

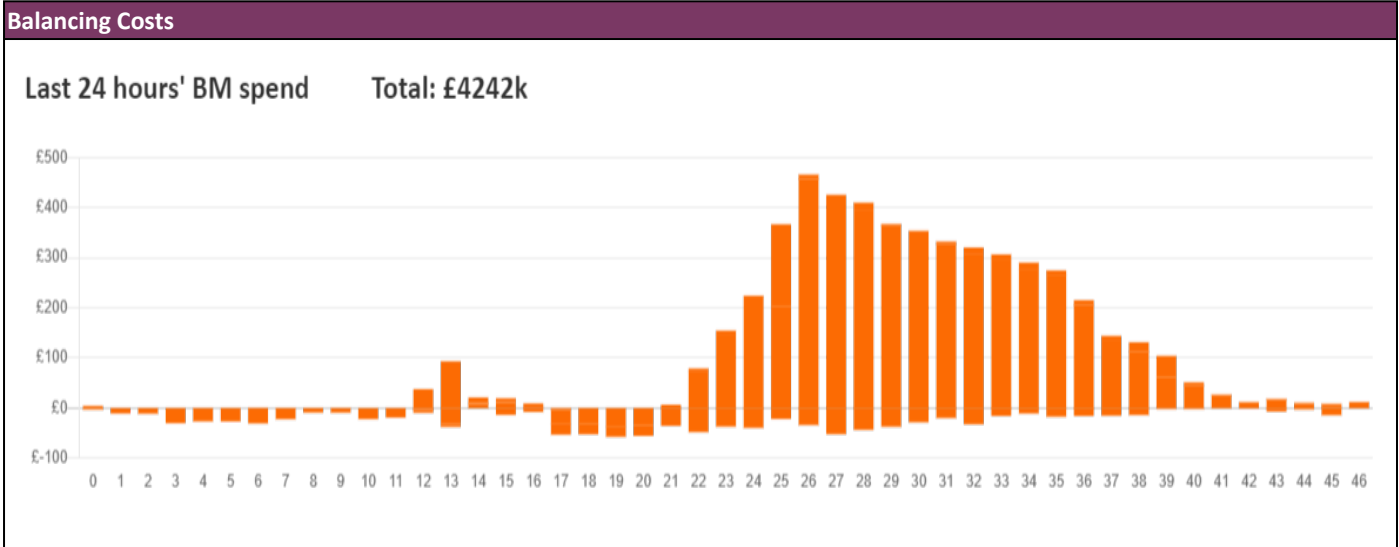
NESO
National Electricity
Transmission
System
Status report



NESO National Electricity Transmission System Status Report
Thursday 23 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	11138 MW (SP 18)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW



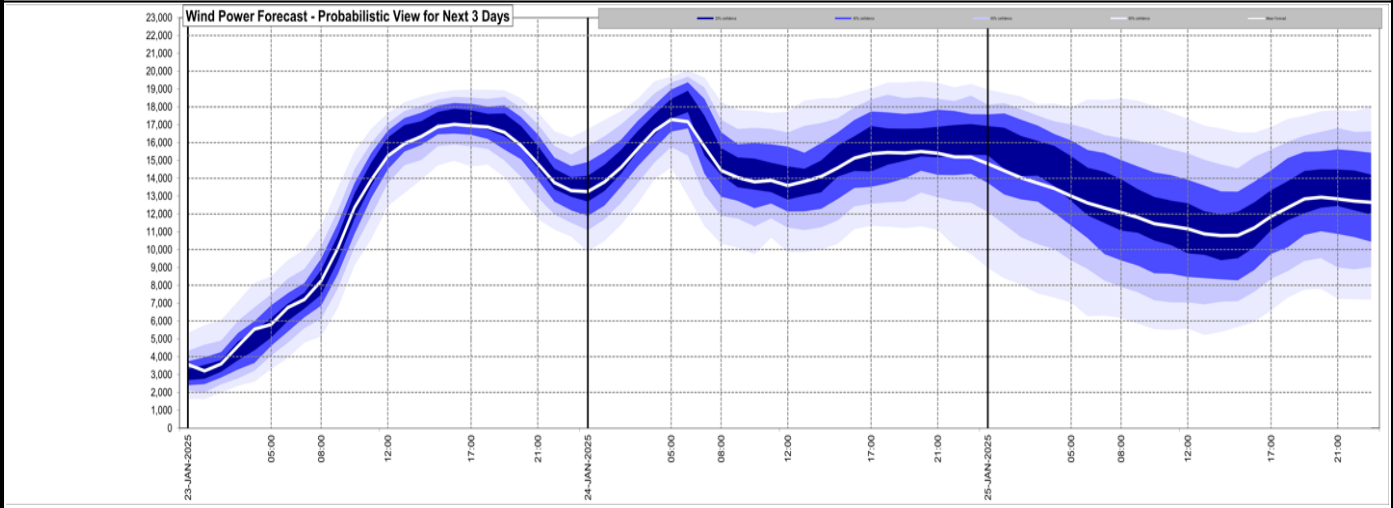
Yesterday's Market Summary

Cash Out Price (Max)	£450.00 /MWh (SP 15)
Cash Out Price (Min)	£86.87/MWh (SP 6)
Peak Demand Yesterday	43,656 MW
Minimum Demand	29,767 MW

