



NESO National Electricity Transmission System Status report

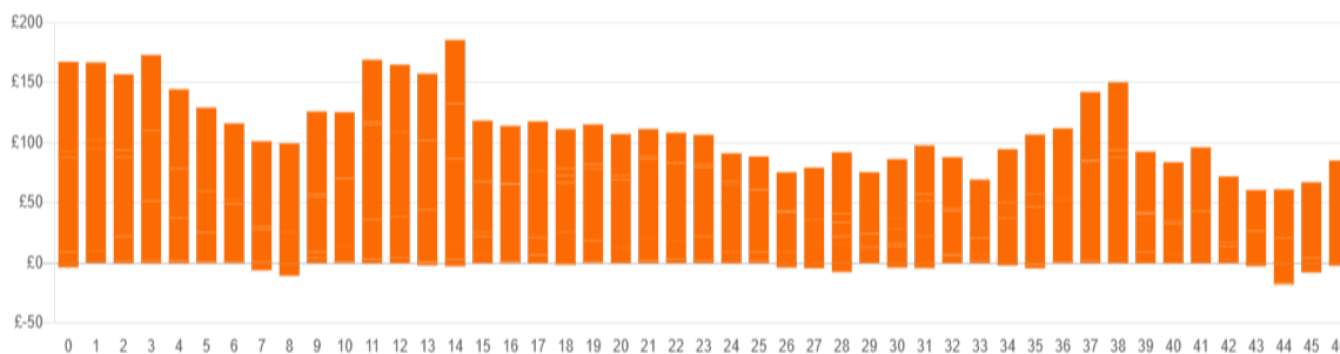
NESO National Electricity Transmission System Status Report
Saturday 02 August 2025

Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			
System Warning			

Today's Minimum De-Rated Margin	8920 MW (SP 39)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW

Balancing Costs

Last 24 hours' BM spend Total: £5170k



Yesterday's Market Summary

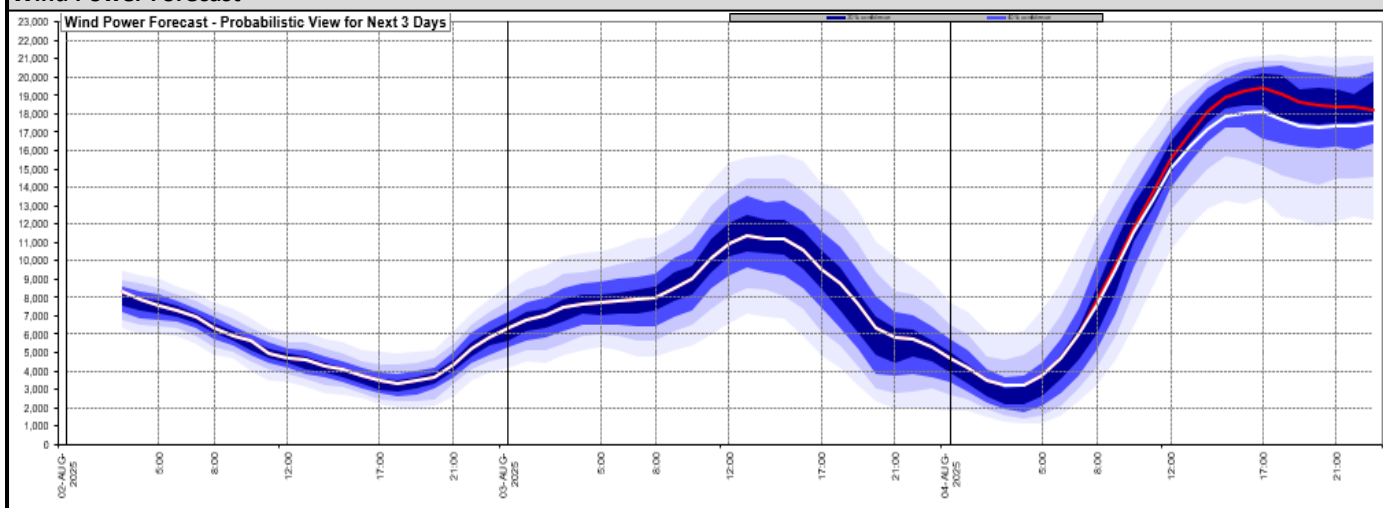
Cash Out Price (Max)	115.00 £/MWh (SP 13-16 39,40)
Cash Out Price (Min)	-£11.46/MWh (SP 30)
Peak Demand Yesterday	25,925 MW
Minimum Demand	17,400 MW

Interconnector

Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	500	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available
France (IFA2)	1000	1000	Fully Available
Ireland (GreenLink)	500	500	Fully Available
Viking Link	1400	1400	Fully Available
France (ElecLink)	1000	1000	Fully Available
France (IFA)	2000	2000	Fully Available

