



Department for
Business, Energy
& Industrial Strategy

Quarterly Energy Prices

UK October to December 2021 and final data for 2021

About this release

Information on average prices paid for energy in the United Kingdom and related energy market statistics.

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Data tables

Additional data are available online as part of the Energy Prices series:

- [Domestic](#)
- [Industrial](#)
- [International comparisons](#)
- [Road fuel](#)

This publication is based on data from several survey from energy suppliers.

New data are incorporated in line with the [revisions policy](#)

Based on fixed consumption levels of 13,600 kWh for gas and 3,600 kWh for standard electricity, the final **average combined domestic energy bill for 2021 was £1,326**. This is an **increase of 4.9 per cent** compared to the average of £1,264 in 2020.

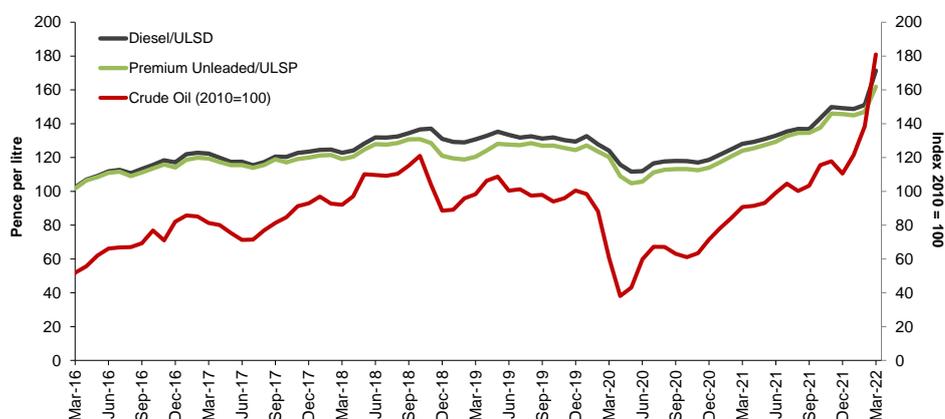
Using temperature adjusted average consumption figures, the **average combined domestic bill for 2021 was £1,285**. This was an **increase of 3.0 per cent** on the equivalent average of £1,248 for 2020.

The consumer price index for all domestic fuels increased by 22 per cent (in real terms, accounting for inflation) in the fourth Quarter (October to December) 2021 compared with the same quarter in 2020.

Fewer customers chose to transfer between energy suppliers in Quarter 4 2021 compared to the same period in 2020; there were an estimated 579,000 electricity customer transfers and 368,000 gas transfers in Quarter 4 2021, down by 62 per cent and 67 per cent, respectively on Quarter 4 2020. (Quarter 4 saw several 'Supplier of Last Resort' events which are not counted in these transfer statistics).

Prices in the manufacturing industry continued to increase over 2021. The price for electricity in October to December 2021 was **15.14 pence per kWh, up by 5.7 pence per kWh (or 60 per cent)** than October to December 2020. The price for gas was **4.25 pence per kWh, up by 2.5 pence per kWh (or 147 per cent)** over the same time period.

Road fuels have continued to increase in price; the mid-month average retail price of petrol for March 2022 was **162 pence per litre, 11 per cent higher** than December 2021 and average retail diesel price was **171 pence per litre, which is 15 per cent higher** than December 2021.



Road fuel prices reflect the cost of crude oil; **prices for crude oil have broadly increased** since March 2020, and the provisional price of crude oil purchased by UK refineries, in pound sterling (£) terms, in March 2022 was **64 per cent higher** than December 2021.

Introduction

The **Quarterly Energy Prices** (QEP) publication and the associated tables provide information on prices paid for energy and fuels in the United Kingdom and related energy market statistics. Information is presented for both the **domestic market** (which are the prices paid by households for their energy and fuels) and the **non-domestic sector**.

Domestic market metrics presented include the **consumer price index** for fuels used in households (based on Office for National Statistics data), **average gas & electricity bills** for UK households, information on **how customers pay** for their electricity and statistics on **competition in the market**.

Domestic Market Prices

Data are presented on the **non-domestic sector** (any user of energy that is not a household) and subcategories within this population. Prices paid for fuels in the **industrial sector**, by **manufacturing companies** within this sector and by electricity generating companies (**major power producers**) are outlined in this section.

Non-Domestic Sector Prices

The publication also provides a summary of national information on prices for **oil and petroleum** products. Additionally, road fuels are collated and published online both on a **weekly** and **monthly** basis here: www.gov.uk/government/collections/road-fuel-and-other-petroleum-product-prices

Oil and Petroleum Prices

International data are also collated and presented in the publication to provide comparisons in prices paid in the UK with other countries. This includes comparisons with other members of the **International Energy Association** (IEA) and with **European Union** (EU) member states.

International Comparisons

This issue of the Quarterly Energy Prices release provides UK energy data for the fourth quarter of the 2021 calendar year, finalised estimates for the 2021 annual data and in some series, revisions to previous quarters and more recent monthly data.

This issue also presents revised estimates for household gas and electricity bills for the **2021 calendar year**. These are revised estimates using data reported by suppliers for **all four quarters of 2021**.

These are an update of the data reported in the December 2021, which was based on 9 months of 2021 data, with the last 3 months estimated using a combination of the data provided by suppliers for the July to September 2021, the most recent price cap levels set by Ofgem ([link here](#)) and additional market evidence.

Domestic bills are presented using a fixed level of consumption to track solely the changes in price. In this release, additional tables presenting bills based on actual average domestic consumption over the year are published.

In addition to the quarterly updates with this publication, there are monthly updates to the **domestic energy price indices** and the **prices of petroleum products** (both domestically and internationally). Weekly petroleum prices are published as part of the [Weekly Fuel Prices](#) series.

Please note: When a 'quarter' is referred to in this release it is a quarter (3 months) in the context of a **calendar year**, so 'Quarter 4' refers to 1 October to 31 December unless otherwise stated.

The underlying data series associated with this release are available here:

Domestic energy prices	gov.uk/government/collections/domestic-energy-prices
Industrial energy prices	gov.uk/government/collections/industrial-energy-prices
International price comparisons	gov.uk/government/collections/international-energy-price-comparisons
Oil and petroleum product prices	gov.uk/government/collections/road-fuel-and-other-petroleum-product-prices

More information on the frequency and specific content of these tables can be found in the [accompanying tables](#) section.

Domestic Market Prices

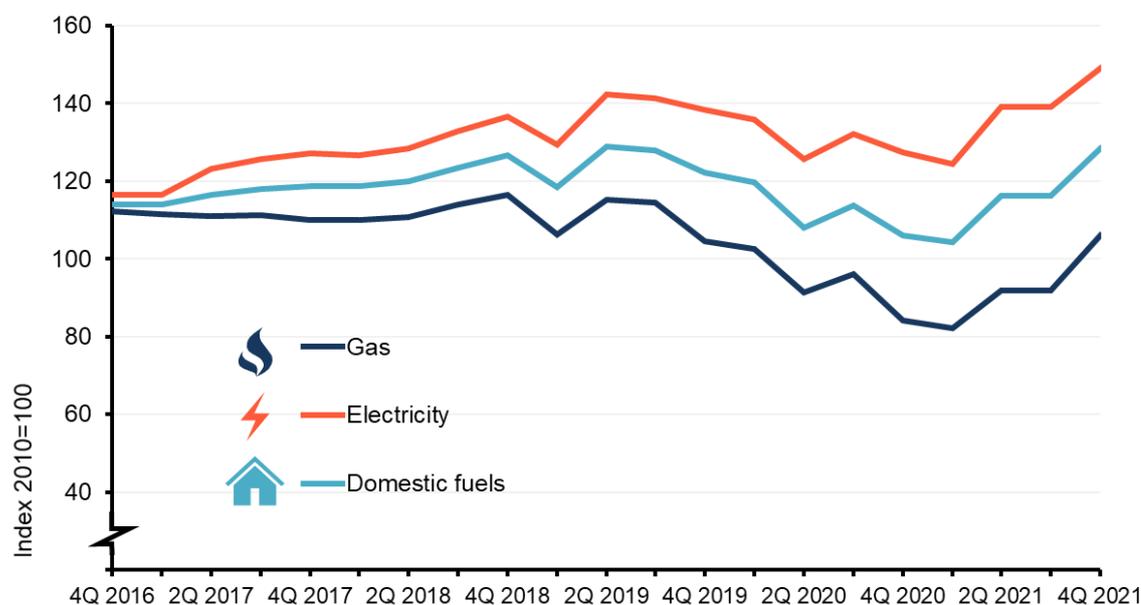
Households in the UK predominantly use **Electricity** from the national grid as their main source of energy. Most households (approximately 23.7 million in Great Britain) use **Gas** in their homes. Some households also use other fuels, such as heating oil for fuel-based generators and for heating as alternatives to on-grid options.

The domestic market prices section in this issue covers the **final estimates of the 2021 domestic energy bills**, the **consumer price index data** from ONS (the Office of National Statistics) and **market competition** data from Ofgem (the energy market regulator). **Customer proportions** are presented to illustrate which methods households use to pay for their energy.

Retail Price of Fuels for the Domestic Sector

Retail market price **indices** of fuels used in the domestic sector information is sourced from the Office for National Statistics' **Consumer Price Index (CPI)** data series, the full series available here at the [ONS Consumer Price Inflation page](#).

Chart 2.1: Real terms energy price indices in the domestic sector, quarterly, UK



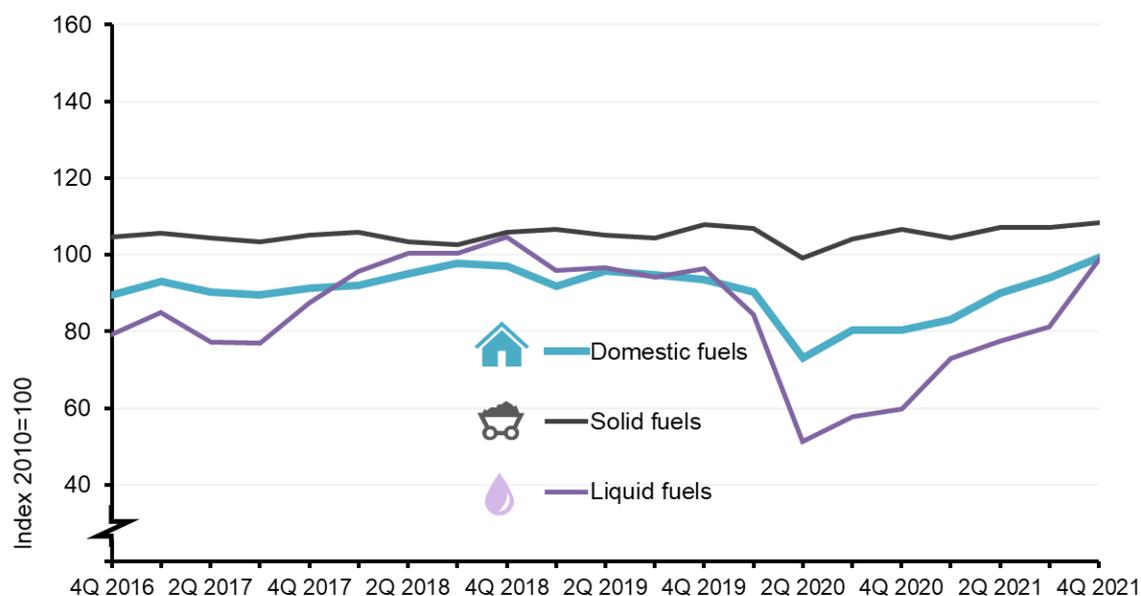
Source: Office of National Statistics, Consumer Prices Index
Data in real terms, adjusted for inflation using the GDP (market prices) deflator

Reference and links to tables:
[Table 2.1.1 - 2.1.3: Consumer prices index: fuel components in the UK](#)

The price paid for all domestic fuels in Quarter 4 2021 (in **real terms** and **including VAT**) **increased by 22 per cent** when compared with the same quarter in 2020. Electricity prices have **increased by 18 per cent** and Gas prices **increased by 27 per cent**. ([Tables 2.1.1 - 2.1.2](#))

Most of these price increases occurred in the last quarter of 2021 following increases to the Ofgem price cap for the period October 2021 to March 2022. When comparing domestic fuel prices in quarter 4 2021, with the previous quarter (quarter 3 2021), in real terms, domestic electricity prices have **increased by 8.1 per cent**, gas prices **increased by 16 per cent** and liquid fuel prices **increased by 23 per cent**. ([Tables 2.1.1 - 2.1.2](#))

Chart 2.2: Real terms fuel price indices in the domestic sector⁽¹⁾, quarterly, UK



Source: Office of National Statistics, Consumer Prices Index
Data in real terms, adjusted for inflation using the GDP (market prices) deflator

Reference and links to tables:

[Table 2.1.1 - 2.1.3: Consumer prices index: fuel components in the UK](#)

Chart 2.2 shows quarterly changes in the domestic sector price indices (in real terms) over the past 5 years focusing on the trends in solid and liquid fuels.

