

# Smart Meter Statistics in Great Britain: Quarterly Report to end March 2024

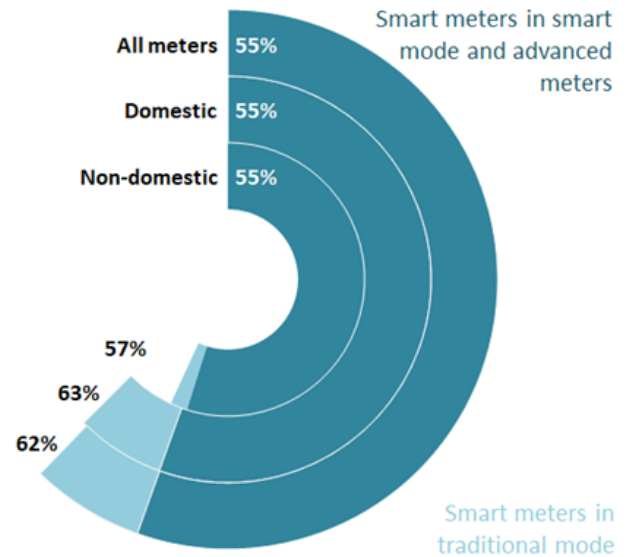
30 May 2024

Official Statistics

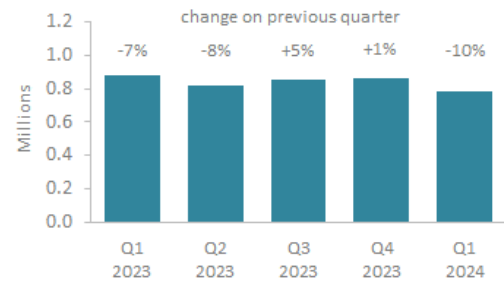
This report includes an update from all large energy suppliers in the energy market in Great Britain at the end of Q1 2024, with data from small suppliers up to end 2023

At the end of March 2024, **35.5 million** smart and advanced meters were in homes and small businesses across Great Britain; **sixty-two per cent** of all meters are now smart or advanced meters

During Q1 2024, a total of **780,800** smart and advanced meters were installed by large energy suppliers across Great Britain; a 10% decrease on the previous quarter and an 11% decrease on the same quarter in 2023



Quarterly smart and advanced meter installations by large energy suppliers



## What you need to know about these statistics:

This quarterly release includes information on the number of smart meters installed in domestic properties and smaller non-domestic sites by large energy suppliers in the first quarter of 2024, as well as the total number of meters operating on 31 March 2024. The report also includes annual information for small suppliers to the end of 2023.

# Contents

|   |    |
|---|----|
| Introduction  | 3  |
| Meters in operation   | 4  |
| Operational meters in domestic properties                     | 4  |
| Domestic electricity smart meters coverage by local authority | 6  |
| Operational meters in smaller non-domestic sites              | 7  |
| Meters installed  | 8  |
| Meters installed in domestic properties                       | 8  |
| Meters installed in smaller non-domestic properties           | 9  |
| Accompanying tables   | 10 |
| Technical information   | 11 |
| Energy Suppliers included in this report                      | 12 |
| Domestic electricity smart meters coverage by local authority | 13 |
| Definitions   | 14 |
| Further information   | 15 |
| Future updates to these statistics                            | 15 |
| Related statistics  | 15 |
| Revisions policy  | 15 |
| Uses of these statistics                                      | 16 |
| User engagement   | 16 |
| Pre-release access to statistics                              | 16 |
| Contact   | 16 |

## Introduction

This quarterly release presents statistics on the roll-out of smart meters in Great Britain. It reports the number of smart meters installed in domestic properties and smaller non-domestic sites during the first quarter of 2024 by large energy suppliers, as well as the total number of meters they operated on 31 March 2024. This release also includes small suppliers' installation activity during 2023 and meters operated at the end of 2023. In addition, an update on smart meter roll-out progress at Local Authority level across Great Britain has also been provided; first published in the Q1 2023 release. Aggregate data reported by energy suppliers continues to be used as the primary source to inform the progress of smart meter installation across Great Britain; however, the geographic data from an alternative source complements this by showing relative coverage of smart electricity meters at local authority level annually within the Q1 reports.

The replacement of traditional gas and electricity meters with smart meters is an essential national infrastructure upgrade for Great Britain that will help make our energy system cheaper, cleaner and more reliable. Smart meters are the next generation of gas and electricity meters and offer a range of intelligent functions. For example, they can tell customers how much energy they are using in pounds and pence through an In-Home Display (IHD). This information helps customers manage their energy use, save money and reduce emissions. Smart meters communicate automatically with energy suppliers, which avoids manual meter reads and provides customers with accurate bills. Smart meters also support the transition to a low-carbon energy system by unlocking new approaches to managing demand. Products such as smart 'time of use' tariffs incentivise consumers to save money by using energy away from peak times and enable technologies such as electric vehicles and smart appliances to be cost-effectively integrated with renewable energy sources.

The successful delivery of smart metering benefits depends upon coordinated effort from a wide range of organisations. The Smart Metering Implementation Programme is led by the Department for Energy Security & Net Zero, regulated by the Office of Gas and Electricity Markets (Ofgem), and delivered by energy suppliers.

In 2012, ahead of the national smart metering communications infrastructure being in place, the Government defined a standard, known as SMETS1 (Smart Metering Equipment Technical Specification version 1), to ensure minimum common functionality and to stop the variability in the smart-type meters which some energy suppliers were already installing at that time. This was important to ensure a consistent consumer experience and for these meters to be later enrolled into the communications network and made interoperable between all energy suppliers.

The majority of SMETS1 meters have moved onto the national communications network, run by the Data Communications Company (DCC), so that consumers regain and keep smart services if they switch supplier. Meters are being enrolled remotely, without consumers needing to take any action, and priority is being given to those which have temporarily lost smart functionality (these meters are referred to as "operating in traditional mode"). SMETS2 (Smart Metering Equipment Technical Specification version 2) meters are connected to the DCC's network from the point of installation, so are already compatible between energy suppliers.

