

# Feed-in Tariff Update

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In this quarterly report we provide a summary of the statistics for the second quarter of FIT Year 4 (1 July – 30 September 2013) and a statistical overview of FIT activity since the start of the scheme until the current quarter.

The figures used in this report are based on FIT installation figures extracted from Ofgem's Central FIT Register. For statistics regarding Microgeneration Certification Scheme figures please refer to the DECC website ([www.gov.uk/government/organisations/department-of-energy-climate-change/series/feed-in-tariff-statistics](http://www.gov.uk/government/organisations/department-of-energy-climate-change/series/feed-in-tariff-statistics)).

## The Feed-in Tariff (FIT) scheme

- The FIT scheme is a Government Programme introduced on 1 April 2010 and designed to promote the uptake of a number of small-scale renewable and low-carbon electricity generation technologies.
- It is available through licensed electricity suppliers and requires some of them (FIT Licensees) to pay tariffs to generators for renewable and low-carbon electricity generated and exported.
- FIT Licensees are responsible for accrediting eligible installations with a declared net capacity less than 50 kW which are Microgeneration Certification Scheme (MCS)-certified, processing generation and export data and making FIT payments. The MCS is an independent certification body.
- Ofgem is responsible for the administration of the FIT scheme, including maintenance of the Central FIT Register, monitoring Supplier compliance and administering the Levelisation process. Ofgem is also responsible for accrediting solar PV and wind installations with a declared net capacity greater than 50 kW and all Anaerobic Digestion and Hydro installations and verifying community/school status.
- The Department of Energy and Climate Change (DECC) is responsible for the FIT scheme policy and legislation.

## FIT Key statistics: (1 April 2010 – 30 September 2013)

- ▶ A total of 424,142 renewable installations have been registered under the scheme as of 30 September 2013.
- ▶ 2,088.7 MW of Total Installed Capacity has been registered under FIT as of 30 September 2013.
- ▶ A total of £232,717,709.55 in FIT payments was due to generators for the quarter 1 July to 30 September 2013.

## FIT Statistics for Second Quarter of FIT Year 4 (1 July – 30 September 2013)

Over 420,000 installations have been registered under the FIT scheme since its introduction on 1 April 2010. A total of 25,839 installations have been registered in this quarter (1 July – 30 September 2013). This represents 6.1 percent of the total number of installations since the start of the scheme. The number of installations registered in this quarter is 37 percent more than in the previous quarter (1 April – 30 June 2013) when 18,988 installations were registered. The registered capacity in this quarter is 171.05 MW which represents 8 percent of the total installed capacity of the scheme as a whole. There has been a 34 percent increase in registered capacity this quarter compared with the previous quarter's uptake (127.08MW), with this quarter's uptake in capacity being the largest quarterly uptake since the same quarter of the previous year (217.16MW). These trends are shown in **Table 1**.

**Table 1: Number of registered FIT Installations by technology since April 2010 until the end of the last quarter, with the last 12 months broken down into quarters. Figures are subject to change.**

	Apr 10 - Sept 12	Oct - Dec 2012	Jan - Mar 2013	Apr - Jun 2013	Jul - Sept 2013	Total Installations
Hydro	326	16	19	25	23	409
Photovoltaic	325,048	27,970	20,628	18,758	25,839	418,243
Wind	3,332	732	567	185	146	4,962
Micro-CHP	402	20	19	15	9	465
Anaerobic digestion	30	7	11	5	10	63
<b>Total</b>	<b>329,138</b>	<b>28,745</b>	<b>21,244</b>	<b>18,988</b>	<b>26,027</b>	<b>424,142</b>

Table 1 illustrates that for the first time since the same quarter in FIT Year 3 there has been an increase in the number of installations registered in a quarter.

Of the 26,027 installations registered between 1 July and 30 September 2013 the largest proportion consists of Solar PV installations, at more than 99.3 percent (25,839) of all registered installations. There were 27 percent more Solar PV installations registered in this quarter compared with the previous quarter which demonstrates the likely seasonal impact on the uptake of installations.

