

NESO
National Electricity
Transmission
System
Status report

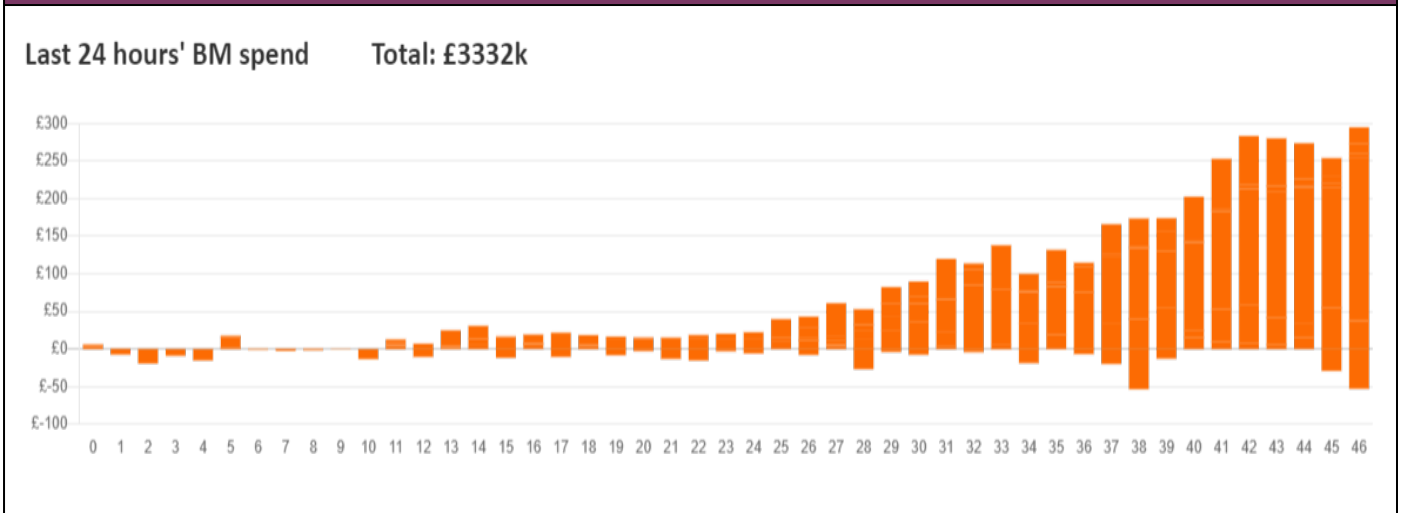


NESO National Electricity Transmission System Status Report
Sunday 29 December 2024

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	19,142 MW (SP 43)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	750 MW

Balancing Costs



Yesterday's Market Summary

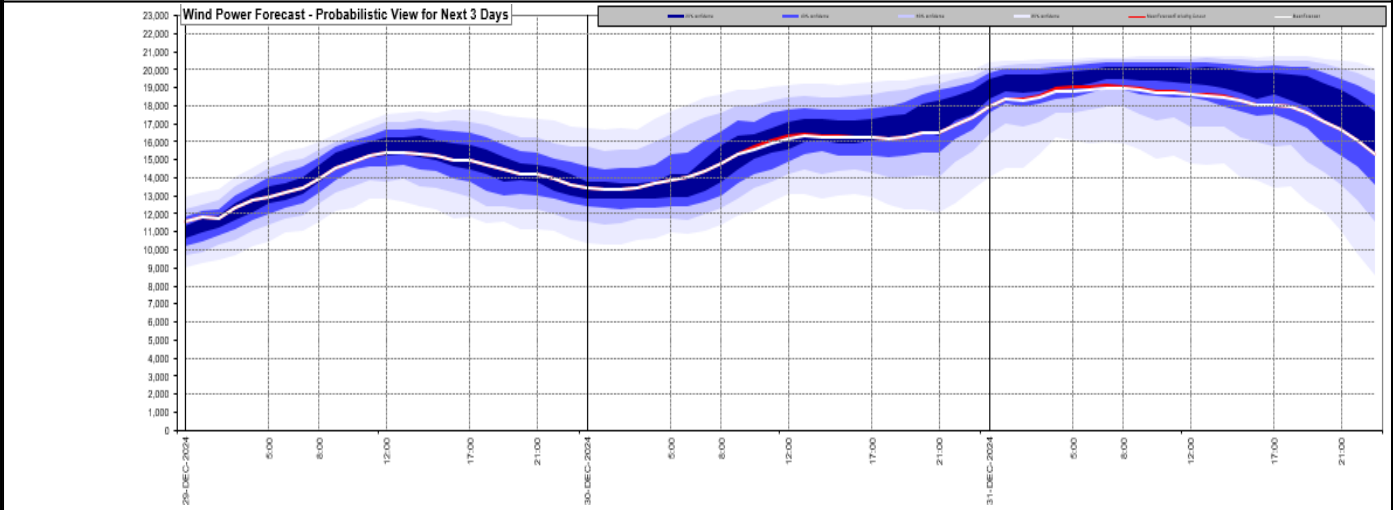
Cash Out Price (Max)	£137.50 /MWh (SP 33)
Cash Out Price (Min)	£49.00 /MWh (SP 34,38)
Peak Demand Yesterday	37,289 MW
Minimum Demand	22,802 MW

