

**National Electricity
Transmission System Status Report**

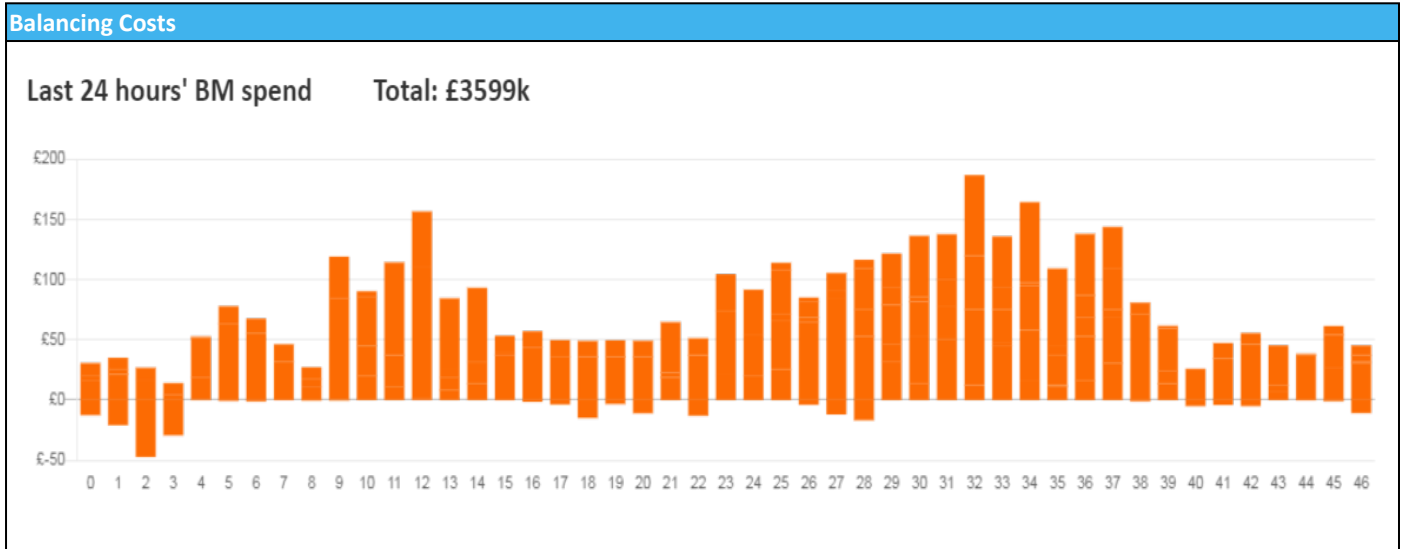


national**grid**ESO

National Electricity Transmission System Status Report
Thursday 23 February 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			

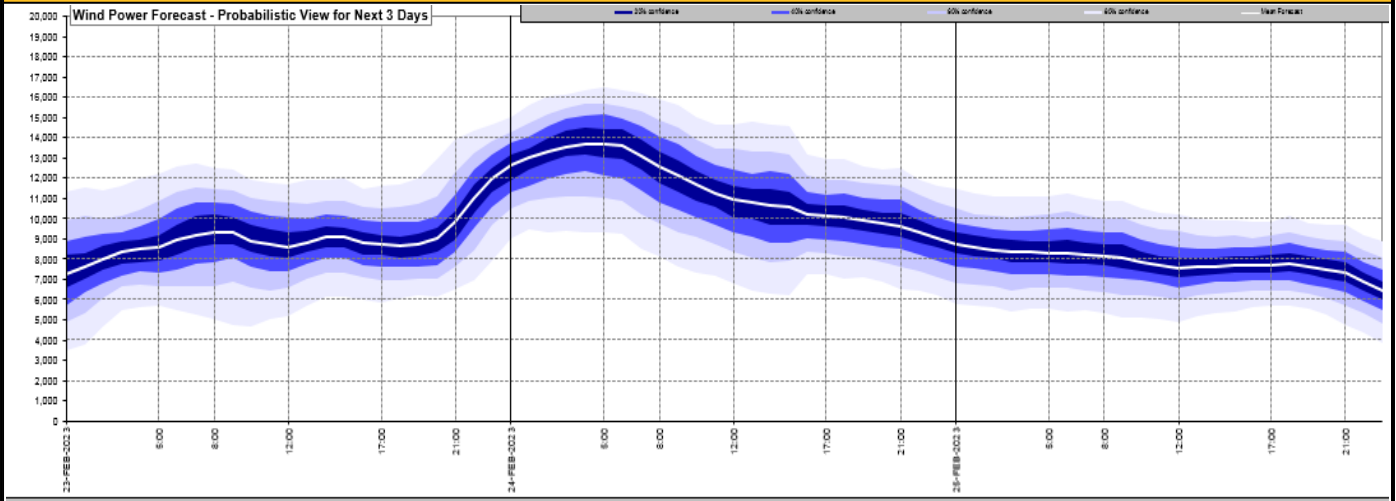
Today's Minimum De-Rated Margin	8,368 (SP 38)	
Current BMU Largest Loss Risk	Generation	1600 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£209 (SP34 & 36-38)
Cash Out Price (Min)	£85.20 (SP4)
Peak Demand Yesterday	39,697 MW
Minimum Demand	21,588 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available
France (IFA2)	1014	1014	Fully Available

