

**National Electricity
Transmission System Status Report**

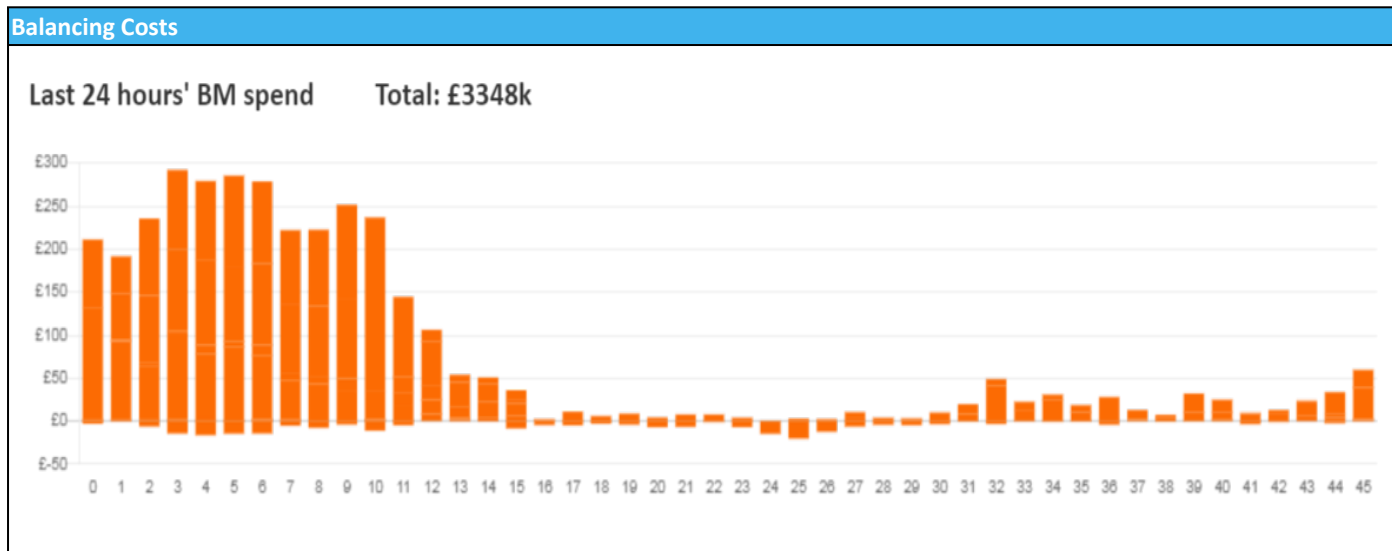


national**grid**ESO

National Electricity Transmission System Status Report
Wednesday 02 August 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	7546 (SP39)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW



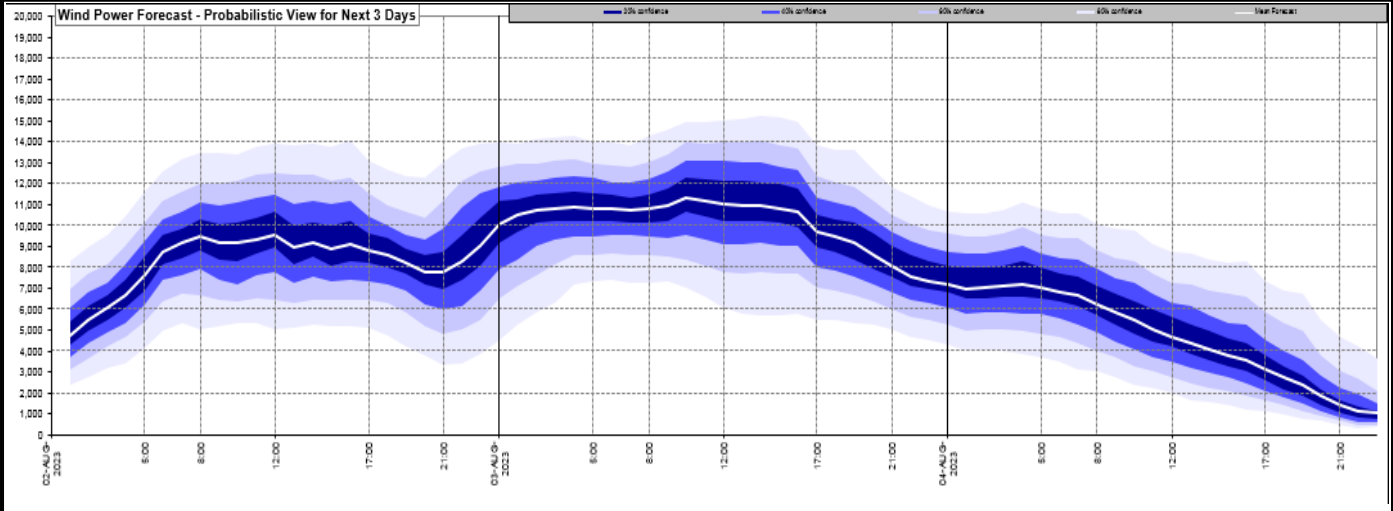
Yesterday's Market Summary

Cash Out Price (Max)	£155 (SP 38)
Cash Out Price (Min)	£25.75 (SP 11, 12)
Peak Demand Yesterday	28, 326 MW
Minimum Demand	16, 950 MW

