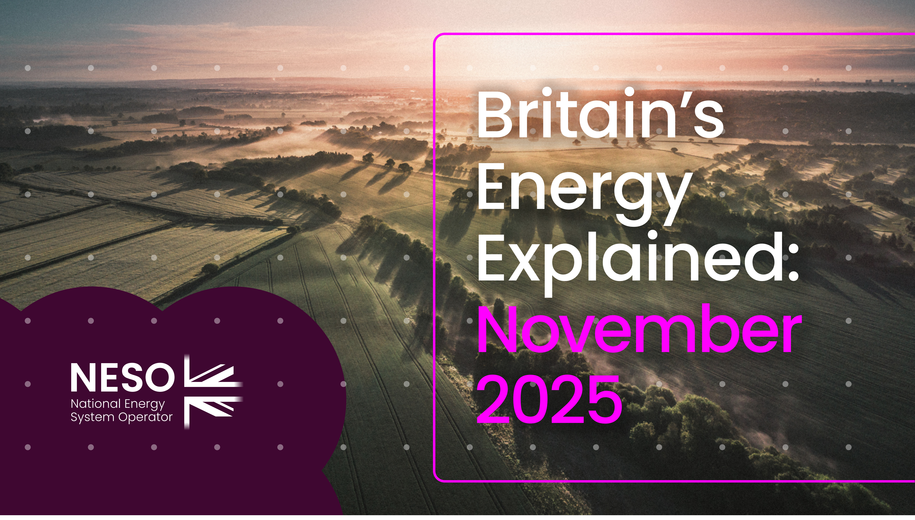
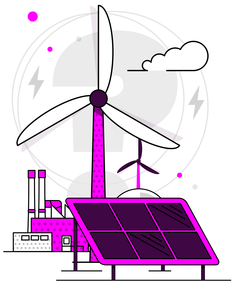


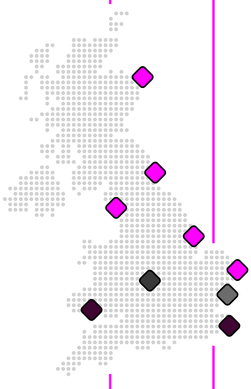
Britain's Energy Explained: November 2025

NESO
National Energy System Operator

How was our electricity generated?



		change from previous month
Gas	27.2%	1.6% ▽
Wind	37.1%	3% △
Nuclear	10.1%	0.3% ▽
Biomass	8.1%	2.2% △
Solar	2.2%	1.2% ▽
Imports	11.4%	2.5% ▽
Hydro	2.2%	0.4% △
Storage	1.6%	0.1% ▽



Where has our gas come from?*

Entry Points		change from previous month
UK/Norwegian gas fields	71%	13% ▽
LNG imports	24%	11% △
European imports	1%	1% △
Storage withdrawal	5%	2% △

Where is our gas used?

Distribution networks	63%	8% △
Power stations	18%	4% ▽
EU & Ireland exports	13%	1% △
Industrial	1%	1% △
Storage	5%	5% ▽

*Gas data is yet to reconcile. For most up-to-date gas data, visit data.nationalgas.com

Carbon intensity of electricity

Zero carbon

66% of electricity came from zero carbon sources

91% peak zero carbon share

Carbon intensity

126 gCO_2/kWh average

Greenest time of the month 10:30am on 1 November

Lowest carbon intensity **33** gCO_2/kWh

How much electricity we used

Imports & exports

Energy in
3,018 GWh

Energy out
1,333 GWh

Demand

26 TWh run through network
(that's 26 billion washing machine cycles).
Peak demand time was 4:30pm on 20 November.

View in real-time

To view our data in real-time, please download the NESO app for Apple or Android.
Or visit carbonintensity.org.uk