|  |  |  |
| --- | --- | --- |
| *SMS Metering Ltd SolarCorner**41 London Road**Castle Court**Reigate RH2 9RJ* |  | www.smsmetering.co.uk  |

 **UK Renewables Market**

1. CO2 Emission Reduction Programme
2. The Climate Change Act and the Energy Act
3. Renewables Report Update
4. Feed-in-Tariff, Ofgem and Energy Saving Trust
5. Renewable Obligation Certificates
6. Smart Metering roll out
7. **CO 2 emission reduction programme**

The UK government has accepted the target to reduce the UK greenhouse gas emissions (incl. CO 2) by 80% by 2050 ( starting point in 1990).

This target falls under the responsibility of the following departments and Ministers:

* [Department of Energy & Climate Change (DECC)](https://www.gov.uk/government/organisations/department-of-energy-climate-change)
* [Committee on Climate Change](https://www.gov.uk/government/organisations/committee-on-climate-change)
* [Department for Business, Innovation & Skills (BIS)](https://www.gov.uk/government/organisations/department-for-business-innovation-skills)
* [Department for Communities and Local Government (DCLG)](https://www.gov.uk/government/organisations/department-for-communities-and-local-government)
* [Department for Environment Food & Rural Affairs (Defra)](https://www.gov.uk/government/organisations/department-for-environment-food-rural-affairs)
* [Department for Transport (DfT)](https://www.gov.uk/government/organisations/department-for-transport)
* [HM Treasury (HMT)](https://www.gov.uk/government/organisations/hm-treasury)

Ministers:

[The Rt Hon Gregory Barker MP](https://www.gov.uk/government/ministers/minister-of-state--12)

[The Rt Hon Edward Davey MP](https://www.gov.uk/government/ministers/secretary-of-state-for-energy-and-climate-change)

In response to the European Commission 2030 White Paper on climate change, the secretary confirmed that 40% GHG target for Europe is good, but a 50% target might be needed if a global climate deal is to be signed in 2015.

UK has accepted a 2008 Climate Change Act . The strategy includes these policies:

* setting [carbon budgets](https://www.gov.uk/government/policies/reducing-the-uk-s-greenhouse-gas-emissions-by-80-by-2050/supporting-pages/carbon-budgets) to limit the amount of greenhouse gases
* using [statistics on greenhouse gas emissions](https://www.gov.uk/government/organisations/department-of-energy-climate-change/series/uk-greenhouse-gas-emissions) and [further evidence, analysis and research](https://www.gov.uk/government/policies/using-evidence-and-analysis-to-inform-energy-and-climate-change-policies) to inform energy and climate change policy
* using the [EU Emissions Trading Scheme (EU ETS)](https://www.gov.uk/government/policies/reducing-the-uk-s-greenhouse-gas-emissions-by-80-by-2050/supporting-pages/eu-emissions-trading-system-eu-ets) to help deliver results in 2013 -2020
* using a set of values for carbon to make sure project and policy appraisals account for their climate change impacts
* using the [2050 Calculator](https://www.gov.uk/2050-pathways-analysis) to let policy makers and the public explore the different options for meeting the 2050 emissions reduction targets.

On the other hand a reduction of energy use is implemented by following means:

* reducing demand for energy with [smart meters](https://www.gov.uk/government/policies/helping-households-to-cut-their-energy-bills/supporting-pages/smart-meters) and other [energy-efficient measures for industry, businesses and the public sector](https://www.gov.uk/government/policies/reducing-demand-for-energy-from-industry-businesses-and-the-public-sector--2)
* reducing emissions by improving the energy efficiency of properties through the [Green Deal](https://www.gov.uk/government/policies/helping-households-to-cut-their-energy-bills/supporting-pages/green-deal)
* providing incentives for public and private sector organisations through the [CRC Energy Efficiency Scheme](https://www.gov.uk/government/policies/reducing-demand-for-energy-from-industry-businesses-and-the-public-sector--2/supporting-pages/crc-energy-efficiency-scheme) (org. that consumed over 6,000 MWhours can get 90% subsidy from Climate change Levy)
* [reducing greenhouse gases and other emissions from transport](https://www.gov.uk/government/policies/reducing-greenhouse-gases-and-other-emissions-from-transport)
* [reducing greenhouse gas emissions from agriculture](https://www.gov.uk/government/policies/reducing-the-uk-s-greenhouse-gas-emissions-by-80-by-2050/supporting-pages/reducing-greenhouse-gas-emissions-from-agriculture)

You can see this complex model by opening the [The 2050 Calculator](http://2050-calculator-tool.decc.gov.uk/pathways/1111111111111111111111111111111111111111111111111111/primary_energy_chart)

or the user-friendly [web-tool version](http://2050-calculator-tool.decc.gov.uk/pathways/1111111111111111111111111111111111111111111111111111/primary_energy_chart) of the Calculator for a detailed look at the issue the [simplified My2050 simulation](http://my2050.decc.gov.uk/)

The global picture is explained here:

<https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/147853/2050_one_pagers.PDF>

1. **The Climate Change Act and the Energy Act**

The [Climate Change Act 2008](http://www.legislation.gov.uk/ukpga/2008/27/contents) sets out the UK’s legally binding targets. It aims to:

* improve carbon management and help the transition to a low-carbon economy in the UK
* show the UK is committed to taking its share of responsibility for reducing global greenhouse gas emissions by developing negotiations on a [post-2012 international climate change agreement](https://www.gov.uk/government/policies/taking-international-action-to-mitigate-climate-change/supporting-pages/negotiating-for-a-comprehensive-global-climate-change-agreement)

