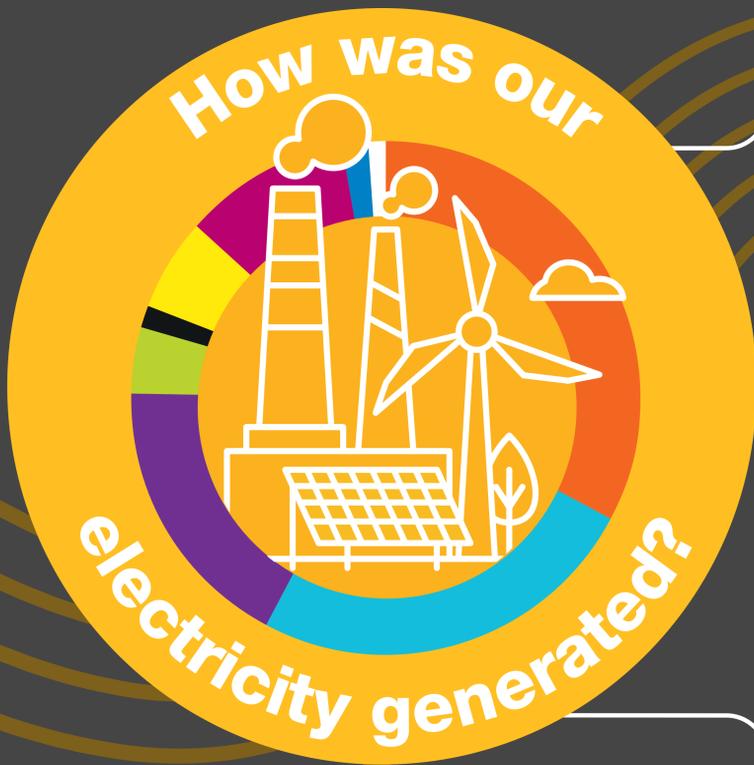


# Britain's Electricity Explained: September 2023

## ESO



Gas	33%
Wind	24.9%
Nuclear	17.4%
Biomass	4.3%
Coal	1.4%
Solar	5.8%
Imports	10.6%
Hydro	1.5%
Storage	1.1%

### Zero carbon



**49%** of electricity came from zero carbon sources  
**86%** peak zero carbon share

### Carbon intensity



**158** gCO<sub>2</sub>/kWh average  Greenest time of the month  
 2pm on 18 September

### Coal



**1.4%** use this month  
 This time **5 years ago** coal usage was **5.7%**  
**23** consecutive coal free hours

### Imports & exports



Energy in  
**2275 GWh**



Energy out  
**1208 GWh**

### Demand



**21TWh** run through network (that's 21 billion washing machine cycles).  
 Peak demand time was 6.30pm on 21 September

### 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)