Solid fuels in this release include coal and smokeless fuel. The prices presented are based on standard grade household coal and boiler grade smokeless fuel.

Liquid fuels in this release comprises of domestic kerosene and similar heating oils.

Prices for electricity and gas closely follow similar trends (see **Chart 2.1**) and as they make up the majority of the weighting for domestic fuels, they steer the trend in overall domestic fuels. However, prices for other domestic fuels follow different and, in the case of liquid fuels, more erratic trends than other fuels.

Prices of liquid fuels are based on retail market prices and vary depending on the locations sold and are also prone to the effects of other factors such as demand, weather, material and delivery costs. Additionally, prices for these fuels are not subject to the same level of regulation seen in the electricity and gas markets, which have price caps set by the regulator.

Domestic electricity and gas bills

This section covers the final domestic bills estimate for 2021. This incorporates data reported for Q4 to update and revise the provisional bills published in December 2021¹.

All household bills data are based on quarterly snapshots of data provided by a sample of energy companies throughout the year.

Bills data are presented (unless noted otherwise) with fixed annual consumption levels of:

3,600 kWh for Standard Electricity

13,600 kWh for Gas

5,100 kWh for Economy 7 and other time of use electricity tariffs

This is to allow comparisons over time of **price** changes by keeping consumption changes constant.

For information on the derivation of these figures and the process for reviewing these please see the review document on the domestic methodology page here:

<https://www.gov.uk/government/publications/domestic-energy-prices-data-sources-and-methodology>

Actual average domestic consumption of both gas and electricity varies from year to year due to changes in weather and energy efficiency improvements.

Price Caps

Following a consultation process in March 2018, a default tariff cap² was implemented by the regulator, Ofgem, on 1 January 2019, to ensure gas and electricity customers pay a fairer price for their energy and to protect customers against being overcharged. A Prepayment cap was introduced in April 2017 and was combined into the Default Tariff Cap from January 2021.

The cap is set for a specific time period and applies to tariffs for all customers on standard variable tariffs. Energy suppliers can charge prices at or below the level but cannot charge more.

Table 1 Default tariff cap announcement and cap levels³

Default Tariff Cap Announced	Period Covered	Cap Level
Jan-19	Jan 2019 - Mar 2019	£1,137
Feb-19	Apr 2019 - Sep 2019	£1,254
Aug-19	Oct 2019 - Mar 2020	£1,179
Feb-20	Apr 2020 - Sep 2020	£1,162
Aug-20	Oct 2020 - Mar 2021	£1,042
Feb-21	Apr 2021 - Sep 2021	£1,138
Aug-21	Oct 2021 - Mar 2022	£1,277
Feb-22	Apr 2022 - Sep 2022	£1,971

The default tariff cap has had an impact on how much suppliers charge for variable tariffs. As caps were implemented three separate times in 2019 this had an impact on the figures produced for the annual average price in this year.

Ofgem now reviews these biannually, with two caps a year. One covering April to September and the other covering October to March of the following year. Note that bills for 2021 will not reflect the latest price cap announcement.

Please note that the method we use to calculate average bills can produce average figures higher than the cap. We take an average of prices provided to us from energy companies each quarter. As we request all

¹ The total average bill has been revised down by 1% (£13). Average gas bills have been revised down by £15 and average electricity bills up by £2.

² For more information on the default tariff cap, see: <https://www.ofgem.gov.uk/gas/retail-market/market-review-and-reform/default-tariff-cap>

³ Based on a typical customer using typical consumptions for dual fuel and paying by Direct Debit. For further information, see <https://www.ofgem.gov.uk/energy-price-caps/about-energy-price-caps>

active tariffs at that point in time, this includes fixed tariffs offered in previous years that could be charging more or less than new tariffs offered at the time of request. Furthermore, Ofgem standard energy consumption rates used to calculate cap levels (12,000 kWh for gas and 3,100kWh for electricity) are lower than the BEIS standard energy consumption rates used to calculate annual bills (13,600kWh for gas and 3,600kWh for electricity).

Retail Market Changes in 2021

Due to market pressures a number of suppliers have ceased trading⁴. The Department's quarterly Domestic Fuels Inquiry survey⁵ did not sample any suppliers which have exited the market, however, through the supplier of last resort (SoLR) provision customers will move to suppliers within our sample.

This publication presents **customer proportions** up to the end of December 2021. Whilst SoLR movements take time to fully implement and feed into our reporting, the quarter 4 customer numbers within our sample will largely reflect SoLR movements and are weighted based on October 2021 Ofgem data on the full market.

As such, we anticipate that there will be limited effect of supplier transfers on the estimated customer numbers presented in this publication. However, we are continuing to monitor impacts of market changes on our data and this may lead to revisions in future releases.

National average annual energy bill

This section presents data based on the fixed consumption levels as outlined in the previous section (3,600 kWh for Electricity, 13,600 kWh for Gas).

Table 2 – Average annual bills 2021 (current prices) compared to 2020

	2020	2021	Change	% Change
Standard Electricity	£707	£766	£59	8.3%
Gas	£557	£560	£3	0.6%
Combined	£1,264	£1,326	£62	4.9%

Average energy bills based on BEIS standard energy consumption in 2021 are estimated to be **£1,326⁶**. In current prices terms, this was an **increase of 4.9% per cent** or **£62** on 2020.

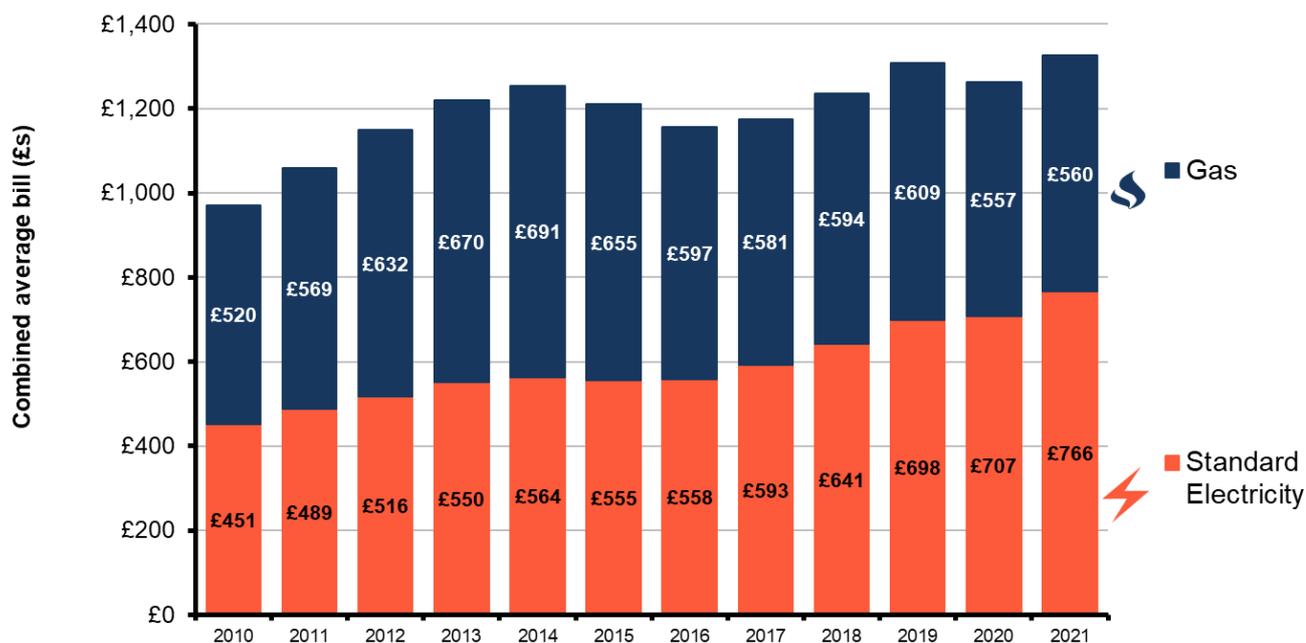
The average Standard Electricity bill **increased by 8.3 per cent** or **£59** to **£766** in 2021. The average Gas bill **increased by 0.6 per cent** or **£3** to **£560** in 2021 (differences reported in current prices terms).

⁴ <https://www.ofgem.gov.uk/publications/check-whos-taken-over-your-energy-supply>

⁵ See the Methodology guidance for further information on the DFI survey <https://www.gov.uk/government/publications/domestic-energy-prices-data-sources-and-methodology>

⁶ 13,600kWh for gas and 3,600kWh for electricity.

Chart 2.3: Average Standard Electricity and Gas bills (current prices)



Reference and link to tables:

[Table 2.2.1: Average annual domestic electricity bills, by home and non-home supplier](#)

[Table 2.3.1: Average annual domestic gas bills, by home and non-home supplier](#)

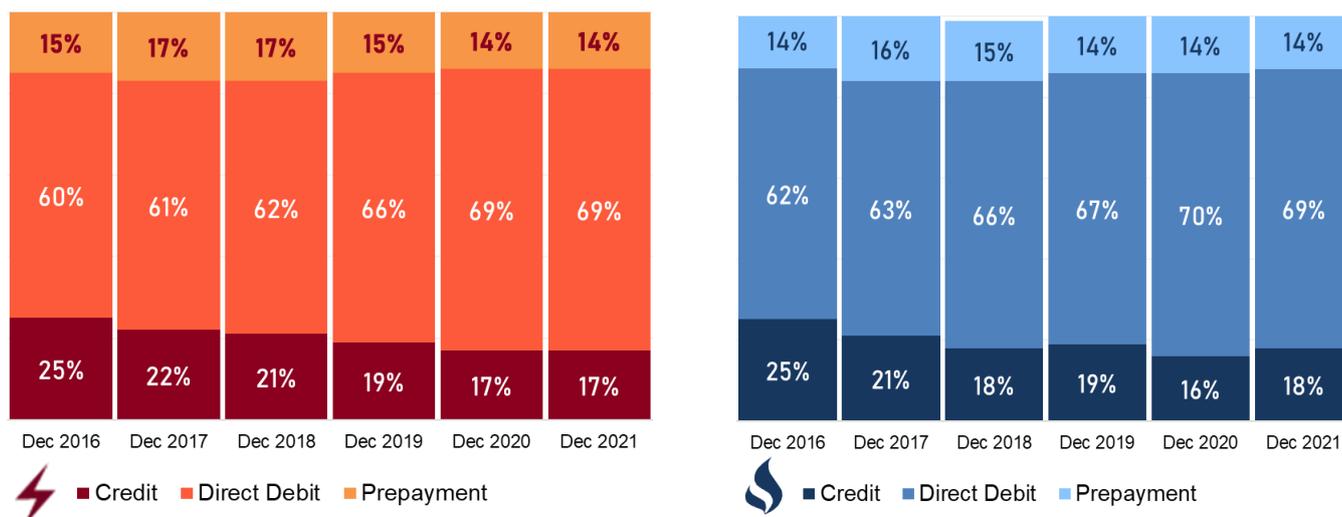
Combined bills from 2010 have been updated to the current BEIS standard energy consumption levels. The 2021 combined Electricity and Gas bills (in current prices) were the highest in this timeseries.

Payment methods

The three main **payment methods** consumers use to pay for their domestic energy bills we identify are **Prepayment**, **Credit** and **Direct Debit**

Prepayment is essentially a ‘pay as you go’ method, users topping up an allowance and usage drawing on their balance. **Credit** is where households settle the bill on the electricity or gas, they used upon receipt but do not pay a recurring set payment as with **Direct Debit**.

Chart 2.4: Proportion of households by payment type, between December 2016 and December 2021



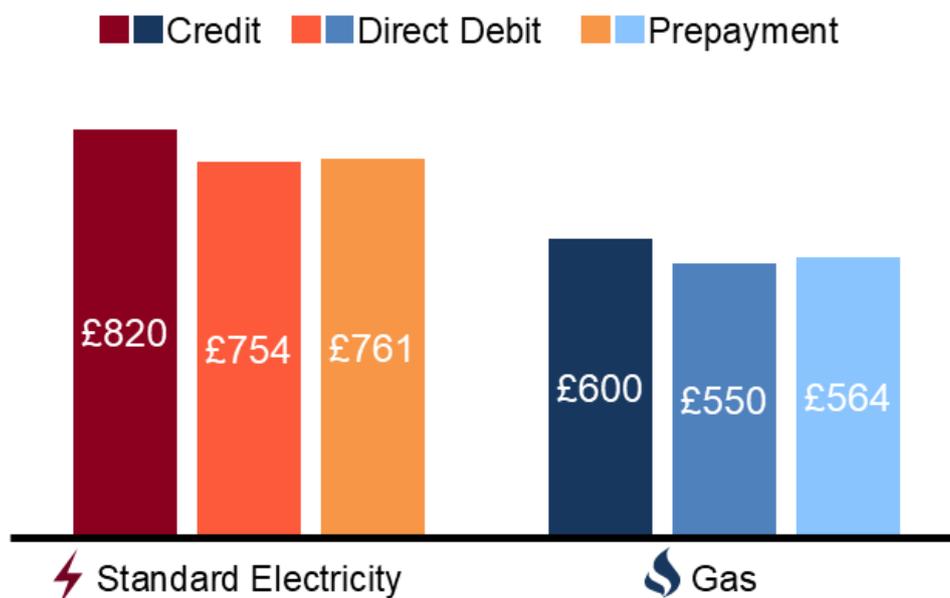
Reference and links to tables:

[Table 2.4.2: Regional variation of payment method for standard electricity](#)

[Table 2.5.2: Regional variation of payment method for Gas](#)

At the end of December 2021, most Standard Electricity customers in the United Kingdom (UK) and Gas customers in Great Britain (GB⁷) were paying their bills via **Direct Debit**. Comparing proportions over the last five years (**Chart 2.4**), the number of customers on prepayment remains relatively unchanged where there has been a shift of around 10% of all households to Direct Debit away from Standard Credit for both Gas and Electricity.

