

**National Electricity
Transmission System Status Report**

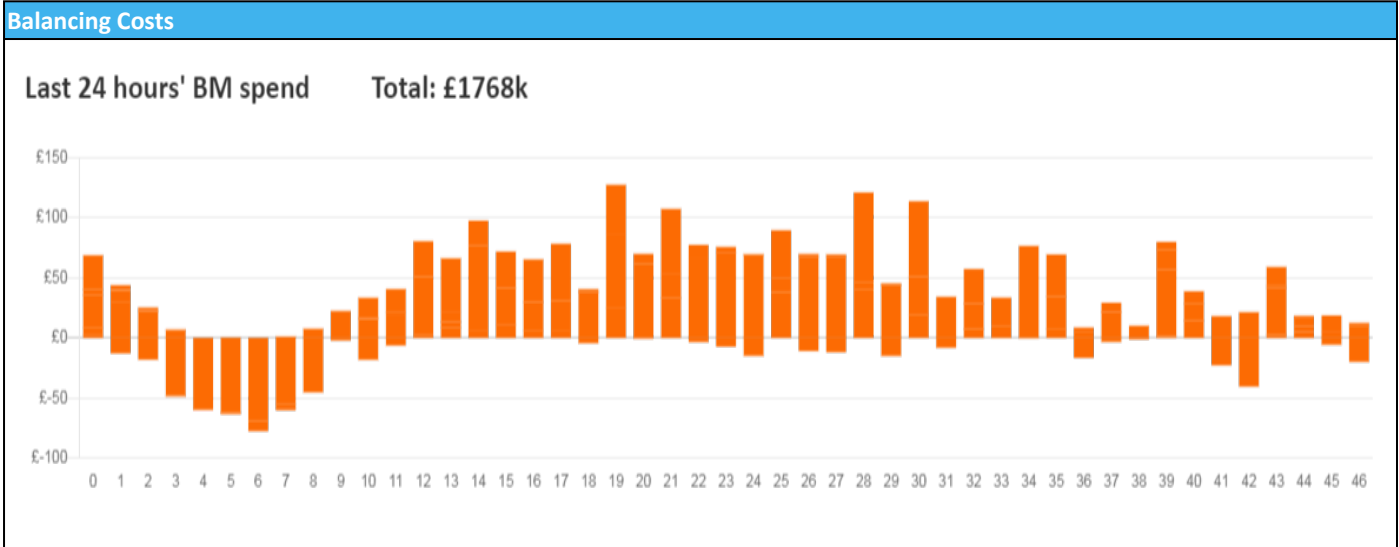


national**grid**ESO

National Electricity Transmission System Status Report
Saturday 21 January 2023

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	6999 MW (SP 36)	
Current BMU Largest Loss Risk	Generation	1300 MW
	Demand	560 MW