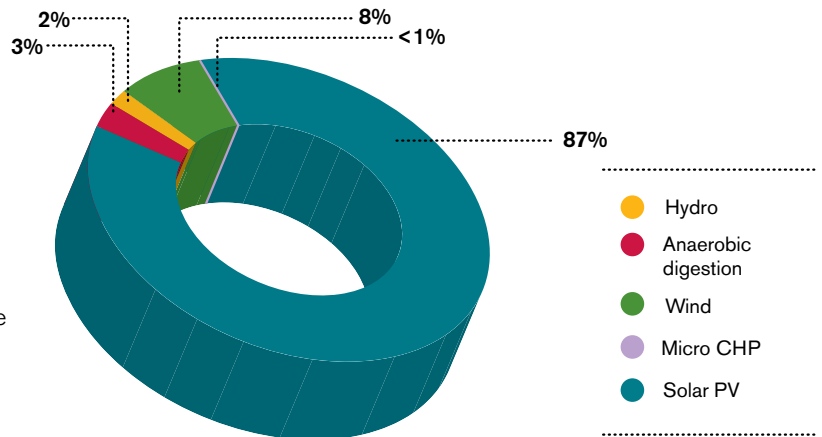
The number of Micro CHP installations continues to fall with 9 installations registered in this quarter compared with 15 in the previous quarter. The number of registered Micro CHP installations has decreased quarterly for the last two years - there has been no increase on deployment levels since the tariff increase in March this year.

There has also been a notable drop in the number of wind installations registered

in this quarter (146) compared to the previous quarter (186). This equates to a 26 percent drop in registered wind installations and is the lowest overall number of wind installations registered since 1 March 2011 - 30 June 2011. The average capacity of wind installations registered has however increased in the last quarter from 0.0952 MW to 0.1583 MW. This is due to a small number of large scale wind installations being registered over the last quarter.

**Chart 1: Total installed capacity by technology type for 1 April 2010 - 30 September 2013**

Chart 1 highlights the continued dominance of solar photovoltaic installations, at 87 percent of Total Installed Capacity. Wind installations constitute 8 percent of the Total Installed Capacity, while Anaerobic Digestion and Hydro installations make up 2 and 3 percent each of the total respectively. The remaining capacity of less than 1 percent is made up of micro-CHP installations.