Chart 2.5: Average annual bills on each payment type, 2021



Reference and link to tables:

[Table 2.2.1: Average annual domestic electricity bills, by home and non-home supplier](#)

[Table 2.3.1: Average annual domestic Gas bills, by home and non-home supplier](#)

⁷ Gas is not as widely adopted in Northern Ireland so this collection does not include Northern Ireland gas data.

Table 3 – Average annual bills, in current prices, by payment method, 2021

	Credit	Direct Debit	Prepayment	Overall
Standard Electricity	£820	£754	£761	£766
Gas	£600	£550	£564	£560
Combined	£1,420	£1,304	£1,325	£1,329

For combined bills, based on BEIS consumption levels⁸, Credit remained the most expensive method of payment at **£1,420** (an **increase**, in current prices terms, of **3.9 per cent** or **£53** since 2020).

Direct Debit was the cheapest for combined bills at **£1,304** (an **increase** of **6.1 per cent** or **£75** since 2020).

Average prices paid on Direct Debit (assuming both fuels are paid for by this method) were **£116 cheaper** than those on Credit in 2021.

Prepayment with a combined bill of **£1,325** was more expensive than Direct Debit but cheaper than Credit, and **increased by 1.2 per cent** or **£16** compared with 2020.

Domestic energy competition

Prior to the privatisation of the GB energy market, all energy customers were supplied by their regional electricity and Gas boards. Following privatisation these boards became the commercial ‘home’ suppliers for each region to which all customers in that region belonged before the market opened to competition.

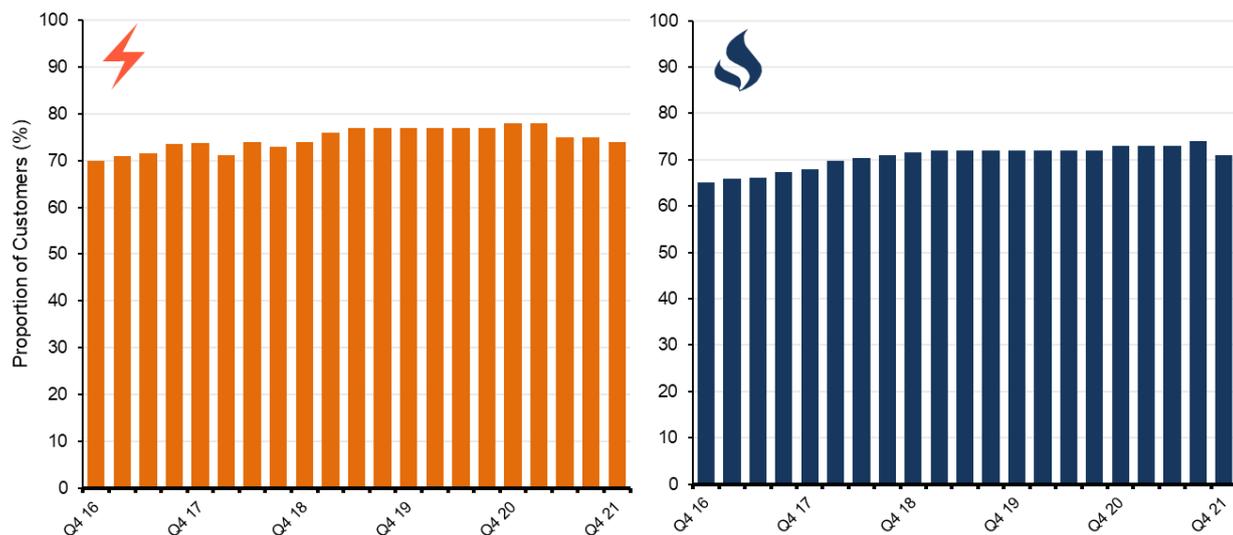
The first trial in competitive Gas supply started in April 1996 in South West England, with all customers able to choose their Gas supplier by May 1998. Competition in domestic electricity supply began on 14 September 1998 with 750,000 consumers in four areas and was gradually extended to all consumers in Great Britain by 24 May 1999.

In Northern Ireland, the market is now open to competition, after being monopolistic for many years, although two suppliers still currently supply most of the market. Gas is still not yet widely available in Northern Ireland, although the number of customers with access to the Gas grid is increasing.

‘Home’ suppliers as referred to in this release, are those energy companies that are the regional suppliers of Gas and electricity to households prior to privatisation. **‘Non-home’ suppliers** are those energy companies that were not the regional suppliers of Gas and electricity to households prior to privatisation.

⁸ 13,600kWh for gas and 3,600kWh for electricity.

Chart 2.6 Proportion of customers with 'Non-Home' suppliers, for Electricity and Gas since Quarter 4 2016



Reference and links to tables:
[Tables 2.4.1 and 2.5.1](#)

At the end of December 2021, BEIS estimated that **74 per cent** domestic Electricity⁹ customers and **71 per cent** domestic Gas customers in Great Britain¹⁰ were no longer with their original home supplier - which was the firm who had supplied that region before the energy market opened to competition (see chart 2.6).

Direct Debit customers were most likely to have changed from home suppliers, with **77 per cent** of Electricity customers and **76 per cent** of Gas customers no longer with their home suppliers.

Credit customers were the least likely to have changed from home energy suppliers, with **62 per cent** of Electricity customers and **54 per cent** of Gas customers supplied by a non-home supplier.

The proportion of Gas customers at the end of December 2021 with non-home suppliers was **3 percentage points lower** than the last quarter and **up 6 percentage points** since the end of December 2016¹¹. For Electricity, the proportion of customers with a non-home supplier was **1 percentage point** lower than the last quarter and **up 4 percentage points** since December 2016.

In 2020, OVO acquired the domestic services that SSE previously provided (for information about the merger [here](#)). SSE was a home supplier in several regions and OVO are now treated as the home supplier in these regions.

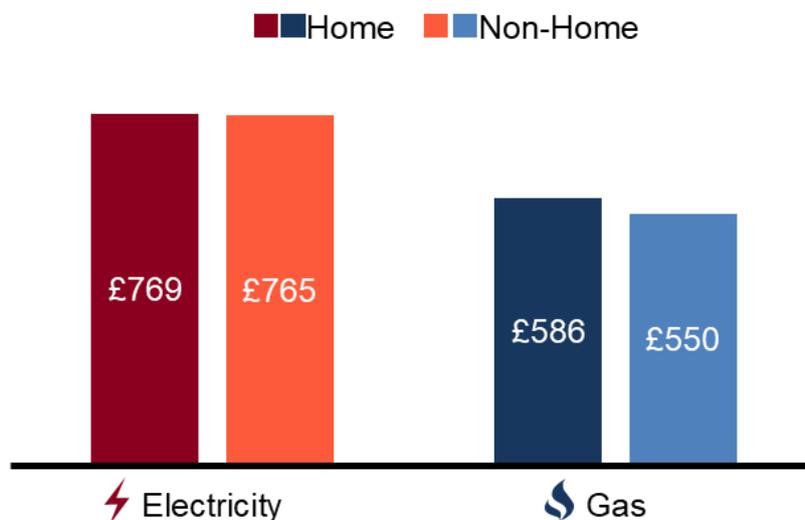
⁹ Includes both standard electricity and Economy 7 electricity.

¹⁰ Competition is still limited in scope for domestic customers in Northern Ireland, and so this country has been excluded from this analysis.

¹¹ Before 2016, home and non-home customers numbers proportions were not adjusted as figures were primarily based on data from large suppliers. Since 2016, this has now been adjusted to be representative of Great Britain. This change means that figures before 2016 are not directly comparable with future years.

Variation in bills by energy competition and payment methods

Chart 2.7: Average annual Standard Electricity and Gas bills for home and non-home suppliers, 2021



Reference and link to tables:

[Table 2.2.1: Average annual domestic electricity bills, by home and non-home supplier](#)

[Table 2.3.1: Average annual domestic Gas bills, by home and non-home supplier](#)

Table 4 – Average annual bills^(r) by payment method and supplier type for 2021

	Credit		Direct Debit		Prepayment		Overall	
	Home	Non-Home	Home	Non-Home	Home	Non-Home	Home	Non-Home
Standard Electricity	£810	£823	£754	£754	£757	£762	£769	£765
Gas	£602	£600	£571	£543	£613	£541	£586	£550
Combined	£1,412	£1,423	£1,325	£1,297	£1,370	£1,303	£1,355	£1,315

The average annual bill based on standard consumption¹² for Gas and Standard Electricity in 2021 was lower for customers who were with “Non-Home” suppliers, with the average bill for customers with “Home” suppliers being **3.0 per cent** or **£39 more expensive** (differences reported in current prices terms).

Average bills for customers on “Home” supplier Gas tariffs were higher than customers on those tariffs offered by “Non-Home” suppliers across all payment methods. Overall, on average, home supplier Gas bills were **6.5 per cent** or **£36 higher** than non-home supply bills.

Though there was some variability across different payment methods for Standard Electricity; overall, customers on tariffs offered by “Home” suppliers, paid on average **0.4 per cent** or **£3 more** than customers on “Non-Home” supplier tariffs.

¹² 13,600kWh for gas and 3,600kWh for electricity.

Transfer Statistics

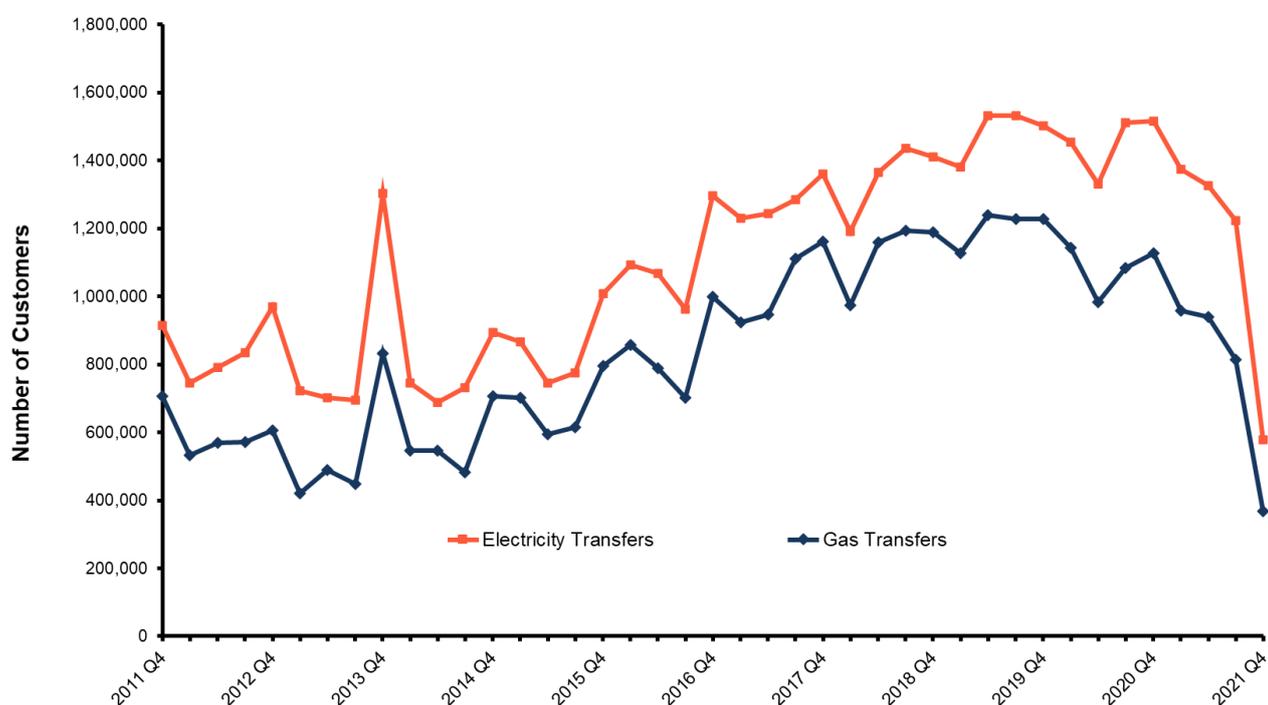
The Office for Gas and Electricity Markets (Ofgem) provides BEIS with the number of domestic customers in Great Britain that have switched supplier for both electricity and gas. More can be found on [Ofgem's Data Portal page on switching energy suppliers](#).