Also the Energy Act and the Energy Bill can be explored, for these click here:

[Department of Energy & Climate Chang](https://www.gov.uk/government/organisations/department-of-energy-climate-change)e

but a more hands on report is available in the form of the Annual Energy Statement 2012

Document is here:

[](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/65633/7086-annual-energy-statement-2012.pdf)

**[Annual Energy Statement 2012](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/65633/7086-annual-energy-statement-2012.pdf)**

1. **Renewables Report Update**

This report issued in December 2013 shows that renewable electricity capacity is increasing and has reached 20 GW (chart page 44) and that installed solar capacity is 10% of that, having only started in 2010, based on the Feed in Tariffs.

You can dowload here:

<https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/266415/renewables.pdf>

1. **Feed-in-Tariff (FIT)**

This scheme is run by DECC.

The Feed in Tariff scheme (FiTs) was introduced on 1st April 2010 and is a financial support scheme for eligible low-carbon electricity technologies, aimed at small-scale installations up to a maximum capacity of 5 Megawatts (MW). FiTs support new anaerobic digestion, hydro, solar photovoltaic and wind projects up to that 5 MW limit.

Data for Feed in Tariff (FiTs) installations will be available for both capacity and generation. Both capacity and generation measures will be published in two new Energy Trends internet only tables, ET5.6 (capacity data) and ET5.7 (generation data). These figures will then feed into the calculations for the relevant tables in Chapter 5 and 7 of the Digest of UK Energy Statistics (DUKES). The capacity data (ET5.6) will be published on a quarterly basis and the generation data (ET5.7) will be published on an annual basis.

OFGEM will assist DECC in providing records of the FIT installations.

FIT Generation data is hown here:

