

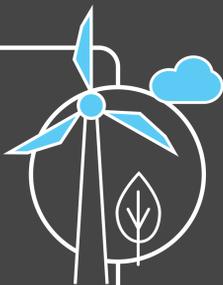
Britain's Electricity Explained: January 2024

ESO



Gas	35.7%
Wind	33.3%
Nuclear	9%
Biomass	6.2%
Coal	1.7%
Solar	1.6%
Imports	9.2%
Hydro	2.4%
Storage	0.9%

Zero carbon



47% of electricity came from zero carbon sources
83% peak zero carbon share

Carbon intensity



166 gCO₂/kWh average  Greenest time of the month
 9:30pm on 1 January

Coal



1.7% use this month
 This time **5 years ago** coal usage was **6.3%**
25 consecutive coal free hours

Imports & exports



Demand



27TWh run through network (that's 27 billion washing machine cycles).
 Peak demand time was 5:30pm on 15 January.

View in real-time



To view our data in real-time, please download the ESO app for Apple or Android.
 Or visit carbonintensity.org.uk