

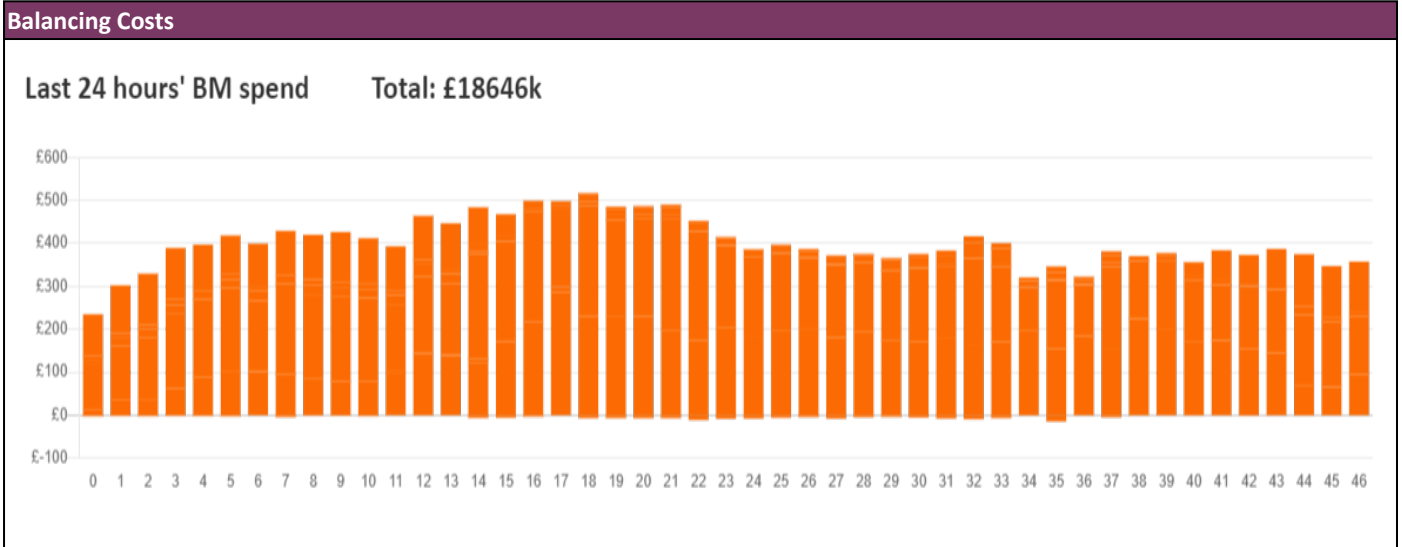
NESO
National Electricity
Transmission
System
Status report



NESO National Electricity Transmission System Status Report
Sunday 22 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	17,961 MW (SP 36)	
Current BMU Largest Loss Risk	Generation	1500MW
	Demand	1050MW



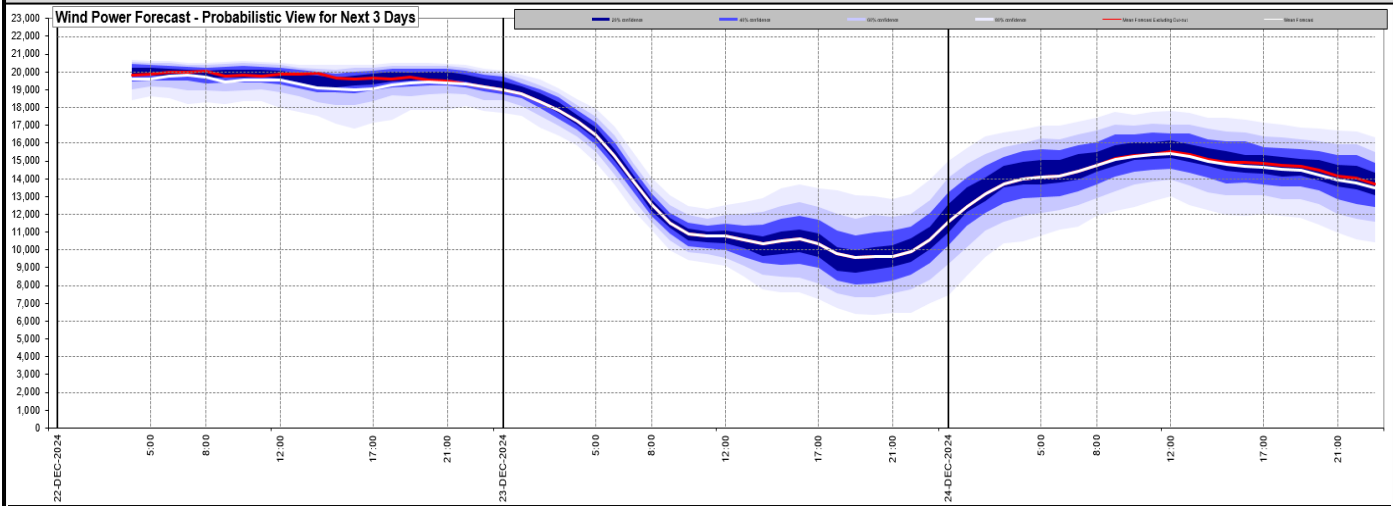
Yesterday's Market Summary

Cash Out Price (Max)	£35.44/MWh (SP 34)
Cash Out Price (Min)	£-6.42/MWh (SP 13)
Peak Demand Yesterday	34,593 MW
Minimum Demand	20,000 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)	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	1430	1430	Fully Available
Ireland (GreenLink)	0	0	Not yet commissioned