|  |  |  |  |
| --- | --- | --- | --- |
|  **ELECTRICITY** |  |   |   |
| **Table 5.7. Feed in Tariff generation 1 2** |   |   |
|   |   | **2010/11** | **2011/12** |
| **Generation, by tariff type** |   | **MWh** | **MWh** |
| **Technology** |   |   |   |
| Anaerobic digestion  | <=250kW\* |  -  |  -  |
| Anaerobic digestion  | >250-500kW\* |  -  |  -  |
| Anaerobic digestion  | <=500kW | 257 | 16,905 |
| Anaerobic digestion  | >500kW-5M | 2,414 | 54,702 |
| Hydro | <=15 kW | 522 | 2,072 |
| Hydro | >15-100kW | 1,377 | 4,179 |
| Hydro | >100kW-2MW | 17,149 | 45,947 |
| Hydro | >2-5MW |  -  |  -  |
| MicroCHP pilot | <=2kW | 29 | 242 |
| PV | <=4kW (new build) | 310 | 811 |
| PV | <=4kW (retrofit) | 14,062 | 171,932 |
| PV | >4-10kW | 612 | 7,329 |
| PV | >10-100kW | 388 | 8,271 |
| PV | >100kW-5MW |  -  | 18,475 |
| PV | Stand alone | 67 | 46,432 |
| PV | >10-50kW \* |  -  | 5,719 |
| PV | >50-100kW \* |  -  |  -  |
| PV | >100-150kW \* |  -  | 23 |
| PV | >150-250kW \* |  -  | 206 |
| PV | >250kW-5MW \* |  -  |  -  |
| PV | Stand alone \* |  -  |  -  |
| Wind | <=1.5kW | 3 | 3 |
| Wind | >1.5-15kW | 3,372 | 14,655 |
| Wind | >15-100kW | 1,381 | 9,355 |
| Wind | >100-500kW | 364 | 5,587 |
| Wind | >500kW-1.5MW | 14,174 | 37,659 |
| Wind | >1.5-5MW | 0 | 26,252 |
| Existing (transferred from RO) |   | 12,079 | 21,424 |
| **TOTAL** |   | **68,559** | **498,179** |
|   |   |   |   |
|   |   | **2010/11** | **2011/12** |
| **Exports, by tariff type 3** |   | **MWh** | **MWh** |
| **Technology** |   |   |   |
| Anaerobic digestion  | <=250kW\* |  -  |  -  |
| Anaerobic digestion  | >250-500kW\* |  -  |  -  |
| Anaerobic digestion  | <=500kW |  -  | 222 |
| Anaerobic digestion  | >500kW-5M |  -  | 0 |
| Hydro | <=15 kW | 313 | 1,098 |
| Hydro | >15-100kW | 338 | 894 |
| Hydro | >100kW-2MW |  -  | 58 |
| Hydro | >2-5MW |  -  |  -  |
| MicroCHP pilot | <=2kW | 13 | 114 |
| PV | <=4kW (new build) | 63 | 374 |
| PV | <=4kW (retrofit) | 6,929 | 73,864 |
| PV | >4-10kW | 343 | 3,428 |
| PV | >10-100kW | 158 | 1,962 |
| PV | >100kW-5MW |  -  | 662 |
| PV | Stand alone | 17 | 607 |
| PV | >10-50kW \* |  -  | 1,458 |
| PV | >50-100kW \* |  -  |  -  |
| PV | >100-150kW \* |  -  |  -  |
| PV | >150-250kW \* |  -  | 103 |
| PV | >250kW-5MW \* |  -  |  -  |
| PV | Stand alone \* |  -  |  -  |
| Wind | <=1.5kW | 2 | 1 |
| Wind | >1.5-15kW | 1,666 | 6,682 |
| Wind | >15-100kW | 532 | 3,129 |
| Wind | >100-500kW |  -  | 746 |
| Wind | >500kW-1.5MW |  -  | 566 |
| Wind | >1.5-5MW |  -  |  -  |
| Existing (transferred from RO) |   | 4,567 | 8,392 |
| **TOTAL** |   | **14,941** | **104,361** |
|   |   |   |   |
|   |   | **2010/11** | **2011/12** |
| **Installations corresponding to generation, by tariff type** |  |  |
| **Technology** |   |  |  |
| Anaerobic digestion  | <=250kW\* |  -  |  -  |
| Anaerobic digestion  | >250-500kW\* |  -  |  -  |
| Anaerobic digestion  | <=500kW | 1 | 9 |
| Anaerobic digestion  | >500kW-5M | 1 | 8 |
| Hydro | <=15 kW | 32 | 75 |
| Hydro | >15-100kW | 17 | 34 |
| Hydro | >100kW-2MW | 9 | 23 |
| Hydro | >2-5MW |  -  |  -  |
| MicroCHP pilot | <=2kW | 49 | 301 |
| PV | <=4kW (new build) | 200 | 2,106 |
| PV | <=4kW (retrofit) | 17,873 | 193,740 |
| PV | >4-10kW | 294 | 3,320 |
| PV | >10-100kW | 57 | 418 |
| PV | >100kW-5MW | 0 | 64 |
| PV | Stand alone | 11 | 177 |
| PV | >10-50kW \* |  -  | 1,342 |
| PV | >50-100kW \* |  -  | 1 |
| PV | >100-150kW \* |  -  | 2 |
| PV | >150-250kW \* |  -  | 1 |
| PV | >250kW-5MW \* |  -  |  -  |
| PV | Stand alone \* |  -  |  -  |
| Wind | <=1.5kW | 4 | 10 |
| Wind | >1.5-15kW | 412 | 1,314 |
| Wind | >15-100kW | 42 | 232 |
| Wind | >100-500kW | 2 | 10 |
| Wind | >500kW-1.5MW | 6 | 17 |
| Wind | >1.5-5MW |  -  | 4 |
| Existing (transferred from RO) |   | 2,695 | 3,643 |
| **TOTAL** |   | **21,705** | **206,851** |
|  |   |   |   |
|   |   | **2010/11** | **2011/12** |
| **Generation, by technology** |   | **MWh** | **MWh** |
|   | Anaerobic digestion  |  2,671  |  71,607  |
|   | Hydro |  19,048  |  52,198  |
|   | MicroCHP pilot |  29  |  242  |
|   | Photovoltaics |  15,439  |  259,198  |
|   | Wind |  19,294  |  93,511  |
|   | Existing (transferred from RO) |  12,079  |  21,424  |
|   | **TOTAL** |  **68,559**  |  **498,179**  |
|   |  |  |  |
|   |  | **2010/11** | **2011/12** |
| **Exports, by technology** |   | **MWh** | **MWh** |
|   | Anaerobic digestion  |  -  |  222  |
|   | Hydro |  651  |  2,049  |
|   | MicroCHP pilot |  13  |  114  |
|   | Photovoltaics |  7,510  |  82,459  |
|   | Wind |  2,199  |  11,124  |
|   | Existing (transferred from RO) |  4,567  |  8,392  |
|   | **TOTAL** |  **14,941**  |  **104,361**  |
|   |  |  |  |
| **Installations corresponding to generation, by technology** | **2010/11** | **2011/12** |
|   | Anaerobic digestion  |  2  |  17  |
|   | Hydro |  58  |  132  |
|   | MicroCHP pilot |  49  |  301  |
|   | Photovoltaics |  18,435  |  201,171  |
|   | Wind |  466  |  1,587  |
|   | Existing (transferred from RO) |  2,695  |  3,643  |
|   | **TOTAL** |  **21,705**  |  **206,851**  |
|   |   |   |   |
| 1. Data are based on payments made by suppliers to FiTs installations for generation and exports reported between 1 April 2010 and 31 March 2011 (for 2010/11) and 1 April 2011 to 3 March 2012 (for 2011/12). There were 247,059 installations confirmed on FiTs at the end of March 2012 - the remaining 104,416 installations had not received generation payments during the year. In addition, generation for time-periods during the year not covered by submitted meter readings will not be included. Total generation and exports under FiTs in 2011/12 will therefore be under-estimated. |
| 2. Data are based on the tariff code under which payments were made during the year. The FiTs register is continually being updated, and revisions can be made to the tariff band under which an installation falls. |
| 3. Exports to public distribution system made under the FiTs export tariff (including deemed exports). This does not include exports made under other arrangements. |
| \* New tariff introduced under the FiT Scheme. |   |   |

**FIT tarif rates are shown here:**

Once you are receiving Feed-In Tariffs, the rate you get will increase in line with inflation in accordance with the Retail Price Index (RPI). ). The tables below summarise the latest tariffs available for each technology. For the full list of tariff rates visit the [Ofgem web site](http://www.ofgem.gov.uk/Sustainability/Environment/fits/tariff-tables/Pages/index.aspx).

