

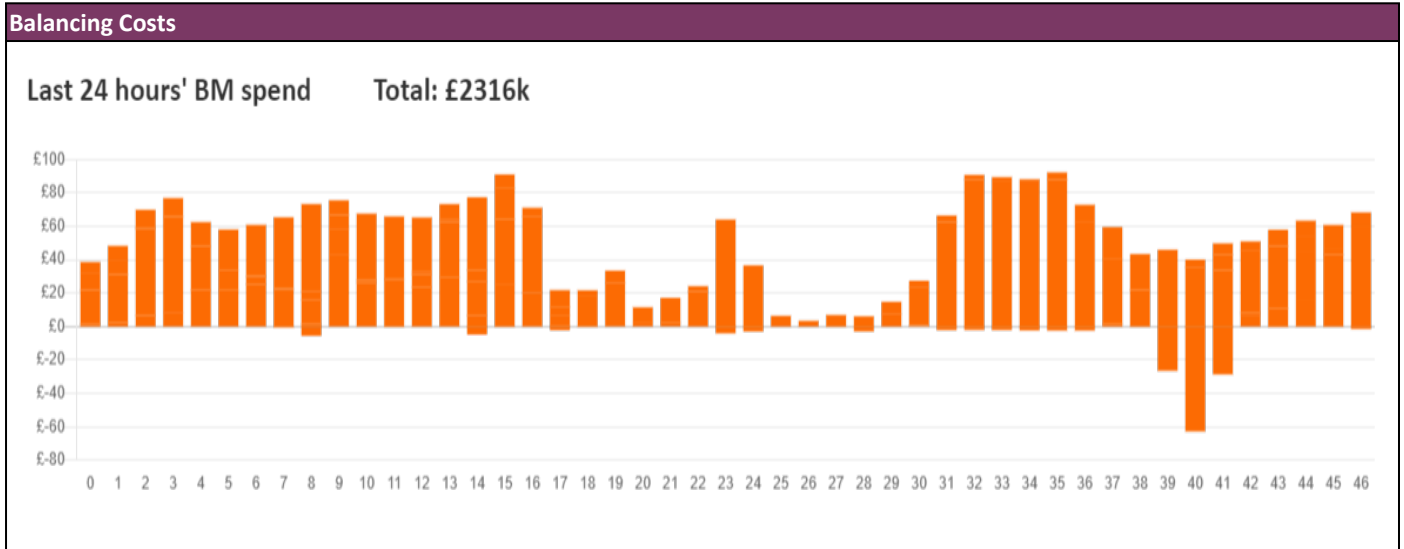
NESO
National Electricity
Transmission
System
Status report



NESO National Electricity Transmission System Status Report
Monday 06 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	13,861 MW (SP 34)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW



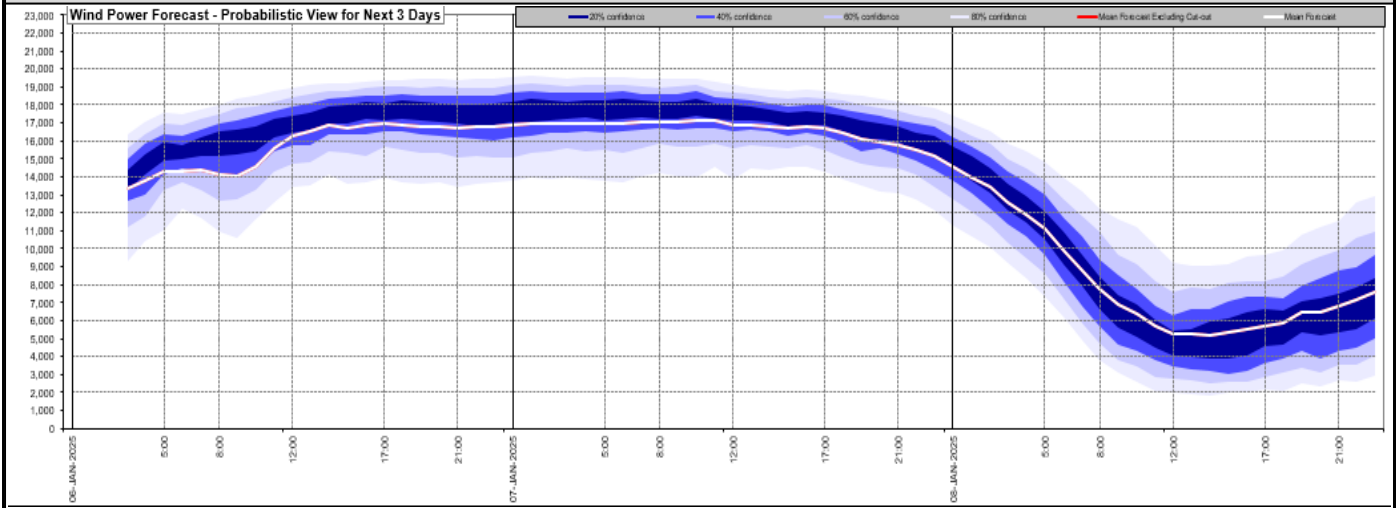
Yesterday's Market Summary

Cash Out Price (Max)	151.68 £/MWh (SP 25)
Cash Out Price (Min)	60.06 £/MWh (SP 10)
Peak Demand Yesterday	40,328 MW
Minimum Demand	22,210 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
Viking Link	700	700	Partially Available - Pole outage
Ireland (GreenLink)	0	0	Not yet commissioned

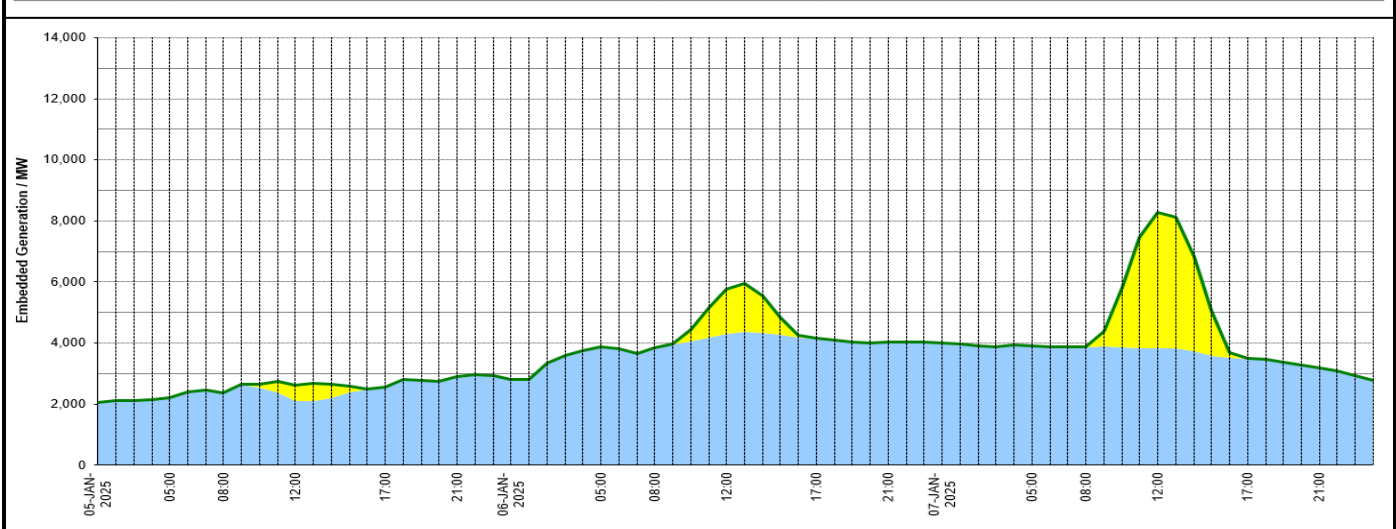
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	05-JAN-2025					06-JAN-2025					07-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	514	0	0	0	0	0	1446	0	0	0	0	0	4422	0	0
Wind (MW)	2199	2357	2093	2557	2908	2818	3869	3833	4305	4150	4021	4009	3896	3877	3840	3498	3198
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2199	2357	2607	2557	2908	2818	3869	3833	5751	4150	4021	4009	3896	3877	8262	3498	3198



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Rain and snow clears eastwards, with brighter skies to follow. Staying cold in brisk northerly winds, with hail, sleet and snow showers expected throughout the day. Gales around some coasts.</p> <p>Tonight: Unsettled with further snow across the north, and heavy rain spreading eastwards in the south. Turning colder overnight, with snow returning to parts of England and Wales by Monday morning.</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 Amber warning of snow Areas affected: North East England North West England Yorkshire & Humber</p> <p>ACTIVE Started at: 21:00 GMT on Sat 4 January Ends: 06:00 GMT on Mon 6 January Snow expected to lead to further disruption during Sunday night across northern England.</p> <ul style="list-style-type: none"> - Travel delays on roads, stranding some vehicles and passengers - Delays and cancellations to rail and air travel is expected