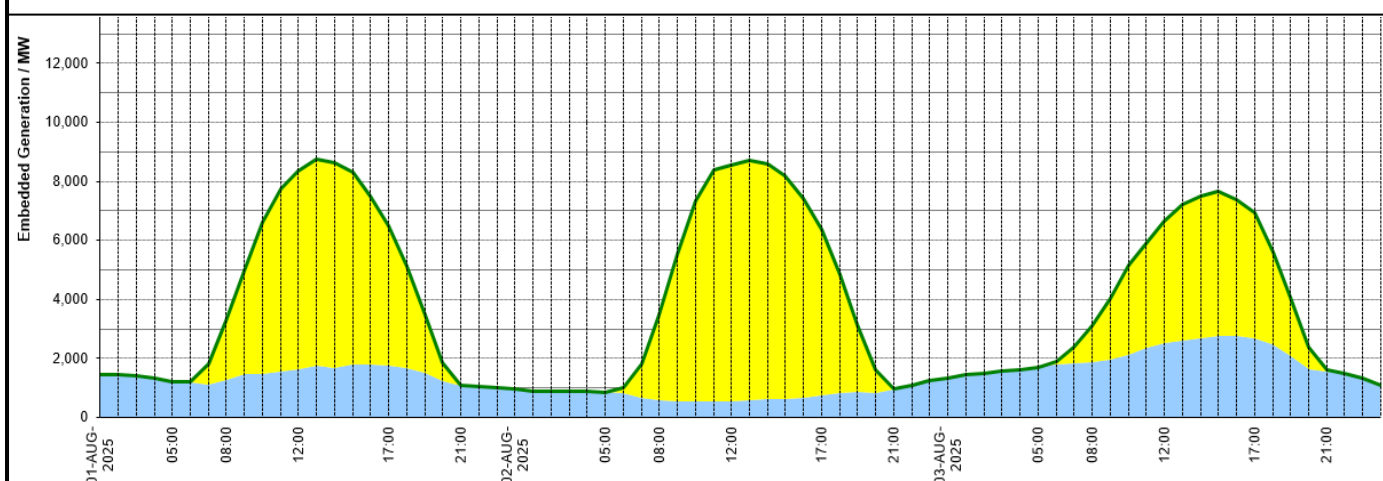
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	01-AUG-2025					02-AUG-2025					03-AUG-2025						
	05:00	08:00	12:00	17:00	21:00	00:00	05:00	08:00	12:00	17:00	21:00	00:00	05:00	08:00	12:00	17:00	21:00
Solar (MW)	0	2005	6716	4725	19	0	0	2881	8021	5641	24	0	0	1230	4139	4266	36
Wind (MW)	1221	1273	1614	1752	1079	978	852	567	539	728	946	1347	1705	1879	2526	2667	1559
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1221	3278	8330	6477	1098	978	852	3448	8560	6369	970	1347	1705	3109	6665	6933	1595



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Mostly dry with plenty of sunshine. Feeling warm in gentle winds. However, isolated light showers developing across southern and eastern England, and clouding over across the northwest of the UK. Tonight: Showers across some central and eastern parts of Scotland and England will mainly become confined to the southeast of England overnight. Elsewhere it will be dry with clear periods. Turning rather chilly in some rural western and central areas.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings Yellow warning of wind Yellow - Possible Areas affected: Central, Tayside & Fife, Grampian, Highlands & Eilean Siar, North East England, North West England, Northern Ireland, Orkney & Shetland, SW Scotland, Lothian Borders, Strathclyde, Wales, Yorkshire & Humber Starts: 06:00 BST Monday 4 August Ends: 06:00 BST Tuesday 5 August Storm Floris is likely to bring a spell of unseasonably strong and potentially disruptive winds to northern UK on Monday into early Tuesday.

Weather	Source	Commentary
		<ul style="list-style-type: none"> - Injuries and danger to life from flying debris are possible - Some damage to buildings, such as tiles blown from roofs, could happen - Road, rail, air and ferry services may be affected, with longer journey times and cancellations possible - Some roads and bridges may close - Power cuts may occur, with the potential to affect other services, such as mobile phone coverage - Injuries and danger to life could occur from large waves and beach material being thrown onto sea fronts, coastal roads and properties
		Flood Warnings 0 flood warning and 1 floods alert issued for England. 0 flood warning and 0 flood alerts issued for Scotland. 0 flood warnings and 0 flood alerts issued for Wales.

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Further Information	
BM Reports	https://www.elexon.co.uk/data/kinnect-insights-solution/
System Balancing Reports	https://www.neso.energy/industry-information/industry-data-and-reports/system-balancing-reports
Forecast Volumes and Costs	https://www.neso.energy/industry-information/industry-data-and-reports/forecast-volumes-and-costs