

**National Electricity
Transmission System Status Report**

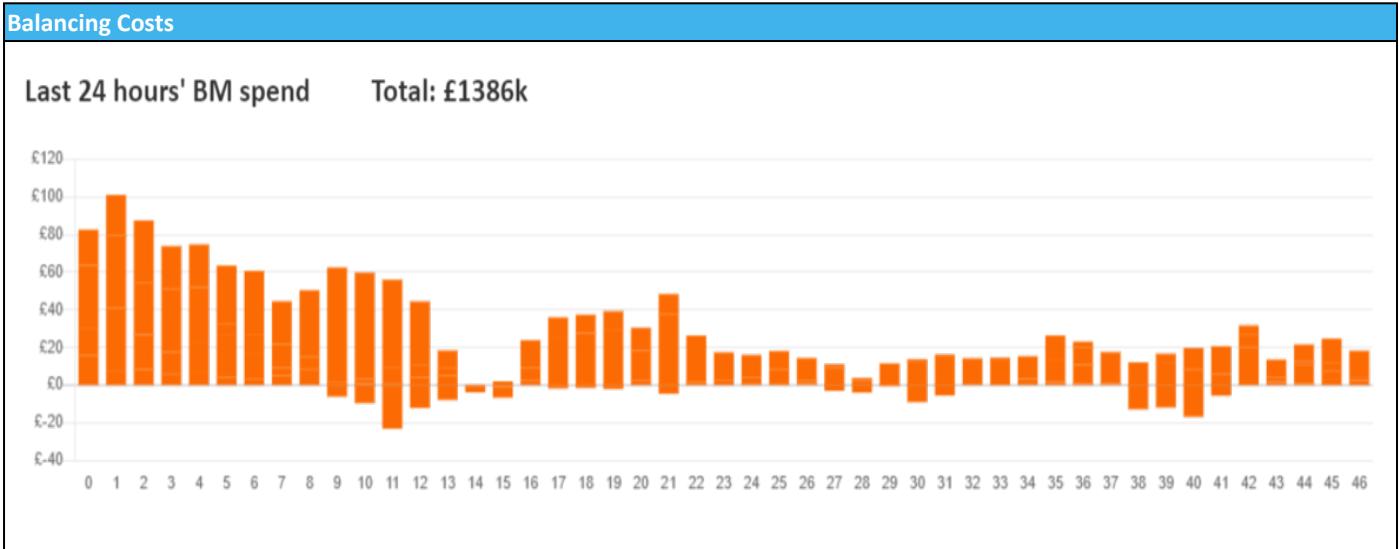


national**grid**ESO

National Electricity Transmission System Status Report
Thursday 04 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	4620 (SP 36)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	1050 MW