Interconnector Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	0	0	Unplanned Outage
France (IFA)	1000	1000	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
Ireland (GreenLink)	0	0	Not yet commissioned

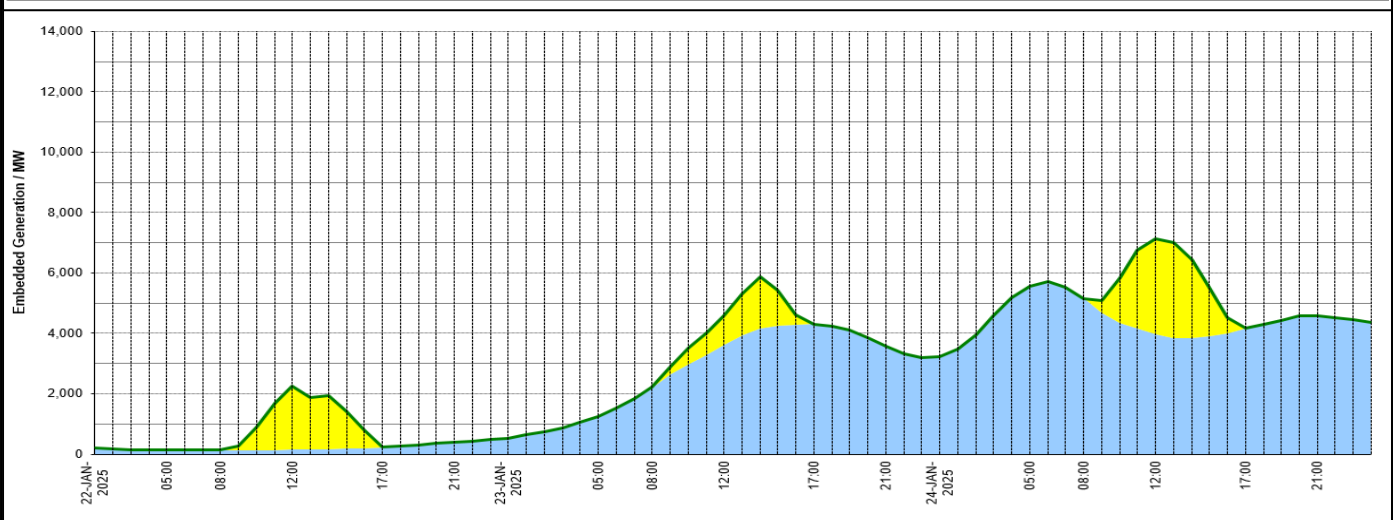
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	22-JAN-2025					23-JAN-2025					24-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	2094	0	0	0	0	0	959	0	0	0	0	0	3186	0	0
Wind (MW)	131	138	144	233	386	545	1247	2211	3630	4308	3578	3215	5570	5151	3957	4164	4588
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	131	138	2238	233	386	526	1247	2211	4589	4308	3578	3215	5570	5151	7143	4164	4588



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Frost and fog clearing, then a bright start for many. A band of wet and windy weather sweeping eastwards across most areas, followed by brighter skies with some blustery showers in the west but the late afternoon and evening.</p> <p>Tonight: Rain moves off to the east, leaving a mostly dry and clear evening across much of the UK. Storm Éowyn moves into the west by the early hours.</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 Areas affected: London & South East England South West England Wales</p> <p>Starts: 07:00 GMT on Thu 23 January Ends: 18:00 GMT on Thu 23 January</p> <p>A spell of strong and gusty winds are expected to move from west to east across the warning area during Thursday.</p> <ul style="list-style-type: none"> - Probably some bus and train services affected, with some journeys taking longer - Delays for high-sided vehicles on exposed routes and bridges likely

