

# Britain's Electricity Explained: February 2023

## ESO



Gas	33.2%
Wind	31%
Nuclear	10.5%
Biomass	5.4%
Coal	1.4%
Solar	2.5%
Imports	12.8%
Hydro	2.3%
Storage	0.8%

### Zero carbon



**47%** of electricity came from zero carbon sources  
**80%** peak zero carbon share

### Carbon intensity



**165** gCO<sub>2</sub>/kWh average  Greenest time of the month  
4:00am on 1 February

### Coal

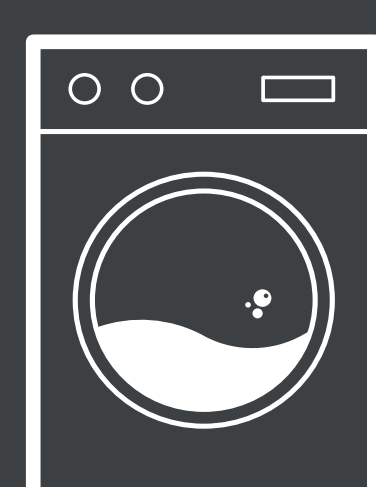


**1.4%** use this month  
This time **5 years ago** coal usage was **10.2%**  
**73** consecutive coal free hours

### Imports & exports



### Demand



**22 TWh** run through network (that's 22 billion washing machine cycles).  
Peak demand time was 6.30pm on 7 February.

### 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)