

NESO

National Electricity Transmission System Status report

NESO National Electricity Transmission System Status Report
Monday 21 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	4709 MW (SP 38)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	750 MW

Balancing Costs

Last 24 hours' BM spend Total: £4133k



Yesterday's Market Summary

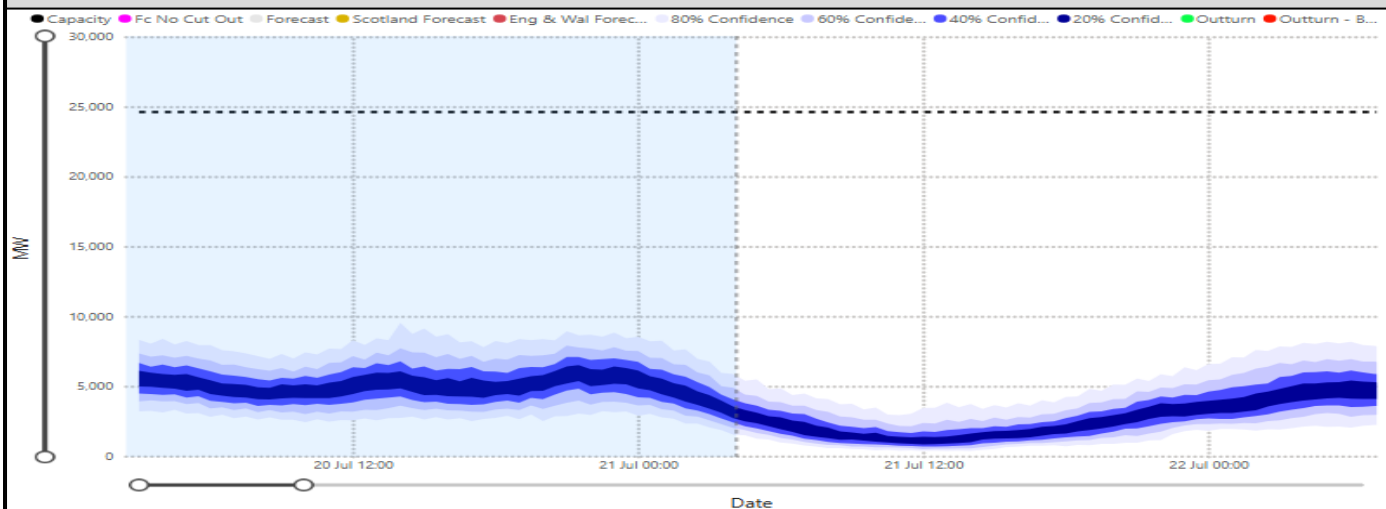
Cash Out Price (Max)	£125 /MWh (SP 23)
Cash Out Price (Min)	£56.15 /MWh (SP 45)
Peak Demand Yesterday	25,695 MW
Minimum Demand	17,035 MW

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

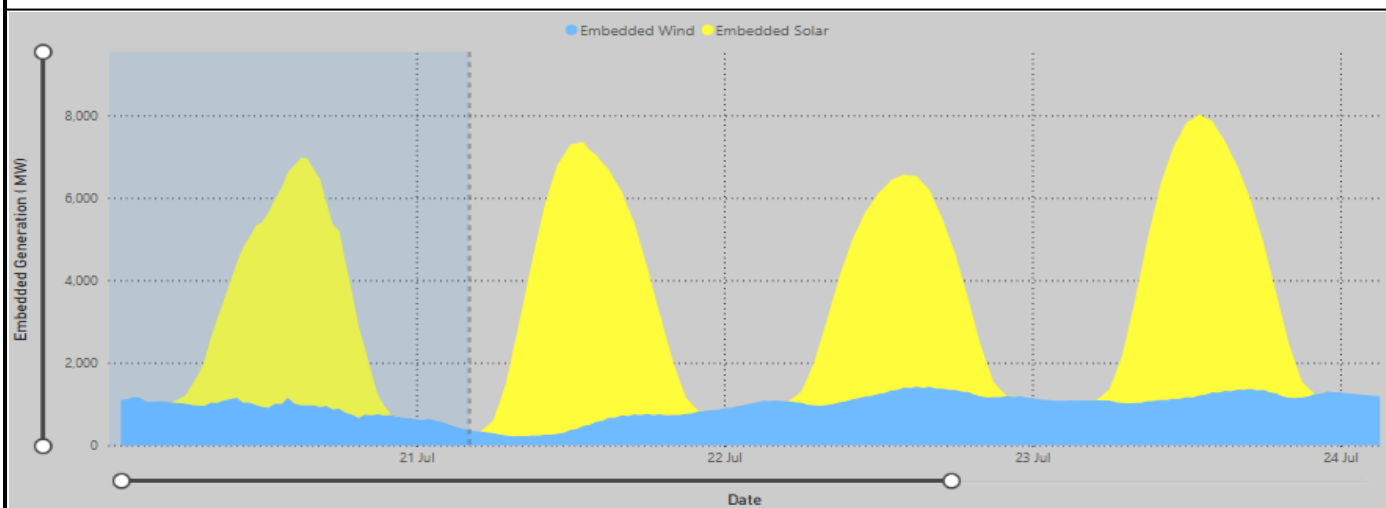
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation (non-metered) Estimates																	Last run: 21-Jul-2025 04:31:50		
	20-JUL-2025					21-JUL-2025					22-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	1530	4756	5176	103	0	0	2353	7882	4593	93	0	0	2072	5634	3922	70		
Wind (MW)	1123	1018	1024	993	797	672	356	233	386	792	796	930	1115	1019	1287	1429	1202		
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total (MW)	1123	2548	5780	6169	900	672	356	2586	8268	5385	889	930	1115	3091	6921	5351	1272		



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: A cloudy, damp start, particularly for the southeast and across Northern Ireland where heavy rain is expected during the morning. Brighter elsewhere, though showers soon return; heavy, thundery, and with a risk of hail by the afternoon. Tonight: Further outbreaks of rain across central and northern areas, heaviest and most persistent in the northwest. Drier in the south and east with a few isolated showers.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings Amber - Rain Sunday 20 July Northern Ireland Yellow - Thunderstorm Monday 21 July East of England, London & South East England, South West England

Weather	Source	Commentary
		<p>Yellow - Rain Sunday 20 July Northern Ireland</p> <p>Yellow - Thunderstorm Monday 21 July Central, Tayside & Fife, East Midlands, East of England, Grampian, Highlands & Eilean Siar, London & South East England, North East England, North West England, SW Scotland, Lothian Borders, South West England, Strathclyde, Wales, West Midlands, Yorkshire & Humber</p> <p>Flood Warnings 0 flood warning and 11 floods alert issued for England.</p> <p>0 flood warning and 15 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