

NESO
National Electricity
Transmission
System
Status report

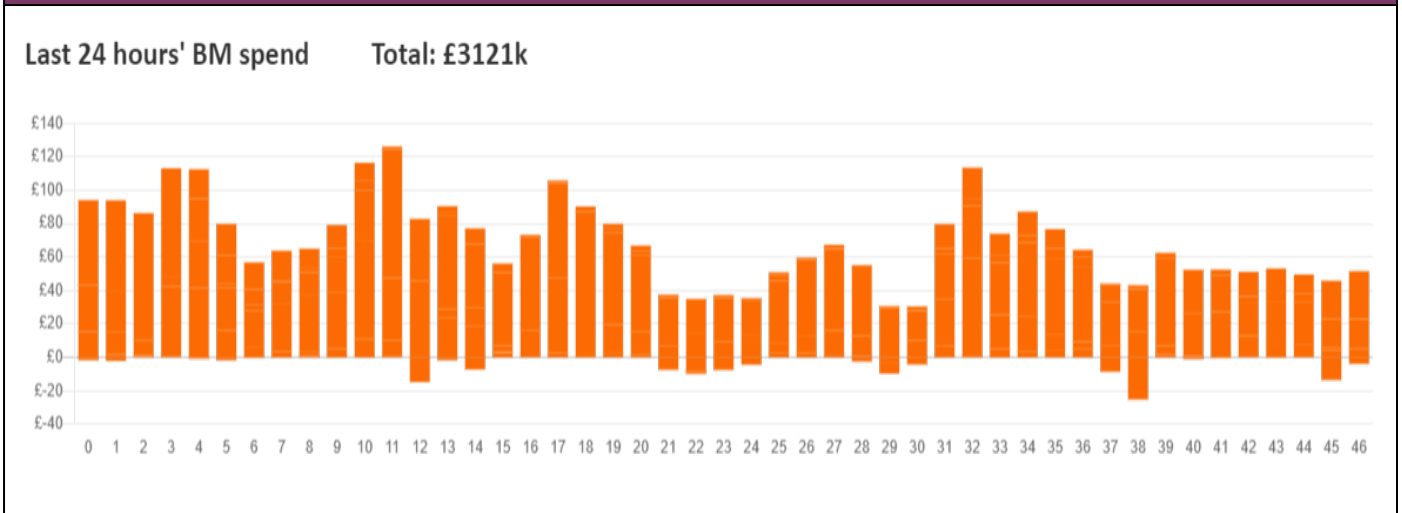


NESO National Electricity Transmission System Status Report
Thursday 30 January 2025

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	7,608 MW (SP 37)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560MW

Balancing Costs



Yesterday's Market Summary

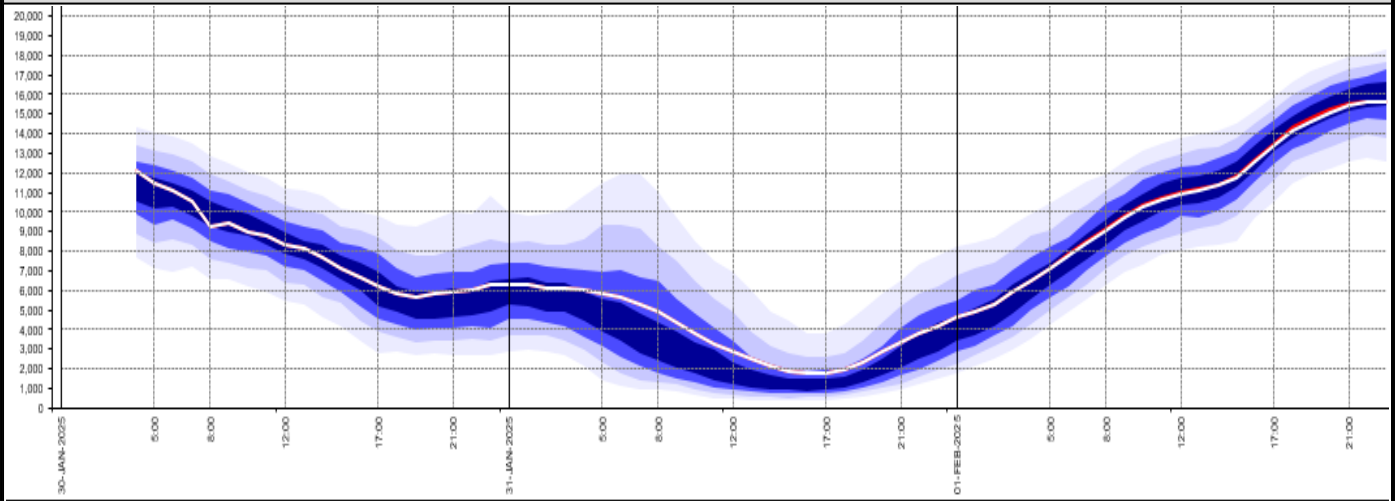
Cash Out Price (Max)	£156 /MWh (SP 36)
Cash Out Price (Min)	£-1.57 /MWh (SP 4,31)
Peak Demand Yesterday	41,886 MW
Minimum Demand	24,270 MW

