

**National Electricity
Transmission System Status Report**

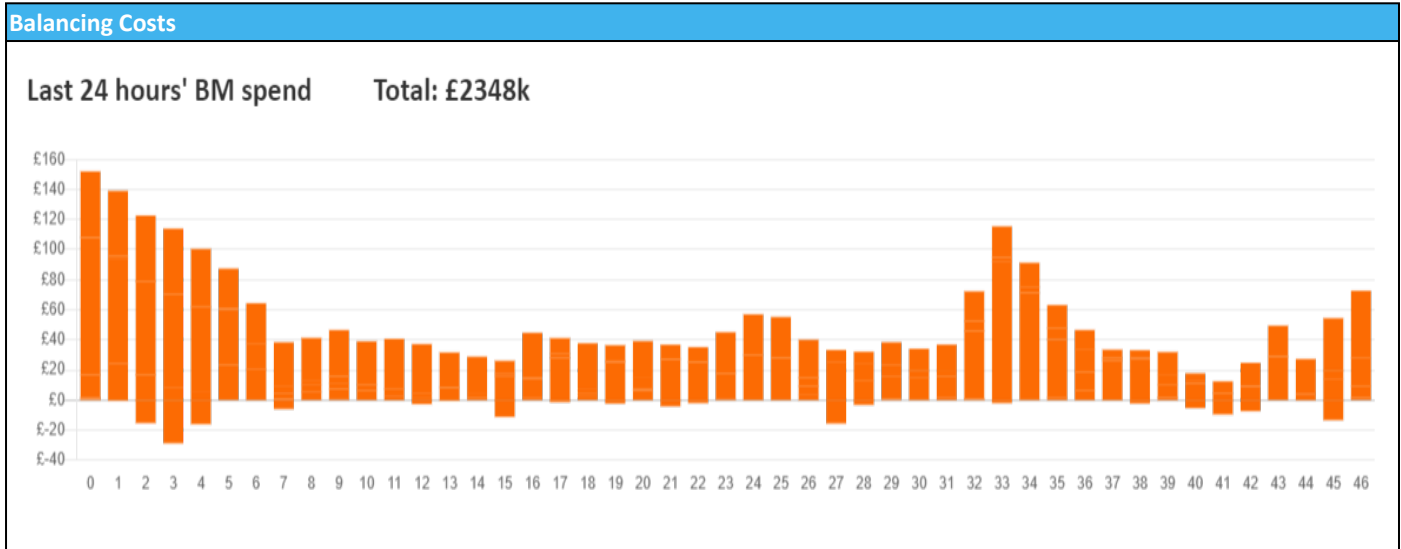


national**grid**ESO

National Electricity Transmission System Status Report
Sunday 14 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	14,505 (SP 36)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW



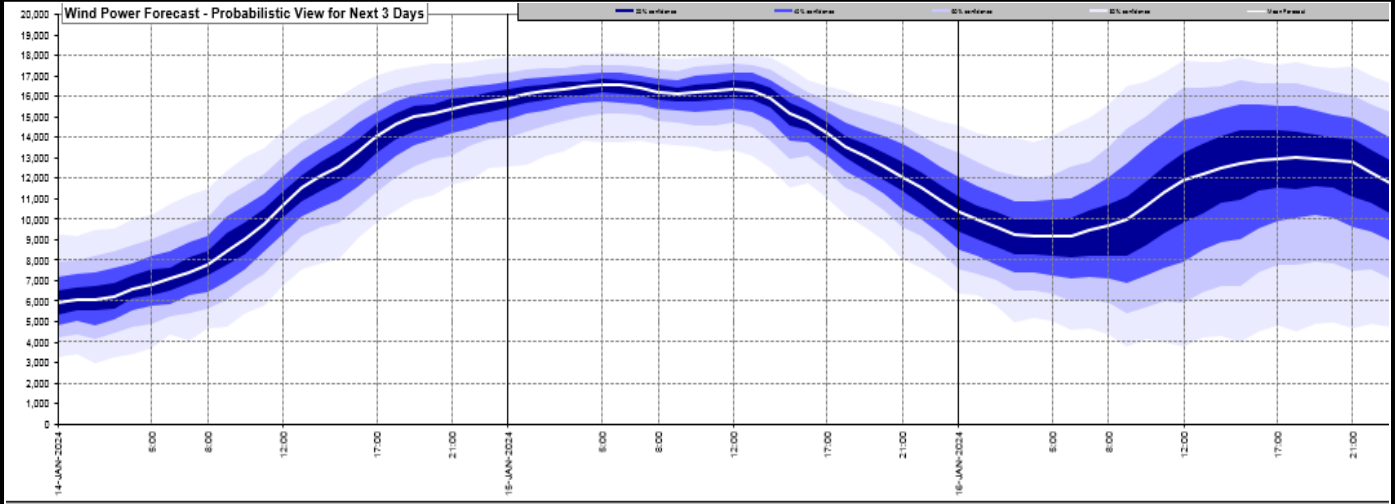
Yesterday's Market Summary

Cash Out Price (Max)	£118.00 (SP 35)
Cash Out Price (Min)	£56.55 (SP 4)
Peak Demand Yesterday	41,362 MW
Minimum Demand	23,205 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	800	800	Restricted