In order to strengthen competition in the energy market [Ofgem encourages consumers](#) to switch energy suppliers to reduce bills.

Please note: the number of customers switching supplier shown in the graph is based on the number of meter points a supplier gains from another following a customer choice to change their supplier.

This number **does not include** either internal switches among white labels or brands associated with the same supplier or customer transfers resulting from corporate changes, company mergers and Supply of Last Resort events.

Chart 2.8 Domestic Gas and Electricity transfers¹³



Source: Ofgem

Please note: For Electricity, this covers the whole domestic market. Formerly Gas switching levels only covered the main six suppliers. From January 2014 Ofgem provided switching levels for the whole market.

Reference and link to tables:

[Table 2.7.1: Transfer statistics in the domestic Gas and electricity markets](#)

There were an estimated 579,000 electricity transfers and 368,000 gas transfers in Quarter 4 2021. Compared with Quarter 4 2020, electricity transfers are down by **162 per cent** from 1,515,000 and gas transfers are down **207 per cent** from 1,128,000. Increases in wholesale gas prices meant fewer tariffs were being offered. These quarterly transfers represent around **2.0 per cent** for Electricity customers and **1.5 per cent** for Gas customers in the domestic market.

¹³ Since April 2016 data supplied to BEIS has included additional filtering to remove non-domestic customers. This data is sourced from network operators and filtered by the active suppliers in the market, who to the best of Ofgem's knowledge are operating in the domestic and non-domestic segments of the energy market. For this reason, the data supplied from April 2016 onwards may be more accurate but lower than levels before this time.

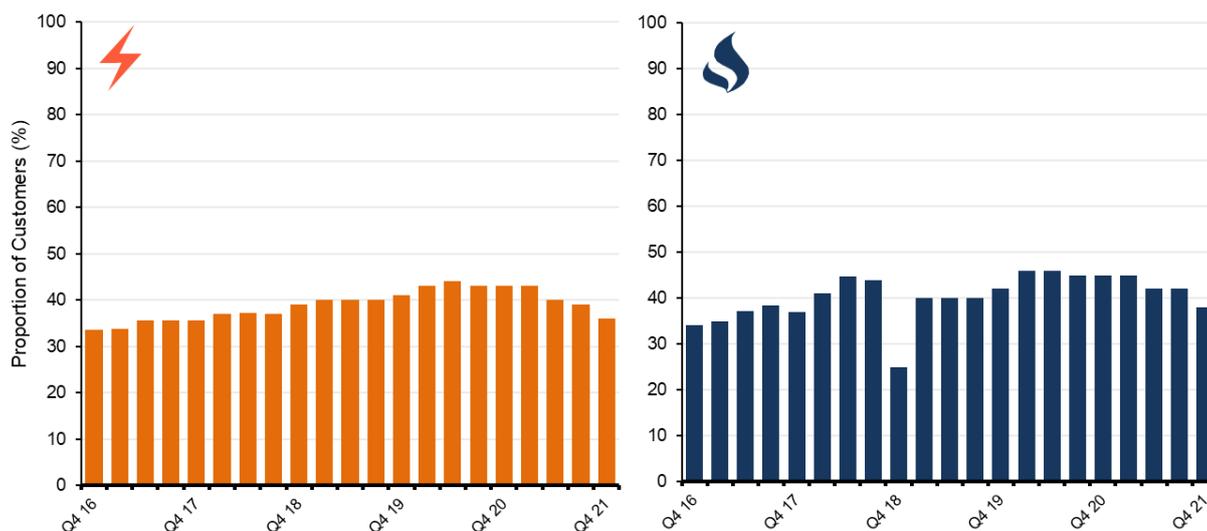
Fixed and Variable Tariffs

A **variable tariff** is a tariff that is subject to change at any point in time. A **fixed tariff**¹⁴ is one where the price has been set at a constant rate for a defined period.

Please note BEIS determines whether tariffs are fixed or variable, based on the attributes of tariff names provided by energy companies.

We are continually reviewing our methodology, but these are currently classified as **Experimental Statistics** and are not as robust as the data presented elsewhere in the release. We are intending to change this classification but will require a change to the data collection to include this information from companies on submission.

Chart 2.9: Proportion of customers on fixed tariffs for both Electricity and Gas since Quarter 4 2016



Reference and link to tables:

[Table 2.4.2: Regional variation of payment method for standard electricity](#)

[Table 2.5.2: Regional variation of payment method for Gas](#)

At the end of December 2021, more Standard Electricity customers and Gas customers in Great Britain (GB) were on variable tariffs than on fixed tariffs. Around **36 per cent** of all Standard Electricity and **38 per cent** of all Gas customers were on fixed tariffs.

The picture is different when looking at the different payment types customers are on:

Direct Debit customers are most likely to be on fixed tariffs with around **49 per cent** of these customers on a fixed deal for Electricity and **49 per cent** for Gas.

Credit customers were the second most likely to be on a fixed tariff, with **12 per cent** of Standard Electricity customers and **24 per cent** of Gas customers on a fixed tariff.

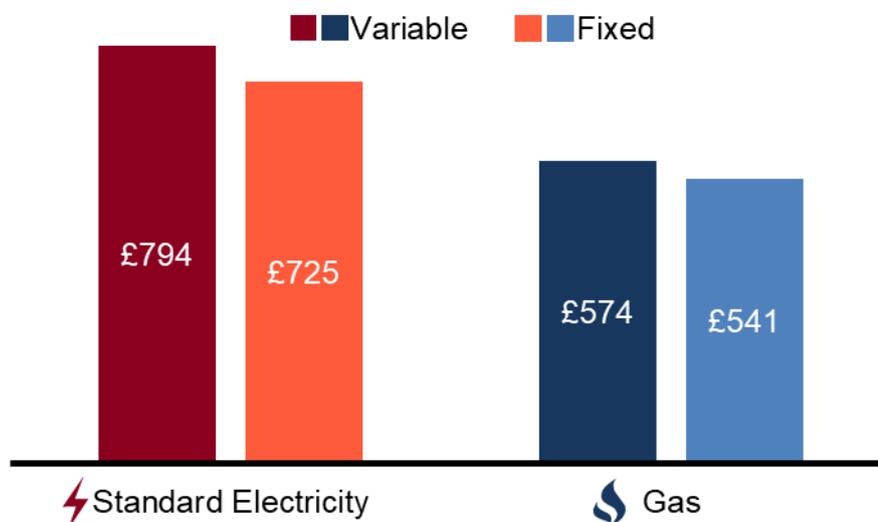
Prepayment customers were the least likely to be on a fixed tariff, with **1 per cent** of Standard Electricity and **1 per cent** of Gas customers on a fixed tariff.

The proportion of Standard Electricity customers at the end of December 2021 on fixed tariffs was **3 percentage points lower** than the previous quarter and **up 2 percentage points** since the end of December 2016. For Gas, the proportion of customers on fixed tariffs was **4 percentage points lower** than the previous quarter and **up 4 percentage points** since December 2016.

¹⁴ The method used to determine a fixed tariff is dependent on the tariff name and BEIS' research of tariffs. It is therefore possible that some fixed tariffs have not been identified and may well have been incorrectly classified as a variable tariff.

Variation in bills by tariff type and payment methods

Chart 2.10: Average Standard Electricity and Gas bills for fixed and variable tariffs



Reference and link to tables:

[Table 2.2.1: Average annual domestic electricity bills, by home and non-home supplier](#)

[Table 2.3.1: Average annual domestic Gas bills, by home and non-home supplier](#)

Table 5 – Average annual bills by payment method and tariff type, 2021¹⁵

	Credit		Direct Debit		Prepayment		Overall	
	Fixed	Variable	Fixed	Variable	Fixed	Variable	Fixed	Variable
Standard Electricity	£760	£833	£721	£790	£749	£762	£725	£794
Gas	£608	£598	£534	£568	£518	£564	£541	£574
Combined	£1,369	£1,431	£1,255	£1,358	£1,267	£1,326	£1,266	£1,367

In 2021, annual domestic Gas and Standard Electricity bills for customers on a fixed tariff were cheaper overall compared to those on variable tariffs. In current prices terms, combined bills were around **7.4 per cent** or **£102 cheaper**¹⁶ for those on a fixed tariff. This was influenced primarily by differences in average annual bills for customers using a Direct Debit payment.

¹⁵ Standard electricity and gas bills may not add up exactly to the combined bill as they have been calculated on non-rounded figures.

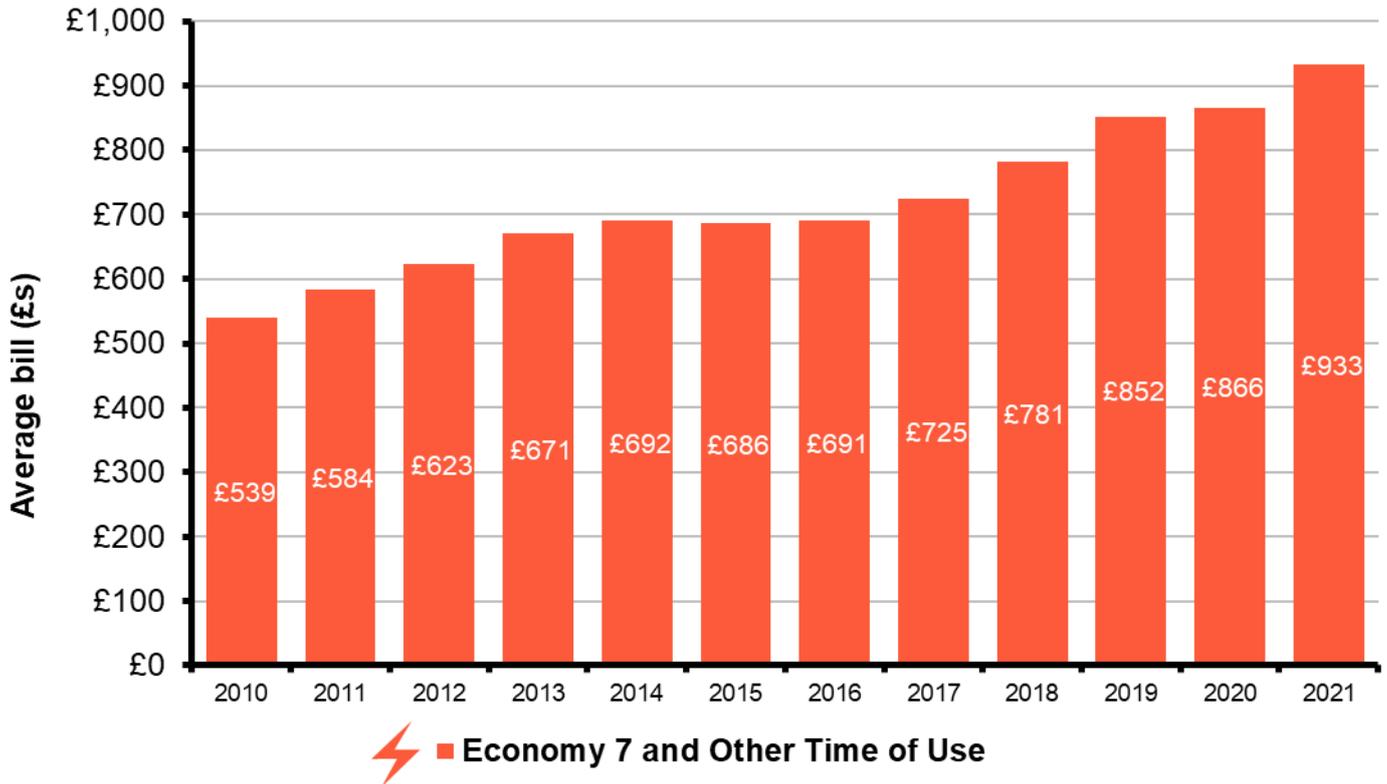
¹⁶ Based on BEIS standard consumption. 13,600kWh for gas and 3,600kWh for electricity.

Economy 7 and Other Time of Use Tariffs Average Annual Bills

Economy 7: Electricity Tariffs which have a separate unit cost for the night and day and are designed for use with night storage heaters.

Other Time of Use Tariffs: Electricity Tariffs which have separate unit costs for different times of the day and night to correspond with high and low demand periods. Note that there can be multiple unit rates across the day and night.