The next quarterly release is planned for publication on 29 August 2024.

# Meters in operation

In the data tables accompanying this publication, Table 1 shows domestic meters operated by large suppliers, Table 3 shows non-domestic meters operated by large suppliers, Table 5 shows annual data on meters in operation, for both large and small suppliers. All tables also show the split by fuel and meter type. Table 7 shows the proportion of domestic electricity smart meter coverage at local authority level.

At the end of March 2024, there were 35.5 million smart and advanced meters in Great Britain in homes and small businesses<sup>1</sup>. Of these, 31.6 million were smart meters operating in smart mode or advanced meters. This now means that 55% of all meters were smart in smart mode or advanced meters, with a further 7% being smart meters operating in traditional mode.<sup>2</sup> In total 62% of meters operating were smart or advanced meters. Table 1 summarises how the total smart meters in operation at the end of Q1 2024 is split across domestic and non-domestic sectors and large and small suppliers. For a full breakdown including by fuel type, see Table 5 in the accompanying tables to this report.

**Table 1: 35.5 million smart and advanced meters were operating at end of March 2024**  
Great Britain, to end Q1 2024

|   |                     | Large Suppliers<br>(end Q1 2024) | Small Suppliers | Total <sup>2</sup> |
|---|---------------------|----------------------------------|-----------------|--------------------|
| <b>Smart (smart mode)<br/>and advanced meters</b> | Domestic meters     | 29,630,000                       | 248,000         | <b>31,626,000</b>  |
|   | Non-domestic meters | 1,161,000                        | 587,000         |                    |
| <b>Smart (traditional<br/>mode)</b>               | Domestic meters     | 3,741,000                        | 53,000          | <b>3,857,000</b>   |
|   | Non-domestic meters | 41,000                           | 22,000          |                    |
| <b>Total</b>                                      |                     | <b>34,573,000</b>                | <b>910,000</b>  | <b>35,483,000</b>  |

Source: Energy Suppliers reporting to Department for Energy Security & Net Zero.

Smart meters can temporarily operate in traditional mode for several reasons including:

- customers switching to suppliers currently unable to operate the meter in smart mode,
- meters being unable to communicate via the wide area network at the point of reporting,
- installed meters yet to be commissioned (e.g., in new build premises).

## Operational meters in domestic properties

As of 31 March 2024, there were a total of 24.1 million gas meters and 29.2 million electricity meters operated by large energy suppliers in domestic properties across Great Britain. Figure 1 shows detail on the breakdown of all large supplier-operated meters by different meter and fuel types.

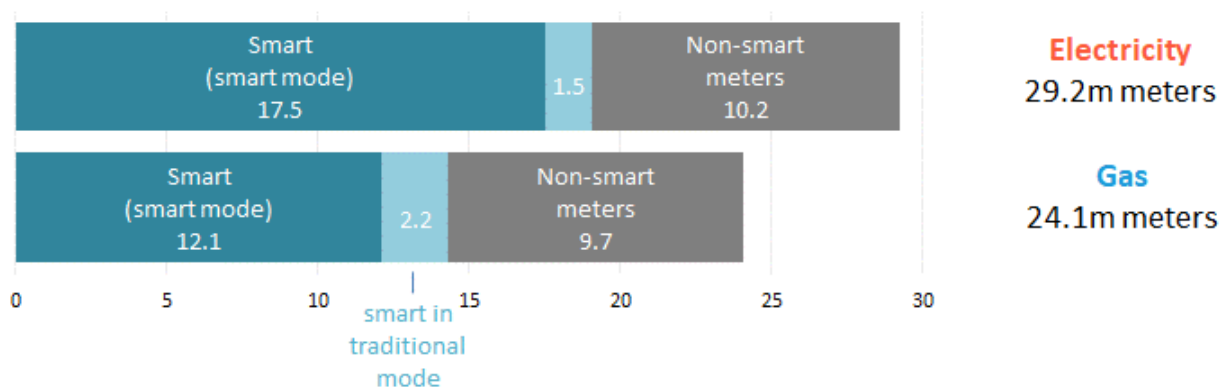
<sup>1</sup> See [Technical Information](#) section for information on how data for energy suppliers is collated.

<sup>2</sup> Note, statistics presented are independently rounded. This means the sum of their components may differ from the totals.

**Figure 1: Sixty-three per cent of domestic meters were smart meters**

Great Britain, domestic meters operated by large energy suppliers

End Q1 2024, millions



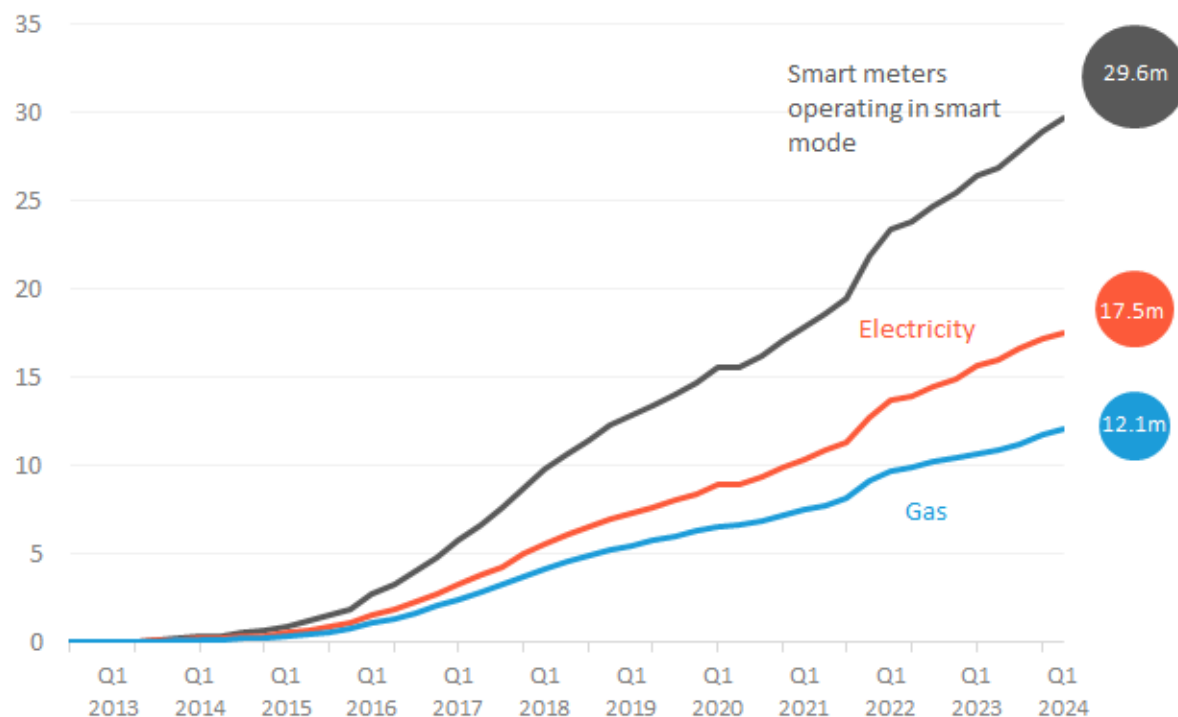
Source: Energy Suppliers reporting to Department for Energy Security & Net Zero.

