

Feed in Tariff Factsheet – PV & Wind Installations

The Basics

The Feed in Tariff (FiT) is a government incentive, to encourage both commercial and domestic customers to generate electricity from renewable sources, and rewarded them for doing so. The FiT came into force on April 1st 2010, however the amount paid to the consumer depends on a number of factor, detailed in the table below. This type of scheme has been running successfully in Germany for several years.

To provide an initial boost to the industry the government has launched the FiT on a very generous basis. The FiT rewards the system owner by paying them for every unit of electricity generated. The electricity generated also supplements the use in the property so the bill payer saves again through needing to purchase less electricity. Over the coming years as installation volumes increase and costs reduce the government intend on reducing the tariff to new entrants to maintain a constant return on investment.

The table below outlines the relevant generation tariff for the type of installation and also outlines the period for which the tariff is guaranteed.

Energy Source	Scale	Generation Tariff	Duration (years)
Solar PV	<4kW New	36.1	25
Solar PV	<4kW Retrofit	41.3	25
Solar PV	>4-10kW	36.1	25
Solar PV	>10-100kW	31.4	25
Solar PV	>100kW-5MW	29.3	25
Solar PV	Standalone	29.3	25
Wind	<1.5kW	34.5	20
Wind	>1.5-15kW	26.7	20
Wind	>15-100kW	24.1	20
Wind	>100-500kW	18.8	20
Wind	>500-1.5MW	9.4	20
Wind	>1.5MW-5MW	4.5	20
Existing generators transferred from RO		9.0	To 20

Note: This table is for all installations installed before April 2012 and is intended to be used as a guide only. The interim period of this is the time between 15th July 2009 and the start of the tariffs in April 2010.

MCS Approval

The Feed in Tariff is **only available** to those that have the installations carried out by an MCS approved installer utilising MCS approved products (such as Intelligent Energy Solutions). Please be wary, some MCS approved installers sometimes offer customers non MCS approved products, these installations may be lower in cost but are not eligible for the FiT.

Example System

Here is an example of the feed-in Tariff works for a typical domestic or small commercial solar PV installation.

*4kW Solar PV installation
South facing roof of 30degrees
Little of no shading*

SAP based output estimate: **3334kWh**

Annual revenue generated would be:-

Feed in Tariff at 41.3p/kWh * 3334kWh = **£1376.94 per year**

Electricity saving (assuming 100% use and 12p/kWh electricity cost) = **£400.08 per year**

Total Saving = **£1,777.02 per year**



How do I apply?

Before your system is installed you should contact your electricity supplier to inform them that you are having a micro-generation system installed. You should also ask them to fit an export meter, some electricity companies will not fit a meter and will determine your export amount based on a standard rate such as 50%. Ask them to send you all the necessary forms.

Once your installation is complete, Intelligent Energy Solutions will register your system with your distribution network operator (DNO) and on the MCS/Gemserv database.

At this stage you should contact your electricity supplier again and tell them that the installation is complete and that you wish to register for the FiT and they will ask you to complete some forms. After gaining your MCS Certificate for your installation, there are only a few other details that your supplier will need from you. Some companies have an application form, but this will vary from supplier to supplier.

You will need some or all of the following information:

- FiT payment type – usually ‘Generation and Fixed Export Payments’
- The type of technology, ie Solar PV or Wind Turbine
- The installation date
- Your property details, such as value and number of bedrooms, whether it was a new build or retro-fit
- The installed capacity, this is the peak power (e.g. 1.8kW)
- MCS certificate (for systems below 50kW)
- Make and model of PV panels or wind turbine
- Cost of overall installation
- MPAN (Meter Point Administration Number – this can be found on a utility bill, and on the MCS certificate you will receive). See [link](#) for further details
- The installer name, Intelligent Energy Solutions Ltd.
- Generation meter make, model and serial number and reading, usually 0
- Export meter make, model and serial number and reading (if applicable)
- Information about your existing electricity supply – the company you are currently with etc
- Details of where you would like the FiT to be paid, ie bank sort code, address and account number.

Your electricity supplier may also require an “installation schematic” – you will find the diagram in the handover pack that we supply. Most energy suppliers have dedicated renewable energy teams that will also be able to assist you with their forms.



Frequently Asked Questions

Will I need a special meter to be able to claim the FiTs?

This depends entirely upon your electricity supplier, as most assume that you export 50% of what you generate, however in some cases electricity suppliers will fit an export meter for you. In certain circumstances we will fit one at no extra cost.

My system is connected to a battery – can I still claim the Feed-in Tariff?

Yes you will be eligible to receive a generation tariff at the rate 29.3p/kWh. If your system is not fitted directly to a building but electricity generated is wired back to the building to be used on site, then you will be eligible to receive the tariff rate that is applicable for the type and capacity of the generating technology.

I am a landlord, if I install an electricity generating system, who will receive the FiTs?

The FiT, which constitutes the majority of the revenue, can be paid directly to the landlord. If the occupants pay the electricity bill directly they will also see a saving on their electricity bill.

Can I get a grant to help pay for my installation?

The Low Carbon Building Program grant system has now been replaced with the FiTs. However some local council grants are still available, contact your local council for further information. Grants for heat generating technologies are due to continue as long as the funds last, and are allocated on a first come first served basis. We expect these also to be phased out in 2011 and be replaced with the heat generation equivalent to the FiT, the Renewable Heat Incentive (RHI).

Will I be eligible to receive the tariff if I move into a home that already has an electricity generating technology?

FiT eligibility remains with the installation, even if the ownership of the home or generating technology changes.

Will the tax man take his cut?

Not if the electricity generated is for domestic purposes. Businesses will be taxed accordingly.

What happens if I want to install a second hand/refurbished product?

Second hand or refurbishes installations are not eligible for the feed in tariff.

More details on the FiT can be found at: <http://www.energysavingtrust.org.uk>