Chart 2.11: Average annual Economy 7 and Other Time of Use bills (cash terms)



Reference and link to tables:

[Table 2.2.1: Average annual domestic electricity bills, by home and non-home supplier](#)

Average Economy 7 and other time of use tariffs bills based on an annual energy consumption of 5,100 kWh in 2021 are estimated to be **£933**¹⁷. In current prices terms, this was an increase of **7.8 per cent** or **£68** on 2020. There has been a year-on-year increase in the average bill since 2010 when the new 2020 BEIS standard consumption was backdated to.

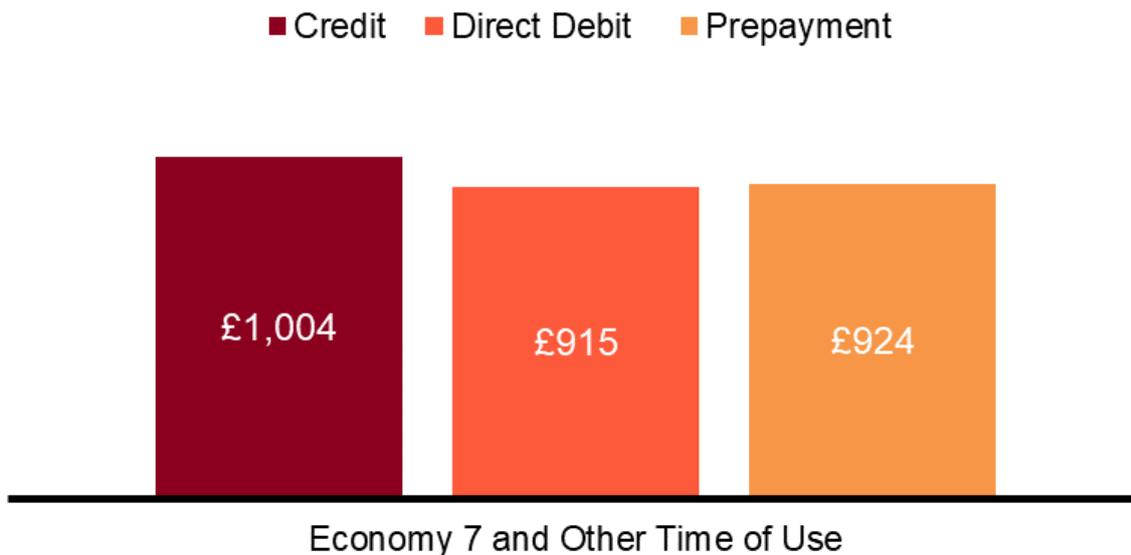
¹⁷ 5,100 kWh for Economy 7 and other time of use tariffs.

Average Annual Bills by Payment Type (Economy 7 and other time of use)

This section presents data based on the BEIS standard consumption level (5,100 kWh for Economy 7 and other time of use tariffs) to explore the variations and trends seen in bills by the three main payment methods consumers use to pay for their domestic energy bills.

Prepayment is essentially a 'pay as you go' method, users topping up an allowance and usage drawing on their balance. **Credit** is where households settle the bill on the electricity or gas, they used upon receipt but do not pay a recurring set payment as with **Direct Debit**.

Chart 2.12: Average annual Economy 7 and Other Time of Use bills by each payment type, 2021



Reference and link to tables:

[Table 2.2.1: Average annual domestic electricity bills, by home and non-home supplier](#)

For Economy 7 and other time of use bills, based on BEIS standard consumption levels, Credit was the most expensive method of payment in 2021 at **£1,004**. This was also the most expensive method in 2020. The price increased by **8.5 per cent** or **£79** from 2020.

As in 2020, Direct Debit was the cheapest method in 2021 at **£915**. The price increased by **7.8 per cent** or **£66** from 2020.

Bills paid on Direct Debit were on average **£89 cheaper** than those on Credit in 2021 (difference in current prices terms). The average Prepayment bill in 2021 was **£924**, a **6.9 per cent** or **£60 increase** from 2020.

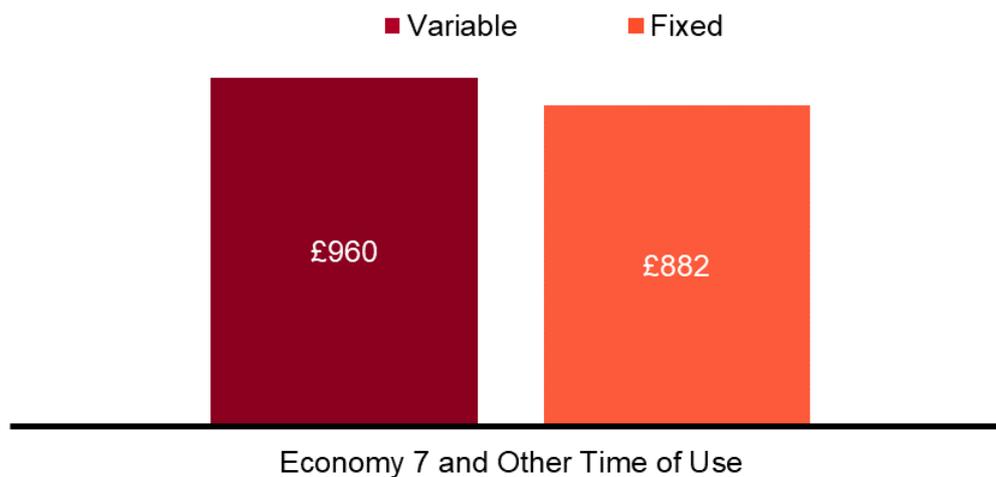
Average Annual Bills by Fixed & Variable Tariffs (Economy 7 and other time of use)

A **variable tariff** is a tariff that is subject to change at any point in time. A **fixed tariff**¹⁸ is one where the price has been set at a constant rate for a defined period.

Please note BEIS determines whether tariffs are fixed or variable, based on the attributes of tariff names provided by energy companies.

We are continually reviewing our methodology, but these are currently classed as **Experimental Statistics** and are not as robust as the data presented elsewhere in the release. We are intending to change this classification but will require a change to the data collection to include this information from companies on submission.

Chart 2.13: Average annual Economy 7 and Other Time of Use bills for fixed and variable tariffs, 2021



Reference and link to tables:

[Table 2.2.1: Average annual domestic electricity bills, by home and non-home supplier](#)

For Economy 7 and other time of use bills, based on BEIS standard consumption levels¹⁹, customers on variable tariffs paid on average **8.9 per cent** or **£78 more** than customers on fixed tariffs (in current prices terms).

¹⁸ The method used to determine a fixed tariff is dependent on the tariff name and BEIS' research of tariffs. It is therefore possible that some fixed tariffs have not been identified and may well have been incorrectly classified as a variable tariff.

¹⁹ 5,100 kWh for Economy 7 and other time of use tariffs.

Non-Domestic Market Prices

Electricity and gas prices for the non-domestic sector

This section presents electricity and gas prices data in the non-domestic sector, which **excludes** prices paid by households and generally **comprises** the industry sector (manufacturing, energy for example) and the commercial sector (services, retails for example) (Tables 3.4.1 and 3.4.2).

Table 3a Percentage change in non-domestic electricity prices compared to the previous year

Consumer Band	Consumption Band (in MWh)	Q4 Prices excluding CCL pence per kWh	% change on previous year (excluding CCL)	% difference in prices when including CCL
Average		17.04	25.6%	3.9%
Very Small	0 - 20	18.27	10.2%	3.0%
Small	20 - 499	18.20	21.7%	3.7%
Small/Medium	500 - 1,999	17.33	25.3%	3.9%
Medium	2,000 - 19,999	16.51	26.9%	4.1%
Large	20,000 - 69,999	16.74	27.3%	4.0%
Very Large	70,000 - 150,000	16.51	30.9%	4.1%
Extra Large	> 150,000	16.38	29.5%	4.1%

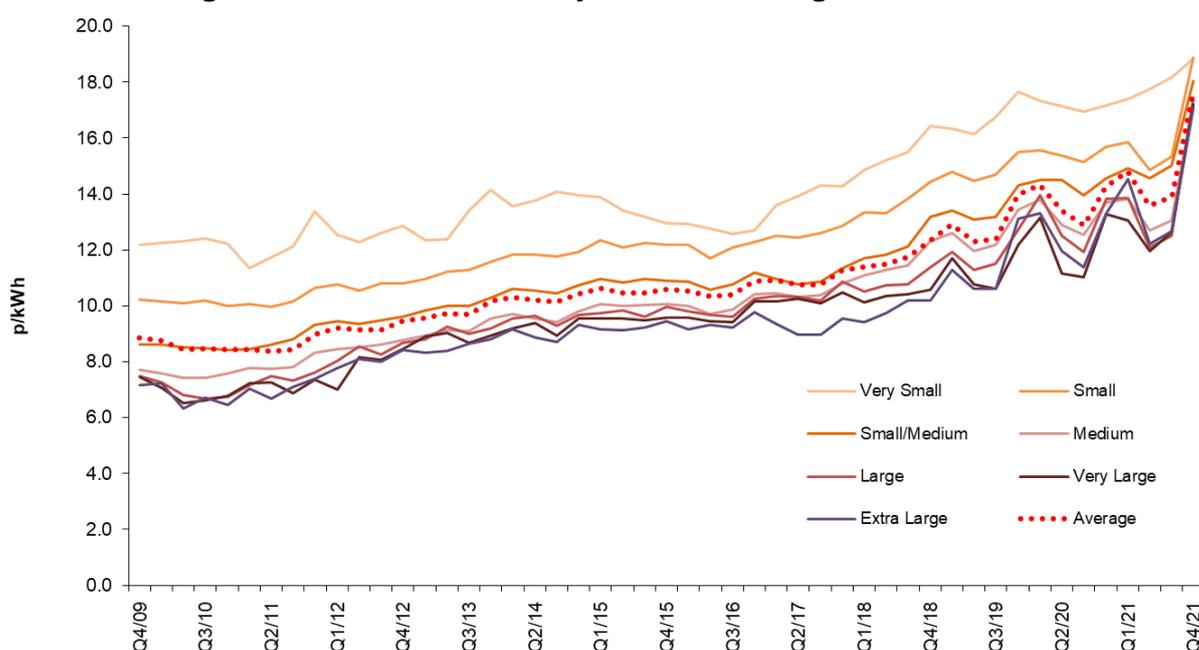
Reference and link to tables:

Table 3.4.1 and 3.4.2: Price of fuels purchased by non-domestic consumers in the UK excluding and including CCL

Between Quarter 4 2020 and Quarter 4 2021, the average electricity price in cash terms **excluding CCL** in the non-domestic sector **rose by 26 per cent to 17.04 pence per kWh**. Price increases were seen in all sizes of consumer. Note that the very large and extra large bands are subject to greater change over time as they are based on fewer consumers.

In Quarter 4 2021, the inclusion of CCL increased the average price of electricity in the non-domestic sector by **3.9 per cent** and by between 3.0 per cent to 4.1 per cent for the various consumer bands.

Chart 3.1 Average Non-Domestic Electricity Prices Including CCL



Reference and link to tables:

Table 3.4.1 and 3.4.2: Price of fuels purchased by non-domestic consumers in the UK excluding and including CCL

Since the second quarter of 2011 average electricity prices in the non-domestic sector, including CCL, have been on a general upward trend. In the last quarter of 2021, there has been a narrowing of the differences in prices across consumer bands. The average price differential across different sizes of consumer has decreased from **5.68 pence per kWh** in **quarter 3** to **1.82 pence per kWh** in **quarter 4**.