At the end of March 2024, 56% of all domestic meters operated by large energy suppliers were smart in smart mode (50% for gas and 60% for electricity). When including smart meters in traditional mode, this rises to 59% for gas, 65% for electricity and 63% overall. The number of smart meters operating in smart mode increased from the previous quarter by 2.5%, as shown in Figure 2. The latest figures show that 29.6 million domestic smart meters in smart mode are operated by large suppliers, 59% of which are electricity meters and this is consistent across the time series.

**Figure 2: Domestic smart meters operating in smart mode increased to 29.6 million at the end of March 2024**

Great Britain, domestic smart meters operated in smart mode by large energy suppliers

end Q3 2012 to Q1 2024, millions



Source: Energy Suppliers reporting to Department for Energy Security & Net Zero.

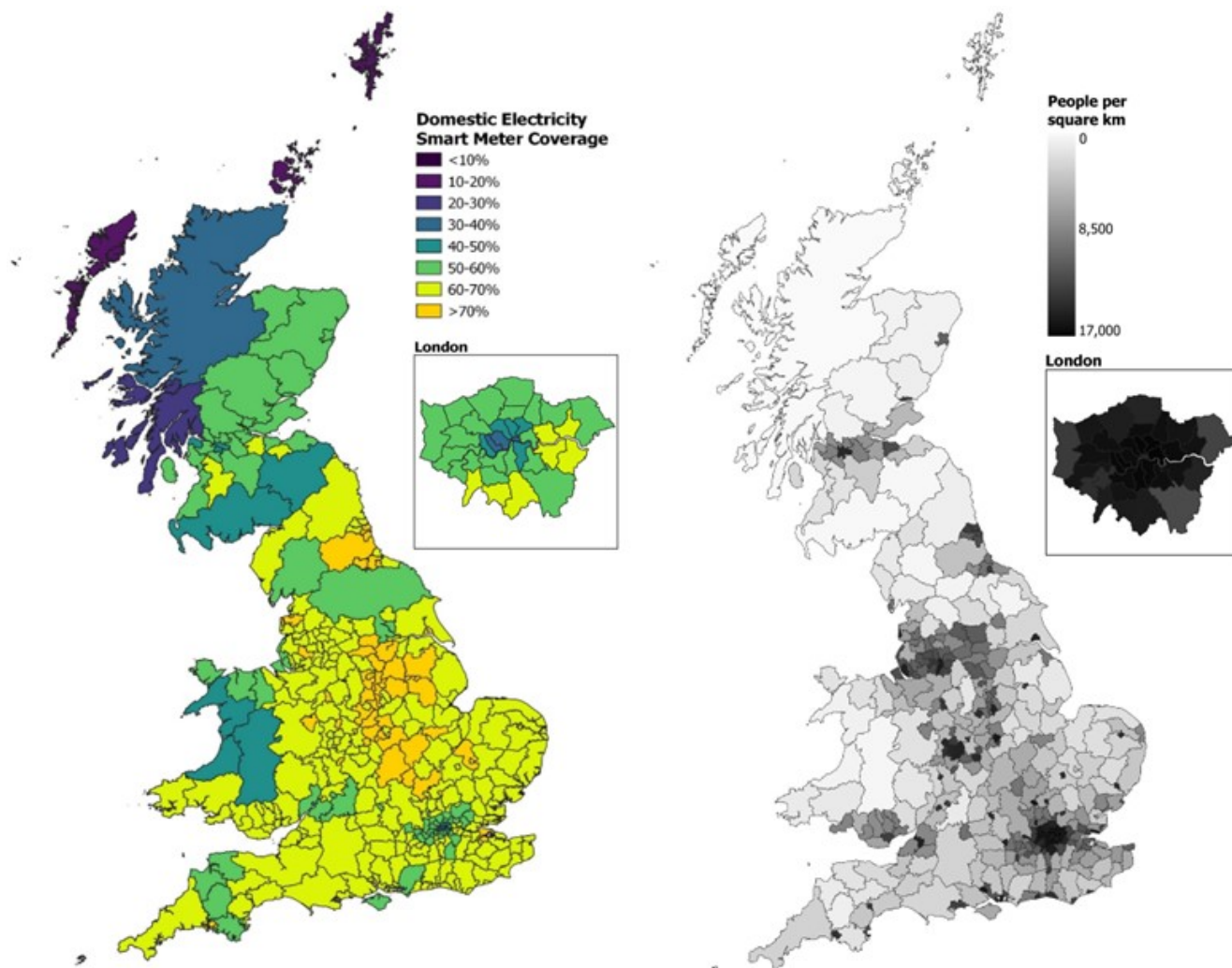
At the end of 2023, small energy suppliers operated 552,300 domestic meters (1% per cent of all domestic meters), of which 247,900 smart meters were operating in smart mode, with a further 52,500 in traditional mode. Collectively across all energy suppliers, there were 33.7

million domestic smart meters (including those in smart or traditional mode) in Great Britain at the end of Q1 2024; 63% of all domestic meters.

