

**National Electricity
Transmission System Status Report**

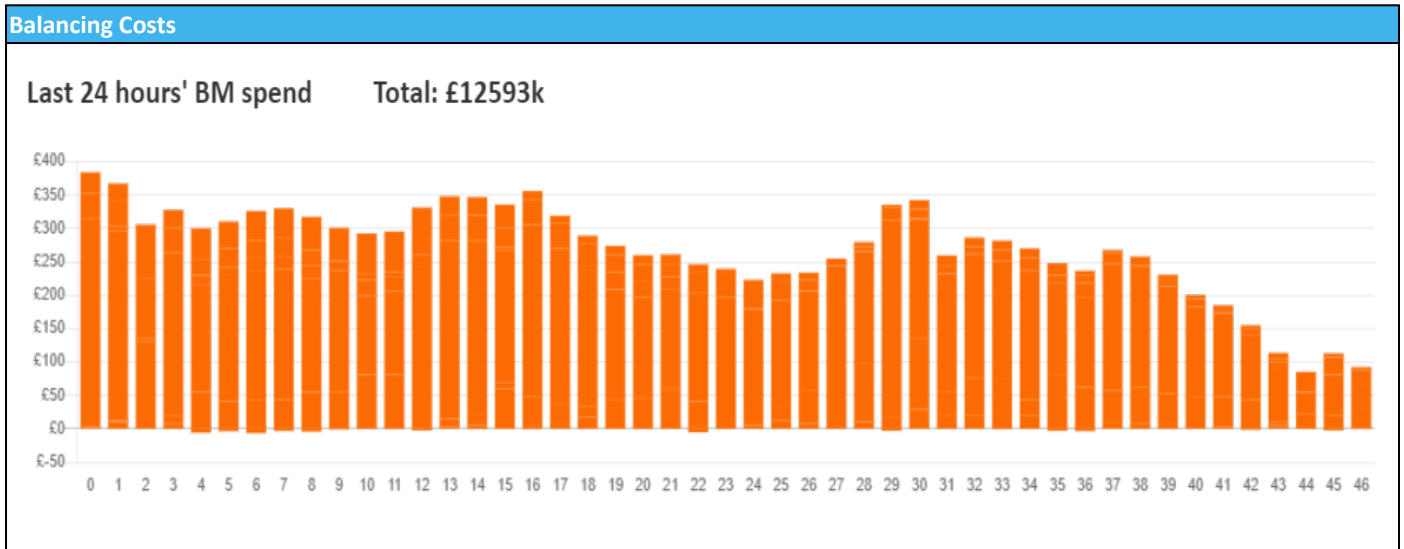


national**grid**ESO

National Electricity Transmission System Status Report
Monday 29 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	26,742 (SP 10)	
Current BMU Largest Loss Risk	Generation	1600 MW
	Demand	560 MW



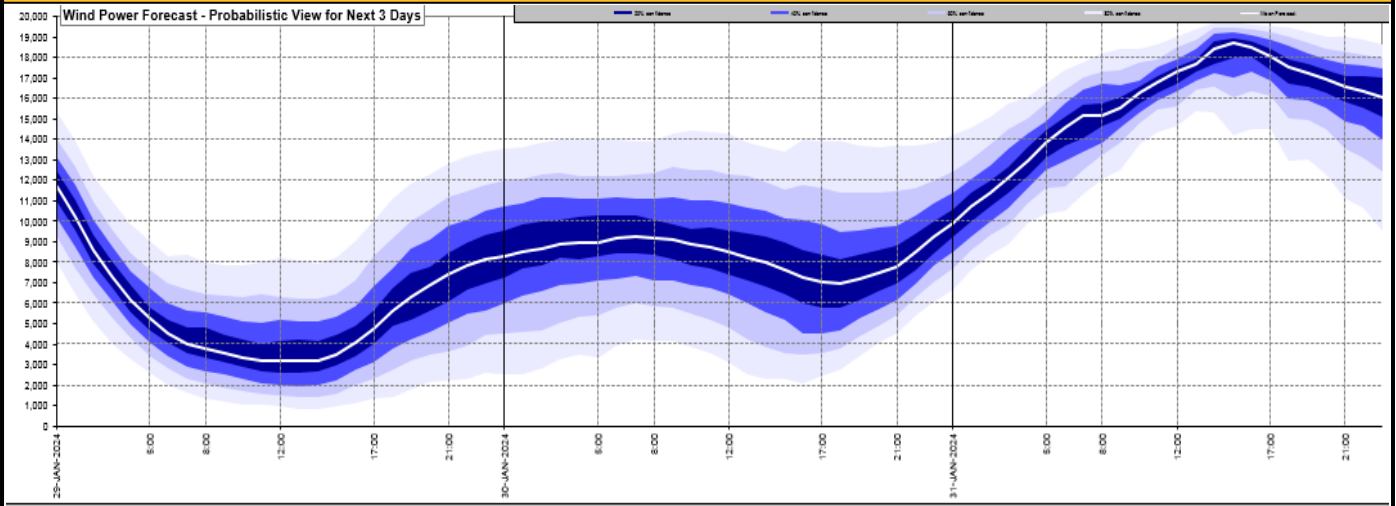
Yesterday's Market Summary

Cash Out Price (Max)	£ 105.00 (SP 48)
Cash Out Price (Min)	£ -34.65 (SP 4)
Peak Demand Yesterday	38,032 MW
Minimum Demand	19,890 MW