Table 3b Percentage change in non-domestic gas prices compared to the previous year

Consumer Band	Consumption Band (in MWh)	Prices excluding CCL pence per kWh	% change on previous year (excluding CCL)	% difference in prices when including CCL
Average		3.98	72.3%	4.8%
Very Small	<278	5.07	14.6%	5.0%
Small	278 - 2,777	3.65	49.2%	7.6%
Medium	2,778 - 27,777	4.28	99.7%	5.1%
Large	27,778 - 277,777	3.55	102.9%	3.9%
Very Large	277,778 - 1,111,112	4.03	149.0%	2.1%

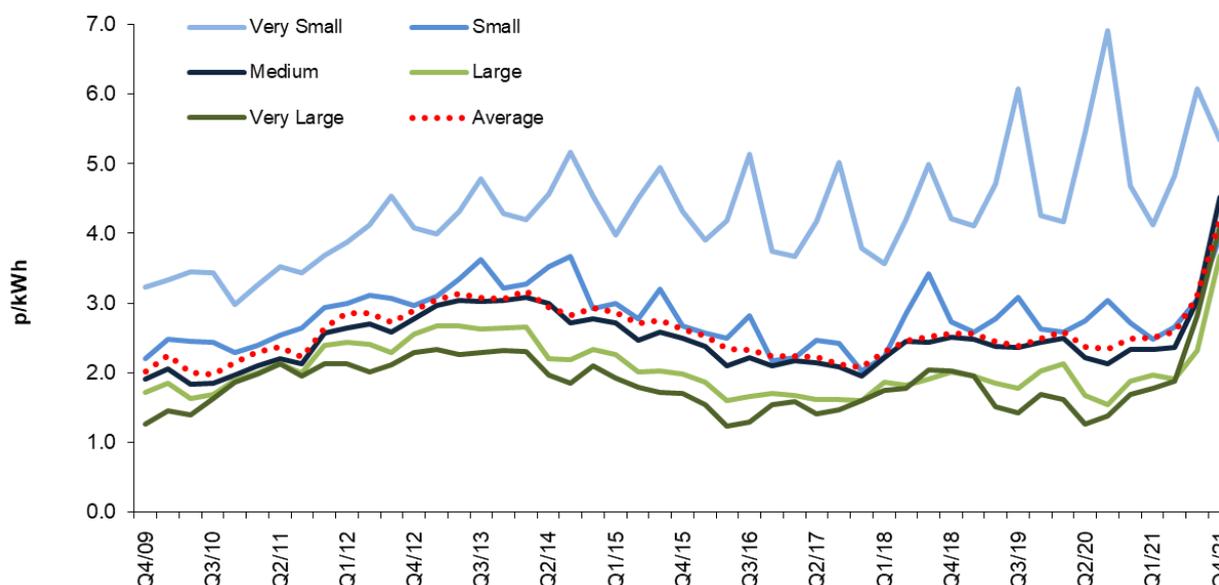
Reference and links to tables:

[Table 3.4.1](#) and [3.4.2](#): Price of fuels purchased by non-domestic consumers in the UK excluding and including CCL

Between Quarter 4 2020 and Quarter 4 2021, the average **gas** price in cash terms **excluding CCL** in the non-domestic sector **rose by 72 per cent to 3.98 pence per kWh**. Price rises were seen in all sizes of consumer bands. Note that the very large band is subject to greater change over time as it is based on fewer consumers.

In Quarter 4 2021, the inclusion of CCL increases the average price of gas in the non-domestic sector by **4.8 per cent** and by between 2.1 to 7.6 per cent for the various consumer bands.

Chart 3.2 Average Non-Domestic Gas Prices Including CCL



Reference and links to tables:

[Table 3.4.1](#) and [3.4.2](#): Price of fuels purchased by non-domestic consumers in the UK excluding and including CCL

Average gas prices, **including CCL**, fell at a steady pace from the high reached in Quarter 1 2014 to a low of 2.07 pence per kWh in Quarter 4 2017. Prices then increased in 2018 but remained lower than the highs in 2014. From then, there was a slow general trend for prices to fall when factoring in seasonal variation. However, since Quarter 3 2021 there has been a sharp rise in average gas prices. From quarter 3 to quarter 4 of 2021 there has been a narrowing of the differences in prices across consumer bands.

The average price differential across different sizes of consumer has decreased from **3.75 pence per kWh** in **quarter 3** to **1.65 pence per kWh** in **quarter 4**.

Energy prices in the manufacturing sector

Manufacturing is a subset of industry that use fuels in the manufacturing process and include companies that produce by-products of the fuels.

Prices of fuels in the manufacturing sector, excluding CCL, for various size bands of consumers are presented in [Tables 3.1.1 to 3.1.4](#). The fuels used in the manufacturing sector are mainly **heavy fuel oil, gas oil, electricity and gas** though **coal** is also used.

Heavy Fuel Oil, a derivative from the oil refining process is used for heating and to fuel furnaces and boilers in industrial plants. It is very viscous and requires to be kept at a high temperature and pre-heating before use.

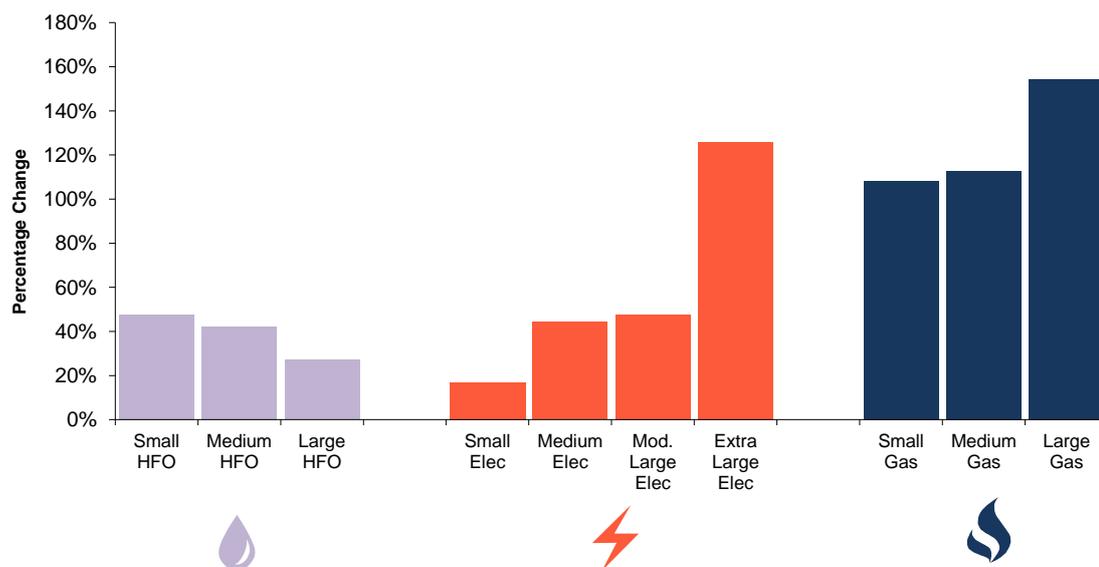
Gas Oil (sometimes referred to as Red Diesel for agricultural uses) is a more refined product than Heavy Fuel Oil and is also used as a fuel for heating and in off-road vehicles like tractors and machinery in the construction and agricultural sectors.

For reference, the various bands of consumers for manufacturing firms classified by the amount of fuel purchased in a year are shown in the table below:

	Small	Medium	Large¹	Extra Large
Heavy Fuel Oil (tonnes)	< 490	490 - 4,900	> 4,900	
Electricity (MWh)	< 880	880 - 8,800	8,800 - 150,000	>150,000
Gas (MWh)	< 1,500	1,500 - 8,800	> 8,800	

1. Large is 'Moderately Large' for Electricity

Chart 3.4 Manufacturing industry price change between Q4 2020 and Q4 2021 (provisional) by size of consumer ⁽¹⁾



(1) Percentage price movement between Q3 2020 and Q3 2021 for heavy fuel oil (HFO), electricity and gas, in cash terms excluding Climate Change Levy (CCL)

References and link to tables:

[Table 3.1.1: Quarterly prices of fuels purchased by manufacturing industry \(original units\)](#)

[Table 3.1.2: Quarterly prices of fuels purchased by manufacturing industry \(p/kWh\)](#)

[Table 3.1.3: Annual prices of fuels purchased by manufacturing industry \(original units\)](#)

[Table 3.1.4: Annual prices of fuels purchased by manufacturing industry \(p/kWh\)](#)

Compared to the previous year, **heavy fuel oil** consumers in the manufacturing industry in Q4 2021 have seen an average price **increase of 35 per cent** in cash terms.

Over the same period, the average price paid by **electricity** consumers in the manufacturing industry, in cash terms excluding CCL, **increased by 60 per cent**. There has been an increase across all consumer bands.

Compared to the previous year, in Q4 2021, the average price for **gas** consumers in the manufacturing industry, in cash terms excluding CCL, **increased by 147 per cent**. This is driven by increases in all consumer bands.

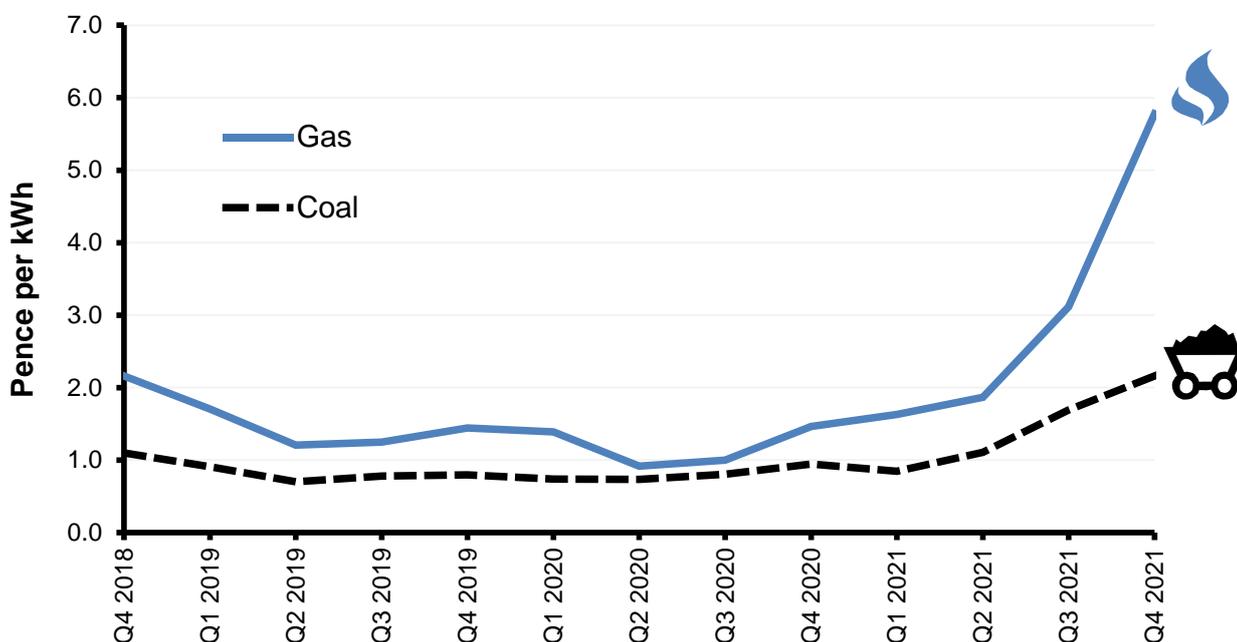
Average prices of fuels purchased by the major UK power producers

Major Power Producers are another distinct entity within 'Non-Domestic', it covers companies that use fuels such as natural gas and coal to produce electricity.

Average purchase costs of fuels (presented in common units) used to generate electricity are recorded in Table 3.2.1.

Please note: These figures present the fuel input costs, however comparing the different input costs between fuels does not explain the full costs involved in generation. Total generation costs are also affected by other costs, including transportation and the efficiency with which fuels are converted into electricity in different types of power station.

Chart 3.3 Price paid by UK power producers for coal and natural gas - quarterly



Reference and link to tables:

[Table 3.2.1: Average price of fuels purchased by the major UK power producers](#)

Between Q4 2020 and Q4 2021 the price of **coal** in cash terms for power stations **rose by 129 per cent** and was **up by 28 per cent on the previous quarter** to 2.2 pence per kWh.

The **gas** price in Q4 2021 was **almost four times (an increase of 294 per cent)** the price in Q4 2020 and was **85 per cent higher** than the previous quarter, at 5.8 pence per kWh.

As shown in Chart 3.3, in Q4 2021 the price of gas, in pence per kWh, was almost three times the (an increase of 167 per cent) price of coal leading to a price gap in cash terms of 3.6 pence per kWh, the largest in the observed timeseries²⁰.

²⁰ The natural gas data series extends from 1993 to date.

Oil and Petroleum Product Prices

This section presents information on oil and petroleum products prices paid in the United Kingdom. The petroleum products referred to in this section are unleaded petrol, diesel, burning oil and gas oil.

Diesel and unleaded petrol are referred to as **road fuels**. Together these account for the majority of fuels used in the transport sector with aviation fuel, biofuels and some gas oil making up the remainder.

This section focuses on the average 'forecourt' or 'pump' prices for unleaded petrol and diesel. Other derivatives of oil products are presented as their average wholesale prices.

All underlying petroleum and oil data and other related publications can be found on GOV.UK here: gov.uk/government/collections/road-fuel-and-other-petroleum-product-prices

In addition to the summary in this publication, average road fuel prices are also published in the **Weekly Road Fuel Prices** publication and are available at:

gov.uk/government/statistical-data-sets/oil-and-petroleum-products-weekly-statistics

Also, experimental statistics on **Average Weekly Road Fuels Sales and Stock Levels at Forecourts** are available at gov.uk/government/statistics/oil-and-oil-products-section-3-energy-trends

Crude oil prices

Movements in the price of crude oil can affect the prices of the various refined petroleum products and therefore impact on the domestic and industrial fuels.

Over the years, several factors have affected the prices of crude oil, for example: oil shortages (1973), over-supply and weak demand (1998), hurricanes (2005), the global recession (2008-9), geopolitical tensions (2008 onwards) and more recently the Coronavirus pandemic effects (2020 onwards) on global demands.

Crude oil is the raw material processed at refineries to produce various petroleum products. They vary in colour, composition and consistency. The economic value of crude oil increases as its API gravity (a measure of its density) increases and its sulphur content decreases.

