

NESO
National Electricity
Transmission
System
Status report

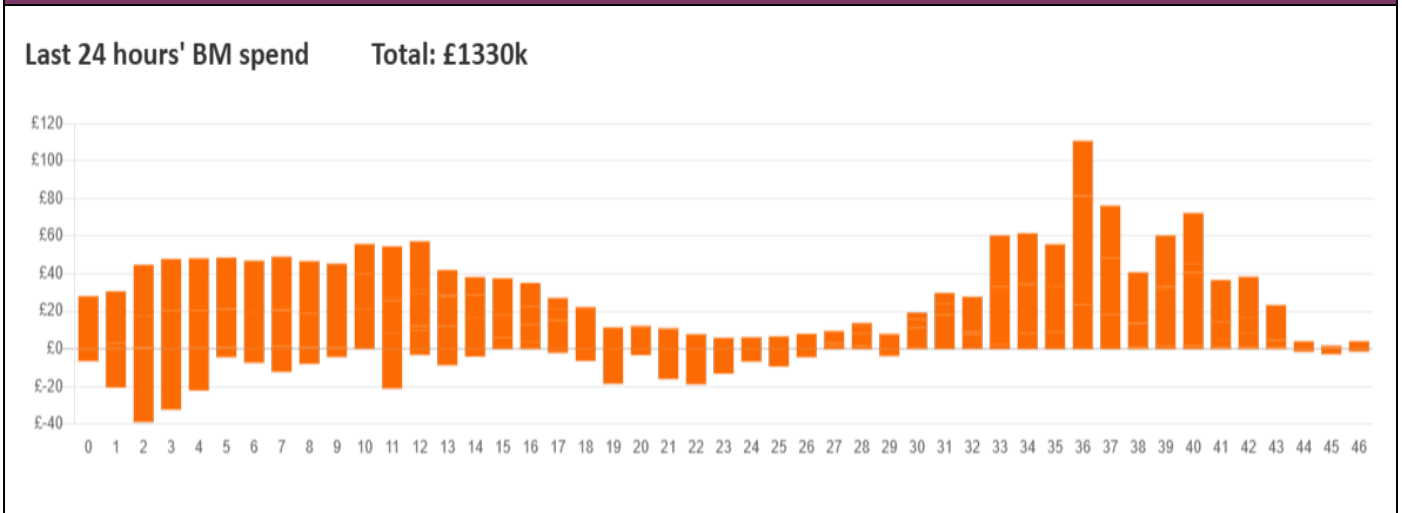


NESO National Electricity Transmission System Status Report
Thursday 17 July 2025

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	7436 MW (SP 17)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560MW

Balancing Costs



Yesterday's Market Summary

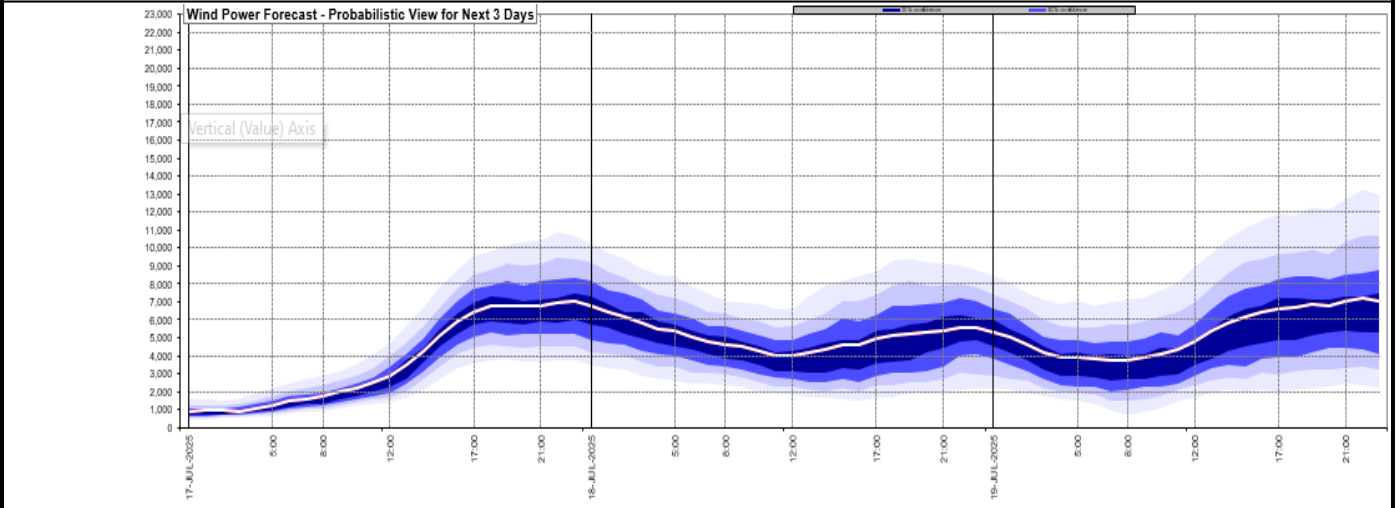
Cash Out Price (Max)	£124.00 /MWh (SP 37)
Cash Out Price (Min)	£62.50 /MWh (SP 3-6)
Peak Demand Yesterday	28,615 MW
Minimum Demand	18,335 MW