## FIT Activity: Since the start of the scheme (1 April 2010 – 30 September 2013)

**Chart 2: Registered FIT installations by number and Total Installed capacity (1 April 2010 - 30 September 2013)**

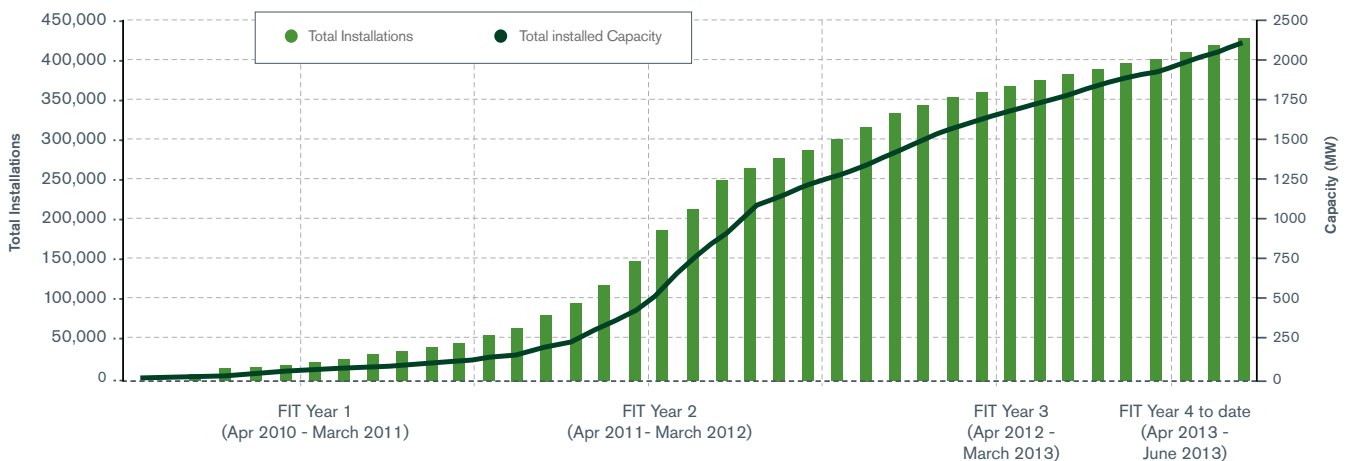


Chart 2 illustrates the cumulative growth in both the number of installations and Total Installed Capacity registered under the scheme. The chart highlights the change in registration trends across the scheme since April 2010. Of note is the more gradual, but consistent uptake of installations across the scheme over the last twelve months.

# Regional Breakdown of FIT Activity

**Figure 1** demonstrates that the South of England has the highest Total Installed Capacity with 436.08 MW for the South West and 293.96 MW registered for the South East. London has the lowest Total Installed Capacity with 43.80 MW followed by the North East with 65.25 MW. All other regions of Great Britain have between 100 -220 MW of registered Total Installed Capacity.

Since the previous quarter's update there has been very little change in the split of capacity by technology in each region. However the percentage of wind capacity installed in both the North West and the North East of England has increased by 2% and 4% respectively, which is due to a number of large scale wind installations being registered during the 1 July to 30 September 2013 period.

Solar PV installations make up more than 84 percent of the Total Installed Capacity in each region except for Scotland. Solar PV in Scotland accounts for 50 percent, with Wind and Hydro accounting for 35 percent and 15 percent respectively of the Total Installed Capacity.

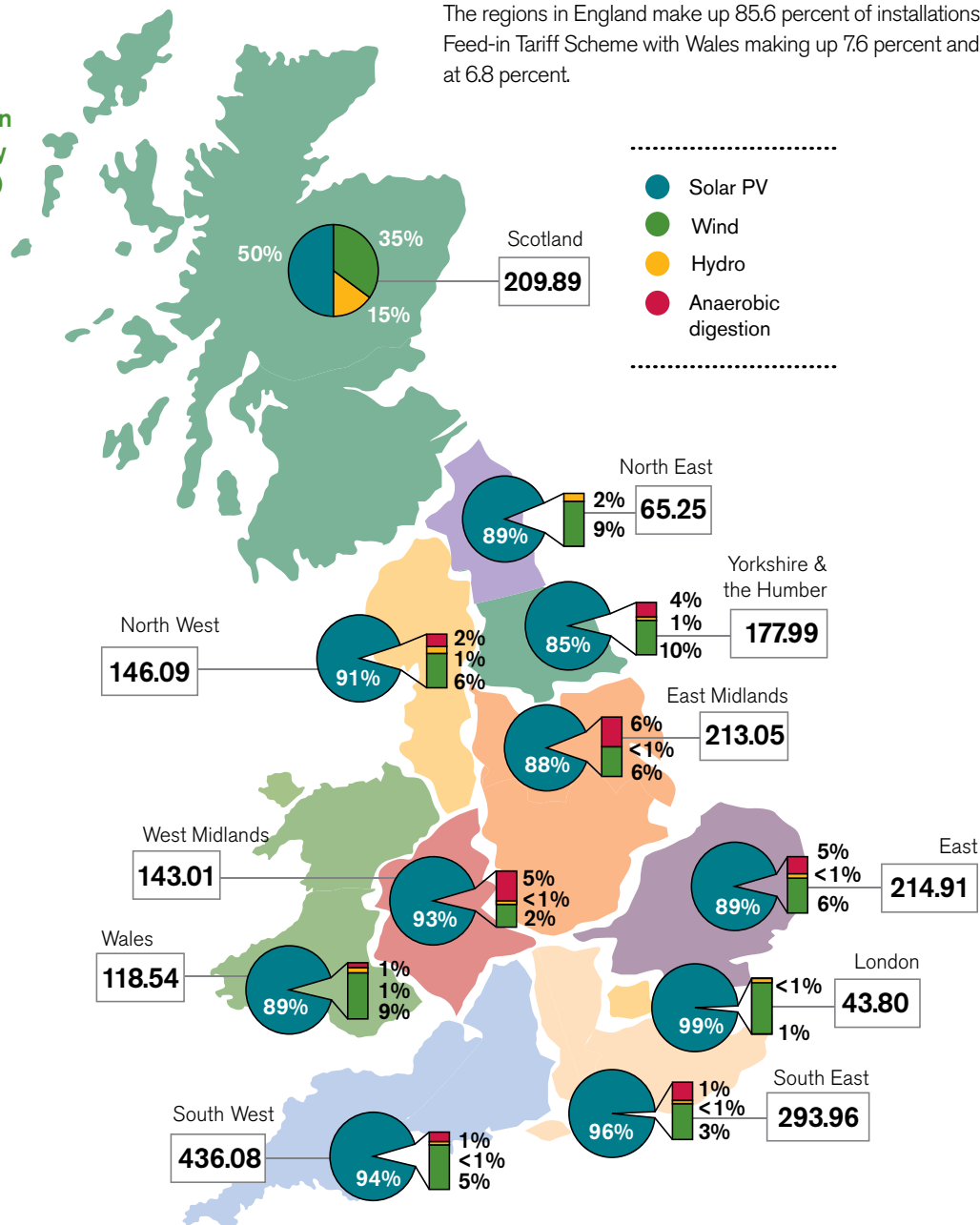
The percentage of Solar PV capacity is marginally higher in the Southern areas of England with the South East, South West, London and the West Midlands regions having 94% or more Solar PV capacity. Eastern regions (East of England, East Midlands and North East regions) have less than 90% Solar PV capacity.

