

Statistical release

The latest provisional monthly energy production, trade, consumption and prices statistics produced by the Department for Energy Security and Net Zero were released on 31 August 2023.

Energy production, trade and consumption statistics are provided in total and by fuel and provide an analysis of the latest 3 months data compared to the same period a year earlier. Energy price statistics cover domestic price indices, prices of road fuels and petroleum products and comparisons of international road fuel prices.

Energy production, trade and consumption

Highlights for the 3-month period April to June 2023, compared to the same period a year earlier include:

- **Primary energy consumption in the UK on a fuel input basis fell by 6.3%, with higher energy and other prices a key factor in reduced consumption levels. On a temperature adjusted basis consumption fell by 7.2%. ([table ET 1.2](#))**
- **Indigenous energy production fell by 10%, due to falls in all fuels except bioenergy and solar. ([table ET 1.1](#))**
- **Electricity generation by Major Power Producers down 22%, with coal down 47%, gas down 26%, nuclear down 22% and renewables down 15%.* ([table ET 5.4](#))**
- **Gas provided 43.9% of electricity generation by Major Power Producers, with renewables at 35.8%, nuclear at 19.0% and coal at 0.5%.* ([table ET 5.4](#))**
- **Low carbon share of electricity generation by Major Power Producers up 2.7 percentage points at 54.8%, whilst fossil fuel share down 2.8 percentage points at 44.6%.* ([table ET 5.4](#))**

*Major Power Producers (MPPs) data published monthly, all generating companies data published quarterly.

Energy prices

Highlights for August 2023 compared to July 2023:

- **Petrol up 5.1 pence per litre and diesel up 5.8 pence per litre. ([table QEP 4.1.1](#))**

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Data periods and coverage

Statistics on monthly production, trade and consumption of coal, electricity, gas, oil and total energy include data for the UK for the period up to the end of June 2023.

Statistics on average temperatures, heating degree days, wind speeds, sun hours and rainfall include data for the UK for the period up to the end of July 2023.

Statistics on energy prices include retail price data for the UK for July 2023, and petrol & diesel data for August 2023, with EU comparative data for July 2023.

Next release

The next release of provisional monthly energy statistics will take place on Thursday 28 September 2023.

Data tables

To access the data tables associated with this release please click on the relevant subject link(s) below. For further information please use the contact details provided.

Please note that the links below will always direct you to the latest published data tables. If you are interested in historical data tables, please contact DESNZ (kevin.harris@energysecurity.gov.uk).

Subject and table number

Energy production and consumption, and weather data

[Total Energy](#)

ET 1.1

ET 1.2

Contact: [Energy statistics](#), Tel: 0747 135 8194

Indigenous production of primary fuels

Inland energy consumption: primary fuel input basis

[Coal](#)

ET 2.5

ET 2.6

Contact: [Coal statistics](#), Tel: 0774 159 8039

Coal production and foreign trade

Coal consumption and coal stocks

[Oil](#)

ET 3.10

ET 3.11

ET 3.12

ET 3.13

ET 3.14

ET 3.15

Contact: [Oil statistics](#), Tel: 0743 672 9458

Indigenous production, refinery receipts, imports and exports

Stocks of petroleum

Refinery throughput and output of petroleum products

Deliveries of petroleum products for inland consumption

Imports of primary oil and petroleum products by country of origin

Exports of primary oil and petroleum products by country of destination

[Gas](#)

ET 4.2

ET 4.3

ET 4.4

Contact: [Gas statistics](#), Tel: 0775 277 8975

Natural gas production and supply

Natural gas imports and exports

Natural gas imports

[Electricity](#)

ET 5.3

ET 5.4

ET 5.5

Contact: [Electricity statistics](#), Tel: 0776 757 3907

Fuel used in electricity generation by major producers

Electricity production and availability from the public supply system

Availability and consumption of electricity

[Weather](#)

ET 7.1

ET 7.2

ET 7.3

ET 7.4

Contact: [Energy statistics](#), Tel: 0747 135 8194

Average temperatures and heating degree days and deviations from the long-term mean

Average wind speed and deviations from the long-term mean

Average daily sun hours and deviations from the long-term mean

Average monthly rainfall and deviations from the long-term mean

Subject and table number

Energy prices data

Domestic energy price indices

QEP 2.1.3

Contact: [Energy prices statistics](#), Tel: 0787 603 8720

Retail prices index: fuels components monthly figures

Monthly and annual prices of road fuels and petroleum products

QEP 4.1.1

Contact: [Energy prices statistics](#), Tel: 0787 603 8720

Typical retail prices of petroleum products and a crude oil price index (monthly data)

International road fuel prices

QEP 5.1.1

QEP 5.2.1

Contact: [Energy prices statistics](#), Tel: 0787 603 8720

Premium unleaded petrol prices in the EU

Diesel prices in the EU