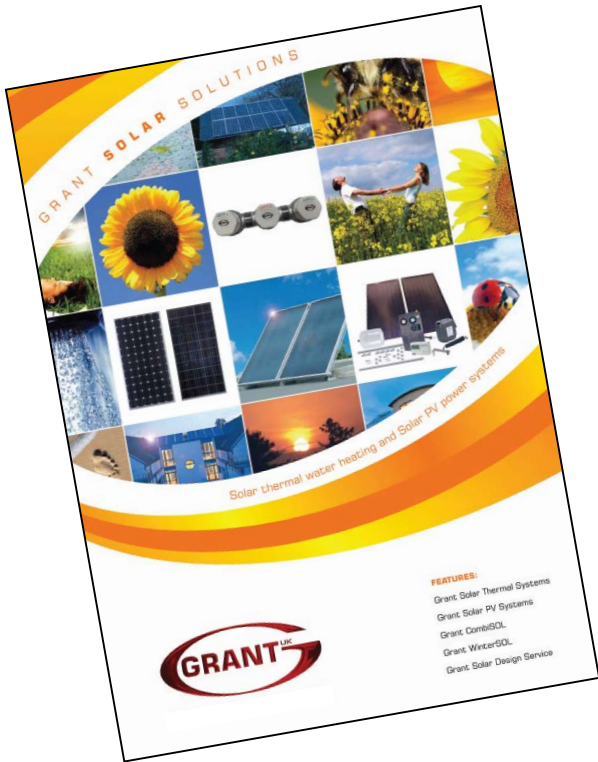
Typical payback time of Grant Solar PV System: $\frac{£9900.00}{£936.23} = 10 \frac{1}{2}$ Years

Return on investment (ROI) over 25-years: Assuming no inflation = £13,505.73

A modest 2% inflation rate applied annually for 25-years to the income generated, increases the ROI to: = £21,299.06

In this calculation payback will be reduced to: = 9 $\frac{1}{2}$ years

*Example is an approximate estimation only for a property in the Midlands. Currently the average UK installed price for Grant Solar PV is around £5500.00 per kWp. VAT @ 5% has not been included in this calculation. The Government have published that the FiT is non-taxable and it will also be Index linked. Only a 2% annual inflation rate has been allowed in our calculation. No consideration for larger rises in fuel prices has been made. Estimated electricity usage has been sourced from the Energy Savings Trust.



Further Information

To download the latest Solar PV brochures, please visit the Grant website at: www.grantuk.com.

This leaflet is accurate at the time of printing but as Grant UK has a policy of continual improvement it may be superseded. We reserve the right to amend specifications without prior notice. The statutory rights of the consumer are not affected.

All products manufactured under I.S. EN ISO 9001 and ISO 14001.

™ THE GRANT 'EZ-FIT FLUE' SYSTEM is a Trade Mark of Grant Engineering Limited.

©Grant Aeron, Grant Spira, Grant Vector, Grant Vortex, Grant Solar, Grant Aurora, Grant Sahara, Grant CombiSOL, Grant WinterSOL, Grant MonoWave, Grant DuoWave, Grant ThermoWave, Euroflame and Multi Pass are registered Trade Marks of Grant Engineering Limited. The contents of this leaflet are fully protected by copyright and nothing may be reproduced without permission from Grant UK.



GRANT ENGINEERING (UK) LTD
HOPTON HOUSE, HOPTON INDUSTRIAL ESTATE,
DEVIZES, WILTSHIRE, SN10 2EU
T: 01380 736920 F: 01380 736991
E: SALES@GRANTUK.COM W: WWW.GRANTUK.COM