**Summary of solar PV tariffs**

|  |  |  |  |
| --- | --- | --- | --- |
| **Total installed capacity (kW)** | **Generation tariff with eligibility date or after 1 January 2014 and before 1 April 2014** |  | **Lower tariff (if EPC requirement not met) with eligibility date on or after 1 January 2014 and before 1 April 2014** |
| <4kW (new build and retrofit) | 14.90p/kWh |   | 6.61p/kWh |
| >4-10kW | 13.50p/kWh |   | 6.61p/kWh |
| >10-50kW | 12.57p/kWh |   | 6.61p/kWh |
| stand-alone | 6.61p/kWh |   | 6.61p/kWh |

  For solar PV:

* evidence of property’s EPC rating will be required when applying for FITs. If no evidence showing the EPC has a band D or higher then the lower rate will apply.
* the export tariff for solar PV is currently 4.64p/kWh

the tariff period (lifetime) is now 20 years

Feed-in Tariffs for solar PV, [use our Solar Energy Calculator](http://www.energysavingtrust.org.uk/Generating-energy/Getting-money-back/Solar-Energy-Calculator).

Weekly reports are available here:

[**Weekly solar PV installation and capacity based on registration date**](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/282606/Weekly_Microgeneration_Certificate_Scheme_PV_installations_and_capacity_week_ending_16th_February_2014_reg.xls)

The weekly report shows about 2000 domestic solar PV installations per week in the UK with all the exciting activity in the past.

Capacity data is here:

|  |  |
| --- | --- |
|  | **Capacity installed each week (kW)** |
|  |  | **Tariff bands** |
| **Week ending** | **Total** | **0-4** | **4-10** | **10-50** |
|  |  |  |  |  |
| Sunday, 29 January 12 | 10,534 | 8,779 | 578 | 1,177 |
| Sunday, 5 February 12 | 11,438 | 9,667 | 461 | 1,309 |
| Sunday, 12 February 12 | 17,148 | 15,253 | 485 | 1,410 |
| Sunday, 19 February 12 | 25,827 | 22,483 | 898 | 2,447 |
| Sunday, 26 February 12 | 52,668 | 39,673 | 2,631 | 10,364 |
| Sunday, 4 March 12 | 123,230 | 74,454 | 7,371 | 41,405 |
| Sunday, 11 March 12 | 5,214 | 4,465 | 270 | 478 |
| Sunday, 18 March 12 | 9,645 | 8,188 | 307 | 1,150 |
| Sunday, 25 March 12 | 14,524 | 13,311 | 471 | 743 |
| Sunday, 1 April 12 | 41,616 | 30,535 | 1,640 | 9,441 |
| Sunday, 8 April 12 | 3,622 | 2,829 | 215 | 578 |
| Sunday, 15 April 12 | 3,795 | 3,130 | 109 | 556 |
| Sunday, 22 April 12 | 5,304 | 4,345 | 257 | 703 |
| Sunday, 29 April 12 | 5,909 | 4,874 | 242 | 793 |
| Sunday, 6 May 12 | 6,725 | 5,396 | 193 | 1,135 |
| Sunday, 13 May 12 | 6,910 | 5,071 | 322 | 1,517 |
| Sunday, 20 May 12 | 8,446 | 7,242 | 324 | 881 |
| Sunday, 27 May 12 | 9,735 | 7,871 | 362 | 1,502 |
| Sunday, 3 June 12 | 9,882 | 7,839 | 318 | 1,724 |
| Sunday, 10 June 12 | 7,011 | 5,640 | 165 | 1,205 |
| Sunday, 17 June 12 | 11,357 | 9,310 | 362 | 1,685 |
| Sunday, 24 June 12 | 13,403 | 10,372 | 549 | 2,483 |
| Sunday, 1 July 12 | 15,771 | 11,530 | 650 | 3,591 |
| Sunday, 8 July 12 | 15,071 | 10,966 | 631 | 3,474 |
| Sunday, 15 July 12 | 18,509 | 13,178 | 796 | 4,535 |
| Sunday, 22 July 12 | 25,523 | 17,831 | 1,393 | 6,299 |
| Sunday, 29 July 12 | 52,566 | 31,674 | 3,330 | 17,562 |
| Sunday, 5 August 12 | 21,890 | 10,629 | 1,445 | 9,816 |
| Sunday, 12 August 12 | 2,706 | 1,971 | 126 | 610 |
| Sunday, 19 August 12 | 2,805 | 2,464 | 127 | 215 |
| Sunday, 26 August 12 | 3,328 | 2,927 | 157 | 244 |
| Sunday, 2 September 12 | 3,315 | 2,739 | 78 | 498 |
| Sunday, 9 September 12 | 4,294 | 3,649 | 235 | 410 |
| Sunday, 16 September 12 | 3,984 | 3,486 | 135 | 362 |
| Sunday, 23 September 12 | 4,124 | 3,526 | 168 | 430 |
| Sunday, 30 September 12 | 4,588 | 4,050 | 146 | 392 |
| Sunday, 7 October 12 | 4,394 | 3,824 | 149 | 420 |
| Sunday, 14 October 12 | 6,131 | 5,016 | 221 | 894 |
| Sunday, 21 October 12 | 7,090 | 5,775 | 240 | 1,075 |
| Sunday, 28 October 12 | 13,825 | 9,849 | 625 | 3,351 |
| Sunday, 4 November 12 | 13,123 | 8,706 | 827 | 3,591 |
| Sunday, 11 November 12 | 2,781 | 2,247 | 113 | 421 |
| Sunday, 18 November 12 | 3,793 | 3,281 | 130 | 382 |
| Sunday, 25 November 12 | 3,875 | 3,301 | 131 | 443 |
| Sunday, 2 December 12 | 5,407 | 4,666 | 152 | 590 |
| Sunday, 9 December 12 | 5,204 | 4,313 | 297 | 594 |
| Sunday, 16 December 12 | 6,145 | 4,901 | 278 | 967 |
| Sunday, 23 December 12 | 8,043 | 6,314 | 426 | 1,303 |
| Sunday, 30 December 12 | 863 | 760 | 10 | 93 |
| Sunday, 6 January 13 | 1,969 | 1,432 | 114 | 423 |
| Sunday, 13 January 13 | 4,942 | 4,121 | 137 | 683 |
| Sunday, 20 January 13 | 5,681 | 4,399 | 211 | 1,072 |
| Sunday, 27 January 13 | 4,836 | 3,812 | 244 | 780 |
| Sunday, 3 February 13 | 5,895 | 4,561 | 316 | 1,019 |
| Sunday, 10 February 13 | 5,902 | 4,590 | 273 | 1,039 |
| Sunday, 17 February 13 | 5,655 | 4,369 | 195 | 1,091 |
| Sunday, 24 February 13 | 6,616 | 4,686 | 404 | 1,527 |
| Sunday, 3 March 13 | 7,109 | 5,128 | 382 | 1,598 |
| Sunday, 10 March 13 | 6,626 | 4,969 | 323 | 1,334 |
| Sunday, 17 March 13 | 7,656 | 5,827 | 312 | 1,517 |
| Sunday, 24 March 13 | 7,614 | 5,581 | 409 | 1,623 |
| Sunday, 31 March 13 | 8,282 | 5,457 | 318 | 2,506 |
| Sunday, 7 April 13 | 6,669 | 4,784 | 329 | 1,556 |
| Sunday, 14 April 13 | 8,418 | 5,632 | 406 | 2,380 |
| Sunday, 21 April 13 | 8,022 | 5,439 | 339 | 2,244 |
| Sunday, 28 April 13 | 9,287 | 5,691 | 556 | 3,041 |
| Sunday, 5 May 13 | 8,574 | 5,560 | 302 | 2,712 |
| Sunday, 12 May 13 | 6,625 | 4,747 | 314 | 1,564 |
| Sunday, 19 May 13 | 8,453 | 5,514 | 483 | 2,456 |
| Sunday, 26 May 13 | 8,578 | 5,981 | 414 | 2,183 |
| Sunday, 2 June 13 | 7,011 | 5,194 | 248 | 1,569 |
| Sunday, 9 June 13 | 9,107 | 6,131 | 467 | 2,510 |
| Sunday, 16 June 13 | 10,181 | 6,977 | 544 | 2,660 |
| Sunday, 23 June 13 | 13,347 | 9,115 | 687 | 3,545 |
| Sunday, 30 June 13 | 32,542 | 15,969 | 2,079 | 14,494 |
| Sunday, 7 July 13 | 2,962 | 2,412 | 121 | 428 |
| Sunday, 14 July 13 | 4,639 | 3,628 | 225 | 786 |
| Sunday, 21 July 13 | 4,945 | 3,850 | 221 | 874 |
| Sunday, 28 July 13 | 6,128 | 4,635 | 268 | 1,226 |
| Sunday, 4 August 13 | 6,442 | 4,605 | 333 | 1,505 |
| Sunday, 11 August 13 | 5,589 | 4,328 | 307 | 954 |
| Sunday, 18 August 13 | 7,201 | 5,400 | 294 | 1,507 |
| Sunday, 25 August 13 | 7,083 | 5,312 | 283 | 1,488 |
| Sunday, 1 September 13 | 6,131 | 4,402 | 222 | 1,507 |
| Sunday, 8 September 13 | 7,483 | 5,561 | 476 | 1,446 |
| Sunday, 15 September 13 | 7,364 | 5,239 | 309 | 1,817 |
| Sunday, 22 September 13 | 7,750 | 5,810 | 392 | 1,547 |
| Sunday, 29 September 13 | 8,214 | 6,142 | 333 | 1,739 |
| Sunday, 6 October 13 | 8,550 | 6,189 | 333 | 2,027 |
| Sunday, 13 October 13 | 7,740 | 6,257 | 334 | 1,149 |
| Sunday, 20 October 13 | 7,965 | 5,781 | 413 | 1,771 |
| Sunday, 27 October 13 | 8,638 | 6,193 | 571 | 1,874 |
| Sunday, 3 November 13 | 7,461 | 5,795 | 377 | 1,289 |
| Sunday, 10 November 13 | 8,277 | 6,180 | 370 | 1,727 |
| Sunday, 17 November 13 | 8,669 | 6,520 | 346 | 1,804 |
| Sunday, 24 November 13 | 8,988 | 6,762 | 364 | 1,862 |
| Sunday, 1 December 13 | 9,856 | 7,748 | 379 | 1,730 |
| Sunday, 8 December 13 | 10,564 | 7,910 | 564 | 2,091 |
| Sunday, 15 December 13 | 11,006 | 8,200 | 404 | 2,402 |
| Sunday, 22 December 13 | 12,763 | 9,513 | 786 | 2,464 |
| Sunday, 29 December 13 | 2,289 | 1,464 | 103 | 723 |
| Sunday, 5 January 14 | 1,618 | 1,210 | 177 | 231 |
| Sunday, 12 January 14 | 5,509 | 4,343 | 318 | 848 |
| Sunday, 19 January 14 | 7,393 | 5,986 | 350 | 1,058 |
| Sunday, 26 January 14 | 7,796 | 5,776 | 491 | 1,529 |
| Sunday, 2 February 14 | 7,576 | 5,715 | 367 | 1,494 |
| Sunday, 9 February 14 | 7,148 | 5,333 | 380 | 1,435 |
|  |  |  |  |  |
| 1. Detailed data based on registration date is not available prior to 23rd January 2012 since this was not being recorded.  |  |
|  The cumulative total before 29th January 2012 is partially based on Commission date and covers the period July 2009 to Jan 2012. |
| 2. These figures do not include installations from Northern Ireland. |  |  |  |
|  |  |  |  |  |

