

NESO
National Electricity
Transmission
System
Status report

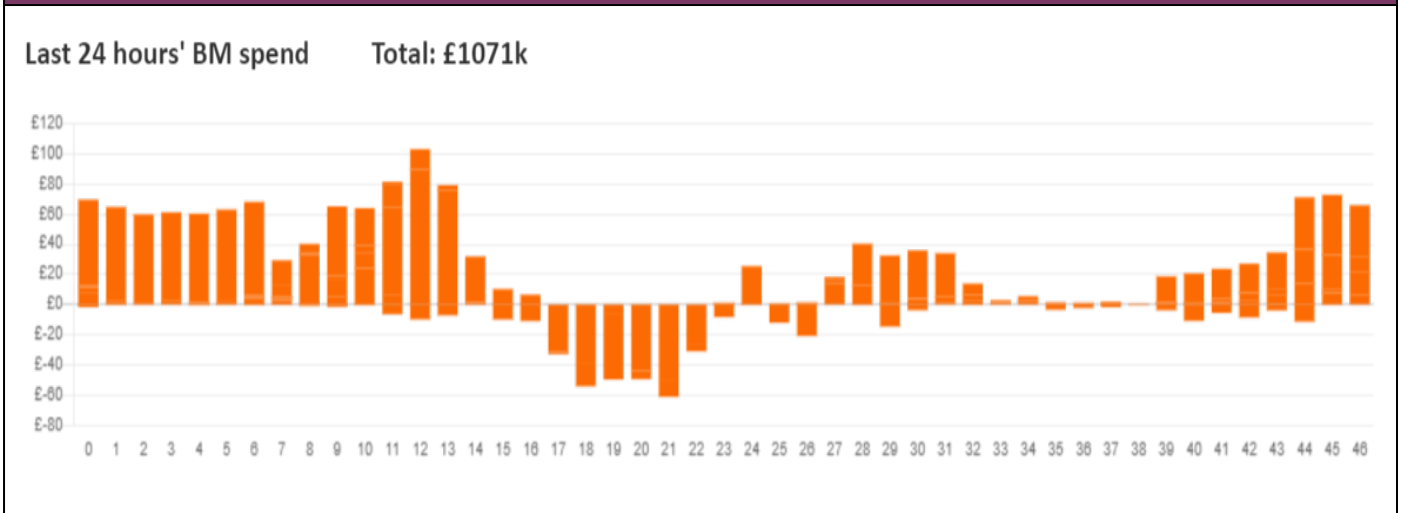


NESO National Electricity Transmission System Status Report
Tuesday 28 January 2025

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	11,751 MW (SP 36)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560MW

Balancing Costs



Yesterday's Market Summary

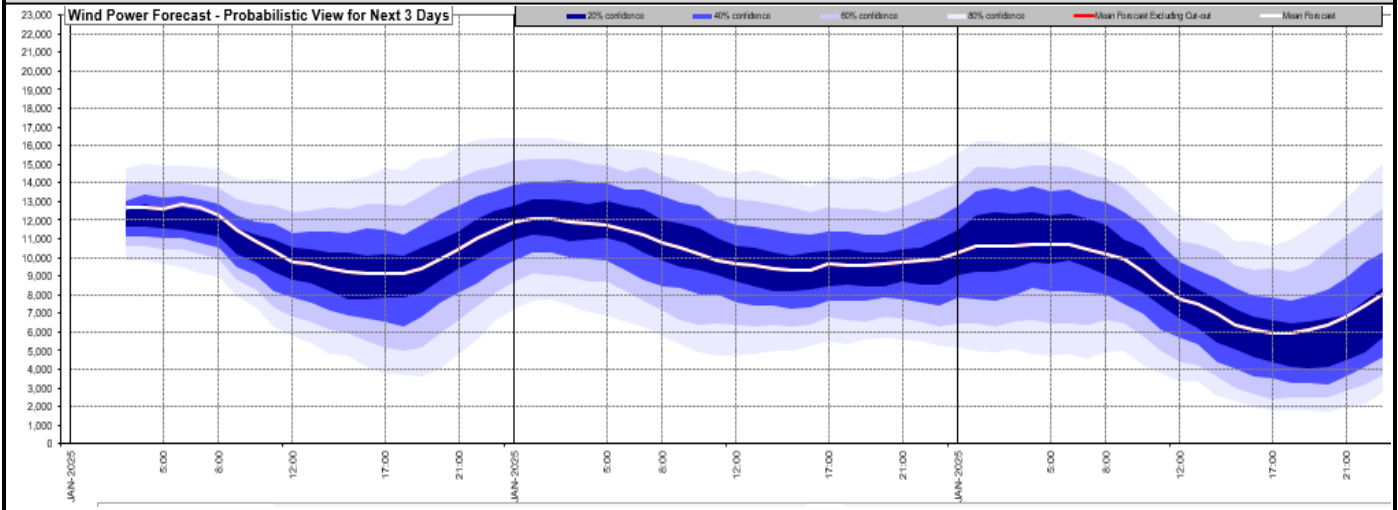
Cash Out Price (Max)	£163 /MWh (SP 14)
Cash Out Price (Min)	£-4.04/MWh (SP 7,8)
Peak Demand Yesterday	40,782 MW
Minimum Demand	22,430 MW

