

**National Electricity
Transmission System Status Report**

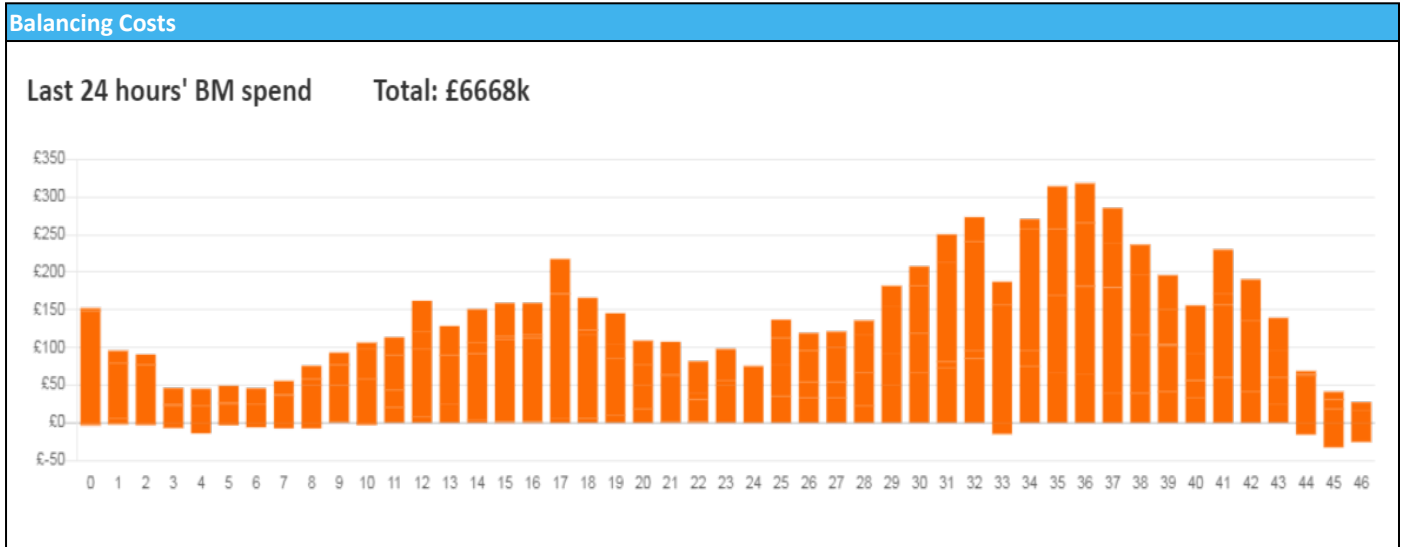


national**grid**ESO

National Electricity Transmission System Status Report
Wednesday 22 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	4,497 (SP 36)	
Current BMU Largest Loss Risk	Generation	1600 MW
	Demand	560 MW



