

National Electricity Transmission System Status Report

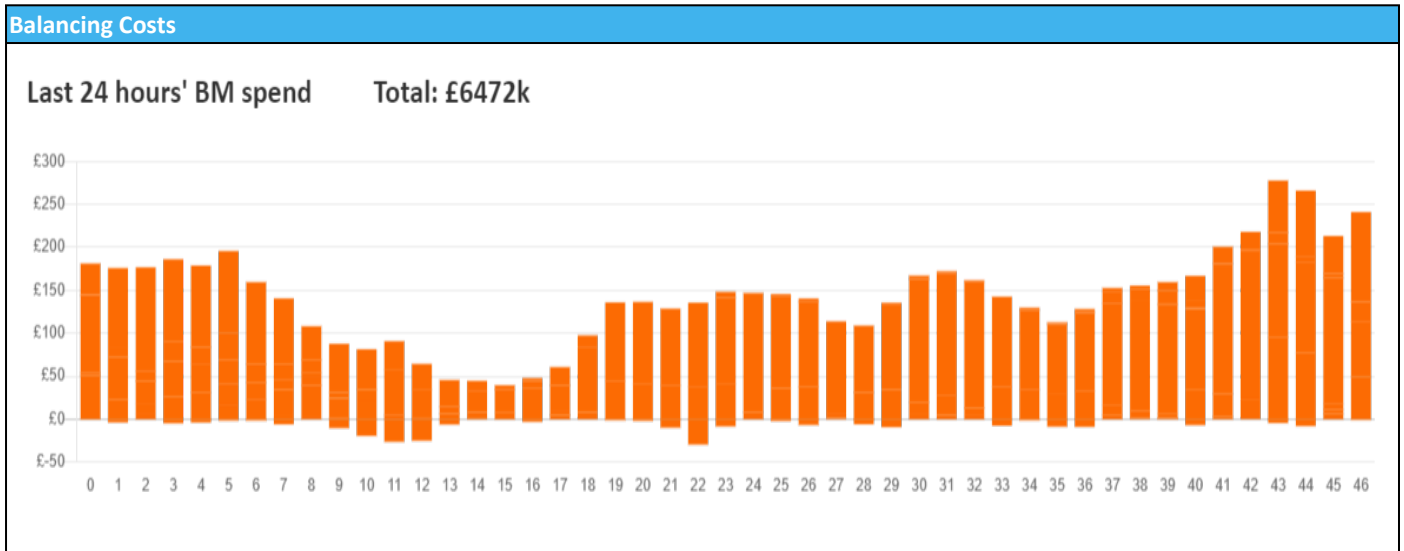


nationalgridESO

National Electricity Transmission System Status Report
Wednesday 24 January 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	21,765 (SP 16)	
Current BMU Largest Loss Risk	Generation	1600 MW
	Demand	560 MW