## Domestic electricity smart meter coverage by local authority

Map 1 shows domestic electricity smart meter coverage within each local authority (coloured map). This is the proportion of all domestic electricity meters in each local authority that are smart meters (including those operating in smart or traditional mode). Meters are not equally distributed between local authorities, therefore, a [population density](#) (proxying meter density) map has been included for context (greyscale map). The smart meter data shown in the map is also available in Table 7 of the [Accompanying Tables](#); a gas equivalent map or table is not available at this time. Data for Q1 2023 and Q1 2024 are broadly comparable, however users should note that, in addition to roll-out progress, differences may result from boundary changes, refinements made to processes for identifying and allocating meters and improvements in the source data.

**Map 1: The percentage of domestic electricity smart meters by local authority (end Q1 2024) and 2022 mid-year population density**



Source: ElectraLink EMPRIS and published statistics by Department for Energy Security & Net Zero, and the Office for National Statistics.

Local authority level estimates of domestic electric smart meter coverage are produced using an alternative data source (ElectraLink EMPRIS) to the headline statistics in this report (which use data provided by energy suppliers). Overall, these provide broadly consistent estimates of domestic electricity smart meter deployment. However, these local authority estimates are

likely to underestimate the smart meter rollout progress, mostly due to the exclusion of ElectraLink EMPRIS records with missing information (required to identify records as domestic and allocate them to a local authority). For the whole of Great Britain this methodology estimates coverage of 63% compared to 65% from the supplier returns, for domestic electricity smart meters. Additional information on the differences between the two sources can be found in the [Technical Information](#).

Domestic electricity smart meter coverage is over 60% in three quarters of local authorities and between 70% and 80% in 15% of local authorities. The six local authorities with the highest coverage are Bolsover, Chesterfield, County Durham, Rotherham, North Kesteven and Mansfield, all with 74% or more of their domestic electricity meters being smart meters.

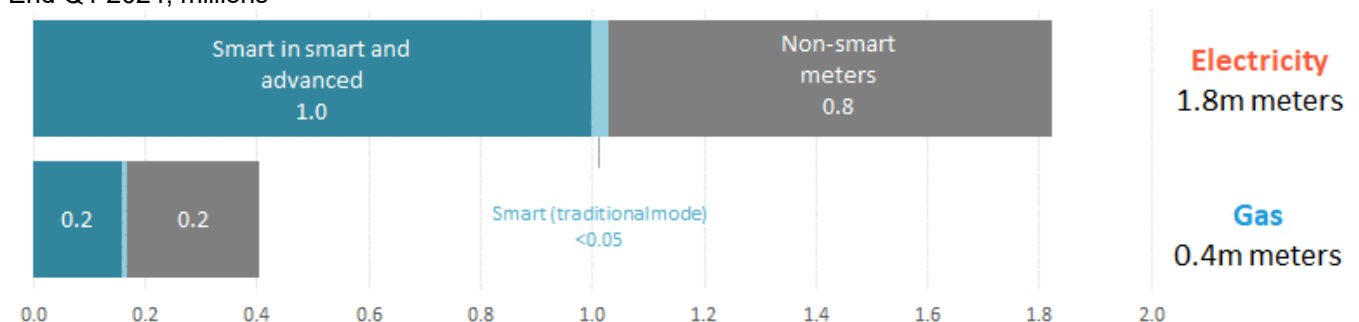
There are just nine local authorities where under 40% of domestic electricity meters are smart meters. For five local authorities' coverage is between 20% and 40%, these areas are concentrated in northern Scotland and inner London, where installations may prove more difficult due to operational reasons. These local authorities contain 1.4% of electricity meters. There are four areas where the proportion of smart meters is below 20%. All are island groups: the Isles of Scilly, Na h-Eileanan Siar, the Orkney Islands and the Shetland Islands. These local authorities contain 0.2% of electricity meters.

## Operational meters in smaller non-domestic sites

At the end of March 2024, there were 1.2 million smart meters operating in smart mode or advanced meters representing 52% of all non-domestic meters in operation by large suppliers (Figure 3). This is a decrease on the equivalent figure at end December 2023 (1.3 million), partly due to non-domestic customers switching to small suppliers, and partly as a result of changes in the group of suppliers classified as large (see Table 3, [Technical information](#)). A greater proportion of electricity meters are operating in smart mode or are advanced meters compared to gas meters (54% versus 39%). When including smart meters in traditional mode, these percentages are relatively unchanged since few non-domestic meters are smart meters in traditional mode (electricity 56%, gas 42% and overall, 54%).

**Figure 3: Over half of all non-domestic meters are smart meters operating in smart mode or advanced meters**

Great Britain, non-domestic meters operated by large energy suppliers  
End Q1 2024, millions



Source: Energy Suppliers reporting to Department for Energy Security & Net Zero.

At the end of 2023, small energy suppliers operated 933,000 non-domestic meters (30% of all non-domestic meters), of which 587,100 were smart meters operating in smart mode and advanced meters. An additional 22,400 were smart meters operating in traditional mode. Collectively, across both large and small energy suppliers, at the end of Q1 2024 there were 1.8 million smart and advanced meters across small non-domestic sites in Great Britain; 57% of all meters in smaller non-domestic sites.