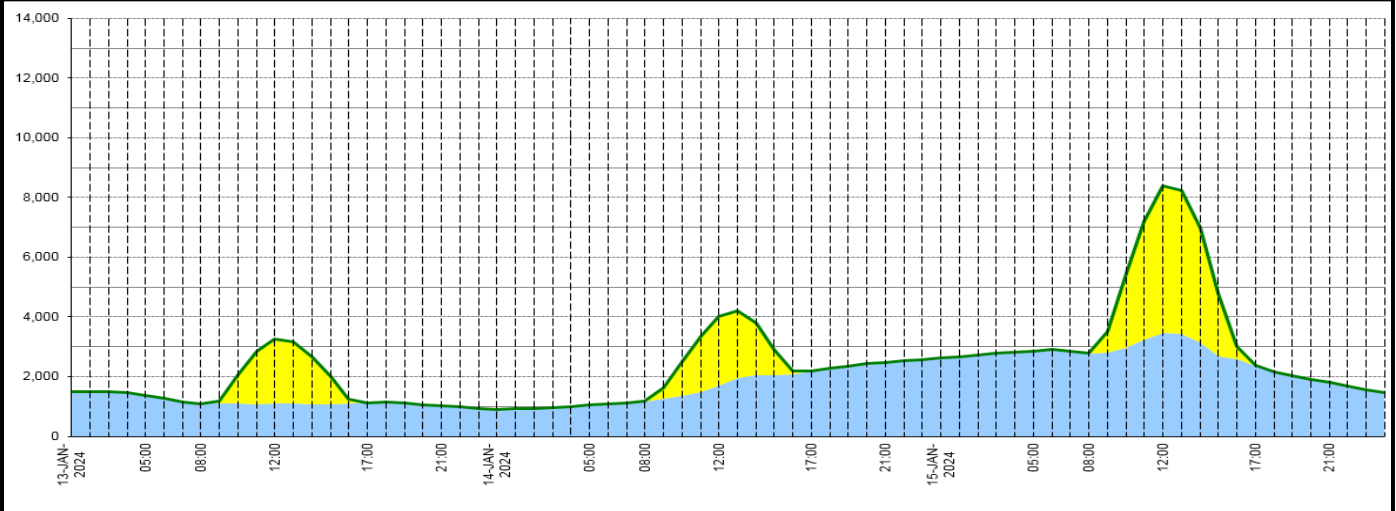
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	13-JAN-2024					14-JAN-2024					15-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	2174	0	0	0	0	0	2304	0	0	0	0	0	4928	0	0
Wind (MW)	1384	1098	1097	1128	1014	914	1047	1171	1712	2186	2482	2641	2853	2783	3463	2368	1798
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1384	1098	3271	1128	1014	914	1047	1171	4016	2186	2482	2641	2853	2783	8391	2368	1798



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Initially cloudy in the south with a little rain. Elsewhere, colder with sunny spells and wintry showers, mostly along the coasts and in Scotland with a brisk northerly wind developing. Feeling cold, particularly in brisk winds in the north.</p> <p>Tonight: A cold night ahead with a widespread, sharp frost developing quickly this evening. Snow showers continuing around windward coasts and staying windy in the north. Lighter winds in the south.</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 snow and ice Areas affected: Grampian Highlands & Eilean Siar Orkney & Shetland ACTIVE Started at: 00:00 GMT on Sun 14 January Ends: 23:59 GMT on Sun 14 January Snow showers are likely to cause some travel disruption and icy surfaces - 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>Yellow warning of wind Areas affected: Orkney & Shetland</p>

Weather	Source	Commentary
		<p>Starts: 10:00 GMT on Sun 14 January Ends: 16:00 GMT on Sun 14 January Strong winds, particularly when combined with wintry showers, bringing some disruption during Sunday</p> <ul style="list-style-type: none"> - Some delays to road, air and ferry transport are likely - Probably some bus 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>Yellow warning of snow and ice Areas affected: Grampian Highlands & Eilean Siar Orkney & Shetland Starts: 00:00 GMT on Mon 15 January Ends: 23:59 GMT on Mon 15 January Frequent snow showers are likely to cause further disruption to travel on Monday</p> <ul style="list-style-type: none"> - Some roads and railways affected with longer journey times by road, bus and train services - There is a slight chance of snow-covered roads leading to stranded vehicles and passengers, along with delayed or cancelled rail and air travel - Some injuries from slips and falls on icy surfaces - Icy patches on some untreated roads, pavements and cycle paths - There is a small chance that power cuts will occur and other services, such as mobile phone coverage, may be affected <p>Yellow warning of snow and ice Areas affected: Northern Ireland Starts: 03:00 GMT on Mon 15 January Ends: 23:59 GMT on Mon 15 January Showers, increasingly falling as snow, bringing some disruption to parts of Northern Ireland</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>Flood Warnings 44 flood warnings and 104 flood alerts issued for England.</p> <p>0 flood warnings and 0 flood alerts issued for Scotland.</p>
		<p>0 flood warning and 1 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