

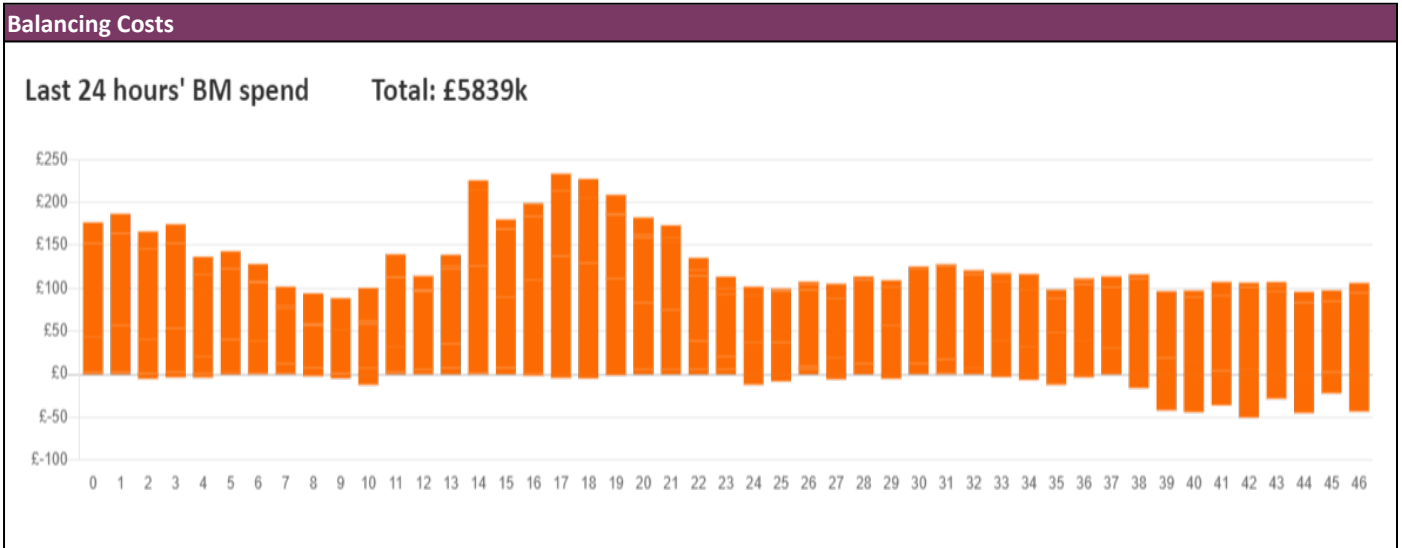
NESO
National Electricity
Transmission
System
Status report



NESO National Electricity Transmission System Status Report
Wednesday 08 January 2025

Today's High Level Risk Status Forecast for the next 24h			
General Status	Yellow	Voltage	Green
Demand	Green	System Inertia	Green
System Margins	Yellow	Weather	Green
Generation	Green	Transmission	Green
Active Constraints	Green		
System Warning	Yellow	Electricity Margin Notice issued - 1700MW shortfall between 16:00 and 19:00	

Today's Minimum De-Rated Margin	658 MW (SP 35)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW



Yesterday's Market Summary

Cash Out Price (Max)	136 £/MWh (SP 32,33,34)
Cash Out Price (Min)	50 £/MWh (SP 31,37)
Peak Demand Yesterday	46,738 MW
Minimum Demand	26,490 MW

Interconnector Net Transfer Capacity (MWs)