Interconnector Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	508	508	Partially 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	1456	1456	Fully Available

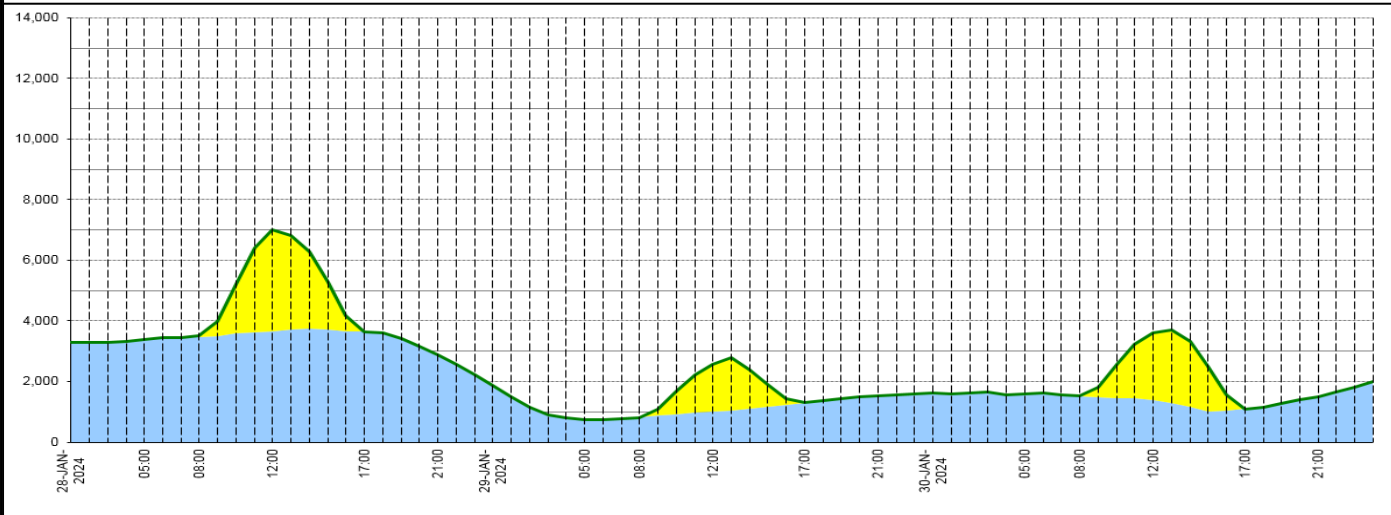
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	28-JAN-2024					29-JAN-2024					30-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	30	3357	1	0	0	0	0	1579	17	0	0	0	0	2229	0	0
Wind (MW)	3382	3473	3657	3641	2896	1880	754	814	1001	1286	1544	1631	1583	1516	1379	1091	1496
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3382	3503	7014	3642	2896	1880	754	814	2580	1303	1544	1631	1583	1516	3608	1091	1496



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Rain, sometimes heavy, will stretch from northeast England to southwest Wales. Possible snow over higher grounds by the evening along northern Pennines. Drier elsewhere but largely cloudy. Breezy around western coasts. Mild for most, though chilly in Scotland.</p> <p>Tonight: Heaviest of the rain easing overnight, leaving a cloudy but occasionally drizzly night for much of Wales, northern England and southern Scotland. Frosty for Northern Ireland and northern Scotland.</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 rain Areas affected: North East England North West England Yorkshire & Humber</p> <p>Starts: 12:00 GMT on Mon 29 January Ends: 05:00 GMT on Tue 30 January Heavy rain may lead to some flooding and impacts to travel.</p> <ul style="list-style-type: none"> - Spray and flooding on roads probably making journey times longer - Bus and train services probably affected with journey times taking longer - Flooding of a few homes and businesses is possible

Weather	Source	Commentary
		<p>Issued at: 10:11 GMT on Sun 28 January Last updated: 7 hours ago</p> <p>Yellow warning of wind Areas affected: Highlands & Eilean Siar Orkney & Shetland</p> <p>Starts: 07:00 GMT on Wed 31 January Ends: 19:00 GMT on Wed 31 January Strong winds may cause some disruption during Wednesday</p> <ul style="list-style-type: none"> - There is a small chance of injuries and danger to life from flying debris - There is a slight chance of some damage to buildings, such as tiles blown from roofs - There is a small chance of longer journey times or cancellations as road, air and ferry services are affected - There is a small chance that some roads and bridges could close - There is a slight chance that power cuts may occur, with the potential to affect other services, such as mobile phone coverage - There is a small chance that injuries and danger to life could occur from large waves and beach material being thrown onto sea fronts, coastal roads and properties <p>Issued at: 10:26 GMT on Sun 28 January</p> <p>Flood Warnings 5 flood warnings and 51 flood alerts issued for England.</p> <p>0 flood warnings and 0 flood alerts issued for Scotland.</p> <p>0 flood warning and 0 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