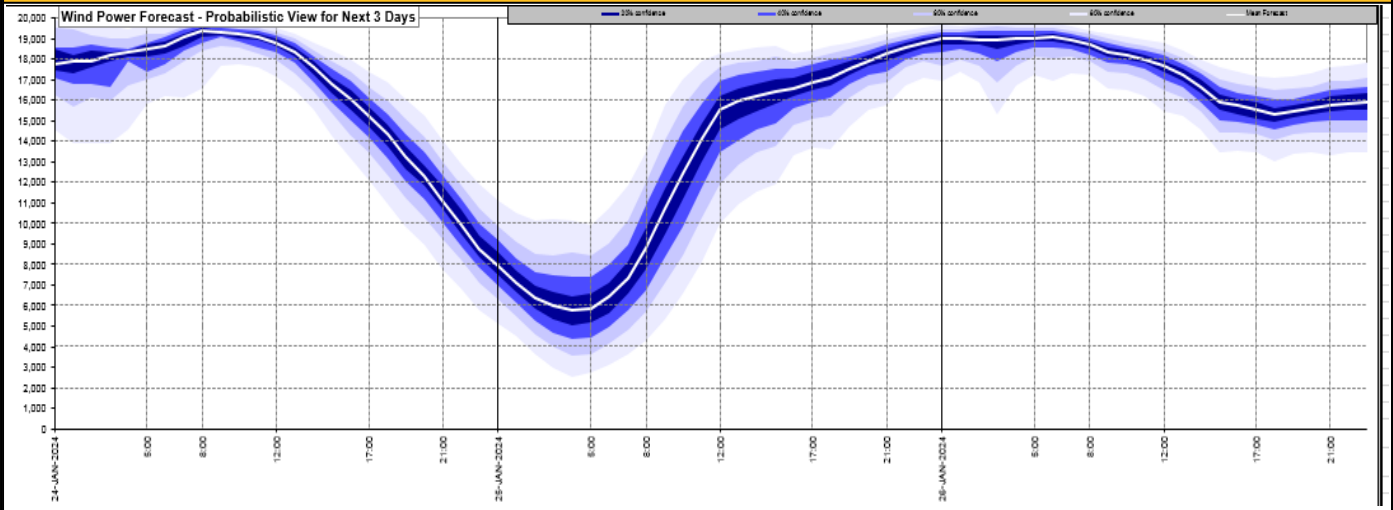
Yesterday's Market Summary

Cash Out Price (Max)	£ 86 (SP 16)
Cash Out Price (Min)	£ -21.5 (SP 4)
Peak Demand Yesterday	39,552 MW
Minimum Demand	20,750 MW

Interconnector Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	500	Fully Available
France (ElecLink)	1000	1000	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available
France (IFA2)	0	0	Unavailable
Viking Link	1430	1430	Fully Available

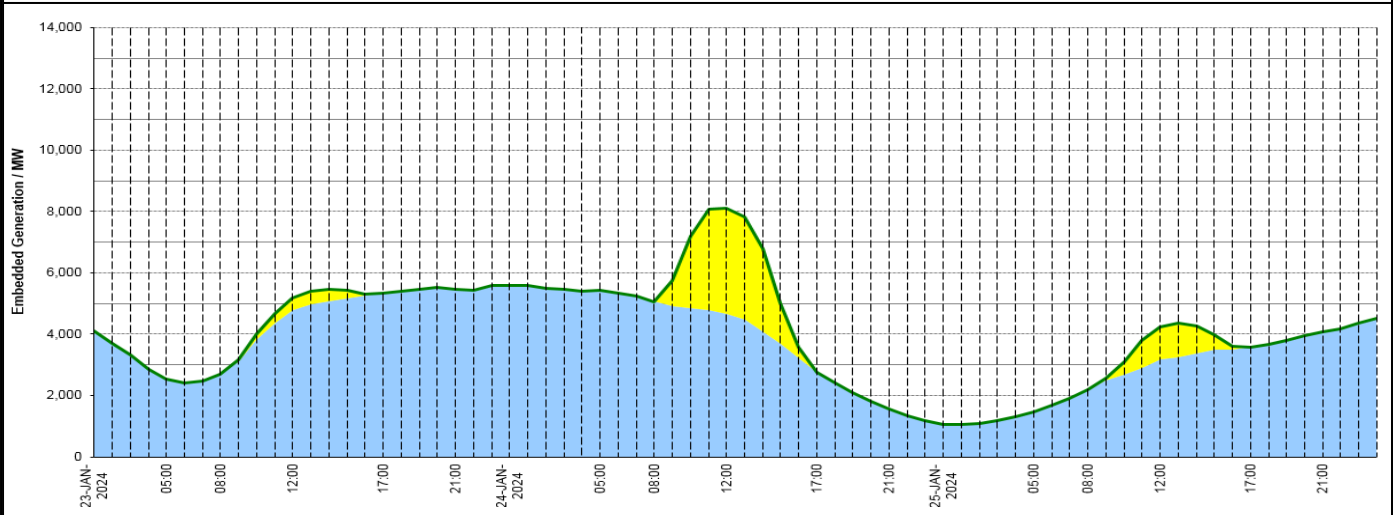
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	23-JAN-2024					24-JAN-2024					25-JAN-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	406	0	0	0	0	0	3439	0	0	0	0	0	1073	0	0
Wind (MW)	2534	2704	4787	5346	5460	5594	5440	5068	4676	2765	1548	1068	1466	2180	3177	3590	4064
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2534	2704	5193	5346	5460	5594	5440	5068	8115	2765	1548	1068	1466	2180	4250	3590	4064