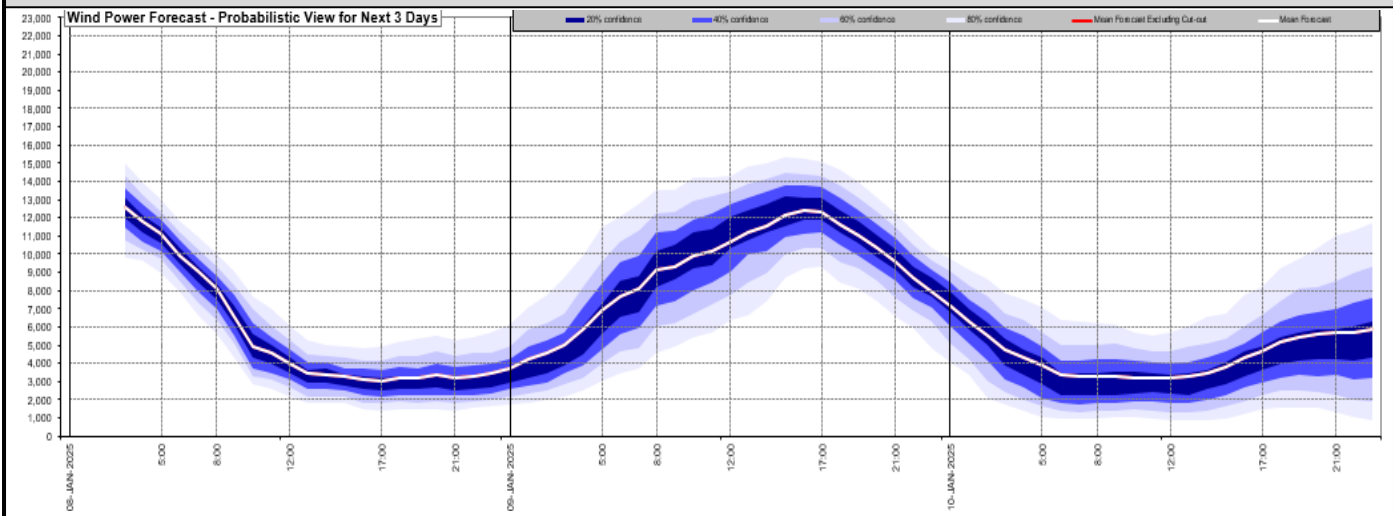
Today	Import	Export	Remarks
Netherlands (BritNed)	0	0	Unplanned Outage
France (IFA)	1500	1500	Partially Available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	500	Fully Available
France (ElecLink)	0	0	Outage
Northern Ireland (MOYLE)	450	450	Fully Available
Norway (NSL)	1400	1400	Fully Available
France (IFA2)	1000	1000	Fully Available

Interconnector

Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Viking Link	700	700	Partially Available - Pole outage
Ireland (GreenLink)	0	0	Not yet commissioned

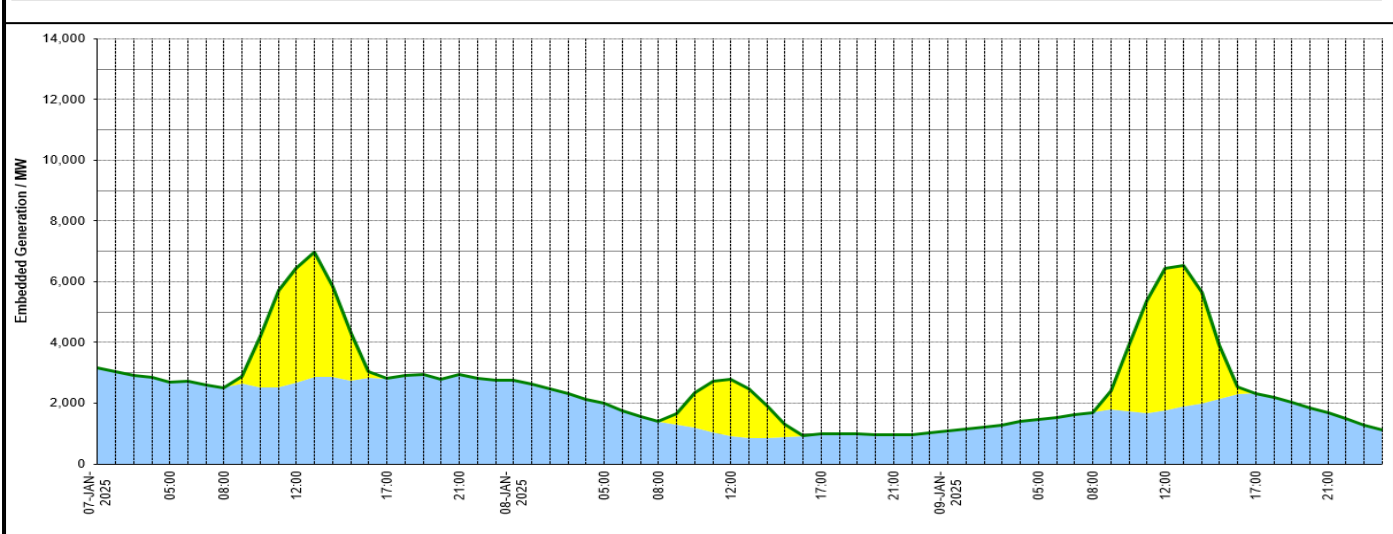
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	07-JAN-2025					08-JAN-2025					09-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	3757	0	0	0	0	0	1883	0	0	0	0	0	4663	0	0
Wind (MW)	2707	2512	2693	2805	2932	2762	1992	1399	916	980	962	1078	1481	1701	1769	2327	1681
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2707	2512	6450	2805	2932	2762	1992	1399	2799	980	962	1078	1481	1701	6432	2327	1681



