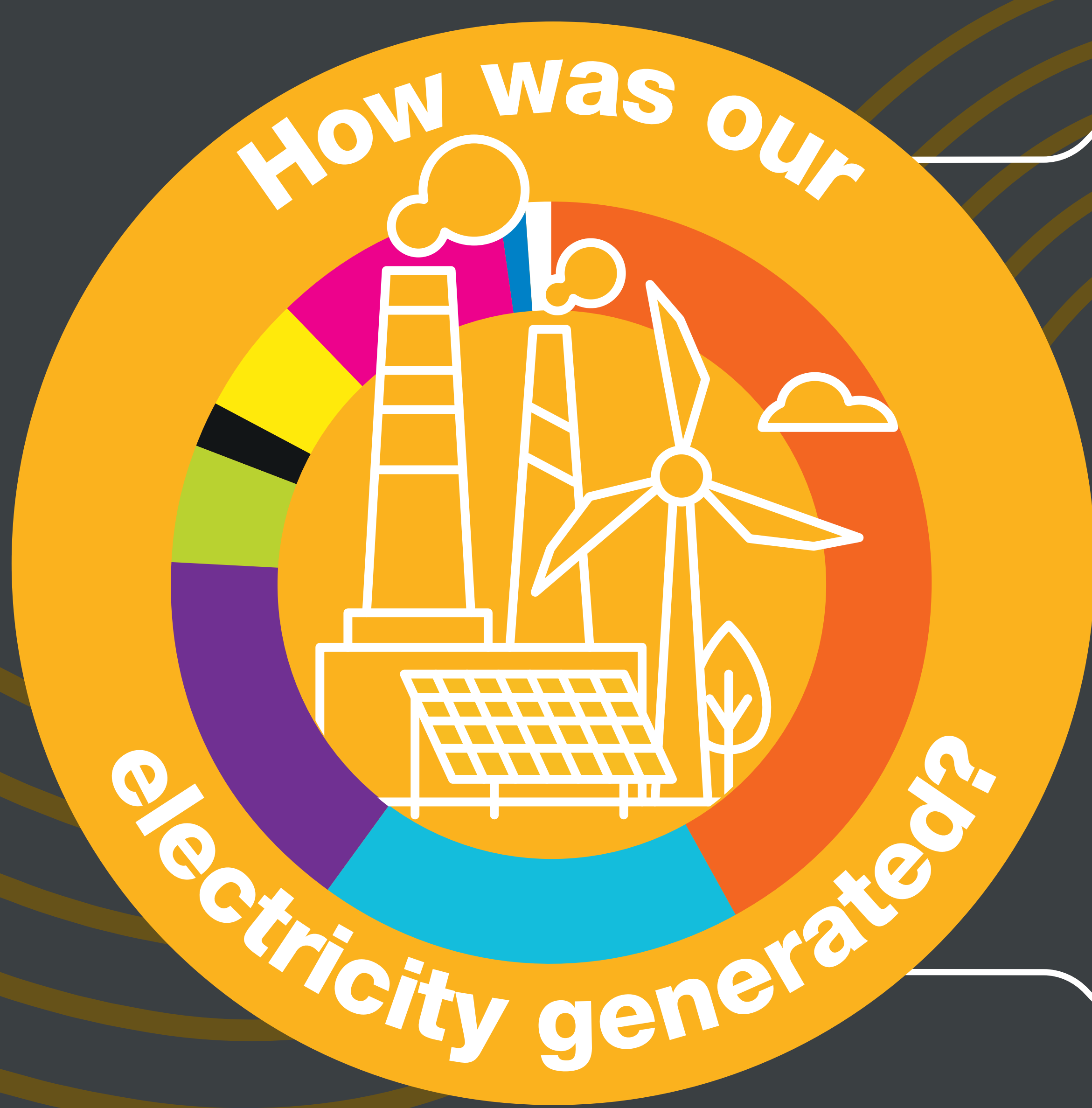


# Britain's Electricity Explained: September 2021

nationalgridESO



Gas	42%
Wind	18%
Nuclear	16%
Biomass	5%
Coal	2%
Solar	5%
Imports	10%
Hydro	1%
Storage	1%

## Zero carbon



**40%** of electricity came from zero carbon sources  
**79.3%** peak zero carbon share

## Carbon intensity



**204** gCO<sub>2</sub>/kWh average  Greenest time of the month  
 3.30am on 23rd September

## Coal



**2%** use this month  
 This time **5 years ago** coal usage was **4%**

## Imports & exports

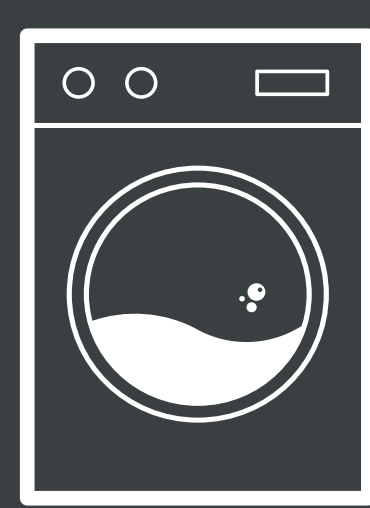


Energy in  
**4485 GWh**



Energy out  
**146 GWh**

## Demand



**21 TWh** run through network (that's 21 billion washing machine cycles).  
 Peak demand time was 6.00pm on 28th 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)