# Meters installed

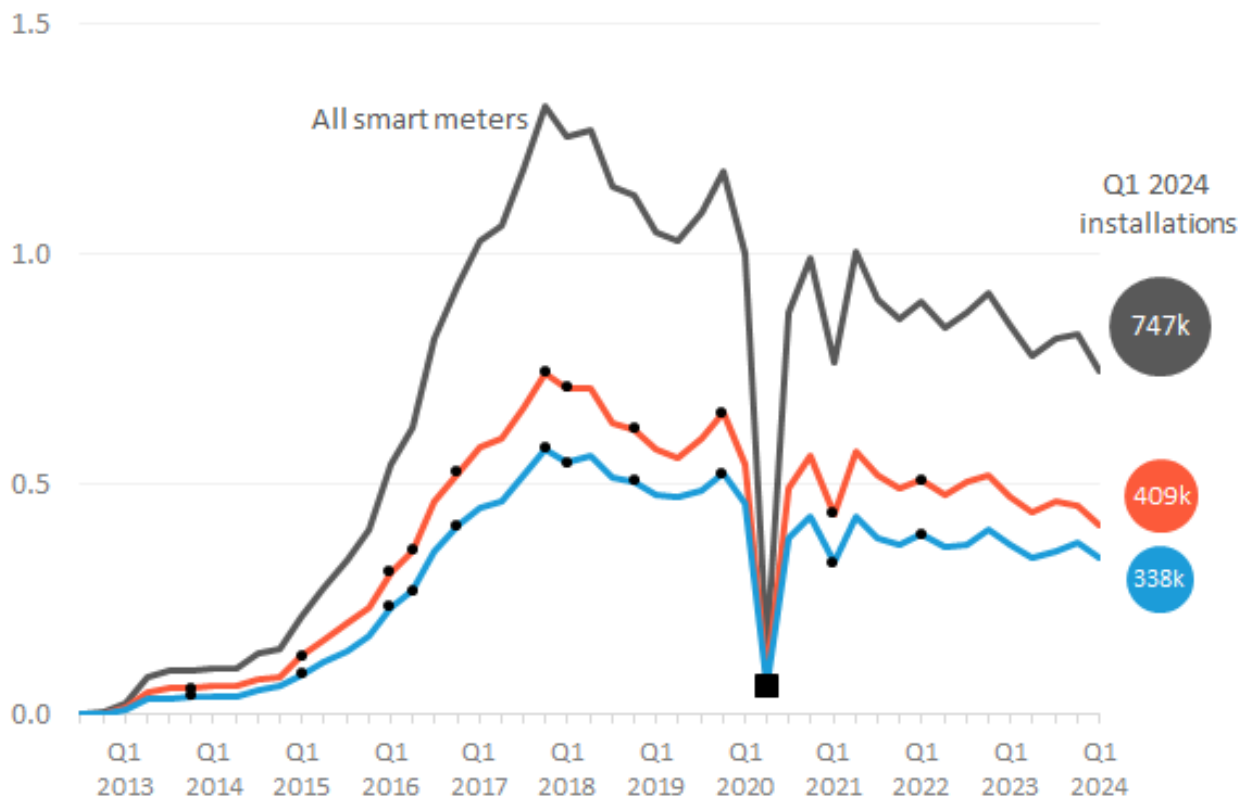
In the data tables accompanying this publication, Table 2 shows a quarterly breakdown of domestic meters installed by large suppliers, Table 4 shows the non-domestic installations by large suppliers and Table 6 gives the annual installation data for both large and small suppliers. All tables show the split by fuel and meter type.

## Meters installed in domestic properties

Quarterly installation activity by large energy suppliers over the course of the smart meter rollout is shown in Figure 4. During Q1 2024, 747,300 smart meters were installed by large energy suppliers representing a 9% decrease on the previous quarter; gas installations decreased slightly more than electricity installations (10% versus 9%). Installations during Q1 2024 were also lower compared to Q1 2023 (11%).

**Figure 4: Domestic smart meters installed by large energy suppliers decreased by nine per cent on Q4 2023**

Great Britain, domestic meters installed by large energy suppliers  
Q3 2012 to Q1 2024, millions



- Marks inclusion of additional large suppliers to the series
- COVID-19 guidance first introduced on 23<sup>rd</sup> March 2020 leading to energy suppliers focussing on emergency metering work only. Restrictions thereafter varied over time and country within Great Britain

Source: Energy Suppliers reporting to Department for Energy Security & Net Zero.