Weather	Source	Commentary
		<p>- Some rural communities cut off - Power cuts and other services, such as mobile phone coverage, affected</p> <p>Issued at: 10:49 GMT on Fri 3 January Last updated: 7 hours ago Last updated: 7 hours ago</p> <p>Yellow warning of snow Areas affected: Central, Tayside & Fife SW Scotland, Lothian Borders Strathclyde</p> <p>ACTIVE Started at: 00:00 GMT on Sun 5 January Ends: 12:00 GMT on Mon 6 January Heavy snow on Sunday and overnight into Monday may cause some disruption.</p> <p>- There is a 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 - There is a small chance that power cuts will occur and other services, such as mobile phone coverage, may be affected</p> <p>Issued at: 11:07 GMT on Thu 2 January Last updated: 18 hours ago Last updated: 18 hours ago</p> <p>Yellow warning of rain Areas affected: East Midlands London & South East England North West England South West England Wales West Midlands Yorkshire & Humber</p> <p>ACTIVE Started at: 06:00 GMT on Sun 5 January Ends: 08:00 GMT on Mon 6 January Heavy rain and also thawing snow leading to some flooding in places.</p> <p>- Bus and train services probably affected with journey times taking longer - Spray and flooding on roads probably making journey times longer</p> <p>Issued at: 09:34 GMT on Sat 4 January Last updated: 5 hours ago Last updated: 5 hours ago</p> <p>Yellow warning of rain Areas affected: East of England London & South East England South West England</p> <p>ACTIVE Started at: 08:51 GMT on Sun 5 January Ends: 09:00 GMT on Mon 6 January Further heavy rainfall may lead to some transport disruption in places.</p> <p>- Bus and train services probably affected with journey times taking longer - Spray and flooding on roads probably making journey times longer - Flooding of a few homes and businesses is possible</p> <p>Issued at: 08:51 GMT on Sun 5 January Last updated: 8 hours ago Last updated: 8 hours ago</p> <p>Yellow warning of snow and ice Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar SW Scotland, Lothian Borders Strathclyde</p> <p>ACTIVE Started at: 09:00 GMT on Sun 5 January Ends: 12:00 GMT on Mon 6 January Snow showers and icy patches will bring the potential for some disruption.</p> <p>- 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> <p>Issued at: 10:04 GMT on Sat 4 January Last updated: 18 hours ago Last updated: 18 hours ago</p>

Weather	Source	Commentary
		<p>Yellow warning of snow and ice Areas affected: Highlands & Eilean Siar North West England SW Scotland, Lothian Borders Strathclyde</p> <p>ACTIVE Started at: 12:00 GMT on Sun 5 January Ends: 11:00 GMT on Mon 6 January Further snow in places, along with icy stretches developing, brings the potential for some disruption, especially 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: 10:16 GMT on Sun 5 January</p> <p>Yellow warning of snow and ice Areas affected: East Midlands North East England North West England Wales West Midlands Yorkshire & Humber</p> <p>ACTIVE Started at: 00:00 GMT on Mon 6 January Ends: 12:00 GMT on Mon 6 January Further snow in places, along with icy stretches, leading to some disruption, especially to travel.</p> <ul style="list-style-type: none"> - Some roads and railways affected with longer journey times by road, bus and train services - Some injuries from slips and falls on icy surfaces - Icy patches on some untreated roads, pavements and cycle paths <p>Issued at: 10:22 GMT on Sun 5 January Last updated: an hour ago Last updated: an hour ago</p> <p>Yellow warning of ice Areas affected: Northern Ireland</p> <p>ACTIVE Started at: 00:00 GMT on Mon 6 January Ends: 11:00 GMT on Mon 6 January Icy stretches developing during the early hours of Monday, bringing some disruption, especially to travel.</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: 11:19 GMT on Sun 5 January</p> <p>Flood Warnings 88 flood warnings and 262 flood alerts issued for England. 0 flood warnings and 0 flood alerts issued for Scotland. 3 flood warnings and 32 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

Further Information	
Forecast Volumes and Costs	https://www.neso.energy/industry-information/industry-data-and-reports/forecast-volumes-and-costs