Interconnector

Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	2000	2000	Fully 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)	500	500	Fully Available

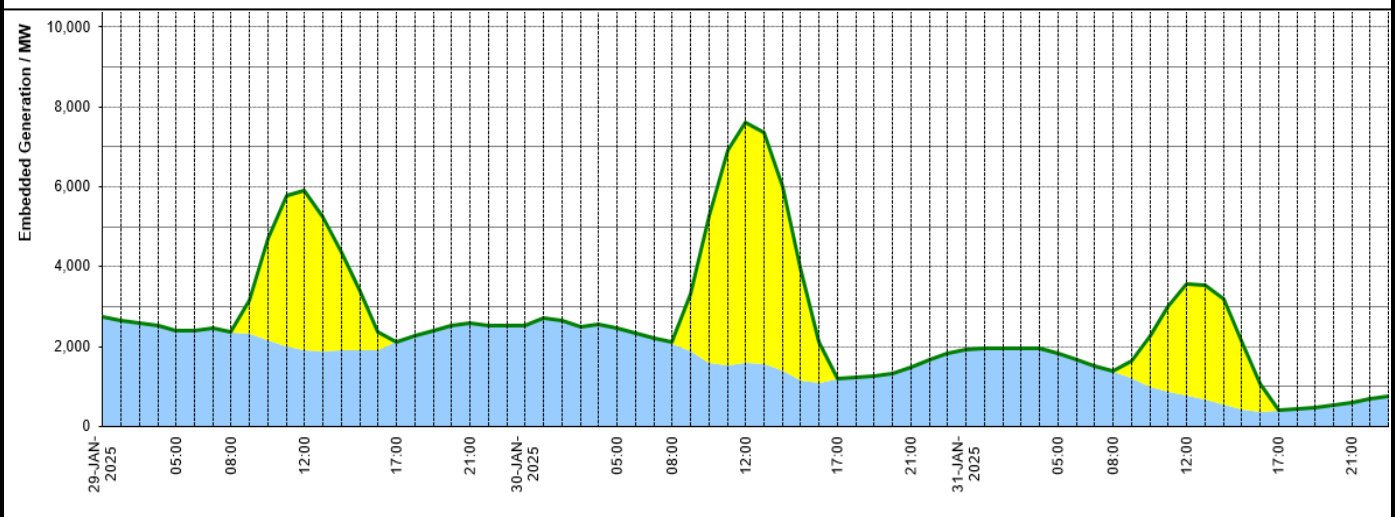
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	29-JAN-2025					30-JAN-2025					31-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	0	3992	3	0	0	0	63	5991	37	0	0	0	16	2792	21	0
Wind (MW)	2393	2356	1900	2117	2600	2520	2455	2051	1603	1168	1488	1937	1836	1373	768	397	600
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2393	2356	5892	2120	2600	2520	2455	2114	7594	1205	1488	1937	1836	1389	3560	418	600



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Most places dry with frost and any fog clearing to leave plenty of sunshine, with gentle winds. Blustery showers far northeast, and rain arriving in the far northwest towards evening.</p> <p>Tonight: Rain clearing from southern England this evening, leaving most areas dry overnight. Clear spells with frost and patchy fog. Scattered blustery showers persisting far north and northwest, with icy patches developing across parts of Northern Ireland and northern Scotland..</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 Ice 22:00 Wed 29 UTC 10:00 Today Regions and local authorities affected:</p>

Weather	Source	Commentary
		<p>Grampian Aberdeen Aberdeenshire Moray Highlands & Eilean Siar Na h-Eileanan Siar Highland Northern Ireland County Antrim County Fermanagh County Londonderry County Tyrone Strathclyde Argyll and Bute</p> <hr/> <p>Flood Warnings 14 flood warnings and 118 flood alerts issued for England.</p> <p>0 flood warnings and 0 flood alerts issued for Scotland.</p> <p>0 flood warnings and 2 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