



NESO National Electricity Transmission System Status report

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Thursday 04 September 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	8,064 MW (SP 41)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	1150 MW

Balancing Costs

Last 24 hours' BM spend Total: £3166k



Yesterday's Market Summary

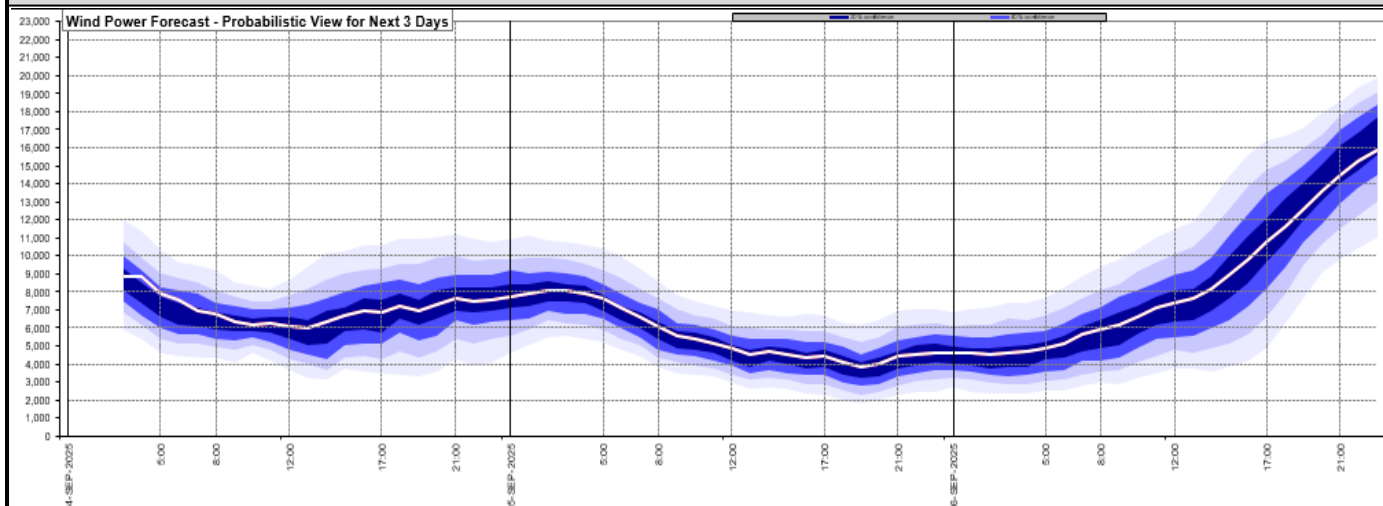
Cash Out Price (Max)	£139.00 MWh (SP 40, 41)
Cash Out Price (Min)	£43.12 / MWh (SP 48)
Peak Demand Yesterday	28,505 MW (SP 41)
Minimum Demand	19,276 MW (SP 9)

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)	0	0	Planned Outage
France (IFA2)	0	0	Fault Outage
Ireland (GreenLink)	500	500	Fully Available
Viking Link	1400	1400	Fully Available
France (ElecLink)	1000	1000	Fully Available
France (IFA)	2000	2000	Fully Available

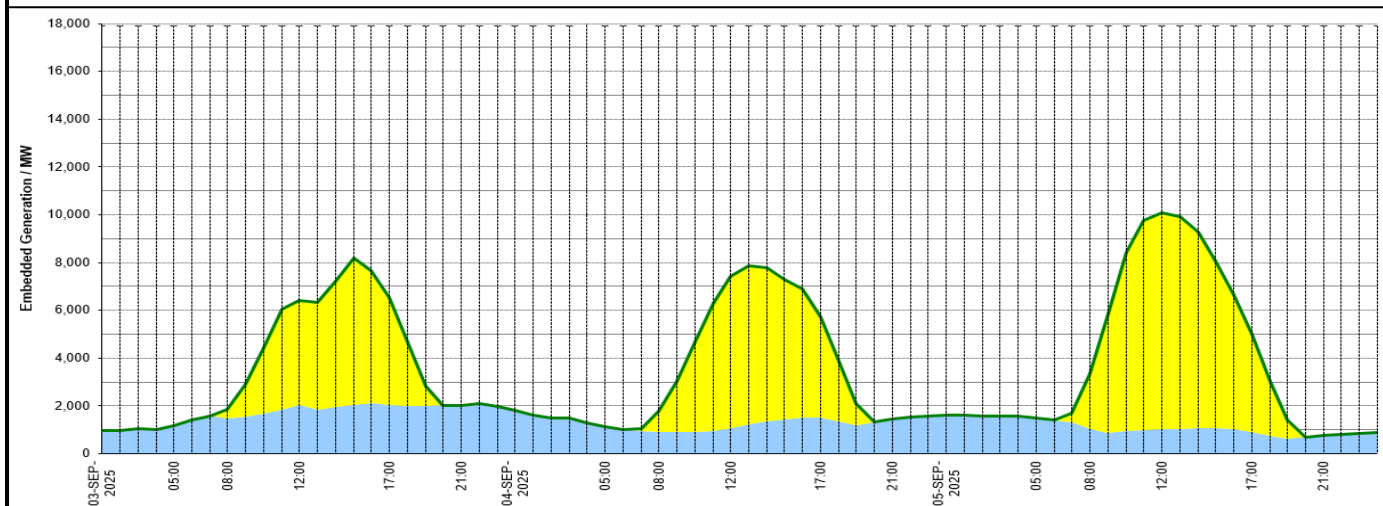
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	03-SEP-2025					04-SEP-2025					05-SEP-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	405	4372	4469	0	0	0	835	6378	4205	0	0	0	2326	9084	4102	0
Wind (MW)	1159	1466	2021	2053	2031	1811	1109	920	1052	1519	1458	1601	1496	1029	1007	912	780
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1159	1871	6393	6522	2031	1811	1109	1755	7430	5724	1458	1601	1496	3355	10091	5014	780



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Outbreaks of rain, some heavy and thundery, will gradually clear northeastwards from England and Wales. Otherwise a day of sunshine and showers, some of the showers also heavy and thundery. Breezy in the south, and initially in the north. Tonight: A few showers continuing to affect the far north and west overnight. Elsewhere becoming generally dry with clear spells, and turning cooler than last night. Remaining fairly breezy.
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 thunderstorms. Areas affected: East Midlands, East of England, North East England, North West England, South West England, Wales, West Midlands, Yorkshire & Humber
		Flood Warnings 0 flood warning and 3 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.

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