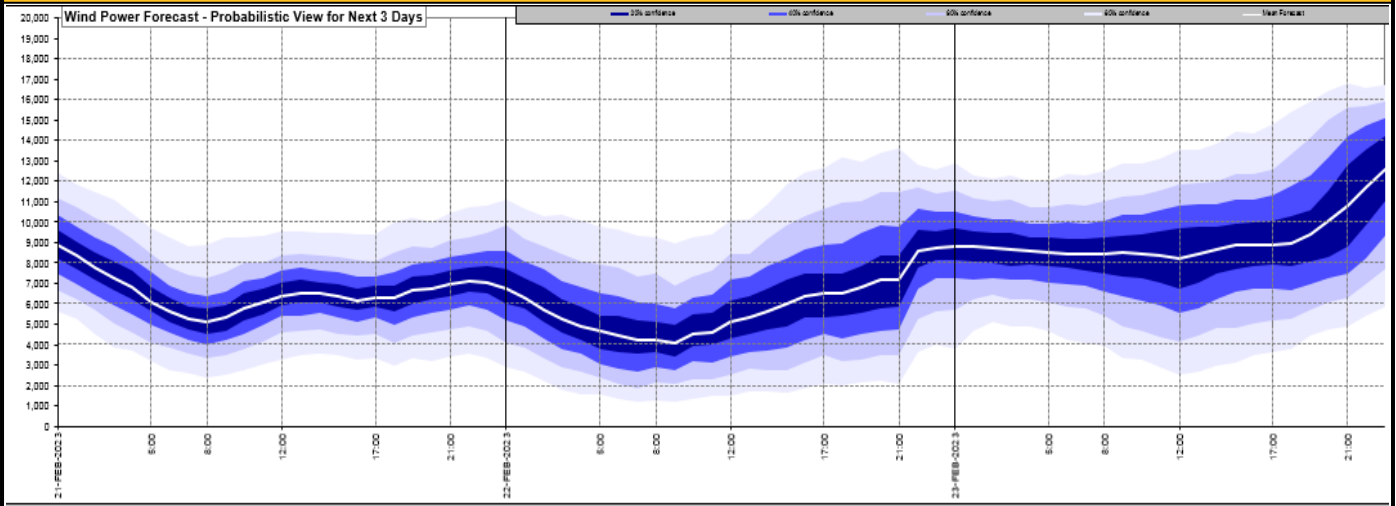
Yesterday's Market Summary

Cash Out Price (Max)	£190.00 (SP2-4,19 &45)
Cash Out Price (Min)	£66.99 (SP5 - SP10)
Peak Demand Yesterday	38,530 MW
Minimum Demand	21,490 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

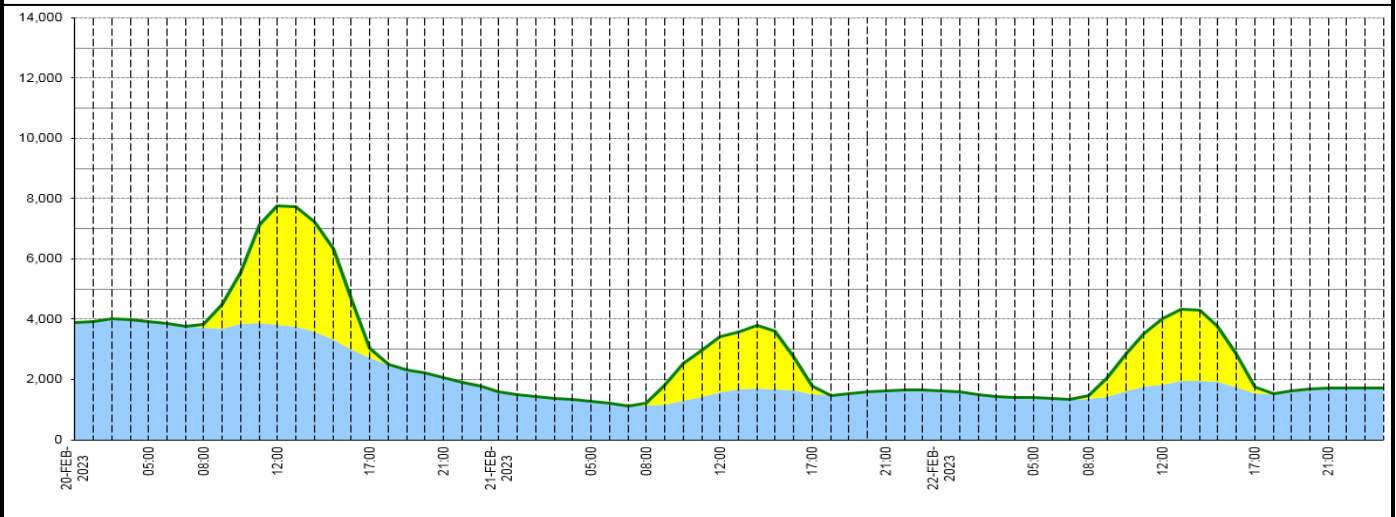
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	20-FEB-2023					21-FEB-2023					22-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	114	3936	341	0	0	0	81	1837	249	0	0	0	139	2172	210	0
Wind (MW)	3912	3712	3818	2700	2049	1602	1283	1135	1583	1522	1631	1625	1396	1341	1834	1542	1721
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3912	3826	7754	3041	2049	1602	1283	1216	3420	1771	1631	1625	1396	1480	4006	1752	1721



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Bands of rain moving erratically southeastwards clearing all but the far southeast by dusk. A further band of rain will follow south across southern Scotland and northern England. Sunny spells and scattered showers in the west, turning wintry over hills.</p> <p>Tonight: Clear spells and some frost, for central and northern areas. Cloudier further south with outbreaks of rain or showers, some heavy in places.</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 4 flood warnings and 23 flood alerts issued for England. 2 flood warnings and no flood alerts issued for Scotland.</p>

Weather	Source	Commentary
		2 flood warnings and 7 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