Within England there are 62 Anaerobic Digestion plants with an average Total Installed Capacity of 835 kW; Wales and Scotland have much lower numbers of Anaerobic digestion plants with smaller average Total Installed Capacity of 499 kW and 225 kW respectively.

Micro-CHP installations have been accredited in all regions across Great Britain; however as of 30 September 2013 the Total Installed Capacity of the installations was 0.473 MW, which represents approximately 0.03 percent of capacity under the FIT Scheme. The average installed capacity of a Micro-CHP installation is 1.02kW compared with 4.36kW for Solar PV and 35.01kW for wind technologies.

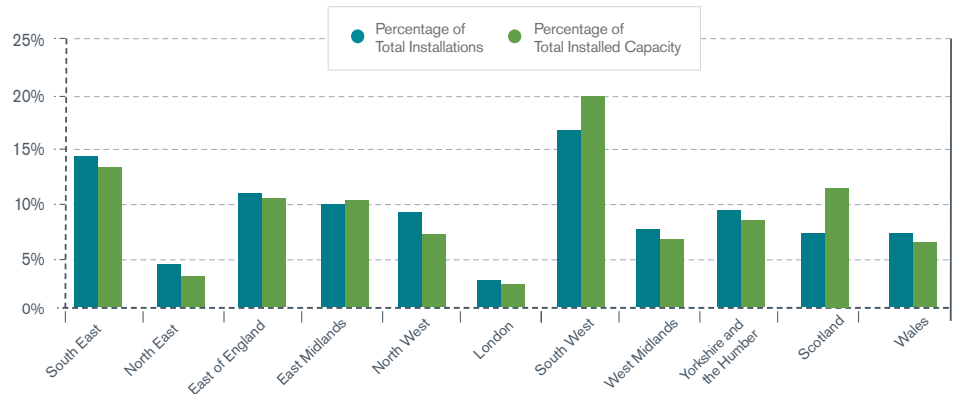
The regions in England make up 85.6 percent of installations under the Feed-in Tariff Scheme with Wales making up 7.6 percent and Scotland at 6.8 percent.

