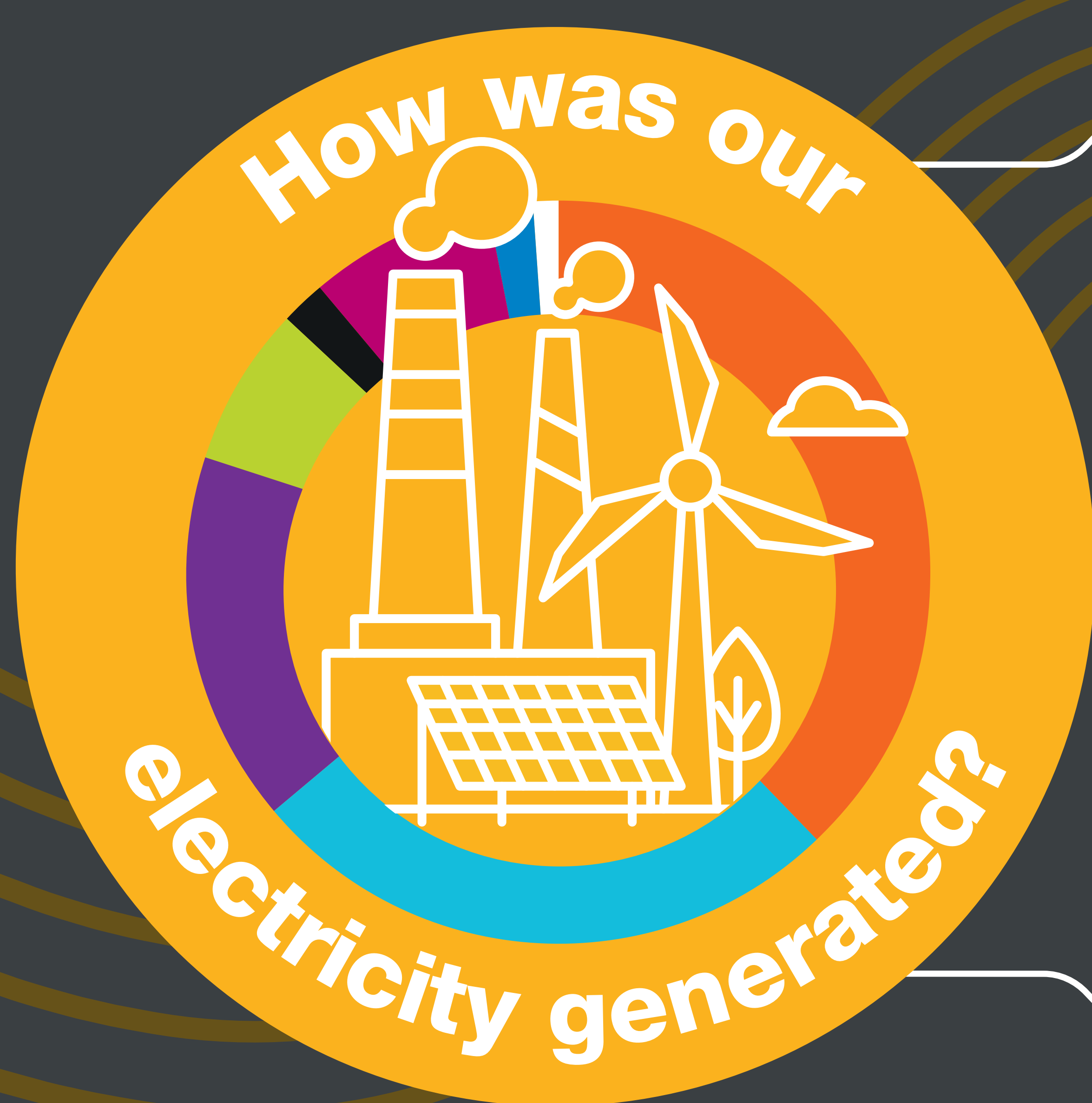


Britain's Electricity Explained: December 2021

nationalgridESO



Gas	38%
Wind	26%
Nuclear	16%
Biomass	7%
Coal	2%
Solar	0%
Imports	8%
Hydro	2%
Storage	1%

Zero carbon



45% of electricity came from zero carbon sources
82.7% peak zero carbon share

Carbon intensity



195 gCO₂/kWh average  Greenest time of the month
 04.00am on 30th December

Coal



2% use this month
 This time **5 years ago** coal usage was **11%**
235 consecutive coal free hours

Imports & exports

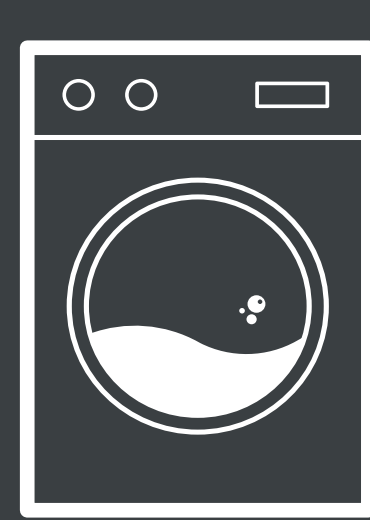


Energy in
4258
GWh



Energy out
1138
GWh

Demand



25 TWh run through network (that's 25 billion washing machine cycles).
 Peak demand time was 5.00pm on 2nd December.

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