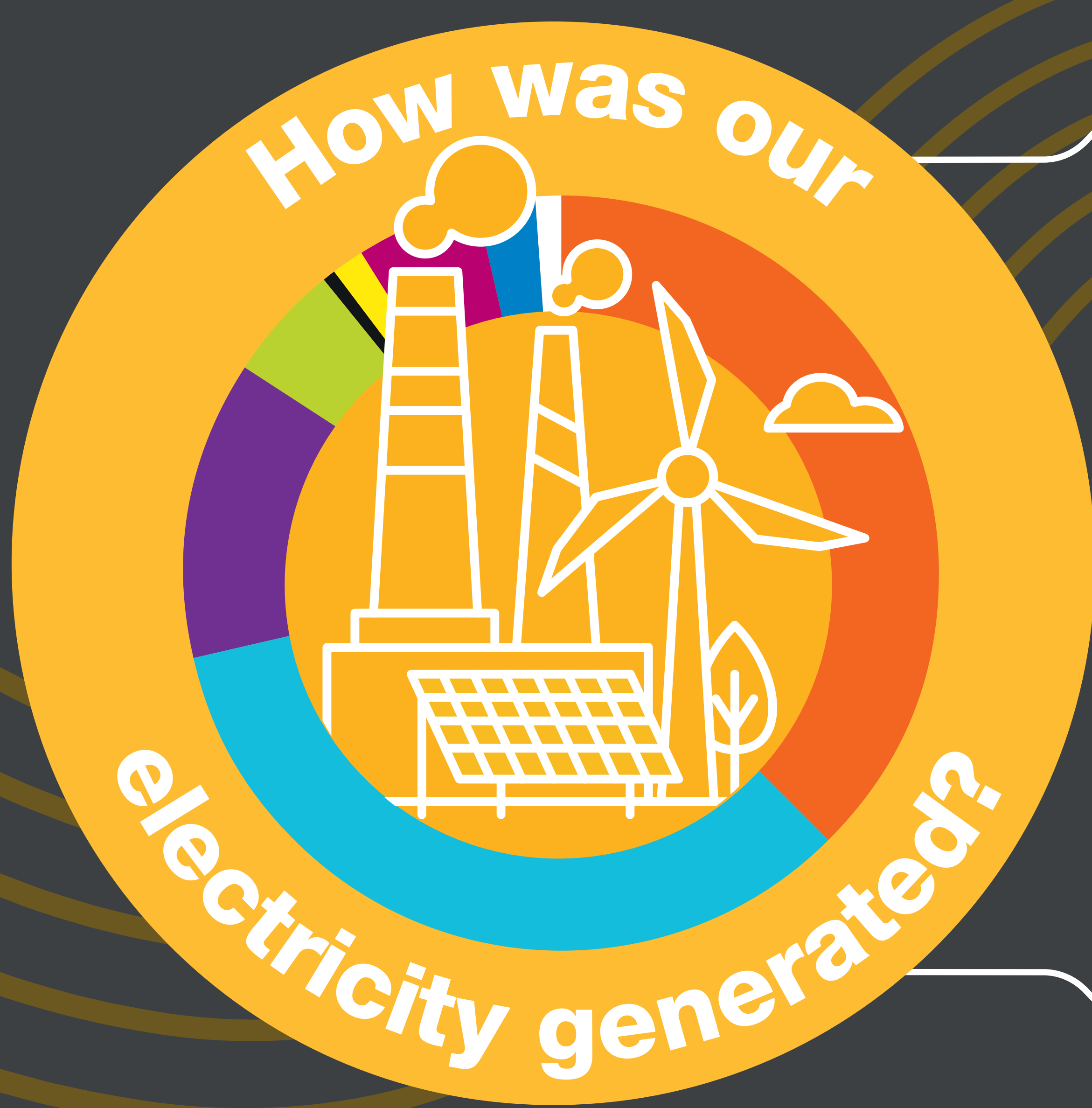


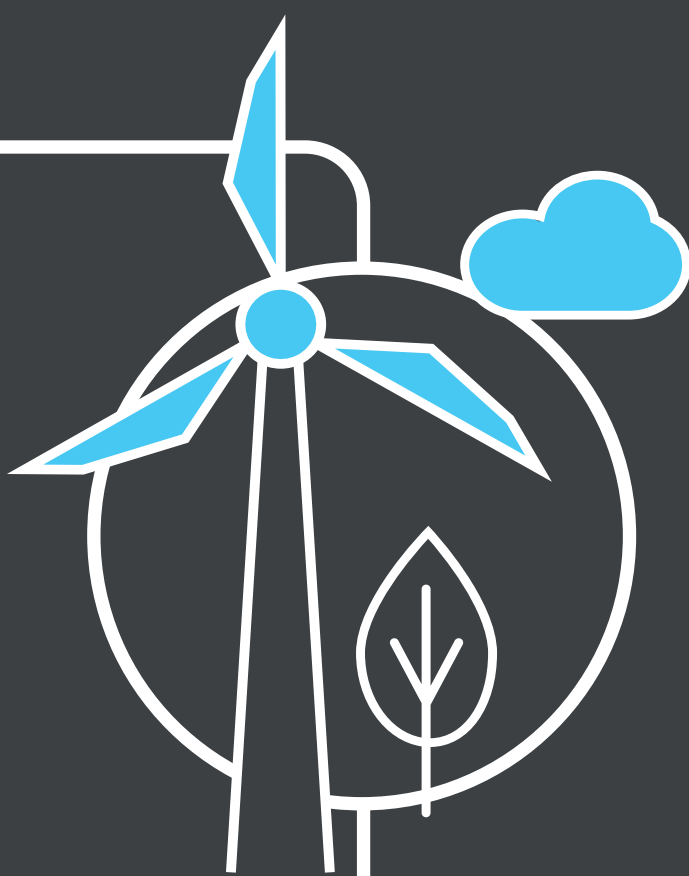
# Britain's Electricity Explained: January 2023

## ESO



● Gas	27.5%
● Wind	36.4%
● Nuclear	14.1%
● Biomass	4.4%
● Coal	1.8%
● Solar	1.4%
● Imports	10.7%
● Hydro	2.7%
● Storage	0.8%

### Zero carbon



**56%** of electricity came from zero carbon sources  
**87%** peak zero carbon share

### Carbon intensity



**143** gCO<sub>2</sub>/kWh average  Greenest time of the month  
 1:30am on 31 January

### Coal

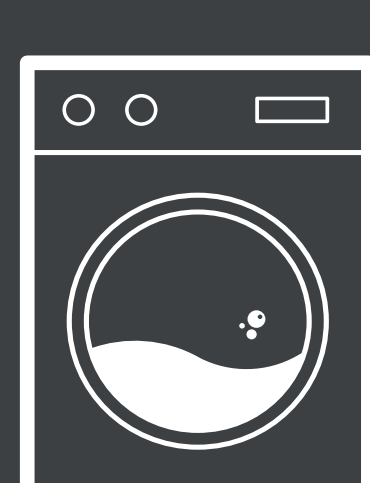


**1.8%** use this month  
 This time **5 years ago** coal usage was **5.2%**  
**18** consecutive coal free hours

### Imports & exports



### Demand



**26 TWh** run through network (that's 26 billion washing machine cycles).  
 Peak demand time was 5.30pm on 23 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](https://carbonintensity.org.uk)