Cummulative data is here:

|  |  |
| --- | --- |
|  | **Capacity installed (cumulative kW)** |
|  |  | **Tariff bands** |
| **Week ending** | **Total** | **0-4** | **4-10** | **10-50** |
|  | 727,470 | 608,052 | 36,369 | 83,050 |
| Sunday, 29 January 12 | 738,004 | 616,830 | 36,946 | 84,227 |
| Sunday, 5 February 12 | 749,442 | 626,498 | 37,408 | 85,536 |
| Sunday, 12 February 12 | 766,590 | 641,750 | 37,893 | 86,946 |
| Sunday, 19 February 12 | 792,417 | 664,233 | 38,791 | 89,393 |
| Sunday, 26 February 12 | 845,085 | 703,906 | 41,422 | 99,757 |
| Sunday, 4 March 12 | 968,315 | 778,361 | 48,793 | 141,162 |
| Sunday, 11 March 12 | 973,529 | 782,826 | 49,063 | 141,640 |
| Sunday, 18 March 12 | 983,174 | 791,014 | 49,370 | 142,790 |
| Sunday, 25 March 12 | 997,698 | 804,325 | 49,840 | 143,533 |
| Sunday, 1 April 12 | 1,039,314 | 834,860 | 51,480 | 152,973 |
| Sunday, 8 April 12 | 1,042,936 | 837,689 | 51,695 | 153,552 |
| Sunday, 15 April 12 | 1,046,731 | 840,820 | 51,804 | 154,107 |
| Sunday, 22 April 12 | 1,052,035 | 845,164 | 52,061 | 154,810 |
| Sunday, 29 April 12 | 1,057,944 | 850,038 | 52,302 | 155,603 |
| Sunday, 6 May 12 | 1,064,669 | 855,435 | 52,496 | 156,738 |
| Sunday, 13 May 12 | 1,071,579 | 860,505 | 52,818 | 158,255 |
| Sunday, 20 May 12 | 1,080,024 | 867,747 | 53,142 | 159,136 |
| Sunday, 27 May 12 | 1,089,759 | 875,618 | 53,504 | 160,638 |
| Sunday, 3 June 12 | 1,099,641 | 883,457 | 53,822 | 162,362 |
| Sunday, 10 June 12 | 1,106,652 | 889,097 | 53,988 | 163,567 |
| Sunday, 17 June 12 | 1,118,008 | 898,407 | 54,349 | 165,252 |
| Sunday, 24 June 12 | 1,131,411 | 908,779 | 54,898 | 167,735 |
| Sunday, 1 July 12 | 1,147,183 | 920,309 | 55,548 | 171,326 |
| Sunday, 8 July 12 | 1,162,254 | 931,275 | 56,179 | 174,799 |
| Sunday, 15 July 12 | 1,180,763 | 944,453 | 56,975 | 179,334 |
| Sunday, 22 July 12 | 1,206,286 | 962,284 | 58,369 | 185,633 |
| Sunday, 29 July 12 | 1,258,852 | 993,958 | 61,698 | 203,195 |
| Sunday, 5 August 12 | 1,280,742 | 1,004,587 | 63,143 | 213,011 |
| Sunday, 12 August 12 | 1,283,448 | 1,006,558 | 63,269 | 213,621 |
| Sunday, 19 August 12 | 1,286,253 | 1,009,022 | 63,396 | 213,836 |
| Sunday, 26 August 12 | 1,289,581 | 1,011,949 | 63,552 | 214,080 |
| Sunday, 2 September 12 | 1,292,896 | 1,014,687 | 63,630 | 214,578 |
| Sunday, 9 September 12 | 1,297,190 | 1,018,336 | 63,866 | 214,988 |
| Sunday, 16 September 12 | 1,301,174 | 1,021,822 | 64,001 | 215,350 |
| Sunday, 23 September 12 | 1,305,298 | 1,025,348 | 64,169 | 215,780 |
| Sunday, 30 September 12 | 1,309,886 | 1,029,398 | 64,315 | 216,173 |
| Sunday, 7 October 12 | 1,314,279 | 1,033,223 | 64,464 | 216,593 |
| Sunday, 14 October 12 | 1,320,410 | 1,038,238 | 64,684 | 217,487 |
| Sunday, 21 October 12 | 1,327,500 | 1,044,013 | 64,924 | 218,562 |
| Sunday, 28 October 12 | 1,341,324 | 1,053,862 | 65,549 | 221,913 |
| Sunday, 4 November 12 | 1,354,447 | 1,062,567 | 66,376 | 225,504 |
| Sunday, 11 November 12 | 1,357,228 | 1,064,814 | 66,489 | 225,925 |
| Sunday, 18 November 12 | 1,361,022 | 1,068,096 | 66,619 | 226,307 |
| Sunday, 25 November 12 | 1,364,896 | 1,071,397 | 66,750 | 226,750 |
| Sunday, 2 December 12 | 1,370,303 | 1,076,062 | 66,901 | 227,340 |
| Sunday, 9 December 12 | 1,375,507 | 1,080,375 | 67,199 | 227,934 |
| Sunday, 16 December 12 | 1,381,652 | 1,085,275 | 67,477 | 228,900 |
| Sunday, 23 December 12 | 1,389,695 | 1,091,590 | 67,903 | 230,203 |
| Sunday, 30 December 12 | 1,390,559 | 1,092,350 | 67,913 | 230,296 |
| Sunday, 6 January 13 | 1,392,527 | 1,093,782 | 68,026 | 230,719 |
| Sunday, 13 January 13 | 1,397,469 | 1,097,903 | 68,164 | 231,402 |
| Sunday, 20 January 13 | 1,403,150 | 1,102,301 | 68,374 | 232,475 |
| Sunday, 27 January 13 | 1,407,986 | 1,106,114 | 68,619 | 233,254 |
| Sunday, 3 February 13 | 1,413,882 | 1,110,674 | 68,935 | 234,273 |
| Sunday, 10 February 13 | 1,419,784 | 1,115,264 | 69,208 | 235,312 |