Interconnector

Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	0	0	Unplanned Outage
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	0	0	Planned outage
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	1430	1430	Fully Available
Ireland (GreenLink)	0	0	Not yet commissioned

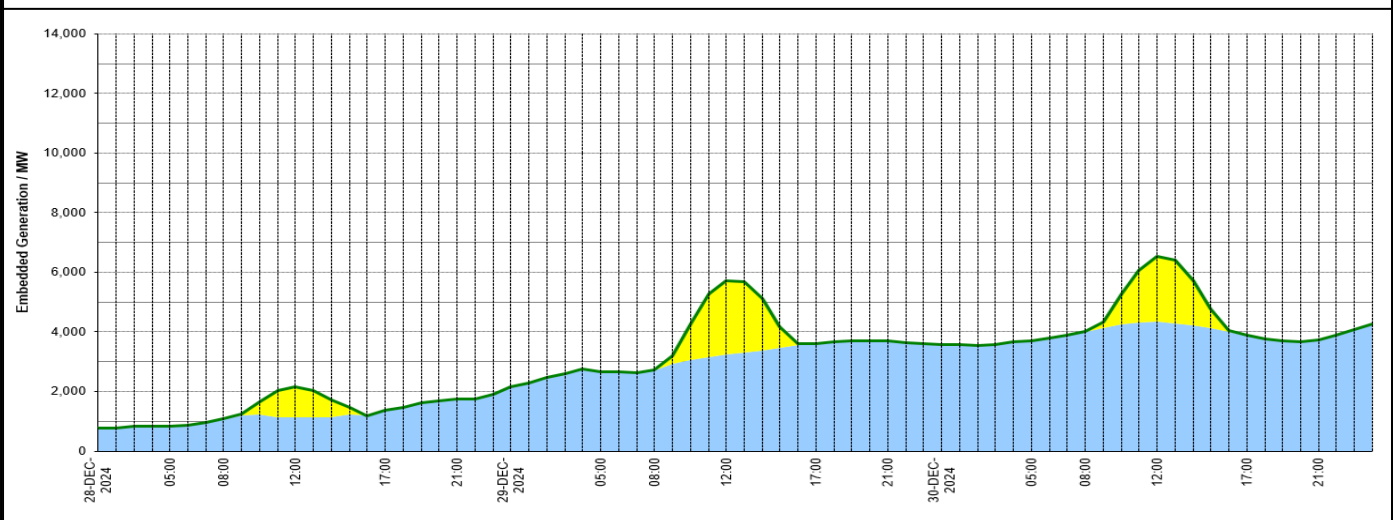
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	28-DEC-2024					29-DEC-2024					30-DEC-2024						
	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	1026	0	0	0	0	0	2467	0	0	0	0	0	2197	0	0
Wind (MW)	844	1078	1147	1378	1735	2144	2673	2719	3239	3617	3696	3578	3707	4008	4351	3876	3735
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	844	1078	2173	1378	1735	2144	2673	2719	5706	3617	3696	3578	3707	4008	6548	3876	3735



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Wet and windy in the north, with heavy outbreaks of rain across Scotland. More settled further south, although cloudy to start, before sunny spells develop into the afternoon. Staying cloudy across western hills, with persistent patchy drizzle in places.</p> <p>Tonight: Widely cloudy with rain sinking slowly southwards across Scotland, falling as snow across the higher ground. Patchy rain elsewhere, though feeling chilly beneath clearer skies in the far south.</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 rain and snow Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar SW Scotland, Lothian Borders Strathclyde</p> <p>Starts: 00:00 GMT on Mon 30 December</p> <p>Ends: 23:59 GMT on Tue 31 December</p> <p>Heavy rain and snow may bring significant disruption in the build up to New Year.</p> <p>- Homes and businesses could be flooded, causing damage to some buildings</p>

Weather	Source	Commentary
		<ul style="list-style-type: none"> - Delays or cancellations to train and bus services are possible from rain or snow - Spray and flooding will lead to difficult driving conditions and some road closures, with longer journey times by road, bus and train services - Some communities may be cut off - Fast flowing or deep floodwater is possible, causing a danger to life - Power cuts may occur and other services, such as mobile phone coverage, may be affected <p>Issued at: 10:37 GMT on Fri 27 December</p> <p>Last updated: 17 hours agoLast updated: 17 hours ago</p> <p>Yellow warning of wind Areas affected: North East England North West England Yorkshire & Humber</p> <p>Starts: 11:00 GMT on Mon 30 December</p> <p>Ends: 18:00 GMT on Mon 30 December</p> <p>Strong winds may lead to some disruption.</p> <ul style="list-style-type: none"> - Some short term loss of power and other services is possible - Probably some bus and train services affected, with some journeys taking longer - Some delays to road and rail transport are likely - Delays for high-sided vehicles on exposed routes likely <p>Issued at: 10:22 GMT on Sat 28 December</p> <p>Flood Warnings</p> <p>0 flood warnings and 11 flood alerts issued for England.</p> <p>0 flood warnings 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