Interconnector

Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1500	1500	Partially available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	500	Fully Available
France (ElecLink)	0	0	Outage
Northern Ireland (MOYLE)	450	450	Fully Available
Norway (NSL)	1400	1400	Fully Available
France (IFA2)	1000	1000	Fully Available
Viking Link	700	700	Partially Available
Ireland (GreenLink)	0	0	Not yet commissioned

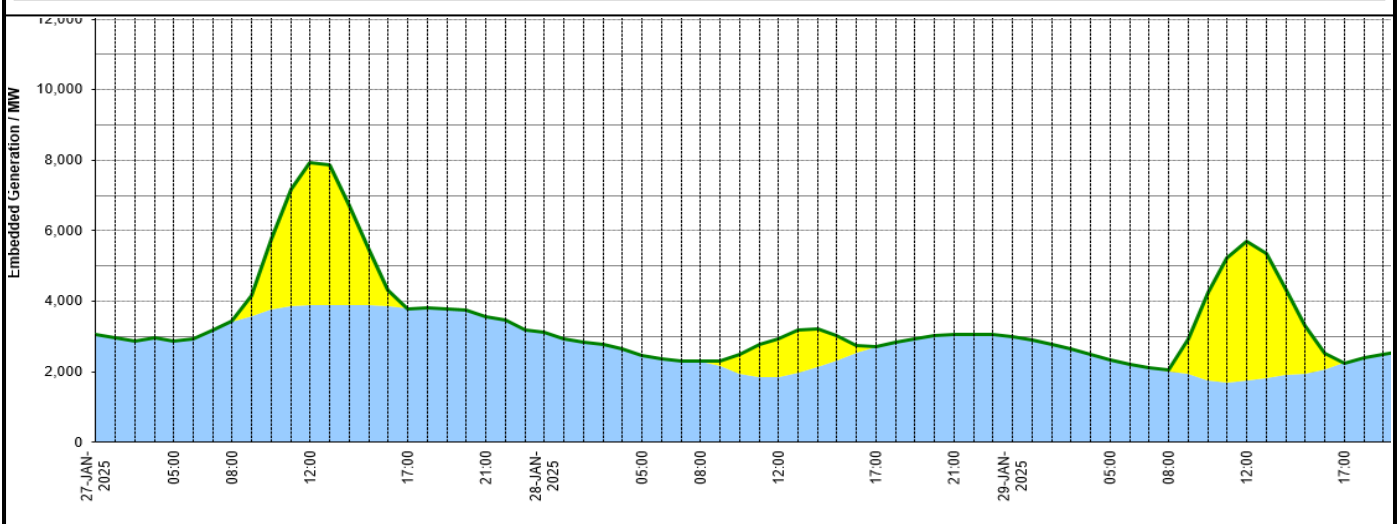
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	27-JAN-2025					28-JAN-2025					29-JAN-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	22	4039	1	0	0	0	0	1092	0	0	0	0	40	3945	0	0
Wind (MW)	2863	3430	3895	3798	3578	3139	2466	2292	1849	2715	3052	2996	2352	2007	1744	2257	2679
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2863	3452	7934	3799	3578	3139	2466	2292	2941	2715	3052	2996	2352	2047	5689	2257	2679



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Another day of sunshine and showers is expected, the showers heaviest in the south where some thunder is possible. Local gales in the south and west, otherwise less blustery..</p> <p>Tonight: Low pressure will dominate the weather across all areas overnight, bringing showers or longer spells of rain. The heaviest rain is likely across southern England and Wales. Windy for many, though with gales slowly easing in the southwest. Mostly frost-free.</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 Warning details for UK Yellow warning Rain 12:00 Sun 26 UTC 21:00 Today Regions and local authorities affected: Wales Blaenau Gwent Bridgend Caerphilly Cardiff Carmarthenshire</p>

Weather	Source	Commentary
		<p>Ceredigion Merthyr Tydfil Monmouthshire Neath Port Talbot Newport Pembrokeshire Powys Rhondda Cynon Taf Swansea Torfaen Vale of Glamorgan West Midlands Herefordshire</p> <p>Flood Warnings 35 flood warnings and 171 flood alerts issued for England. 0 flood warnings and 0 flood alerts issued for Scotland. 0 flood warnings and 9 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