

NESO

National Electricity Transmission System Status report

NESO National Electricity Transmission System Status Report
Friday 25 July 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	9231 MW (SP 43)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050 MW

Balancing Costs

Last 24 hours' BM spend Total: £841k



Yesterday's Market Summary

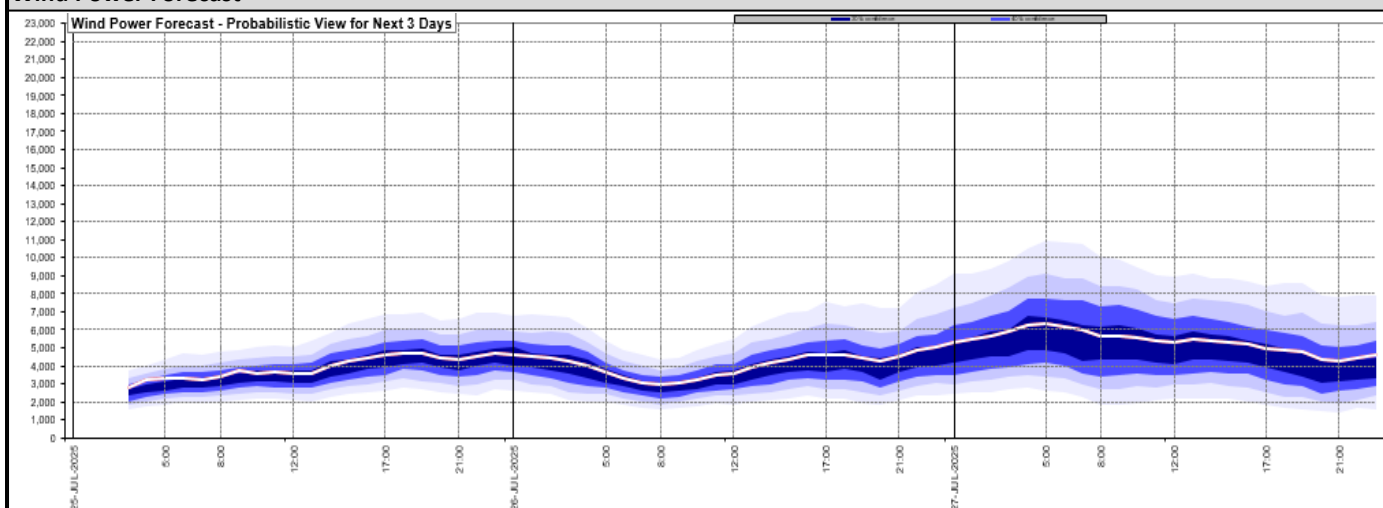
Cash Out Price (Max)	£126 /MWh (SP 39)
Cash Out Price (Min)	£64.5 /MWh (SP 41)
Peak Demand Yesterday	28,168 MW
Minimum Demand	19,158 MW

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

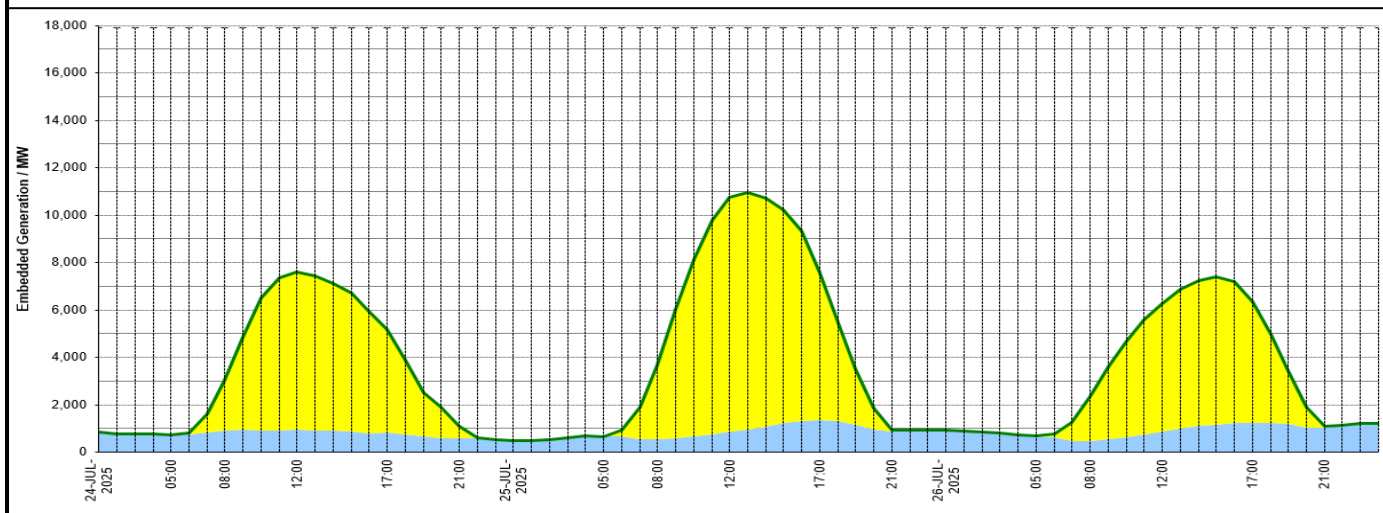
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	24-JUL-2025					25-JUL-2025					26-JUL-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	2129	6643	4342	478	0	0	3123	9895	6194	61	0	0	1888	5404	5118	79
Wind (MW)	749	900	937	837	598	481	650	542	859	1370	877	932	680	469	873	1242	1024
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	749	3029	7580	5179	1076	481	650	3665	10754	7564	938	932	680	2357	6277	6360	1103



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Cloud and patchy rain across northwest Scotland and Northern Ireland will slowly move southeastwards into parts of northern England through the day, reaching western Wales and southwest England by evening. Dry elsewhere, with sunny spells. Feeling warm in the south. Tonight: Cloud and outbreaks of rain will continue to edge a little further southeast through the night. A few showers following in the northwest. Warm across England and Wales, fresher elsewhere.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings No weather warnings are in force for the UK Flood Warnings 0 flood warning and 0 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