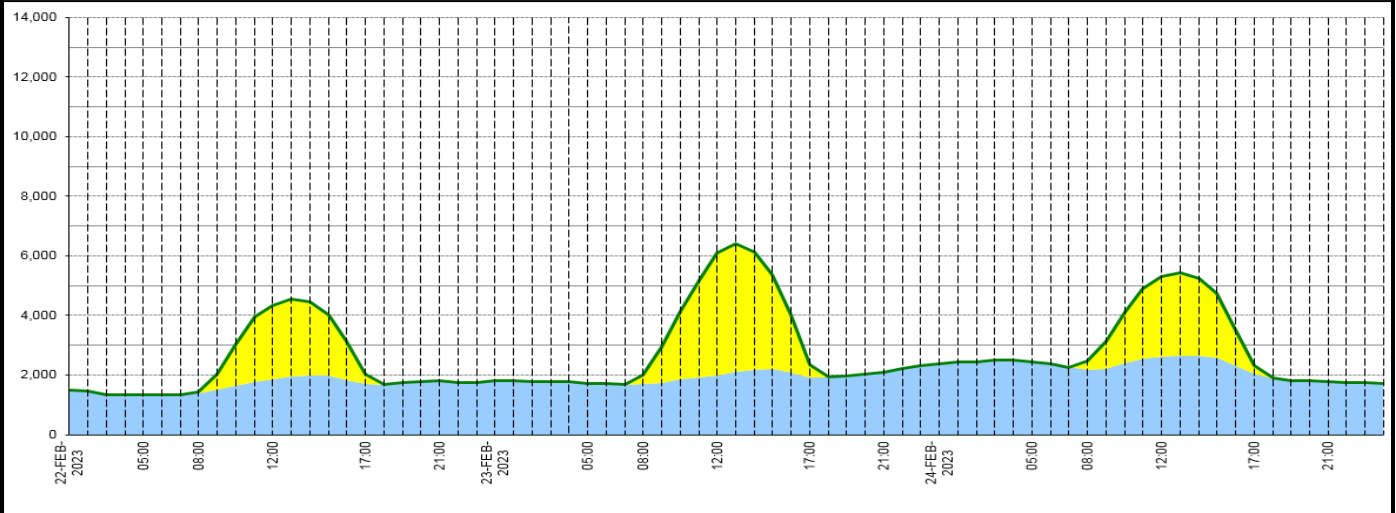
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	22-FEB-2023					23-FEB-2023					24-FEB-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	47	2487	348	0	0	0	319	4113	430	0	0	0	283	2664	270	0
Wind (MW)	1351	1380	1844	1699	1809	1806	1732	1693	1988	1917	2101	2380	2457	2185	2629	2042	1786
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1351	1427	4331	2047	1809	1806	1732	2012	6101	2347	2101	2380	2457	2468	5293	2312	1786



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Light rain and drizzle across the south should clear early afternoon. A few heavy showers possible for parts of Cornwall at first. Otherwise, mainly fine ahead of further rain, which will affect northwest Scotland from around midday. Temperatures near normal.</p> <p>Tonight: Clear and cold for much of England and Wales, though clouding up from the north. Cloud and rain pushes south across Scotland. Clearer, colder weather follows to the far north.</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 No weather warnings are in force for the UK.</p> <p>Flood Warnings 0 flood warnings and 20 flood alerts issued for England. 0 flood warnings and 0 flood alerts issued for Scotland.</p>

Weather	Source	Commentary
		0 flood warnings and 3 flood alerts issued for Wales.

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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