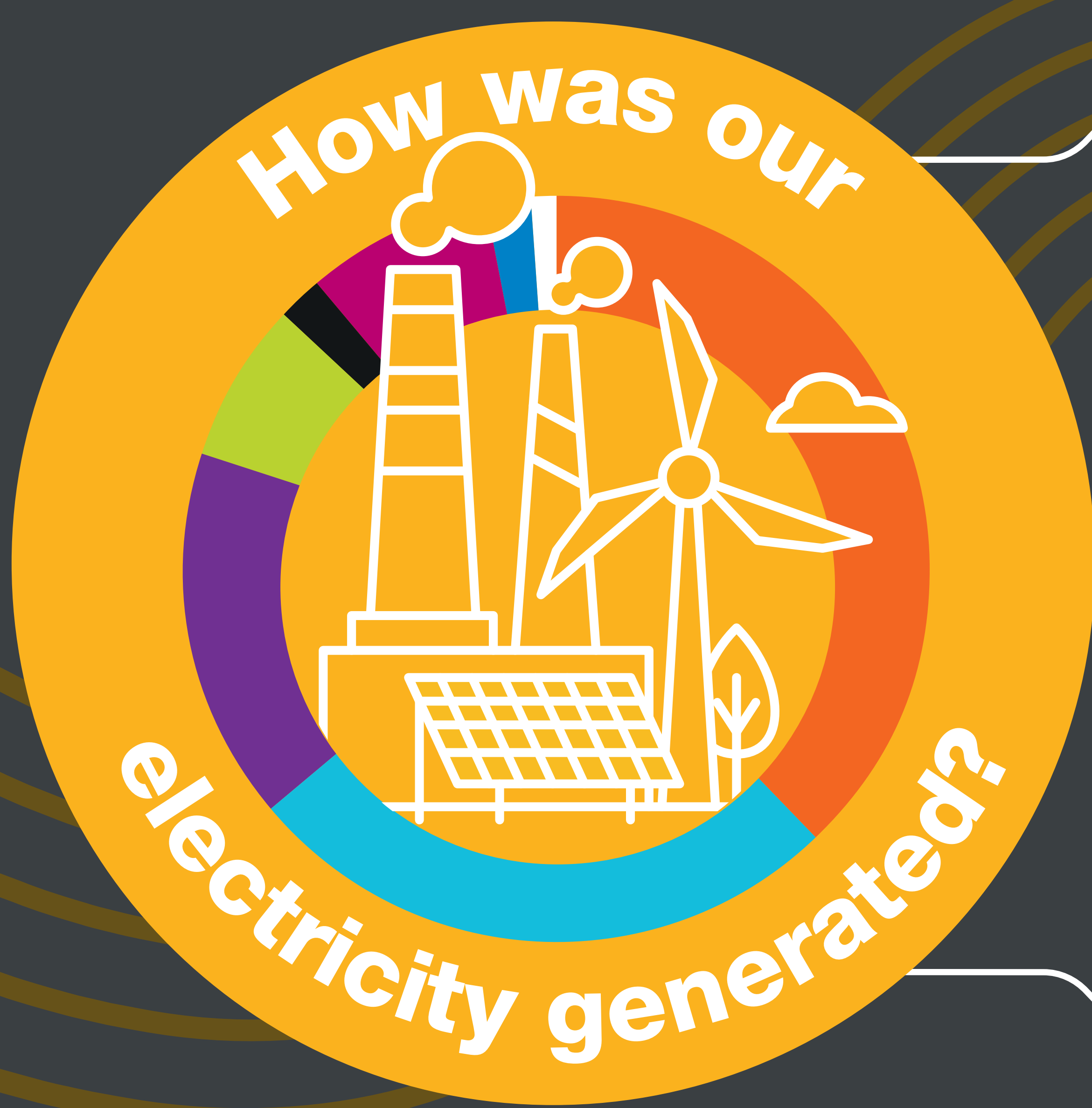


Britain's Electricity Explained: January 2022

nationalgridESO



Gas	37.4%
Wind	27.5%
Nuclear	14.8%
Biomass	6.2%
Coal	2.0%
Solar	1.3%
Imports	7.8%
Hydro	2.1%
Storage	0.7%

Zero carbon



47% of electricity came from zero carbon sources
84.3% peak zero carbon share

Carbon intensity



184 gCO₂/kWh average  Greenest time of the month
 05:00am on 3rd January

Coal



2% use this month
 This time **5 years ago** coal usage was **15.7%**
265 coal free hours

Imports & exports

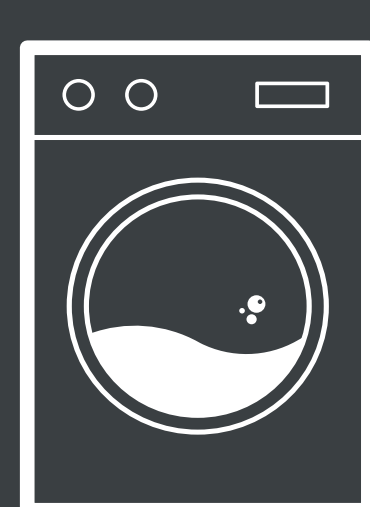


Energy in
4304 GWh



Energy out
1066 GWh

Demand



27 TWh run through network (that's 27 billion washing machine cycles).
 Peak demand time was 5.00pm on 20th 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