

**National Electricity
Transmission System Status Report**

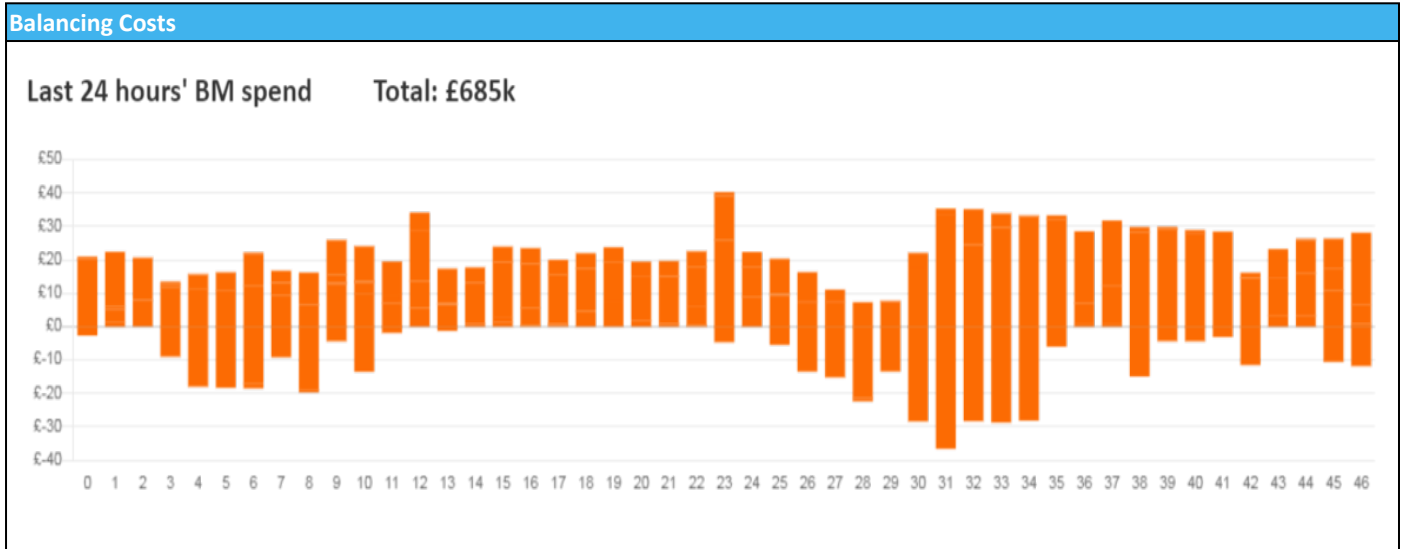


national**grid**ESO

National Electricity Transmission System Status Report
Monday 01 May 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			

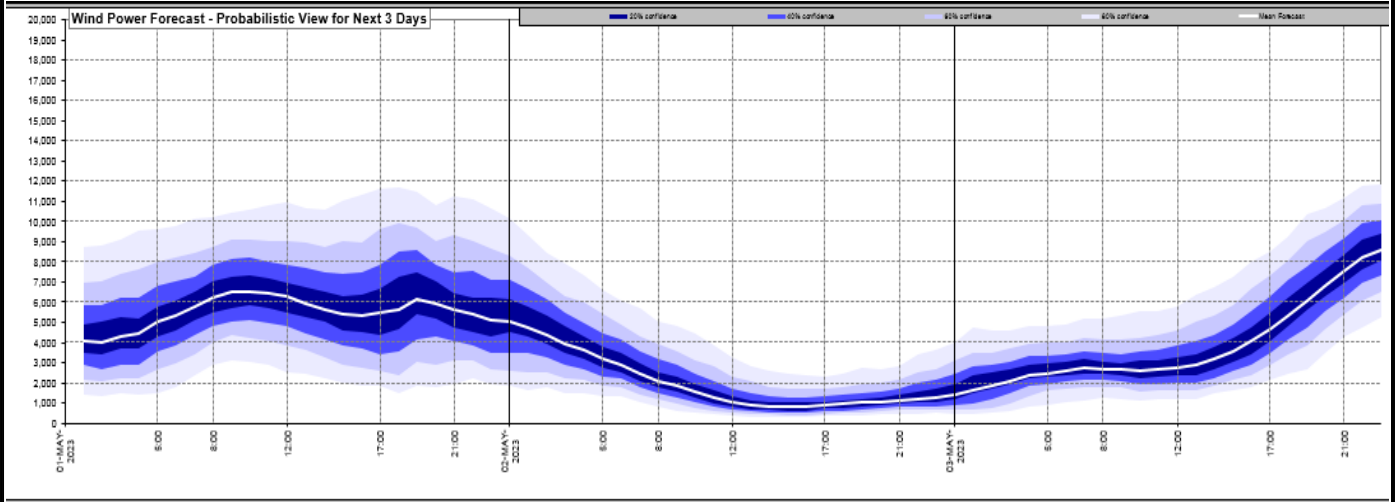
Today's Minimum De-Rated Margin	13,771 (SP 43)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£164.00 (SP25)
Cash Out Price (Min)	£65.55 (SP8 & SP10)
Peak Demand Yesterday	27,916 MW
Minimum Demand	18,570 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)	1424	1424	Fully Available
France (IFA2)	1014	1014	Fully Available