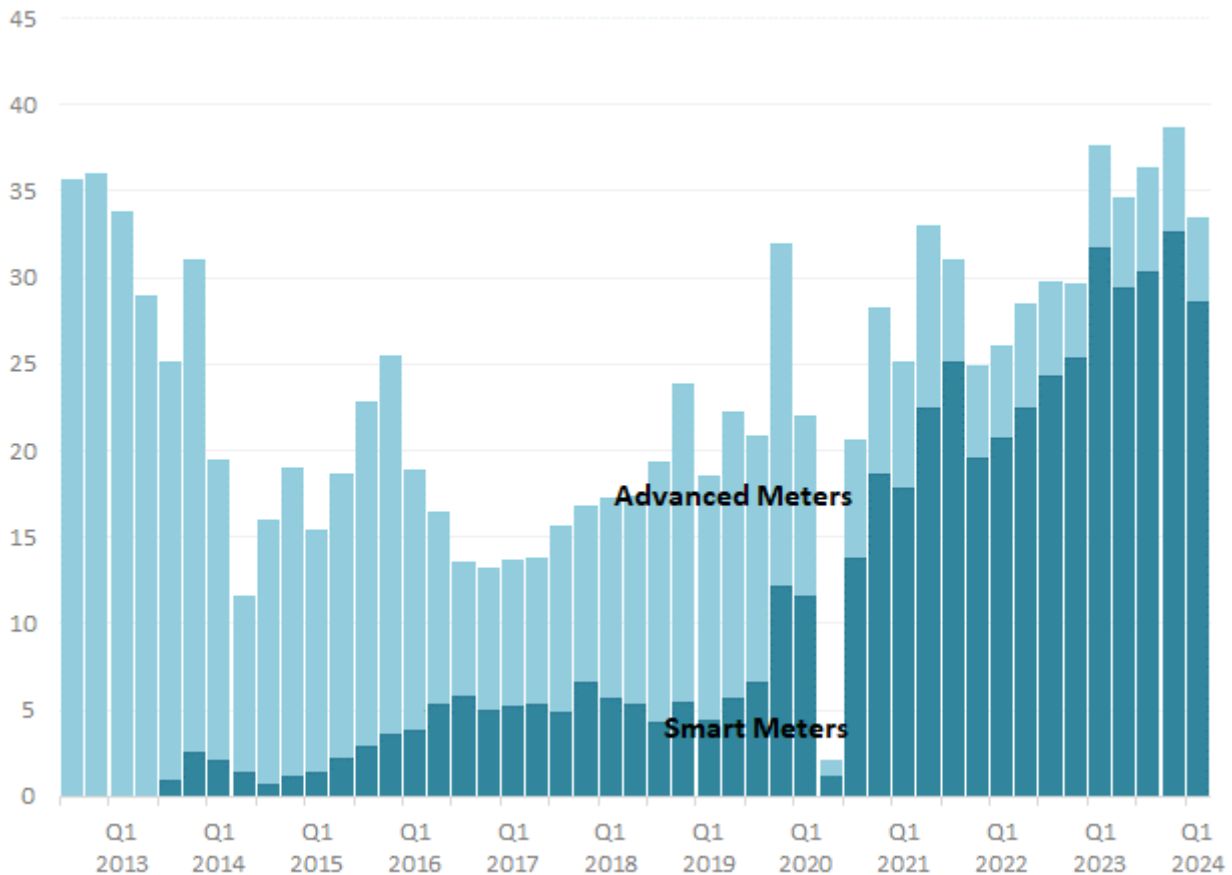


## Meters installed in smaller non-domestic properties

Quarterly installation activity by large energy suppliers in non-domestic sites is shown in Figure 5. In Q1 2024, there were 33,500 smart and advanced meters installed in smaller non-domestic sites by large energy suppliers; a 13% decrease on Q4 2023; the proportion of smart meter (rather than advanced meter) installations remained high and stable at 86% in Q1.

**Figure 5: More than eight in ten smart/advanced meters installed at non-domestic sites were smart meters**

Great Britain, non-domestic meters installed by large suppliers  
Q3 2012 to Q1 2024, thousands



Source: Energy Suppliers reporting to Department for Energy Security & Net Zero.

## Accompanying tables

The following tables are available in two formats<sup>3</sup> on the department's statistics website <https://www.gov.uk/government/collections/smart-meters-statistics>:

### Quarterly – Large Supplier Data

- 1 Number of domestic meters operated by large energy suppliers at end of each quarter, by fuel and meter type.
- 2 Number of domestic smart meters installed by large energy suppliers during each quarter, by fuel type.
- 3 Number of non-domestic meters operated by large energy suppliers at end of each quarter, by fuel and meter type.
- 4 Number of non-domestic smart and advanced meters installed by large energy suppliers during each quarter, by fuel type.

### Annual – Large and Small Supplier Data

- 5 Number of meters operated by large and small energy suppliers at end year point, by fuel and meter type.
- 6 Number of smart and advanced meters installed by large and small energy suppliers each year, by fuel type.

### Local Authority data

- 7 Proportion of domestic electricity smart meters operated by all energy suppliers by local authority

---

<sup>3</sup> Excel (.xlsx) and Open Document Spreadsheet (.ods)

## Technical information

The first statistical report on the Smart Meter roll-out was published in Q2 2013 for large energy suppliers. Subsequent reports are published on a quarterly basis. Annual small supplier data was published alongside large supplier data for the first time for Q4 2015<sup>4</sup>. The data is received by Department for Energy Security & Net Zero one month after the end of each reporting period. It undergoes quality assurance before being combined to provide an industry-level estimate, protecting commercial sensitivity. The data used in this report includes the number of meters installed in each period, while the number of meters in operation is calculated at the end point.

In addition to receiving the latest reporting data from energy suppliers, we continuously work with them to improve the quality of our statistics. Sometimes, for example, after a change in their reporting or management systems, energy suppliers may update past information when it comes to light that previously supplied information was not correct.

Energy supplier data is cross-checked against external administrative data sources such as ElectraLink, DCC and Xoserve. In previous years these data sources have also been used for estimating installation activity and meters in operation for suppliers who have exited the market. A recent example of this was during 2021, when 23 small energy suppliers exited the market between August and December 2021.

**Table 3: Suppliers transitioning to large supplier classification<sup>5</sup>**

| Supplier   | Added   | Removed | Detailed information (where applicable)                  |
|--|---------|---------|--|
| Utility Warehouse                                | Q4 2013 |         |  |
| Shell Energy Retail                              | Q1 2015 |         | Previously known as First Utility                        |
| OVO  | Q1 2015 |         |  |
| Utilita  | Q1 2016 |         |  |
| Extra Energy                                     | Q2 2016 | Q4 2017 | Transitioned to small supplier classification            |
| Co-operative Energy                              | Q4 2016 | Q4 2019 | Bought by Octopus Energy in 2019                         |
| Economy Energy                                   | Q4 2017 | Q1 2019 | Ceased trading, customers transitioned to OVO Energy     |
| Just Energy<br>(previously Hudson<br>Green Star) | Q4 2017 | Q4 2020 | Domestic business bought by Shell Energy Retail Q4 2020. |
| Bulb   | Q1 2018 | Q2 2023 | Ceased trading, customers transitioned to Octopus Energy |
| Octopus Energy                                   | Q4 2018 |         |  |
| Avro Energy                                      | Q4 2019 | Q3 2021 | Ceased trading, customers transitioned to Octopus Energy |
| Green Network Energy                             | Q4 2019 | Q1 2021 | Ceased trading, customers transitioned to EDF            |
| Opus Energy                                      | Q4 2019 | Q1 2024 | Transitioned to small supplier classification            |
| People's Energy                                  | Q4 2020 | Q3 2021 | Ceased trading, customers transitioned to British Gas    |
| nPower   |         | Q4 2020 | Combined reporting with E.ON, following merger in 2019   |
| E  | Q4 2021 |         |  |
| So Energy  | Q4 2021 |         | Includes ESB   |

<sup>4</sup> Prior to this, data received from many of the small suppliers did not meet the quality standards required for publication.

