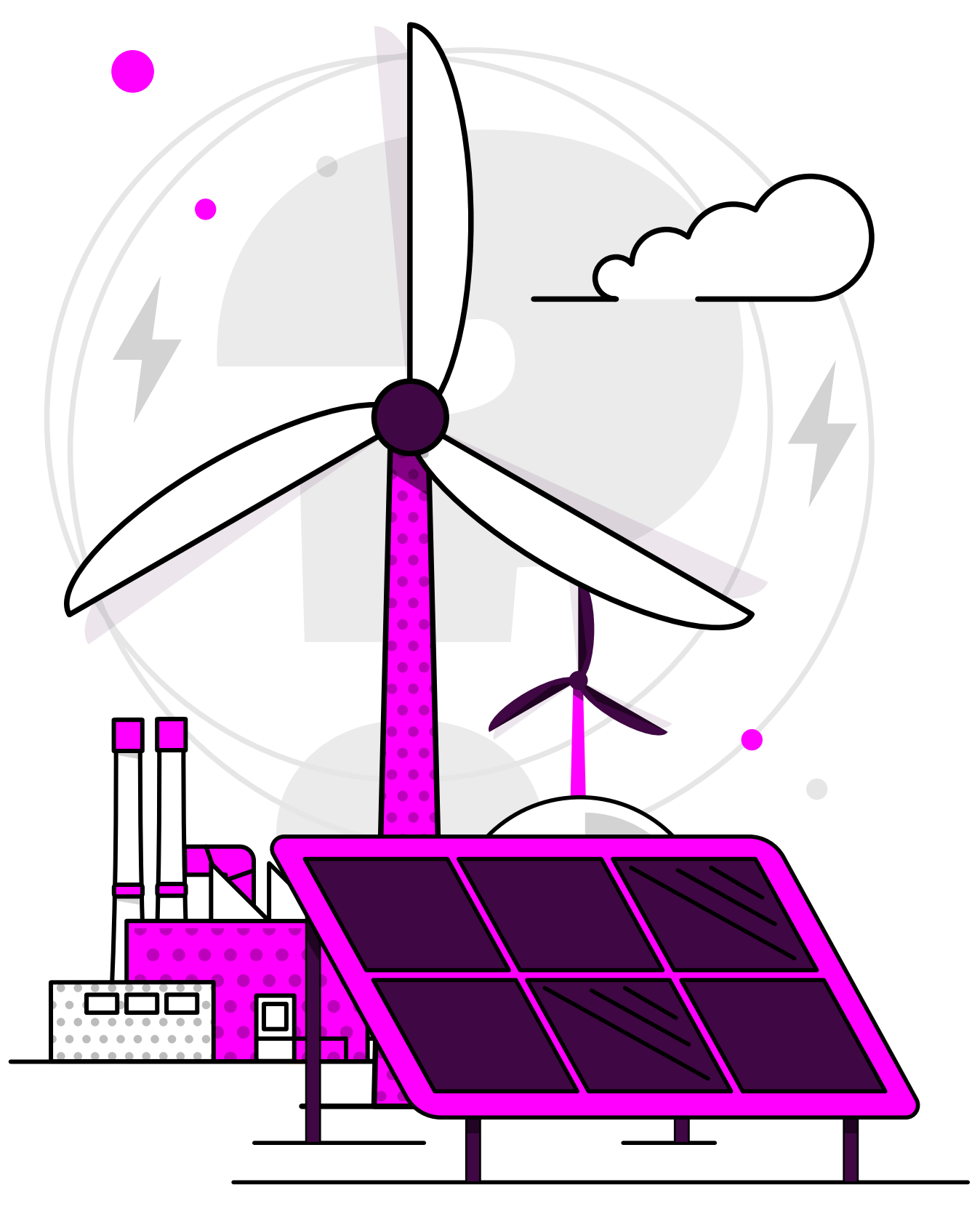
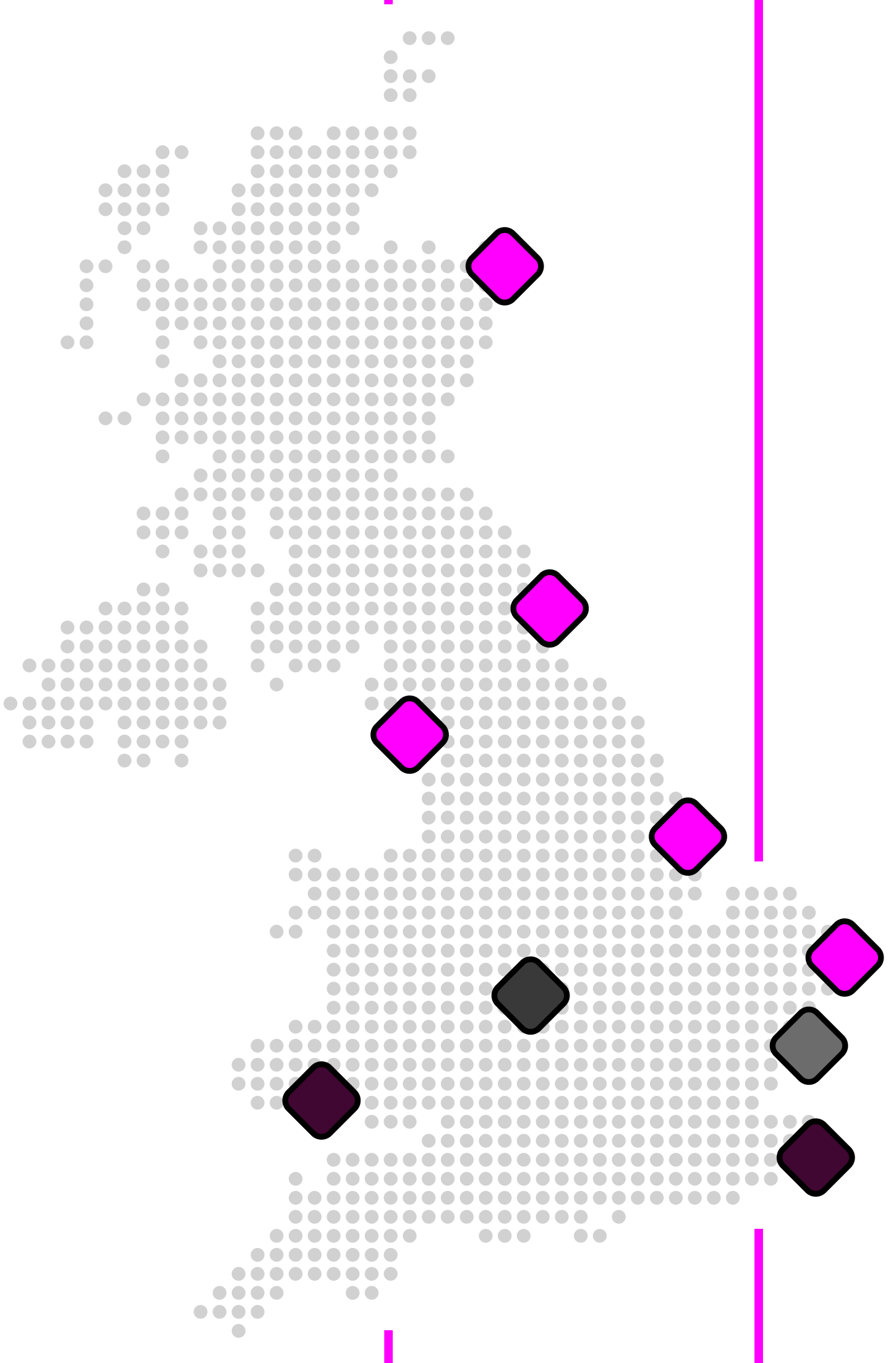
NESO
National Energy
System Operator