Weather	Source	Commentary
		<p>- Some short term loss of power and other services is possible</p> <p>- It's likely that some coastal routes, sea fronts and coastal communities will be affected by spray and/or large waves</p> <p>Issued at: 10:30 GMT on Wed 22 January</p> <p>Yellow warning of rain</p> <p>Areas affected: South West England Wales West Midlands</p> <p>Starts: 00:00 GMT on Fri 24 January</p> <p>Ends: 09:00 GMT on Fri 24 January</p> <p>Heavy rain on Friday morning may cause some local flooding</p> <p>- Flooding of a few homes and businesses is possible</p> <p>- Bus and train services probably affected with journey times taking longer</p> <p>- Spray and flooding on roads probably making journey times longer</p> <p>Issued at: 10:46 GMT on Wed 22 January</p> <p>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 Orkney & Shetland SW Scotland, Lothian Borders South West England Strathclyde Wales West Midlands Yorkshire & Humber</p> <p>Starts: 00:00 GMT on Fri 24 January</p> <p>Ends: 23:59 GMT on Fri 24 January</p> <p>Storm Éowyn is expected to bring very strong winds and some disruption on Friday</p> <p>- Power cuts are likely to occur, with the potential to affect other services, such as mobile phone coverage</p> <p>- Injuries and danger to life could occur from flying debris, as well as large waves and beach material being thrown onto sea fronts, coastal roads and properties</p> <p>- Road, rail, air and ferry services are likely to be affected, with longer journey times and cancellations possible. Some roads and bridges may close.</p> <p>- Some damage to buildings, such as tiles blown from roofs, could happen</p> <p>Issued at: 10:40 GMT on Mon 20 January</p> <p>Last updated: 18 hours agoLast updated: 18 hours ago</p> <p>Yellow warning of snow</p> <p>Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar North East England North West England SW Scotland, Lothian Borders Strathclyde Yorkshire & Humber</p> <p>Starts: 03:00 GMT on Fri 24 January</p> <p>Ends: 12:00 GMT on Fri 24 January</p> <p>Snow for a time on Friday morning may cause some disruption, before easing and/or turning to rain</p> <p>- Some roads and railways likely to be affected with longer journey times by road, bus and train services</p> <p>Issued at: 10:52 GMT on Wed 22 January</p> <p>Yellow warning of wind</p>

Weather	Source	Commentary
		<p>Areas affected: East Midlands East of England London & South East England South West England West Midlands</p> <p>Starts: 05:00 GMT on Fri 24 January</p> <p>Ends: 15:00 GMT on Fri 24 January</p> <p>Storm Éowyn will bring a spell of strong winds for a time on Friday</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 - Some short term loss of power and other services is possible - It's likely that some coastal routes, sea fronts and coastal communities will be affected by spray and/or large waves <p>Issued at: 11:13 GMT on Wed 22 January</p> <p>Amber warning of wind</p> <p>Areas affected: Central, Tayside & Fife East Midlands Grampian Highlands & Eilean Siar North East England North West England Northern Ireland SW Scotland, Lothian Borders Strathclyde Wales Yorkshire & Humber</p> <p>Starts: 06:00 GMT on Fri 24 January</p> <p>Ends: 21:00 GMT on Fri 24 January</p> <p>Storm Éowyn is expected to bring very strong winds and widespread disruption on Friday</p> <ul style="list-style-type: none"> - Power cuts are likely to occur, with the potential to affect other services, such as mobile phone coverage - Injuries and danger to life could occur from flying debris, as well as large waves and beach material being thrown onto sea fronts, coastal roads and properties - Road, rail, air and ferry services are likely to be affected, with longer journey times and cancellations possible. Some roads and bridges will close - There is a chance that damage to buildings and homes could occur, with roofs blown off and power lines brought down <p>Issued at: 11:31 GMT on Tue 21 January</p> <p>Last updated: 18 hours agoLast updated: 18 hours ago</p> <p>Yellow warning of wind</p> <p>Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar Orkney & Shetland SW Scotland, Lothian Borders Strathclyde</p> <p>Starts: 00:00 GMT on Sat 25 January</p> <p>Ends: 15:00 GMT on Sat 25 January</p> <p>Storm Éowyn will continue to bring strong winds into Saturday, with some disruption possible</p> <ul style="list-style-type: none"> - Power cuts may occur, with the potential to affect other services, such as mobile phone coverage - Injuries and danger to life from flying debris are possible - Some damage to buildings, such as tiles blown from roofs, could happen - Road, rail, air and ferry services may be affected, with longer journey times and cancellations possible - Some roads and bridges may close - Injuries and danger to life could occur from large waves and beach material being thrown onto sea fronts, coastal roads and properties

Weather	Source	Commentary
		Issued at: 11:50 GMT on Tue 21 January
		Last updated: 18 hours ago
		Flood Warnings 0 flood warnings and 14 flood alerts issued for England.
		0 flood warnings and 0 flood alerts issued for Scotland.
		0 flood warnings and 0 flood alerts issued for Wales.

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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