| Sunday, 17 February 13 | 1,425,439 | 1,119,633 | 69,402 | 236,403 |
| Sunday, 24 February 13 | 1,432,055 | 1,124,319 | 69,806 | 237,929 |
| Sunday, 3 March 13 | 1,439,163 | 1,129,448 | 70,188 | 239,528 |
| Sunday, 10 March 13 | 1,445,790 | 1,134,417 | 70,511 | 240,862 |
| Sunday, 17 March 13 | 1,453,446 | 1,140,243 | 70,824 | 242,379 |
| Sunday, 24 March 13 | 1,461,060 | 1,145,825 | 71,233 | 244,002 |
| Sunday, 31 March 13 | 1,469,342 | 1,151,282 | 71,551 | 246,508 |
| Sunday, 7 April 13 | 1,476,011 | 1,156,066 | 71,880 | 248,064 |
| Sunday, 14 April 13 | 1,484,429 | 1,161,698 | 72,287 | 250,445 |
| Sunday, 21 April 13 | 1,492,451 | 1,167,137 | 72,626 | 252,689 |
| Sunday, 28 April 13 | 1,501,739 | 1,172,828 | 73,181 | 255,729 |
| Sunday, 5 May 13 | 1,510,312 | 1,178,388 | 73,484 | 258,441 |
| Sunday, 12 May 13 | 1,516,938 | 1,183,135 | 73,798 | 260,005 |
| Sunday, 19 May 13 | 1,525,391 | 1,188,650 | 74,280 | 262,461 |
| Sunday, 26 May 13 | 1,533,969 | 1,194,630 | 74,695 | 264,644 |
| Sunday, 2 June 13 | 1,540,980 | 1,199,824 | 74,943 | 266,213 |
| Sunday, 9 June 13 | 1,550,087 | 1,205,955 | 75,409 | 268,722 |
| Sunday, 16 June 13 | 1,560,268 | 1,212,932 | 75,954 | 271,382 |
| Sunday, 23 June 13 | 1,573,614 | 1,222,047 | 76,641 | 274,927 |
| Sunday, 30 June 13 | 1,606,156 | 1,238,015 | 78,720 | 289,421 |
| Sunday, 7 July 13 | 1,609,118 | 1,240,427 | 78,841 | 289,849 |
| Sunday, 14 July 13 | 1,613,757 | 1,244,056 | 79,066 | 290,635 |
| Sunday, 21 July 13 | 1,618,703 | 1,247,906 | 79,287 | 291,510 |
| Sunday, 28 July 13 | 1,624,831 | 1,252,540 | 79,555 | 292,736 |
| Sunday, 4 August 13 | 1,631,273 | 1,257,145 | 79,887 | 294,241 |
| Sunday, 11 August 13 | 1,636,862 | 1,261,473 | 80,194 | 295,195 |
| Sunday, 18 August 13 | 1,644,063 | 1,266,873 | 80,488 | 296,702 |
| Sunday, 25 August 13 | 1,651,146 | 1,272,185 | 80,771 | 298,190 |
| Sunday, 1 September 13 | 1,657,277 | 1,276,587 | 80,992 | 299,698 |
| Sunday, 8 September 13 | 1,664,760 | 1,282,148 | 81,468 | 301,143 |
| Sunday, 15 September 13 | 1,672,124 | 1,287,387 | 81,777 | 302,960 |
| Sunday, 22 September 13 | 1,679,874 | 1,293,197 | 82,169 | 304,508 |
| Sunday, 29 September 13 | 1,688,088 | 1,299,338 | 82,502 | 306,247 |
| Sunday, 6 October 13 | 1,696,638 | 1,305,528 | 82,835 | 308,274 |
| Sunday, 13 October 13 | 1,704,378 | 1,311,785 | 83,169 | 309,424 |
| Sunday, 20 October 13 | 1,712,342 | 1,317,566 | 83,582 | 311,195 |
| Sunday, 27 October 13 | 1,720,980 | 1,323,759 | 84,152 | 313,069 |
| Sunday, 3 November 13 | 1,728,442 | 1,329,554 | 84,530 | 314,358 |
| Sunday, 10 November 13 | 1,736,719 | 1,335,734 | 84,900 | 316,084 |
| Sunday, 17 November 13 | 1,745,388 | 1,342,254 | 85,246 | 317,888 |
| Sunday, 24 November 13 | 1,754,376 | 1,349,016 | 85,610 | 319,750 |
| Sunday, 1 December 13 | 1,764,232 | 1,356,763 | 85,989 | 321,480 |
| Sunday, 8 December 13 | 1,774,796 | 1,364,673 | 86,553 | 323,570 |
| Sunday, 15 December 13 | 1,785,802 | 1,372,873 | 86,958 | 325,972 |
| Sunday, 22 December 13 | 1,798,565 | 1,382,386 | 87,743 | 328,436 |
| Sunday, 29 December 13 | 1,800,855 | 1,383,850 | 87,847 | 329,158 |
| Sunday, 5 January 14 | 1,802,473 | 1,385,060 | 88,024 | 329,389 |
| Sunday, 12 January 14 | 1,807,982 | 1,389,403 | 88,342 | 330,237 |
| Sunday, 19 January 14 | 1,815,376 | 1,395,389 | 88,691 | 331,296 |
| Sunday, 26 January 14 | 1,823,172 | 1,401,165 | 89,182 | 332,825 |
| Sunday, 2 February 14 | 1,830,747 | 1,406,880 | 89,549 | 334,319 |
| Sunday, 9 February 14 | 1,837,895 | 1,412,213 | 89,929 | 335,754 |
|  |  |  |  |  |
| 1. Detailed data based on registration date is not available prior to 23rd January 2012 since this was not being recorded.  |  |
|  The cumulative total before 29th January 2012 is partially based on Commission date and covers the period July 2009 to Jan 2012. |
| 2. These figures do not include installations from Northern Ireland. |  |  |  |
|  |  |  |  |  |

