Department for Energy Security & Net Zero

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 01/04/2022 – 31/03/2023.

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 2022/23 (not to be applied to embedded generation)**

   1.1049

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

Energy Source	%
Coal	7.0
Natural Gas	73.5
Nuclear	1.7
Renewables	12.2
Other Fuels	5.6

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

Carbon dioxide emissions [1]

Energy Source	g/kWh
Coal	945
Natural Gas	371
Nuclear	0
Renewables	0
Other	795
Overall average	186

[1] Data relates only to generator emissions in the operational phase and does not include emissions related to the fuel supply chain or maintenance activities

High-level radioactive waste

0.007 g/kWh

4. UK fuel mix in 2022/23 (for comparison)

Energy Source	%
Coal	3.4
Natural Gas	39.3
Nuclear	13.9
Renewables	40.8
Other	2.6

(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 2022 to March 2023.

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