Chart 4.1 Monthly index⁽¹⁾ of crude oil prices acquired at refineries



The index represents the monthly average price paid by refineries, calculated in pound Sterling on a cost, insurance, freight (cif) basis. Reference and link to tables:

[Table 4.1.1: Typical monthly retail prices of petroleum products and a crude oil index](#)

Chart 4.1 shows the price indices of crude oil acquired by UK refineries over the past five years.

Since March 2020, demand has been affected by the Coronavirus pandemic which has also driven prices down, reaching a low in April 2020 before steadily rising throughout 2021 with a sharp uptick in early 2022 as volatility reflecting geopolitical events and the Russia-Ukraine conflict effecting global markets.

The latest available crude oil price index is for March 2022, the price index was **almost double (99 per cent higher)** than that of a year ago. Crude oil prices are now **17 per cent higher** than in March 2012, which was previously the highest level recorded in our series (which started in 1991).

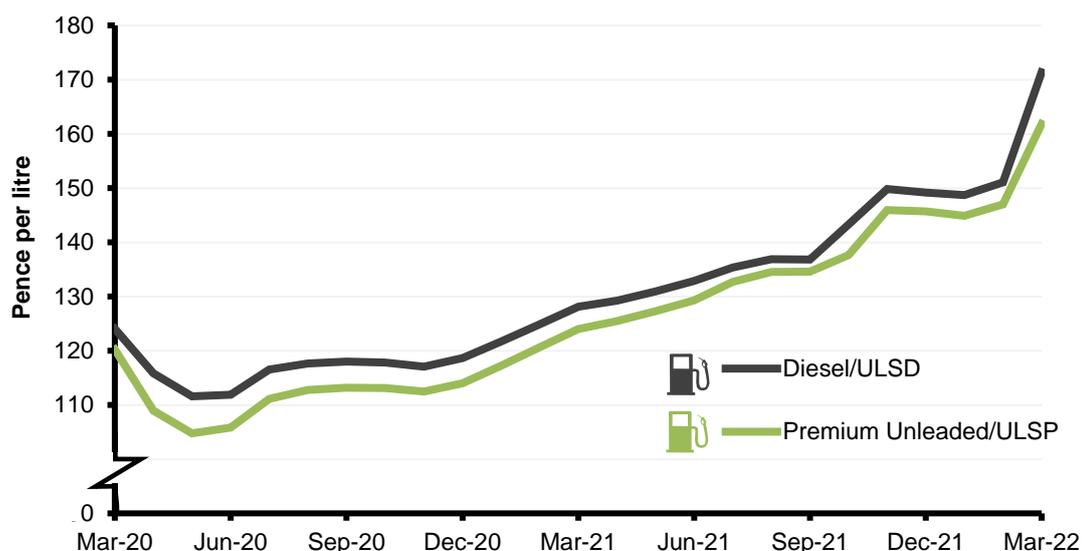
Retail prices of petroleum products

Prices of **unleaded petrol (ULSP)** and **diesel (ULSD)** are at their highest level in the recorded series. Pump prices reflect a range of factors include the wholesale price of crude oil, delivery and distribution costs, duty, VAT, environmental levies and retail margins.

ULSP Ultra-Low-Sulphur Petrol. This is the specific grade of petrol that is commonly used on forecourts across the UK. It is the standard for petrol used when referring to 'unleaded petrol' in this release.

ULSD Ultra-Low-Sulphur Diesel. This is the grade of diesel product used on forecourts in the UK. Wherever **DERV** or **Diesel-Engine Road Vehicles** is used in this release, it is referred to this standard for diesel.

Chart 4.2 Average retail prices of road fuels, monthly



Reference and link to tables:

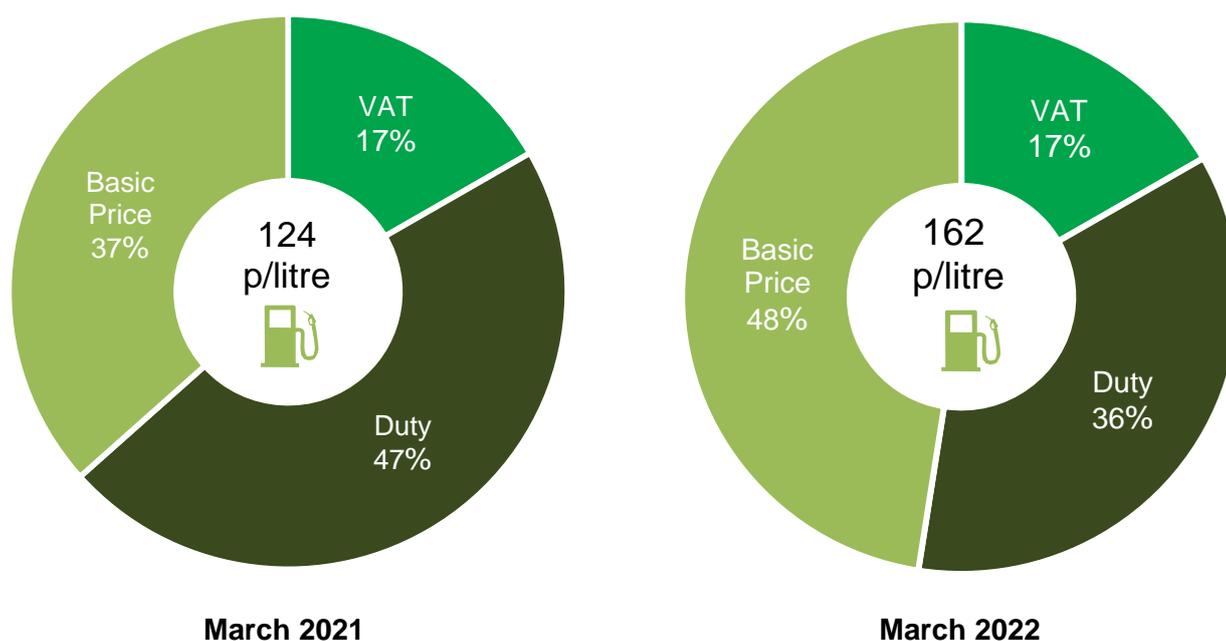
[Table 4.1.1: Typical monthly retail prices of petroleum products and a crude oil index](#)

Prices of petroleum products, including road fuels, are presented in [Tables 4.1.1 to 4.1.3](#).

Chart 4.2 shows that, in mid-March 2022, a litre of **ULSP** was on average **162 pence per litre**. This was an **11 per cent rise** from mid-December 2021. The **ULSD** price was **171 pence per litre**. This was a **15 per cent rise** from mid-December 2021. In March 2022, diesel was **9.5 pence per litre** higher than unleaded petrol.

Comparing prices to the prices seen in the previous year; prices in March 2022 for **unleaded petrol** were **42 per cent higher** and **diesel** was **44 per cent higher** than prices in March 2021.

Chart 4.3 Component price of unleaded petrol, March 2021 and March 2022



Basic price is the price excluding VAT and duty

Reference and link to tables:

[Table 4.1.1: Typical monthly retail prices of petroleum products and a crude oil index](#)

Prices of petroleum products are also affected by duty rate changes and by changes in the general rate of VAT. Duty for road fuels since 23 March 2011 had been 57.95 pence, though on 23 March 2022 duty was reduced to 52.95 pence. This doesn't affect the data presented in this report, as this data relates to mid-month price data (Monday 14th March 2022), though will affect future issues.

Chart 4.3 shows the components of the retail price of petrol in March 2021 and March 2022. In March 2022, the basic price of petrol was **77 pence per litre**, duty was at **58 pence per litre**, and VAT at 20 per cent of basic price plus duty was **27 pence per litre**.

The basic price made up **48 per cent** of the total price in March 2022, this is up from **37 per cent** in December 2020. Duty made up **36 per cent** in March 2022 which was down from **47 per cent** in the same month in the previous year.

Comparisons of the UK petrol and diesel prices with other countries, including the relative proportions of taxes and levies to basic price, can be found in the International Price Comparisons section below.

International Price Comparisons

This section compares prices data for the United Kingdom with the European Union and the International Energy Association (IEA).

The Department provides the IEA with UK data throughout the year and data from other countries are used in this report to make consistent comparisons to highlight relative competitiveness.

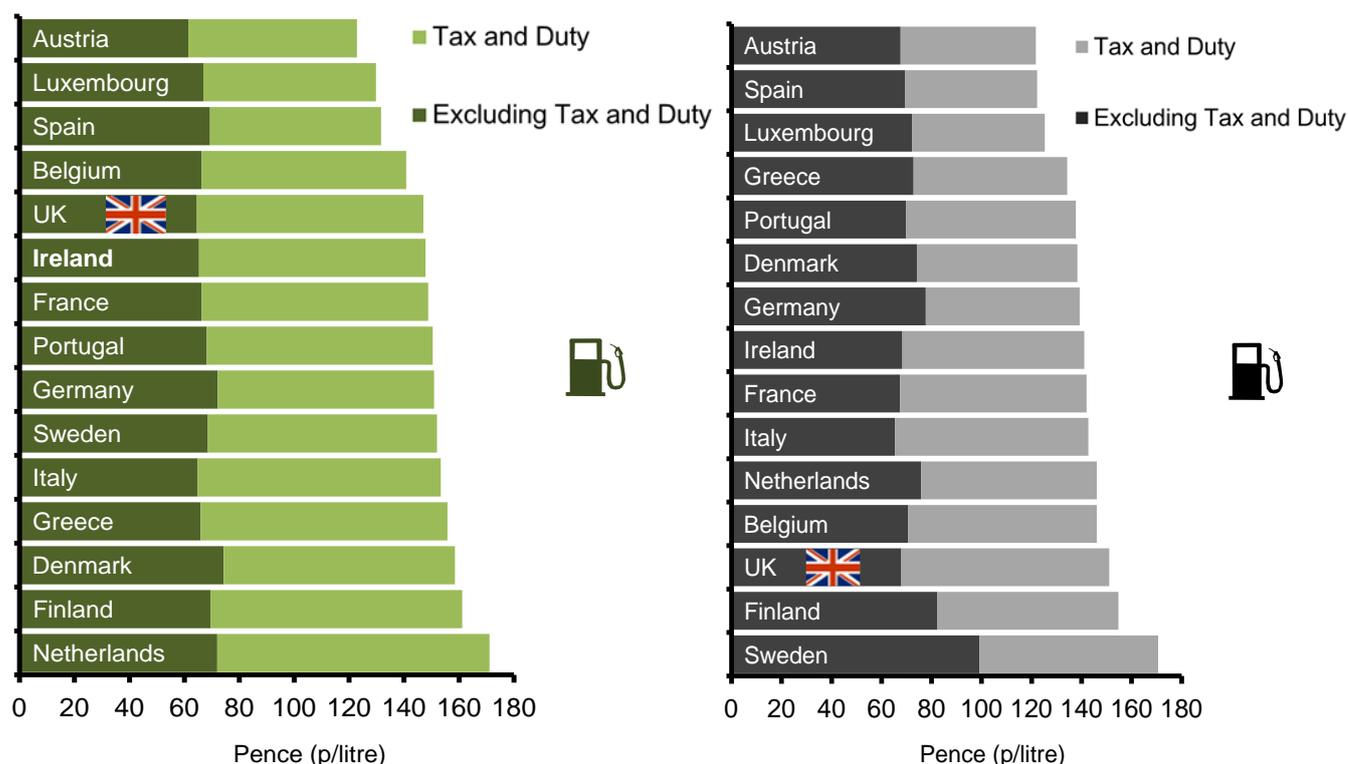
International Data all the underlying international comparisons data and related publications can be found on GOV.UK here: www.gov.uk/government/collections/international-energy-price-comparisons

International prices vary due to many reasons including differences in indigenous resources and market structures, global issues, varying exchange rates and inflation rates.

Unleaded petrol and diesel prices

Chart 5.1 shows that in **February 2022** the **average UK unleaded petrol price**, including tax and duty, was **fifth lowest** in the EU14 plus UK group at **147 pence per litre**. **Average UK diesel price**, including tax and duty was the **third highest** in the EU14 plus UK group at **171 pence per litre**.

Charts 5.1 & 5.2 Premium unleaded petrol prices and diesel prices, February 2022



Source: European Commission Oil Bulletin
 Reference and link to tables:
[Table 5.1.1 and 5.2.1: Premium unleaded petrol prices in the EU](#)

When presented in a common currency basis, the lowest price for unleaded was in Austria at **123 pence per litre** while the highest price was in the Netherlands at **171 pence per litre**.

Industrial electricity and gas prices

Prices for electricity and gas in this section and the related tables vary depending on the period covered (Eurostat generally provides data based on a 6-monthly basis but tables also provide annual estimates) and on the consumption level (by band size or an overall average).

Comparisons with other IEA Countries

Comparisons with other IEA Countries are updated every September. The most recent details can be found in the September 2021 QEP publication found at <https://www.gov.uk/government/statistics/quarterly-energy-prices-september-2021>.