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Staying cold, dry and sunny for many through the day, though wintry showers will continue across Scotland and Northern Ireland. A few lingering fog patches too. Outbreaks of rain, sleet and snow pushing eastwards across southern counties of England. Tonight: Sleet and snow clearing the south this evening, then becoming dry overnight. Freezing fog patches forming, with icy stretches. A few wintry showers continuing in the northwest. A severe frost.
General Weather Concerns e.g. wind, rain, snow,	Met Office Weather Warnings	UK Weather Warnings Yellow warning of snow and ice Areas affected: Grampian Highlands & Eilean Siar Orkney & Shetland SW Scotland,

Weather	Source	Commentary
flooding, GB Weather Warnings	SEPA Natural Resources Wales	<p>Lothian Borders Strathclyde</p> <p>ACTIVE Started at: 12:00 GMT on Tue 7 January Ends: 12:00 GMT on Wed 8 January Further rain, sleet and snow showers leading to some travel disruption</p> <ul style="list-style-type: none"> - Some roads and railways likely to be affected with longer journey times by road, bus and train services - Some injuries from slips and falls on icy surfaces - Probably some icy patches on some untreated roads, pavements and cycle paths <p>Issued at: 09:14 GMT on Tue 7 January</p> <p>Yellow warning of snow and ice Areas affected: Northern Ireland</p> <p>ACTIVE Started at: 15:00 GMT on Tue 7 January Ends: 12:00 GMT on Wed 8 January Snow and icy patches leading to some disruption to travel</p> <ul style="list-style-type: none"> - Some roads and railways likely to be affected with longer journey times by road, bus and train services - Some injuries from slips and falls on icy surfaces - Probably some icy patches on some untreated roads, pavements and cycle paths <p>Issued at: 09:14 GMT on Tue 7 January</p> <p>Yellow warning of ice Areas affected: East Midlands North West England Wales West Midlands Yorkshire & Humber</p> <p>ACTIVE Started at: 17:00 GMT on Tue 7 January Ends: 12:00 GMT on Wed 8 January Icy stretches leading to some impacts to transport</p> <ul style="list-style-type: none"> - Some injuries from slips and falls on icy surfaces - Probably some icy patches on some untreated roads, pavements and cycle paths <p>Issued at: 15:37 GMT on Tue 7 January</p> <p>Yellow warning of snow Areas affected: East of England London & South East England South West England</p> <p>Starts: 09:00 GMT on Wed 8 January Ends: 23:59 GMT on Wed 8 January A weather system may push snow into some southern counties of England on Wednesday, which could then prove disruptive.</p> <ul style="list-style-type: none"> - There is a small chance of travel delays on roads with some stranded vehicles and passengers, along with delayed or cancelled rail and air travel - There is a slight chance that some rural communities could become cut off, most likely in upland areas - There is a small chance that power cuts will occur and other services, such as mobile phone coverage, may be affected <p>Issued at: 10:20 GMT on Mon 6 January.</p>
		<p>Flood Warnings</p> <p>101 flood warnings and 199 flood alerts issued for England.</p> <p>0 flood warnings and 0 flood alerts issued for Scotland.</p> <p>1 flood warnings and 6 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