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

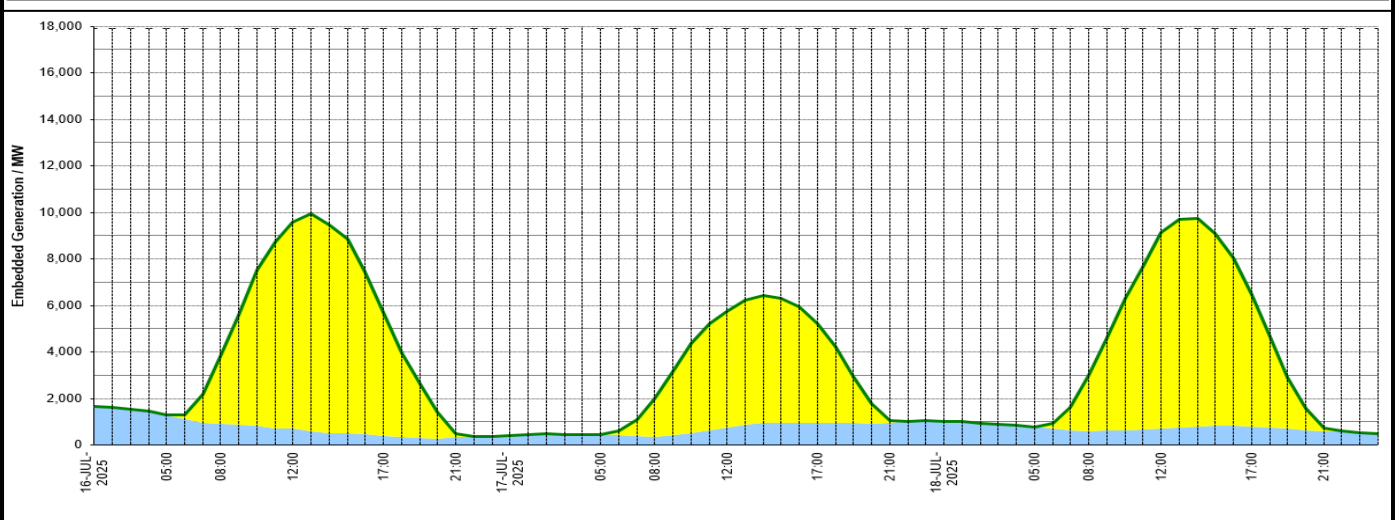
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	16-JUL-2025					17-JUL-2025					18-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	2897	8900	5303	158	0	0	1609	4990	4299	120	0	0	2370	8409	5671	138
Wind (MW)	1285	913	695	398	336	418	454	357	747	936	942	1027	786	604	711	800	597
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1285	3810	9595	5701	494	418	454	1966	5737	5235	1062	1027	786	2974	9120	6471	735



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Largely dry in the south and east with very warm sunshine. Cloudier elsewhere with scattered showers, these heavy, perhaps thundery across Northern Ireland and parts of central and northern England. Feeling warm and humid in the east.</p> <p>Tonight: Cloudy with occasional outbreaks of rain in the west and north. Drier and clear for central and eastern parts, isolated showers developing by the morning. Warm and muggy for many.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>UK Weather Warnings Yellow warning of thunderstorms Yellow - Possible</p> <p>Areas affected: Northern Ireland Starts: 11:00 BST Thursday 17 July Ends: 20:00 BST Thursday 17 July Heavy showers and a few thunderstorms may cause some disruption, particularly to travel, on Thursday</p> <p>- Some flooding of a few homes and businesses likely, leading to some damage to buildings or structures</p>

Weather	Source	Commentary
		<ul style="list-style-type: none"> - Probably some damage to a few buildings and structures from lightning strikes - There is a good chance driving conditions will be affected by spray, standing water and/or hail, leading to longer journey times by car and bus - Delays to train services are possible - Some short term loss of power and other services is likely <p>Flood Warnings</p> <p>0 flood warning and 0 floods alert issued for England.</p> <p>0 flood warning and 0 flood alerts issued for Scotland.</p> <p>0 flood warnings and 0 flood alerts issued for Wales.</p>

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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