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: A day of sunny spells and blustery showers, though the south will be mainly dry. Winds gradually easing from the south as Storm Jocelyn moves away from the UK. Turning cloudy from the southwest later with patchy light rain.</p> <p>Tonight: Light winds and clear skies with a frost likely in the north and east. Cloud and outbreaks of mostly light rain moving northeast from southwest England.</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: East Midlands East of England London & South East England North East England South West England Wales West Midlands Yorkshire & Humber</p> <p>ACTIVE started at: 12:00 GMT on Tue 23 January Ends: 15:00 GMT on Wed 24 January A spell of strong winds associated with Storm Jocelyn is expected to affect the area leading to some localised disruption.</p> <ul style="list-style-type: none"> - Some delays to road, rail, air and ferry transport expected - Some bus and train services affected, with some journeys taking longer - Delays for high-sided vehicles on exposed routes and bridges - Coastal routes, sea fronts and coastal communities will be affected by spray and/or

Weather	Source	Commentary
		<p>large waves</p> <p>Issued at: 12:01 GMT on Mon 22 January Yellow warning of wind Areas affected: Central, Tayside & Fife East Midlands Grampian Highlands & Eilean Siar North East England North West England Northern Ireland Orkney & Shetland SW Scotland, Lothian Borders Strathclyde Wales West Midlands Yorkshire & Humber</p> <p>ACTIVEStarted at: 16:00 GMT on Tue 23 January Ends: 13:00 GMT on Wed 24 January Strong winds are expected in association with Storm Jocelyn, leading to possible disruption to travel and utilities.</p> <ul style="list-style-type: none"> - Road, rail, air and ferry services may be affected, with longer journey times and cancellations possible - Some roads and bridges may close, often blocked by fallen trees and other debris. - Power cuts may occur, with the potential to affect other services, such as mobile phone coverage - Some damage to buildings, such as tiles blown from roofs, could happen - Any remaining recovery efforts off the back of Storm Isha are likely to be hampered. - There is a chance of Injuries and danger to life from large waves and beach material being thrown onto sea fronts, coastal roads and properties <p>Issued at: 09:59 GMT on Sat 20 January Last updated: 2 days agoLast updated: 2 days ago</p> <p>Amber warning of wind Areas affected: Grampian Highlands & Eilean Siar Orkney & Shetland Strathclyde</p> <p>ACTIVEStarted at: 18:00 GMT on Tue 23 January Ends: 08:00 GMT on Wed 24 January A spell of strong winds associated with Storm Jocelyn is expected to affect western and northern Scotland from Tuesday evening.</p> <ul style="list-style-type: none"> - Probably some damage to buildings, such as tiles blown from roofs - Longer journey times and cancellations likely, as road, rail, air and ferry services may be affected - Some roads and bridges likely to close - There is a good chance that power cuts may occur, with the potential to affect other services, such as mobile phone coverage - Injuries and danger to life is likely from large waves and beach material being thrown onto coastal roads, sea fronts and properties <p>Issued at: 12:02 GMT on Mon 22 January</p> <p>Flood Warnings 21 flood warnings and 101 flood alerts issued for England.</p> <p>37 flood warnings and 14 flood alerts issued for Scotland.</p> <p>0 flood warning and 10 flood alerts issued for Wales</p>

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Further Information	
BM Reports	https://www.bmreports.com
System Balancing Reports	https://www.nationalgrideso.com/industry-information/industry-data-and-reports/system-balancing-reports
Forecast Volumes and Costs	https://www.nationalgrideso.com/industry-information/industry-data-and-reports/forecast-volumes-and-costs