



NESO National Electricity Transmission System Status report

NESO National Electricity Transmission System Status Report
Thursday 31 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	9051 MW (SP 18)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050 MW

Balancing Costs

Last 24 hours' BM spend Total: £515k



Yesterday's Market Summary

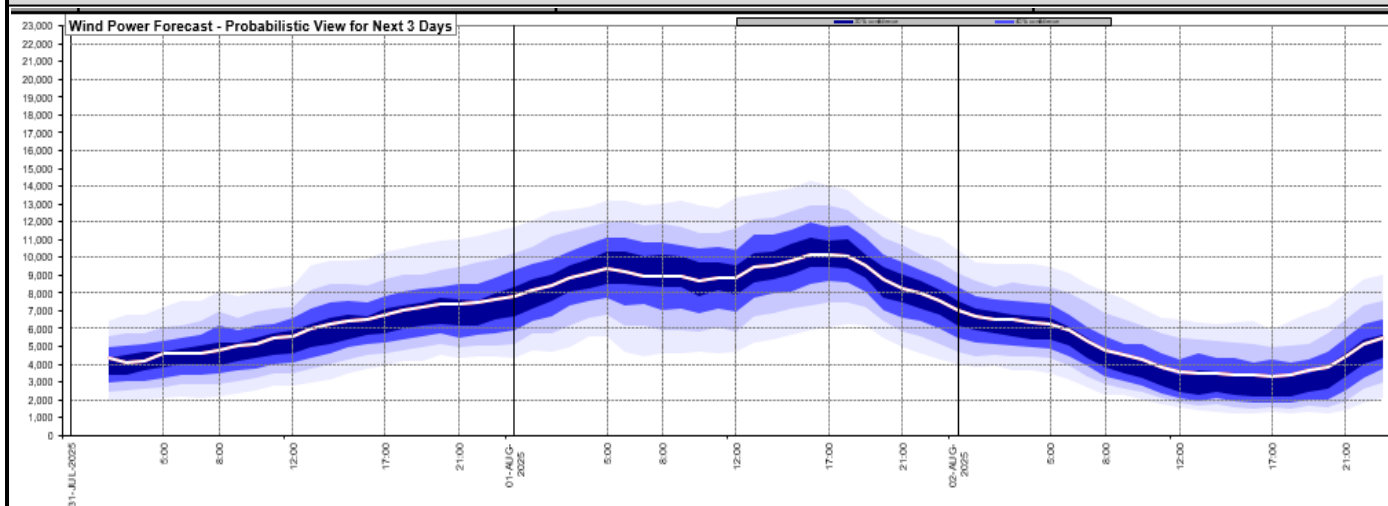
Cash Out Price (Max)	117.00 £/MWh (SP 46)
Cash Out Price (Min)	£61.28/MWh (SP 44)
Peak Demand Yesterday	27,086 MW
Minimum Demand	18,758 MW

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

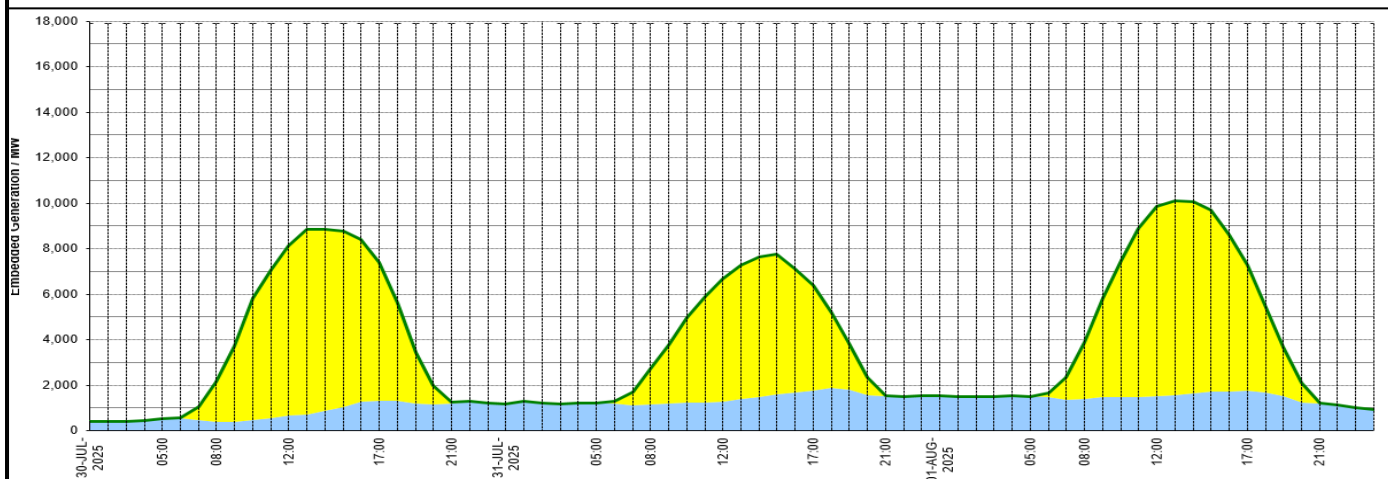


Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation (non-metered) Estimates Last run: 31-Jul-2025 02:31:38

	30-JUL-2025					31-JUL-2025					01-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	1737	7489	6085	39	0	0	1543	5400	4627	33	0	0	2485	8345	5507	34
Wind (MW)	523	402	653	1313	1199	1180	1217	1158	1279	1760	1519	1528	1514	1407	1504	1749	1191
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	523	2139	8142	7398	1238	1180	1217	2701	6679	6387	1552	1528	1514	3892	9849	7256	1225



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Today will see variable amounts of cloud and some light scattered showers in places. Western areas will see longer spells of sunshine for a time in the afternoon before it clouds over by evening. Tonight: Spells of rain and showers will move into the south and west overnight, some turning heavy locally. Cloudy with showers in the far north-east but clear breaks and drier elsewhere.
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 Yellow - Possible Areas affected: East of England, London & South East England, South West England Starts: 10:00 BST Thursday 31 July Ends: 21:00 BST Thursday 31 July Thunderstorms and heavy showers may bring some disruption during Thursday. - Spray and sudden flooding could lead to difficult driving conditions and some road

Weather	Source	Commentary
		<p>closures</p> <ul style="list-style-type: none"> - Where flooding or lightning strikes occur, there is a chance of delays and some cancellations to train and bus services - There is a small chance that homes and businesses could be flooded quickly, with damage to some buildings from floodwater, lightning strikes, hail or strong winds - There is a slight chance that power cuts could occur and other services to some homes and businesses could be lost <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>

Contains public sector information licensed under the Open Government Licence v1.0

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