

## 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 01/04/2024 – 31/03/2025.

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 2024/25 (not to be applied to embedded generation)

1.1085

## Estimating the transmission and distribution loss factor for 2025/206

For 2025/26, 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 2025/26** is estimated to be around **1.109**.

In line with continued efforts to provide a better estimate of the final loss factor, this estimate is calculated as a three-year average ( $[\text{Revised loss factor 2023/24}] + [\text{Revised loss factor 2024/25}] + [\text{Provisional loss factor 2025/26}] / 3$ ).

We would welcome comments to [electricitystatistics@energysecurity.gov.uk](mailto:electricitystatistics@energysecurity.gov.uk).

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

Energy Source	%
Coal	14.8
Natural Gas	74.7
Nuclear	3.9
Renewables	0.3
Other Fuels	6.3

Coal’s share of the Residual Fuel mix is higher than coal’s share of electricity generation in Great Britain, in part due to the relatively high proportion of coal in the European Attribute Mix (38 per cent in 2024). This contributes to coal’s share of the Residual Fuel mix via electricity imports.

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

#### Estimated carbon dioxide emissions intensity of UK generation<sup>1,2</sup>

Energy Source	g/kWh
Coal	919
Natural Gas	382
Nuclear	0
Renewables	0
Other	948
Overall average	154

- (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 2024. Data aligns with [table 5.14](#) of the Digest of UK Energy Statistics.
- (2) This table covers all UK electricity supplied, not just the residual.

#### High-level radioactive waste

0.007 g/kWh

### 4. UK fuel mix in 2024/25 (for comparison, including estimate for imports)<sup>3,4</sup>

Energy Source	%
Coal	5.9
Natural Gas	33.3
Nuclear	16.2
Renewables	42.1
Other	2.5

- (3) 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 2024 to March 2025.
- (4) This differs from the UK generation mix published in UK Energy Trends and the Digest of UK Energy Statistics as this table is compiled on an attribute basis in line with the Fuel Mix Disclosure supply licence condition.

(\* ) 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.