Interconnector Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1130	Fully Available
France (IFA)	1000	1000	Partially 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)	1437	1437	Fully Available
France (IFA2)	1014	1014	Fully Available

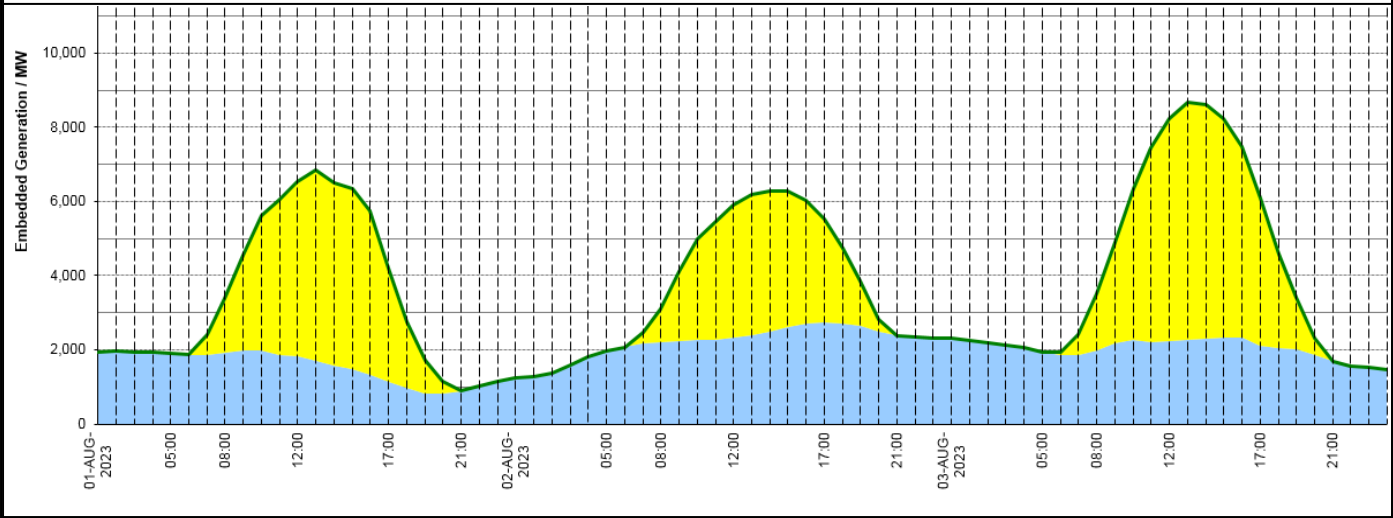
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	01-AUG-2023					02-AUG-2023					03-AUG-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	1452	4696	3059	14	0	0	912	3560	2786	0	0	0	1505	5996	3978	0
Wind (MW)	1913	1920	1827	1141	898	1259	1982	2191	2329	2755	2380	2304	1949	1993	2246	2116	1694
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1913	3372	6523	4200	912	1259	1982	3103	5889	5541	2380	2304	1949	3498	8242	6094	1694



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: A wet and windy day on Wednesday for many, with a risk of thunderstorms for central and southern regions. Very windy in the south with coastal gales at times. Some sunny intervals, mainly in the far northeast.</p> <p>Tonight: Rain clearing east through the evening with some clear spells following. Remaining windy with patchy rain persisting across northern areas.</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 warning of wind Areas affected: London & South East England South West England ACTIVE Started at: 04:00 BST on Wed 2 August Ends: 18:00 BST on Wed 2 August Unseasonably windy weather will affect coastal southern England on Wednesday, leading to some disruption to travel and outdoor activities.</p> <p>Yellow warning of thunderstorms Areas affected: East Midlands East of England London & South East England North West England South West England Wales West Midlands Yorkshire & Humber</p>

Weather	Source	Commentary
		<p>Starts: 09:00 BST on Wed 2 August Ends: 19:00 BST on Wed 2 August Heavy showers and thunderstorms are expected to develop on Wednesday and may cause some flooding and travel disruption.</p>
		<p>Flood Warnings 0 flood warnings and 17 flood alerts issued for England. 0 flood warnings and 1 flood alerts issued for Scotland. 0 flood warning and 1 flood alerts issued for Wales.</p>

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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