Participants have to register with MCS, Microgeneration Certification Scheme or get approved to be able to install and connect to the grid.

More details can be obtained here:

<http://www.microgenerationcertification.org>

1. **Renewable Obligation Certificates**

For larger Solar PV installations the ROCs are more appropriate. The RO for ground-mounted PV at a higher rate than initially envisaged in the consultation - 1.6/MW.

The banding for the new rooftop RO will be set at a higher rate than the ground-mounted PV RO category and is designed to stimulate investment in solar systems on large factory or warehouse buildings.

It will start at 1.7/MWh and fall incrementally by 0.1.MWh each year until 2017, when ROCs will be replaced with the contracts for difference outlined in the Energy Bill.

15. For the building-mounted solar PV band, the Government has decided to set the following support levels for new accreditations and for additional capacity during the banding review period (April 2013 to March 2017).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Building-mounted solar PV**  | **2013/14**  | **2014/15**  | **2015/16**  | **2016/17**  |
| **ROCs/MWh**  | 1.7  | 1.6  | 1.5  | 1.4  |

16. For the ground-mounted solar PV band, the Government has decided to set the following support levels for new accreditations and additional capacity during the banding review period (April 2013 to March 2017).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Ground-mounted solar PV**  | **2013/14**  | **2014/15**  | **2015/16**  | **2016/17**  |
| **ROCs/MWh**  | 1.6  | 1.4  | 1.3  | 1.2  |

More from here:

<https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/66516/7328-renewables-obligation-banding-review-for-the-perio.pdf>

All participants have to be registered by MCS,

1. **Smart Meter roll-out**

OFGEM is involved with this programme, but DECC is directly responsible.

Rolling out 53 million gas and electricity meters to all homes and small businesses in Great Britain by the end of 2020 requires careful planning and management. Most households will have smart meters installed by their energy company between 2015 and 2020. To deliver this the government established a central change programme and asked Ofgem to manage the [first phase](http://webarchive.nationalarchives.gov.uk/20130304015748/http%3A//www.ofgem.gov.uk/Markets/sm/metering/sm/Pages/ttsm.aspx), which was completed in March 2011.

Since April 2011, the [Department for Energy and Climate Change (DECC)](https://www.gov.uk/smart-meters-how-they-work) has been directly responsible for managing the implementation of the smart meter programme. Ofgem has been providing DECC with independent regulatory advice and expertise. It has also taken on additional regulatory functions to support smart metering and will continue to take on new functions, including regulation of the new Data and Communications Company (DCC).

When DECC granted the DCC licence, stage 1 of the Smart Energy Code (SEC) also came into force. The SEC is a new industry code and sets out the terms for the provision of the DCC’s services and specifies other provisions to govern the end-to-end management of smart metering.

In April 2013 Ofgem approved the final [Smart Metering Installation Code of Practice](https://www.ofgem.gov.uk/ofgem-publications/57321/smartmeteringinstallationcodeofpracticev1-00.pdf). This Code of Practice  will be an important consumer protection measure during the rollout of smart meters, setting out rules and standards of conduct for suppliers installing smart meters.

Our [Smarter Markets Programme](https://www.ofgem.gov.uk/electricity/retail-market/market-review-and-reform/smarter-markets-programme) aims to proactively implement changes in this market.

The technical communication standards required are specified in SMETS 1. It is not clear yet whether SMETS 1 or SMETS 2 meters will be required and mandated.

The suppliers of smart meters have formed IDIS, an open platform association to ensure data inter-exchangeability.

This document is a quick guide and offers some of the more useful links.

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