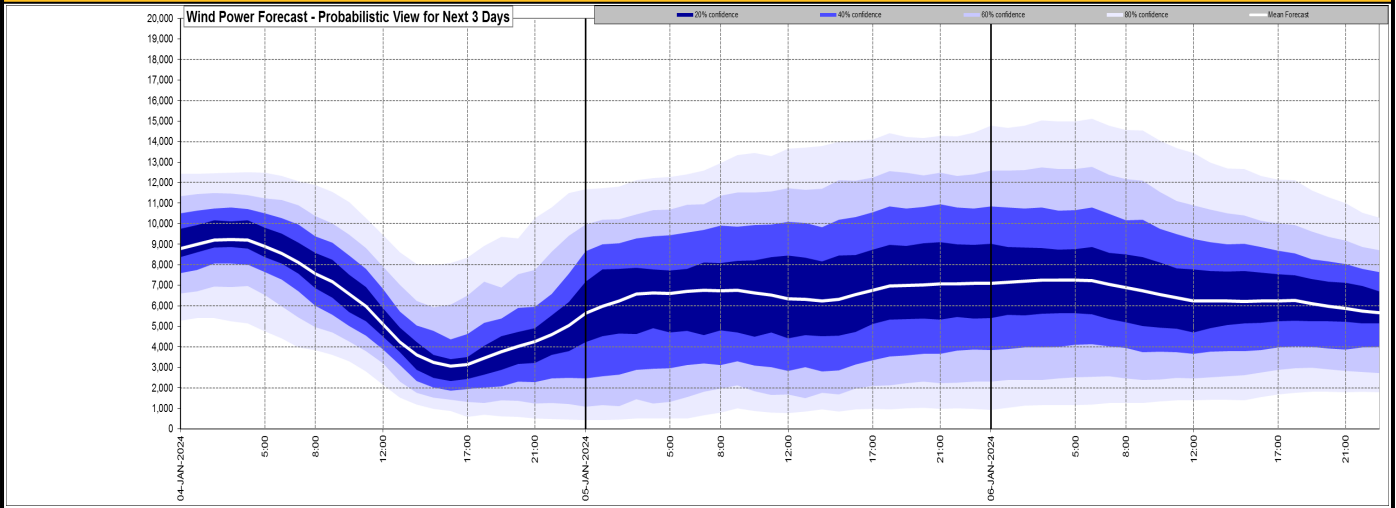
Yesterday's Market Summary

Cash Out Price (Max)	£119.00 (SP 19)
Cash Out Price (Min)	£5.00 (SP 16)
Peak Demand Yesterday	40,611 MW
Minimum Demand	22,390 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	1025	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1000	1000	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1424	1424	Fully Available
France (IFA2)	0	0	Unavailable
Viking Link	800	800	Partially Available

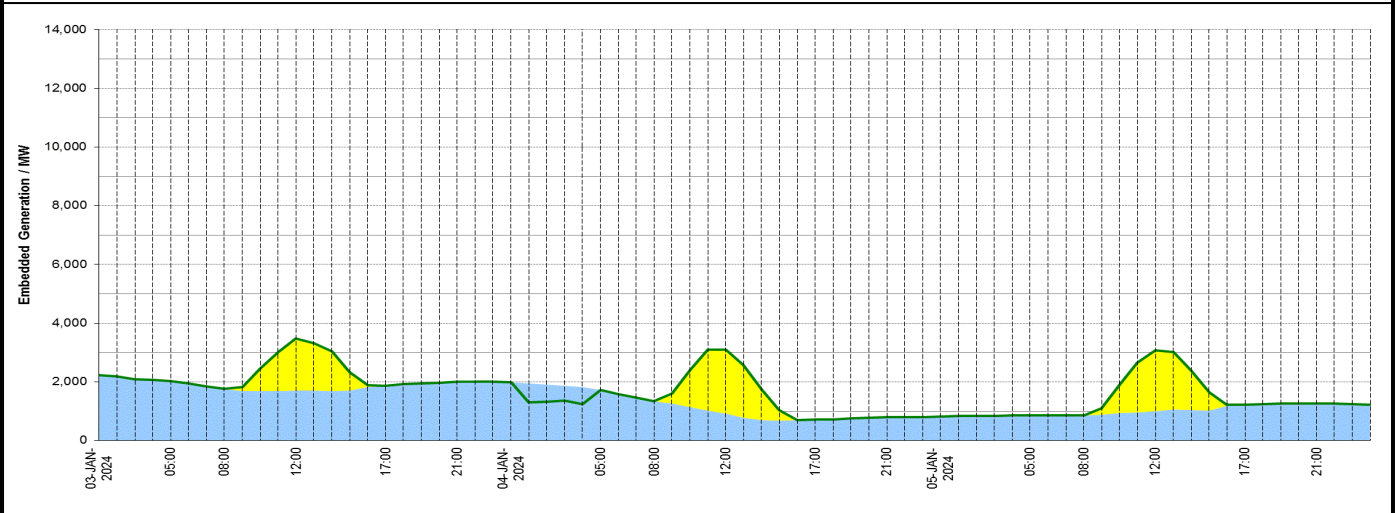
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	03-JAN-2024					04-JAN-2024					05-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	1774	0	0	0	0	0	2182	0	0	0	0	0	2087	0	0
Wind (MW)	2024	1761	1706	1876	2005	1985	1734	1349	916	721	792	821	860	864	999	1218	1269
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2024	1761	3480	1876	2005	1985	1734	1349	3098	721	792	821	860	864	3086	1218	1269



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: A spell of heavy rain will track eastwards across southern parts of England through the day. Rain at times in Scotland, drier elsewhere with some bright or sunny spells. Light winds with temperatures near to average. Tonight: Rain clearing the east. Mostly dry with some coastal showers. Light winds and some clear skies leading to patchy frost and fog forming through the early hours.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings Yellow warning of rain Areas affected: East of England London & South East England South West England Starts: 12:00 GMT on Thu 4 January Ends: 03:00 GMT on Fri 5 January Flood Warnings 295 flood warnings and 268 flood alerts issued for England. 1 flood warnings and 3 flood alerts issued for Scotland. 1 Severe flood warning and 4 flood warnings and 20 flood alerts issued for Wales

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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