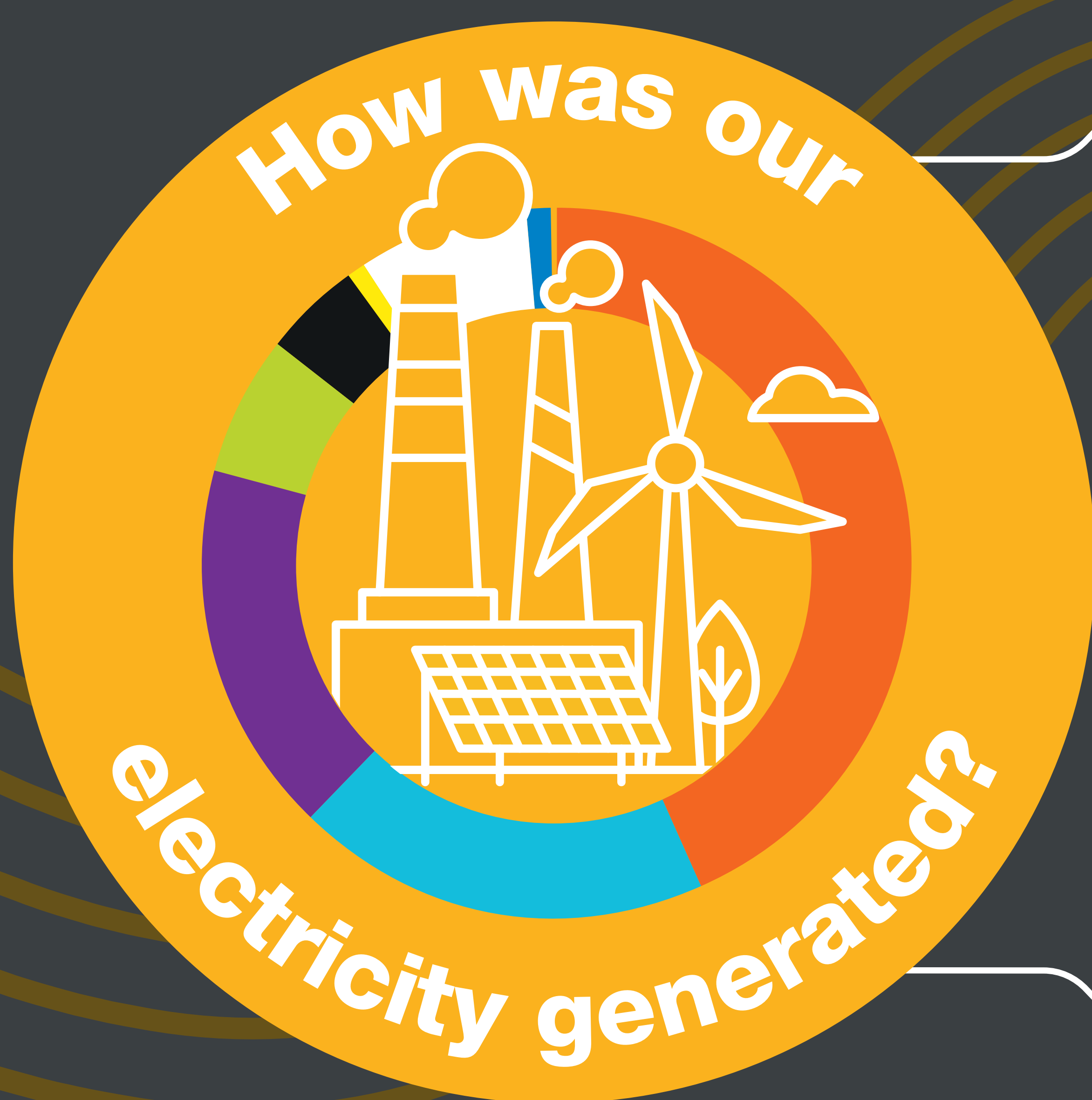


Britain's Electricity Explained: January 2021

nationalgridESO



Gas	43.34%
Wind	19.16%
Nuclear	16.8%
Biomass	6.28%
Coal	4.62%
Solar	0.77%
Imports	7.89%
Hydro	1.15%

Zero carbon



40.6% of electricity came from zero carbon sources
75.06% peak zero carbon share

Carbon intensity



219 gCO₂/kWh average



Greenest time of the month
 3.30am on 17th January

Coal



4.62% use this month

This time **5 years ago** coal usage was **7.06%**

Imports & exports

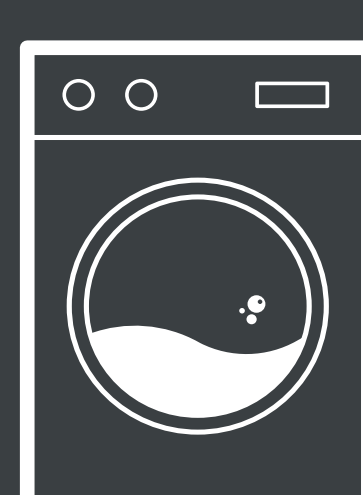


Energy in
4001.99
GWh



Energy out
339.47
GWh

Demand



22890 GWh run through network (that's 23 billion washing machines all on at once).

Peak demand time was 17.30pm on 4th 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