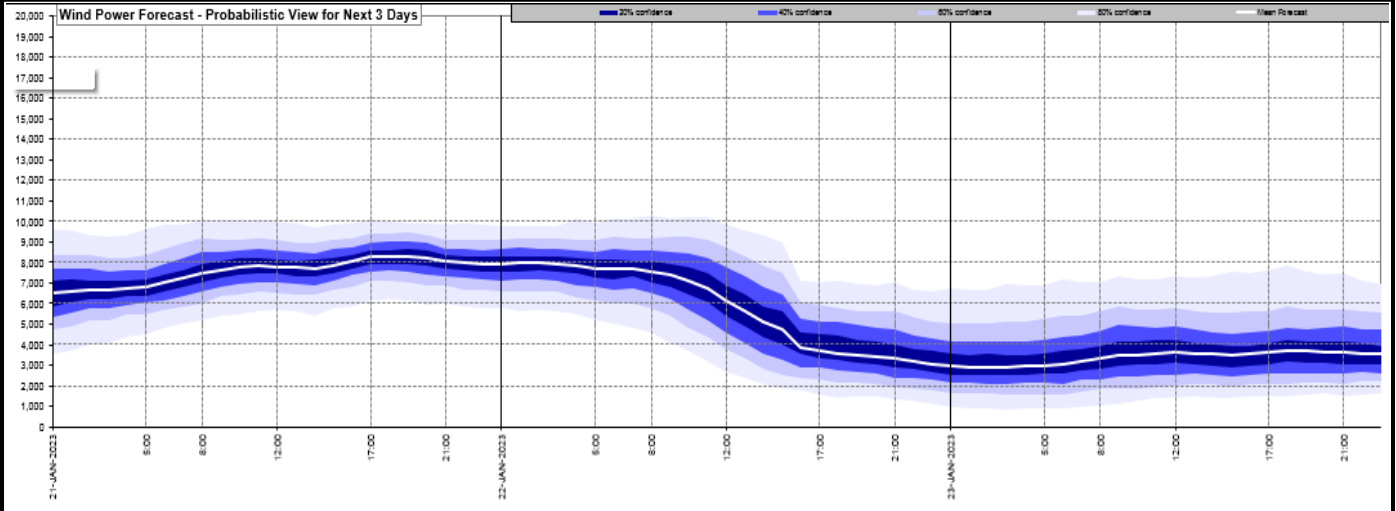
Yesterday's Market Summary

Cash Out Price (Max)	£244.50 (SP 45)
Cash Out Price (Min)	£100.00 (SP 9)
Peak Demand Yesterday	43,692 MW
Minimum Demand	25,018 MW

Interconnector Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1000	1025	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
France (IFA)	1000	1000	Partially available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available

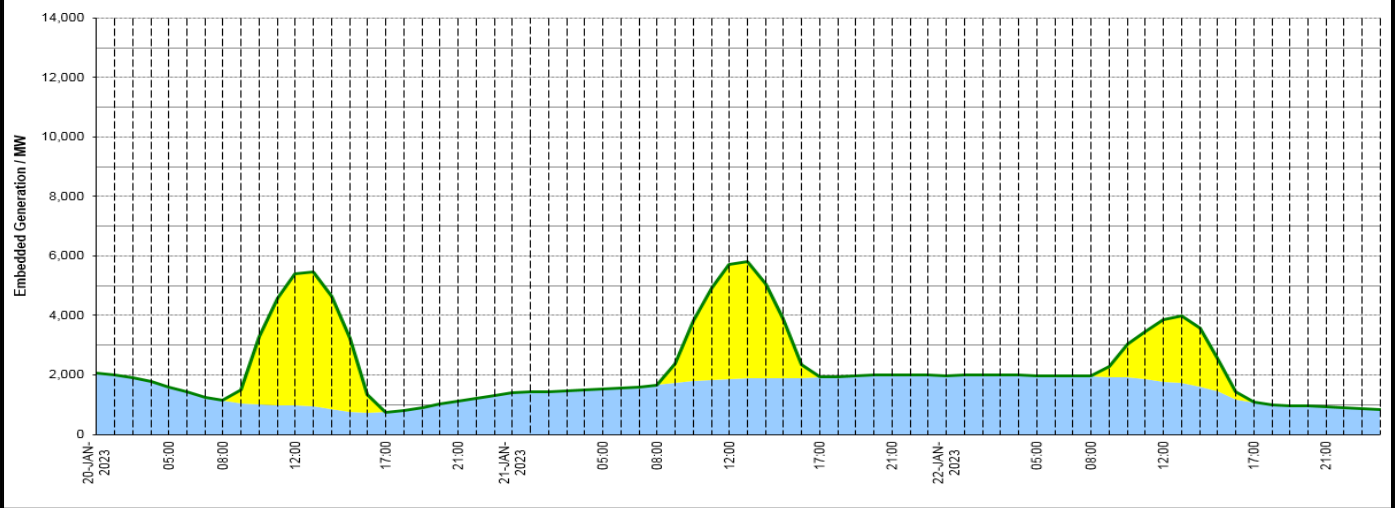
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	20-JAN-2023					21-JAN-2023					22-JAN-2023						
	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	4420	0	0	0	0	0	3852	0	0	0	0	0	2090	0	0
Wind (MW)	1581	1137	984	743	1126	1390	1526	1660	1853	1936	1987	1976	1960	1956	1780	1082	921
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1581	1137	5404	743	1126	1390	1526	1660	5705	1936	1987	1976	1960	1956	3870	1082	921



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Freezing fog patches may be slow to clear from some places, else much of England and Wales sunny but cold. Turning cloudy and windy in the northwest with rain and drizzle at times, and becoming milder.</p> <p>Tonight: Clear spells across England allowing another sharp frost, whilst freezing fog patches are likely in the east and southeast. Milder and damp in the northwest with occasional rain or drizzle.</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 weather warning for fog Areas affected: East Midlands, London & South East England, North West England, South West England, Wales, West Midlands, Yorkshire & Humber</p> <p>Flood Warnings 47 flood warnings and 69 flood alerts issued for England. 0 flood warnings and 0 flood alerts issued for Scotland. 0 flood warning and 0 flood alerts issued for Wales.</p>

Weather	Source	Commentary

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