<sup>5</sup> In addition to market exits, definition changes to the large supplier classification were made in the Smart Meters Targets Framework at the beginning of 2022 (see [Definitions](#)). This meant E. and So Energy transitioned into large energy suppliers.

As part of the methodology for these statistics, energy suppliers who have transitioned to large supplier classification will have their meters in operation moved into the large supplier statistics in the Q4 release. To avoid disclosing individual supplier information, their installation activity is then reported in the following quarter's release (Q1).

Before Q1 2016, meters installed under the mandate by energy suppliers before they transitioned to large suppliers were included within the historic installation estimates for large suppliers. This ensured that reported totals installed to date by large energy suppliers were as accurate as possible. Following the introduction of small supplier statistics in Q4 2015, this was no longer needed. Historic installation totals for transitioning suppliers remain in the small supplier totals reported on at the end of the previous calendar year.

Following quality assurance checks, the operating mode (traditional versus smart mode) has been imputed for a small subset of energy suppliers based on previous submissions and alternative industry data. We will continue working with these suppliers to further improve data quality for the Q2 2024 publication.

## Energy Suppliers included in this report

### 12 Large Energy Suppliers:

|                |                     |                      |
|----------------|---------------------|----------------------|
| British Gas    | OVO                 | SSE Energy Solutions |
| E              | Scottish Power      | Utilita              |
| E.ON Next      | Shell Energy Retail | Utility Warehouse    |
| EDF Energy     | So Energy           |                      |
| Octopus Energy |                     |                      |

### 42 Small Energy suppliers at the end of 2023:

|                                 |                                   |                               |
|---------------------------------|-----------------------------------|-------------------------------|
| BES Utilities                   | Outfox the Market (previously     | SmartestEnergy                |
| BPG Energy                      | Foxglove Energy)                  | SmartestEnergy Business       |
| Brook Green Supply              | Fuse Energy                       | Square1 Energy                |
| Bryt Energy                     | Good Energy                       | Squeaky Clean Energy          |
| Corona Energy                   | 100Green (previously Green Energy | Switch Business Gas and Power |
| Crown Gas & Power               | Limited)                          | Tomato Energy Limited         |
| D-ENERGi                        | Home Energy                       | TotalEnergies Gas and Power   |
| Delta Gas & Power               | Marble Power                      | Tru Energy                    |
| Dodo Energy                     | Maxen Power                       | UK Gas Supply                 |
| Drax Energy Solutions Limited   | National Gas                      | Unify Energy                  |
| Dyce Energy                     | Pozitive Energy                   | United Gas & Power            |
| Ecotricity                      | Rebel Energy                      | Valda Energy                  |
| ENGIE                           | Regent Gas                        | Verastar                      |
| Farringdon (previously Champion | SEFE Energy (previously Gazprom)  | Yorkshire Gas & Power         |
| Energy)                         | Shell Energy Business UK          | Yü Energy                     |

## Domestic electricity smart meters coverage by local authority

This report includes for the second time an estimate of the smart meter roll-out by local authority, drawing on information from the ElectraLink EMPRIS system, which until now has only been used to quality assure this publication. ElectraLink EMPRIS is a commercial data source based on information exchanged between Distribution Network Operators. It has a live operational data base of all meter points in Great Britain <https://www.electralink.co.uk/empris/>. This database is continually updated with information from suppliers transmitted over the Data Transfer Service, some of which may occasionally be backdated.

Local authority level smart meter coverage is calculated as the number of domestic smart electricity meters (from ElectraLink EMPRIS) divided by the total number of domestic electricity meters taken from the Department's [sub-national electricity consumption statistics](#) as of end 2022 (the most recent and comprehensive data capturing all domestic meters available). ElectraLink EMPRIS does not differentiate between meters operating in smart and traditional mode, and therefore the extract used to produce these statistics capture all smart meters operating on 31 March 2024 (aligning with the official statistics reporting period). Due to boundary changes, and refinements made to processes for identifying and allocating meters, these figures should not be compared directly to those published for Q1 2023.

While overall, the local authority level coverage statistics provide a broadly consistent estimate of overall domestic electricity smart meter deployment with the headline statistics based on energy supplier data in this report, there are some differences between the two data sources, with the local authority estimates being a modest underestimate.

Smart meters recorded in ElectraLink EMPRIS have been excluded where their profile class was missing or indicated they were not in scope of the domestic roll-out. Meters with missing geographic information could not be allocated to a local authority and were also excluded (including from the GB total). These exclusions drive most of the differences with the supplier provided data, with the local authority level data slightly underestimating coverage (63% compared to 65% for the whole of Great Britain).