**Figure 1:**  
Regional breakdown of installed capacity by technology (MW)



### Chart 3. Percentage share of total installations and Total Installed Capacity by region.

**Chart 3** focuses on the regional breakdown of installations and capacity under the FIT scheme to 30 September 2013. When compared with the last quarter, the South West region still remains the holder of the highest number of FIT registered installations. In addition, the South West also contains the greatest Total Installed Capacity of installations in Great Britain. The South East is the next highest region in both total numbers and installed capacity. The graph shows that Scotland holds on average larger scale installations with only 7.4 percent of the total installations but with 11.5 percent of the total installed capacity.



The North West has on average smaller scale installations with 9.1 percent of the total number of installations but only 7.2 percent of the total installed capacity.

## FIT Levelisation Process

The most recent Periodic Levelisation process covered the period 1 July to 30 September 2013 and was completed on 11 November 2013. Licensed Electricity Suppliers reported a total of 67,758,484.32 MWh of relevant electricity supplied during this period.

As part of the Periodic Levelisation process, all Licensed Electricity Suppliers (regardless of FIT participation status) are required to make payments into Ofgem E-Serve's Levelisation Fund, based on their market share of the Great Britain electricity supply market and taking account of any FIT payments they make to generators. The fund is then redistributed to FIT licensees that have made more payments to generators than they would be required to by their market share contribution.

In the latest Periodic Levelisation period, the total Levelisation fund was calculated to be £223,435,617.22. This figure represents an increase of just over £56 million from the previous quarter (1 April to 30 June 2013) which is likely a result of seasonal variation in generation from renewable technologies and an increase in uptake.

This figure represents the cost of the scheme in that quarter and includes generation payments, deemed export payments claimed by generators, the qualifying (administration) costs incurred by FIT Licensees, minus the value of deemed export to Licensed Electricity Suppliers.

During the most recent Periodic Levelisation period, a total of £232,717,709.55 in FIT payments to generators was reported by FIT Licensees. This figure is an increase of just over £66 million from the previous Periodic Levelisation process, and includes both generation and export (deemed and metered) payments claimed by installations registered under the scheme. All owed payments were received by Ofgem, and the fund was successfully redistributed to those FIT Licensees that were owed money from the fund.

The third quarterly Periodic Levelisation process of FIT Year 4 is due to commence from 2 January 2014 and will cover the quarter 1 October 2013 to 31 December 2013.

A timetable for the levelisation periods and deadlines for FIT Year 4 is available from the Ofgem website: [www.ofgem.gov.uk/fits](http://www.ofgem.gov.uk/fits).

## Additional information on FIT activity

The information described in this report relates to activity in the FIT scheme from 1 April 2010 – 30 September 2013. For more current details on FIT activity, please refer to the FIT Summary or FIT Installation Statistical Reports available from the Public Reports section of the Renewables and CHP Register: <https://www.renewablesandchp.ofgem.gov.uk>

## Feed-in Tariff scheme contact details

For information on home or business electricity generation and how to join the FIT scheme, please contact the **Energy Saving Trust** on **0300 123 1234 (England and Wales)** or **0800 512 012 (Scotland)**.

For information on accreditation of installations of Wind and Solar below 50kW and general information about

products and installers, please contact Gemserv on **020 7090 1082**.

For general queries regarding FIT accreditation of all Hydro and AD installations and Wind and Solar PV installations between 50kW and 5MW only, please contact **ROOFIT@ofgem.gov.uk** or **020 7901 7310**.

**For more information on FITs, including a list of the current FIT Licensees, please visit the Ofgem website: [www.ofgem.gov.uk/fits](http://www.ofgem.gov.uk/fits)**

If you have any comments or suggestions on the information provided within the FIT update or would like to be added to the distribution list, please email [FITupdate@ofgem.gov.uk](mailto:FITupdate@ofgem.gov.uk)