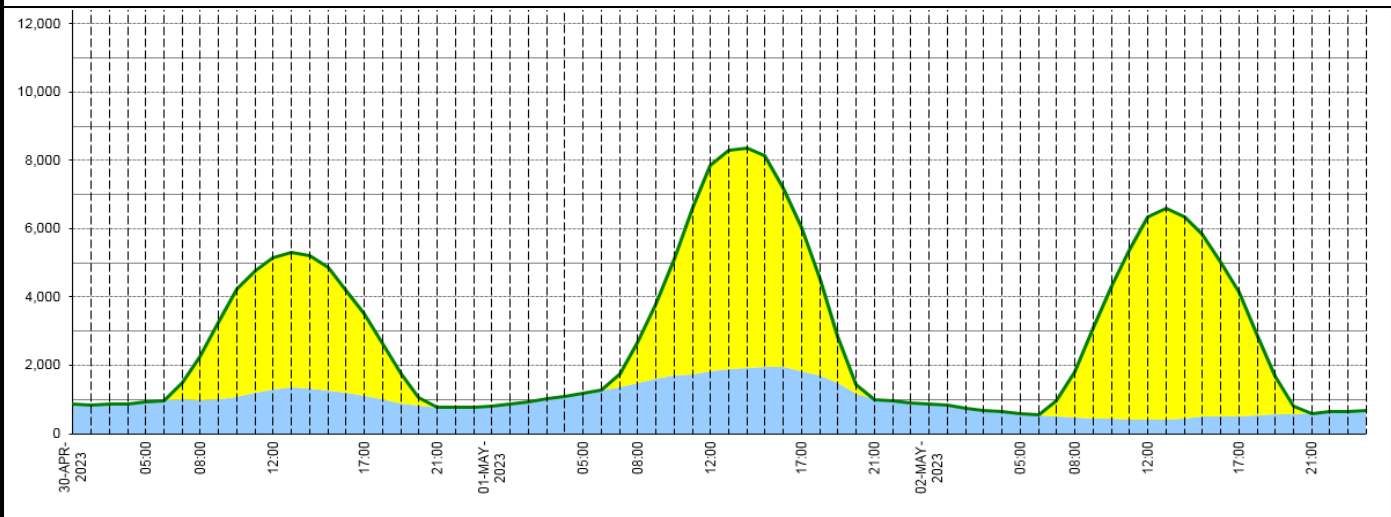
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	30-APR-2023					01-MAY-2023					02-MAY-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	1264	3867	2405	0	0	0	1180	6043	4197	0	0	0	1348	5944	3618	0
Wind (MW)	938	975	1284	1110	771	789	1171	1479	1813	1843	995	854	579	472	415	512	598
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	938	2239	5151	3515	771	789	1171	2659	7856	6040	995	854	579	1820	6359	4130	598



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Good deal of cloud at first with some showers or outbreaks of rain in places. Cloud breaking through the day to allow sunny spells, particularly southern and western areas, but also scattered showers, some heavy with thunder in eastern England.</p> <p>Tonight: Clear spell developing across the north and northeast with a frost in places. Some fog patches for southwest England, else rather cloudy with a few showers over central parts.</p>
General Weather	Met Office	UK Weather Warnings

Weather	Source	Commentary
Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Weather Warnings SEPA Natural Resources Wales	No weather warnings are in force for the UK.
		Flood Warnings 0 flood warnings and 2 flood alerts issued for England. 0 flood warnings and 6 flood alerts issued for Scotland No flood warnings are currently in force 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