# Definitions

|   |   |
|---|---|
| <b>Advanced meters</b>                            | Advanced meters must, at minimum, be able to store half-hourly electricity and hourly gas data, to which the non-domestic customer has timely access and the supplier has remote access.  |
| <b>DCC</b>  | Data Communications Company (DCC) - the holder of the Smart Meter communication licence, Smart DCC Ltd. The DCC Licence was awarded under section 7AB of the Gas Act 1986, and section 5 of the Electricity Act, each allowing Smart DCC Ltd to undertake the activity of providing a Smart Meter communication service.  |
| <b>Domestic properties</b>                        | Properties where the customer is supplied with electricity or gas, wholly or mainly for domestic purposes   |
| <b>IHD</b>  | In-Home Display (IHD) - an electronic device paired to the Smart Metering System, which provides near real-time information on a consumer's energy consumption  |
| <b>Large energy suppliers</b>                     | <p><u>From 2022</u><br/>Supply gas and/or electricity to at least 150,000 metering points irrespective of domestic/non-domestic market</p> <p><u>Pre-2022</u><br/>Supplying either gas or electricity to at least 250,000 metering points. An energy supplier need only supply 250,000 domestic or non-domestic customers a single fuel to be classed as a large energy supplier (e.g. an energy supplier supplying gas to 250,000 domestic customers and no electricity or non-domestic customers is a large energy supplier). Note that up to Q3 2019, large suppliers were defined by domestic customers only.</p> |
| <b>Non-smart meters</b>                           | All meters which are not smart (or advanced for non-domestic) meters  |
| <b>Ofgem</b>                                      | Office of Gas and Electricity Markets (Ofgem) - the Government regulator for the electricity and downstream natural gas markets in Great Britain  |
| <b>Small energy suppliers</b>                     | <p><u>From 2022</u><br/>Supply gas and/or electricity to less than 150,000 metering points irrespective of domestic/non-domestic market</p> <p><u>Pre-2022</u><br/>Supplying either gas or electricity to less than 250,000 metering points.</p>  |
| <b>Smaller non-domestic sites</b>                 | Business or public sector customers whose sites use low to medium amounts of electricity (Balancing and Settlement Code Profile Classes 1, 2, 3 or 4) or gas (using less than 732MWh of gas per annum)  |
| <b>Smart meter</b>                                | Compliant with the Smart Meter Equipment Technical Specification (SMETS) and has functionality such as being able to transmit meter readings to energy suppliers and receive data remotely  |
| <b>SMETS1</b>                                     | Smart Metering Equipment Technical Specification version 1 (SMETS1) - the first version of the Smart Metering Equipment Technical Specification which was designated by the Secretary of State  |
| <b>SMETS2</b>                                     | Smart Metering Equipment Technical Specification version 2 (SMETS2) - the second version of the Smart Metering Equipment Technical Specification which was designated by the Secretary of State   |
| <b>Smart meters operating in traditional mode</b> | <p>When a smart meter loses smart functionality and needs to be read manually it is in "traditional mode". This can also temporarily happen for other reasons including:</p> <ul style="list-style-type: none"> <li>customers switching to suppliers currently unable to operate the meter in smart mode,</li> <li>meters being unable to communicate via the wide area network at the point of reporting,</li> <li>installed meters yet to be commissioned (e.g., in new build premises).</li> </ul>   |

## Further information

### Future updates to these statistics

The next quarterly publication is planned for publication on 29 August 2024. The content and format of the quarterly smart meters statistical report is open to review and will seek to include more relevant information as it becomes available. The format and context may be subject to change in future versions.

### Related statistics

Further information can be found on the webpage.

The figures within this publication series represent a large sub-set of meters found in other Departmental consumption statistics.

#### **Sub-national gas and electricity consumption statistics**

This publication provides estimates of [annual electricity and gas consumption](#) below national level. Latest estimates are for 2022 covering UK, the data for 2023 is due to be published in December 2024 (provisional).

#### **Digest of UK Energy Statistics (DUKES)**

[DUKES](#) contains annual data on production and consumption of overall energy and of the individual fuels in the United Kingdom. Also includes a commentary covering all the major aspects of energy and gives a comprehensive picture of energy production and use over the last five years with key series back to 1970.

#### **National Energy Efficiency Data-Framework (NEED)**

[The National Energy Efficiency Data-Framework \(NEED\)](#) was set up to provide a better understanding of energy use and energy efficiency in domestic and non-domestic buildings in Great Britain. The data framework matches gas and electricity consumption data, collected for BEIS sub-national energy consumption statistics, with information on energy efficiency measures installed in homes, from the Homes Energy Efficiency Database (HEED), Green Deal, the Energy Company Obligation (ECO) and the Feed-in Tariff (FIT) scheme. It also includes data about property attributes and household characteristics, obtained from a range of sources.

### Revisions policy

The [Department for Energy Security & Net Zero statistical revisions policy](#) sets out the revisions policy for these statistics, which has been developed in accordance with the UK Statistics Authority [Code of Practice for Statistics](#).

## Uses of these statistics

The data associated with this release is used in internal analysis to help form policy decisions and is also used by industry to monitor trends in the roll-out. The data within and associated with this publication are also used to answer Parliamentary questions and Freedom of Information requests.

## User engagement

Users are encouraged to provide comments and feedback on how these statistics are used and how well they meet user needs. Comments on any issues relating to this statistical release are welcomed and should be sent to: [smartmeter.stats@energysecurity.gov.uk](mailto:smartmeter.stats@energysecurity.gov.uk)

The Department for Energy Security & Net Zero statement on [statistical public engagement and data standards](#) sets out the department's commitments on public engagement and data standards as outlined by the [Code of Practice for Statistics](#).

## Pre-release access to statistics

Some ministers and officials receive access to these statistics up to 24 hours before release. Details of the arrangements for doing this and a list of the ministers and officials that receive pre-release access to these statistics can be found in the Department for Energy Security & Net Zero [statement of compliance](#) with the Pre-Release Access to Official Statistics Order 2008.

## Contact

- Responsible statistician: Mita Kerai
- Email: [smartmeter.stats@energysecurity.gov.uk](mailto:smartmeter.stats@energysecurity.gov.uk)
- Statistical enquiries: 0300 068 5044
- Media enquiries: 020 7215 1000
- General enquiries: [smartmetering@energysecurity.gov.uk](mailto:smartmetering@energysecurity.gov.uk)





© Crown copyright 2024

This publication is licensed under the terms of the Open Government Licence v3.0 except where otherwise stated. To view this licence, visit [nationalarchives.gov.uk/doc/open-government-licence/version/3](https://nationalarchives.gov.uk/doc/open-government-licence/version/3) or write to the Information Policy Team, The National Archives, Kew, London TW9 4DU, or email: [psi@nationalarchives.gsi.gov.uk](mailto:psi@nationalarchives.gsi.gov.uk).

Where we have identified any third-party copyright information you will need to obtain permission from the copyright holders concerned.

This publication is available from: <https://www.gov.uk/government/collections/smart-meters-statistics>

If you need a version of this document in a more accessible format, please email [smartmeter.stats@energysecurity.gov.uk](mailto:smartmeter.stats@energysecurity.gov.uk). Please tell us what format you need. It will help us if you say what assistive technology you use