

Fuel Mix Disclosure Data Table

The information below constitutes the 'fuel mix disclosure data table' as defined in The Electricity (Fuel Mix Disclosure) Regulations 2005. The data are for the disclosure period 01/04/2023 – 31/03/2024.

See related documents for Electricity (Fuel Mix Disclosure) Regulations 2005 issued by The Department for Energy Security and Net Zero and, under 'External Links', guidance from Ofgem about Fuel Mix Disclosure (*).

1. Transmission and distribution loss factor 2023/24 (not to be applied to embedded generation)

1.1050

For 2024/25, as the timing of the current publication in August is after the REGO long stop date we are publishing an indicative estimate to aid with planning.

The **transmission and distribution loss factor for 2024/25** is estimated to be around **1.108**.

In line with continued efforts to provide a better estimate of the final loss factor, this estimate is calculated as a three year average ($[\text{Revised loss factor 2022/23}] + [\text{Revised loss factor 2023/24}] + [\text{Provisional loss factor 2024/25}] / 3$).

We would welcome comments to electricitystatistics@energysecurity.gov.uk.

2. Residual Fuel mix (relevant to Paragraph 10 of the Regulations)

Energy Source	%
Coal	14.7
Natural Gas	67.9
Nuclear	10.6
Renewables	0.2
Other Fuels	6.6

3. Environmental impact (relevant to Paragraph 11 of the Regulations)

Estimated carbon dioxide emissions intensity of UK generation¹

Energy Source	g/kWh
Coal	1046
Natural Gas	375
Nuclear	0
Renewables	0
Other	877
Overall average	171

(1) Data relates only to emissions from UK generators in the operational phase and does not include emissions related to the fuel supply chain, maintenance activities or electricity imports. The period covered is 2023. Data aligns with [table 5.14](#) of the Digest of UK Energy Statistics.

High-level radioactive waste

0.006 g/kWh

4. UK fuel mix in 2023/24 (for comparison, including estimate for imports)

Energy Source	%
Coal	6.3
Natural Gas	35.0
Nuclear	12.7
Renewables	43.2
Other	2.8

(2) The UK fuel mix here is on an electricity supplied basis, including an estimated allocation for imports using the European Attribute Mix. The period covered is April 2023 to March 2024.

(* *Note that under the licences introduced on 1 August 2007, Fuel Mix Disclosure is supply licence condition 21 in place of licence condition 30A quoted in the Guidelines.*