Britain's Energy Explained: August 2026

How was our electricity generated?



		change from previous month
Gas	22.1%	0.2% ▽
Wind	22.7%	0.2% ▽
Nuclear	14.2%	3.7% △
Biomass	8.4%	1.7% △
Solar	12.3%	2.1% ▽
Imports	16.5%	3% ▽
Hydro	1.4%	–
Storage	2.3%	0.2% ▽



Where has our gas come from?*

Entry Points		change from previous month
◆ UK/Norwegian gas fields	92%	2% ▽
◆ LNG imports	4%	–
◆ European imports	0%	–
◆ Storage withdrawal	4%	2% △

Where is our gas used?

Distribution networks	27%	1% △
Power stations	20%	2% △
EU & Ireland exports	43%	1% △
Industrial	2%	–
Storage	8%	4% ▽

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

Carbon intensity of electricity

Zero carbon

69% of electricity came from zero carbon sources

94% peak zero carbon share

Carbon intensity

124 gCO_2/kWh average

Greenest time of the month 1pm on 25 August

Lowest carbon intensity 39 gCO_2/kWh

How much electricity we used

Imports & exports

Energy in
3,659 GWh

Energy out
1,159 GWh

Demand

21 TWh run through network
(that's 21 billion washing machine cycles).
Peak demand time was 8pm on 13 August.

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