



## Renewable Energy Feed-In Tariffs



### Key Facts

- Accredited renewable electricity systems (e.g. solar PV panels or wind turbines) installed since 15 July 2009 can receive favourable **per-unit payments** for all power generated
- Payments are index-linked, **guaranteed for 20 or 25 years** depending on technology, and tax-free for consumers
- Green heat tariffs follow now (business) or in late 2012 (home)

### Background

The UK government consulted for some time on a more effective way to promote the growth of small-scale renewable energy systems, on homes, businesses, public sector and community buildings.

The prior grant-based support mechanism was replaced in 2010 by a system based on the European REFIT model (**R**enewable **E**nergy **F**eed-**I**n **T**ariff), already common in other EU countries. This pays you a **premium price** for all electricity generated, with rates guaranteed for 20 years (or **25 years for solar PV**), tax free and index-linked. Payments for non-domestic renewable heat (e.g. from solar thermal, heat pumps or wood boilers) also now exist, with homes to follow.

All you need to do is to choose both an installer and a product that are accredited under the national Microgeneration Certification Scheme (**MCS**). There are plenty to choose from, so you should always solicit multiple quotes before proceeding.

**The age of Feed-In Tariffs means there has never been a better time to install an electricity microgeneration system in your home, community or business.**



### Rates (per kWh)

The rate in **red** is under review, but can be taken as a *minimum* for systems installed until early March (and fixed for new systems thereafter):

- Solar PV (up to 4 kW) **21.0p\***
- Solar PV (> 4—10kW) **16.8p\***
- Solar PV (> 10—50kW) **15.2p\***
- Wind turbine (1.5—15 kW) **28.0p**
- Wind turbine (15—100 kW) **25.3p**
- Hydro power (< 15 kW) **20.9p**
- Micro CHP pilot (< 2 kW) **10.5p**

Rates are paid for **all generation**, including power you use yourself; in addition, a **3.1p/kWh** export bonus applies for units spilled to the grid.

### Benefit Illustration

Example: a larger **3 kW PV** system, generating 2,670 kWh per year, of which 50% is deemed to be exported, and a supplier electricity price of 14p/kWh:

Typical installed price:	<b>£7,900</b>
Import savings:	£187
<b>FIT payment:</b>	<b>£561</b>
Export bonus:	£41
<b>Total annual benefit:</b>	<b>£789</b>
<b>Payback time:</b>	<b>10 years</b>

*\* reduced in the late 2011 review*

### Further Information

#### Severn Wye Energy Agency Ltd

Unit 15 Highnam Business Centre  
Highnam, Gloucester, GL2 8DN

E-mail — [renewables@swea.co.uk](mailto:renewables@swea.co.uk)

Web — [www.swea.co.uk](http://www.swea.co.uk)