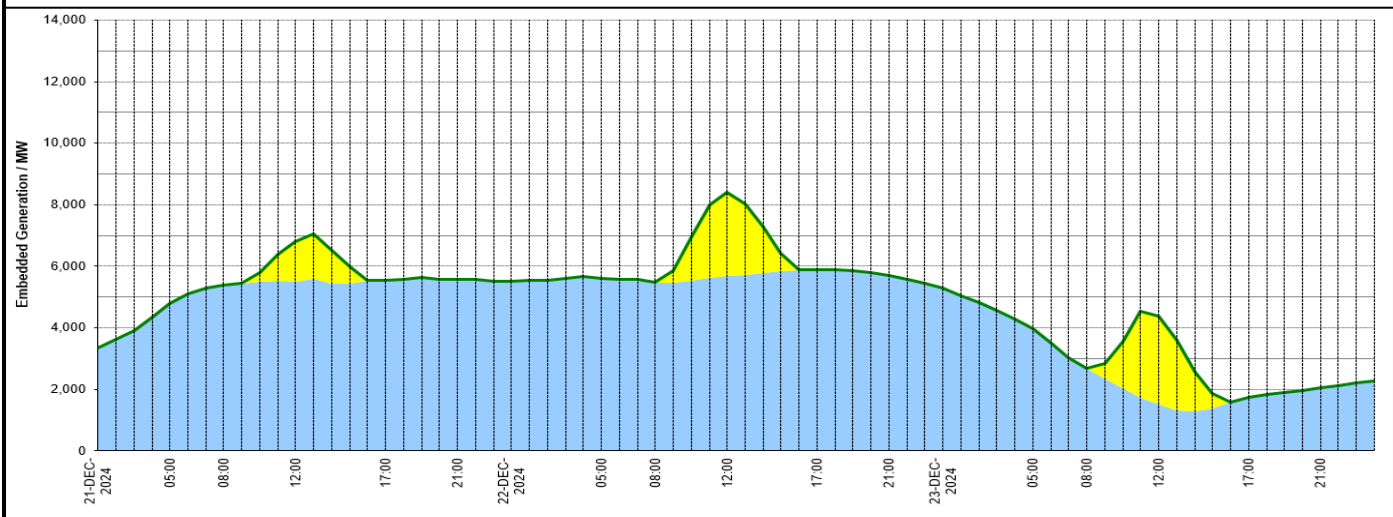
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates													Last run: 22-Dec-2024 04:32:05				
	21-DEC-2024					22-DEC-2024					23-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	1298	0	0	0	0	0	2707	0	0	0	0	0	2888	0	0
Wind (MW)	4797	5381	5507	5543	5570	5507	5597	5476	5683	5898	5704	5284	3964	2679	1491	1743	2058
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	4797	5381	6805	5543	5570	5507	5597	5476	8390	5898	5704	5284	3964	2679	4379	1743	2058



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Widely windy with gales, severe in the north and west. Frequent showers arriving from the northwest, heavy with hail and providing snow over hills before gradually fading later. Sunny spells in between, but feeling very cold in the strong winds.</p> <p>Tonight: Showers becoming confined to far eastern coasts and winds slowly moderating. Clear spells overnight for most, but cloud building in the west towards dawn. Touch of frost in sheltered spots.</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 wind</p> <p>Areas affected: Central, Tayside & Fife East Midlands Grampian Highlands & Eilean Siar London & South East England North East England North West England Northern Ireland SW Scotland, Lothian Borders South West England Strathclyde Wales West Midlands Yorkshire & Humber</p>

Weather	Source	Commentary
		<p>Started at: 00:00 GMT on Sun 22 December</p> <p>Ends: 21:00 GMT on Sun 22 December</p> <p>A prolonged period of strong winds will likely lead to some disruption over the weekend, especially to travel.</p> <ul style="list-style-type: none"> - Some delays to road, rail, air and ferry transport are likely - Probably some bus and train services affected, with some journeys taking longer - Delays for high-sided vehicles on exposed routes and bridges likely - It's likely that some coastal routes, sea fronts and coastal communities will be affected by spray and/or large waves - Some short term loss of power and other services is possible <p>Flood Warnings</p> <p>0 flood warnings and 40 flood alerts issued for England.</p> <p>2 flood warnings and 8 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