Comparisons with EU Countries

Eurostat EU27 tables have more timely data on 6-monthly ('semester') basis and reflect changes on a shorter timescale. This data can be found on the Eurostat website, published under the Energy section of the [Eurostat's Energy & Environment theme within the Europa database](#).

The most recent comparisons with EU countries are detailed in the December 2021 QEP publication found at <https://www.gov.uk/government/statistics/quarterly-energy-prices-december-2021>.

Timetable and data tables

Update Timetable

Below are the update timetables for the four key areas covered in the Quarterly Energy Prices release. These underlying tables are published at various times of the year and sometimes outside of a quarterly National Statistics publication (which are published March, June, September and December each year).

Domestic Tables

Tables for the [Domestic energy prices](#) area:

Topic	Area	Freq.	No.	Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Domestic Energy Prices	Domestic energy price indices	Monthly	2.1.1	Consumer prices index: fuel components													
		Monthly	2.1.2	Consumer prices index: fuel components, relative to GDP deflator													
		Monthly	2.1.3	Consumer prices index: fuel components, monthly figures													
	Domestic Energy Bills Electricity	Annual	2.2.1	Average annual domestic electricity bills by home and non-home supplier			R										
		Annual	2.2.2	Average annual domestic electricity bills for UK countries			R										
		Annual	2.2.3	Average annual domestic standard electricity bills in 2017 for UK regions with average unit costs			R										
		Annual	2.2.4	Average variable unit costs and fixed costs for electricity for UK regions			R										
		Annual	2.2.5	Average annual domestic electricity bills by various consumption levels								R					
	Domestic Energy Bills Gas	Annual	2.3.1	Average annual domestic gas bills by home and non-home supplier			R										
		Annual	2.3.2	Average annual domestic gas bills for GB countries			R										
		Annual	2.3.3	Average annual domestic gas bills for GB regions with average unit costs			R										
		Annual	2.3.4	Average variable unit costs and fixed costs for gas for GB regions			R										
		Annual	2.3.5	Average annual domestic gas bills by various consumption levels								R					
	Customer numbers Electricity	Quarterly	2.4.1	Percentage of domestic electricity customers by region and supplier type													
		Quarterly	2.4.2	Regional variation of payment method for standard electricity													
		Quarterly	2.4.3	Regional variation of payment method for Economy 7 electricity													
	Customer numbers Gas	Quarterly	2.5.1	Percentage of domestic gas customers by region and supplier type													
		Quarterly	2.5.2	Regional variation of payment method for gas													
	Household Data	Annual	2.6.1	Total household expenditure on energy													
		Annual	2.6.2	Average expenditure each week on fuel per consuming household													
	Switch	Quarterly	2.7.1	Domestic energy switching statistics													

Industrial Tables

Tables for the [Industrial energy prices](#) area:

Industrial Energy Prices	Manufacturing Industry	Quarterly	3.1.1	Prices of fuels purchased by manufacturing industry in Great Britain (original units)														
		Quarterly	3.1.2	Prices of fuels purchased by manufacturing industry in Great Britain (p/kWh)														
		Annual	3.1.3	Annual Prices of fuels purchased by manufacturing industry in Great Britain (original units)						R								
		Annual	3.1.4	Annual Prices of fuels purchased by manufacturing industry in Great Britain (p/kWh)						R								
	Power Producers	Quarterly	3.2.1	Average prices of fuels purchased by the major UK power producers														
	Industrial energy price indices	Quarterly	3.3.1	Fuel price indices for the industrial sector in current terms excluding the Climate Change Levy														
		Quarterly	3.3.2	Fuel price indices for the industrial sector in current terms including the Climate Change Levy														
	Industrial Energy Bills	Quarterly	3.4.1	Prices of fuels purchased by non-domestic consumers in the UK excluding the Climate Change Levy														
		Quarterly	3.4.2	Prices of fuels purchased by non-domestic consumers in the UK including the Climate Change Levy														

Fuel Tables

Tables for the [Road fuel prices](#) area:

Topic	Area	Freq.	No.	Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Fuel Prices	Road Fuels and Petroleum Products	Monthly	4.1.1	Typical retail prices of petroleum products and a crude oil price index													
		Annual	4.1.2	Average annual retail prices of petroleum products and a crude oil price index	R												
		Annual	4.1.3	January prices of road fuels and petroleum products		R											

International Tables

Tables for the [International energy price comparisons](#) area:

International Prices	ULSP EU	Monthly	5.1.1	International road fuel prices Premium unleaded petrol prices in the EU													
	ULSD EU	Monthly	5.2.1	International road fuel prices Diesel prices in the EU													
	Ind. IEA Elec	Biannual	5.3.1	Industrial electricity prices in the IEA													
	Industrial Prices EU Electricity	Biannual	5.4.1	Industrial electricity prices in the EU for small consumers (both excluding and including tax)													
		Biannual	5.4.2	Industrial electricity prices in the EU for medium consumers (both excluding and including tax)													
		Biannual	5.4.3	Industrial electricity prices in the EU for large consumers (both excluding and including tax)													
		Biannual	5.4.4	Industrial electricity prices in the EU for extra-large consumers (both excluding and including tax)													
	Dom. IEA Elec	Biannual	5.5.1	Domestic electricity prices in the IEA													
	Domestic Prices EU Electricity	Biannual	5.6.1	Domestic electricity prices in the EU for small consumers (both excluding and including tax)													
		Biannual	5.6.2	Domestic electricity prices in the EU for medium consumers (both excluding and including tax)													
		Biannual	5.6.3	Domestic electricity prices in the EU for large consumers (both excluding and including tax)													
	Ind. IEA Gas	Biannual	5.7.1	Industrial gas prices in the IEA													
	Industrial Prices EU Gas	Biannual	5.8.1	Industrial gas prices in the EU for small consumers (both excluding and including tax)													
		Biannual	5.8.2	Industrial gas prices in the EU for medium consumers (both excluding and including tax)													
Biannual		5.8.3	Industrial gas prices in the EU for large consumers (both excluding and including tax)														
Dom IEA Gas	Biannual	5.9.1	Domestic gas prices in the IEA														
Domestic Prices EU Gas	Biannual	5.10.1	Domestic gas prices in the EU for small consumers (both excluding and including tax)														
	Biannual	5.10.2	Domestic gas prices in the EU for medium consumers (both excluding and including tax)														
	Biannual	5.10.3	Domestic gas prices in the EU for large consumers (both excluding and including tax)														

Key:

The colours on the timetable indicate the frequency and status of the data series:

	Annual
	Biannual
	Quarterly
	Monthly
R	Scheduled Revision

Technical information

Information in this publication is sourced from various surveys of the energy industry conducted by the Energy Prices Analysis team in the Department for Business, Energy and Industrial Strategy (BEIS).

- The domestic bills information is collected as part of the Domestic Fuels Inquiry which surveys key energy suppliers to provide a representative sample of the market.
- The majority of the non-domestic data are sourced from the Quarterly Fuels Inquiry return, run by ONS on behalf of BEIS. Data is also sourced from Ofgem, the ONS and other BEIS surveys.
- International comparisons data are sourced from the International Energy Association and European Union and include UK data collected using the same definitions and standards

Data presented in the tables are in cash terms unless noted otherwise. Real terms data are those from which the effects of inflation, as measured by the Gross Domestic Product (GDP) market prices deflator, have been removed. The [GDP deflator](#) provides an index of inflation for the whole economy and is applicable to domestic and industrial prices.

Further information on the data sources, processing methods, uses of and quality assurance of the data can be found in the associated Methodology documents:

[Domestic energy prices: data sources and methodology](#)

[Industrial price statistics: data sources and methodologies](#)

[International comparisons: data sources and methodologies](#)

[Road fuel price statistics: data sources and methodologies](#)

From March 2020, bills data have been presented with fixed annual consumption levels of 13,600 kWh for gas and 3,600 kWh for standard electricity (5,100 kWh for Economy 7 electricity) to allow comparisons over time of **actual price** changes, keeping change in consumption constant.

The new consumption levels were calculated using the [same methodology](#) as previously used in 2014. This takes weather adjusted consumption data for the United Kingdom from the [Digest of UK Energy Statistics \(DUKES\)](#) and calculates an average from this using customer numbers from the [Energy Consumption in the UK \(ECUK\)](#) publication.

Revisions policy

The [BEIS 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](#).

Related publications

Energy Trends

Energy Trends contains quarterly data on production and consumption of overall energy and of the individual fuels in the United Kingdom. Also includes data on foreign trade in fuels.

www.gov.uk/government/collections/energy-trends

Digest of UK Energy Statistics (DUKES)

Also available from The Stationery Office and can be ordered through Government Bookshops. 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 taken back to 1970.

www.gov.uk/government/collections/digest-of-uk-energy-statistics-dukes

UK Energy in Brief

An annual publication summarising the latest statistics on energy production, consumption and prices in the United Kingdom. The figures are taken from the 'Digest of UK Energy Statistics'. Available at: www.gov.uk/government/collections/uk-energy-in-brief

Fuel Poverty Statistics

An annual publication outlining the number of households living in fuel poverty in England, with additional analysis of the composition of the fuel poor group and future projections of the number of households in fuel poverty. Available at:

www.gov.uk/government/collections/fuel-poverty-statistics

Sub-National Energy Consumption Statistics

Sub-National data are produced by BEIS to emphasise the importance of local and regional decision making for energy policy in delivering several national energy policy objectives. Data is available here:

<https://www.gov.uk/government/publications/regional-energy-data-guidance-note>

National Energy Efficiency Data-framework (NEED)

BEIS has constructed a National Energy Efficiency Data-framework (NEED) to enable detailed statistical analysis of energy efficiency. The data framework matches the gas and electricity consumption data collected for BEIS sub-national energy consumption statistics and records of energy efficiency measures in the Home Energy Efficiency Database (HEED) run by the Energy Saving Trust (EST), as well as typographic data about dwellings and households.

www.gov.uk/government/collections/national-energy-efficiency-data-need-framework

Household Energy Efficiency

BEIS publishes a range of information relating to the Energy Company Obligation (ECO) and Green Deal (GD). The headline release presents monthly updates of ECO measures and quarterly updates of in-depth ECO statistics, carbon savings and the Green Deal schemes. The detailed report presents annual updates on in-depth Green Deal statistics and insulation levels. Data is available at:

www.gov.uk/government/collections/household-energy-efficiency-national-statistics

UK Greenhouse Gas Emissions Statistics

Emissions data are produced by BEIS to show progress against the UK's goals, both international and domestic, for reducing greenhouse gas emissions.

www.gov.uk/government/collections/uk-greenhouse-gas-emissions-statistics

UK Energy and CO2 emissions projections

The Updated Energy Projections (UEP) are published annually by BEIS. They provide updated projections and analysis of energy use and carbon dioxide emissions in the UK. The UEP exercise incorporates all firm environmental policy measures and is based on updated assumptions consistent with the most recent UK Budget announcements. The latest report is available at: www.gov.uk/government/collections/energy-and-emissions-projections

Policy publications

The Department for Business, Energy and Industrial Strategy is responsible for business, industrial strategy, science, research & innovation, energy and clean growth and climate change.

The policy that the department works on and the associated documentation can be found on the GOV.UK site [here](#).

The energy statistics section is here:

www.gov.uk/government/organisations/department-for-business-energy-and-industrial-strategy/about/statistics

The Energy White Paper

On 14 December 2020, the Energy White Paper was published, setting out how the UK will clean up its energy system and reach net zero emissions by 2050. This is available at:

<https://www.gov.uk/government/publications/energy-white-paper-powering-our-net-zero-future>

Further information

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 and the academic community to monitor trends in the prices market.

The department has an obligation to provide processed data to the [International Energy Association \(IEA\)](#). 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 their needs.

Comments on any issues relating to this statistical release are welcomed, please direct any suggestions about changes to the content or scope of this publication to the energyprices.stats@beis.gov.uk mailbox.

The BEIS 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](#).

National Statistics designation

National Statistics status means that our statistics meet the highest standards of trustworthiness, quality and public value, and it is our responsibility to maintain compliance with these standards.

Information in this release undergoes the level of quality checks expected of a [National Statistics](#) release. The full detail of the measure we take are in the associated [methodology documents](#).

The continued designation of these statistics as National Statistics was confirmed in September 2018 following a [compliance check](#) by the Office for Statistics Regulation. The statistics last underwent a [full assessment](#) against the [Code of Practice for Statistics](#) in June 2014.

Pre-release access to statistics

Some ministers and officials receive access to some key figures within 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 [BEIS statement of compliance](#) with the Pre-Release Access to Official Statistics Order 2008.

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More information on BEIS energy publications is available on the BEIS website:
www.gov.uk/government/organisations/department-for-business-energy-and-industrial-strategy/about/statistics



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This publication is available from: <https://www.gov.uk/government/collections/energy-trends>

If you need a version of this document in a more accessible format, please email energy.statistics@beis.gov.uk

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