

**National Electricity
Transmission System Status Report**

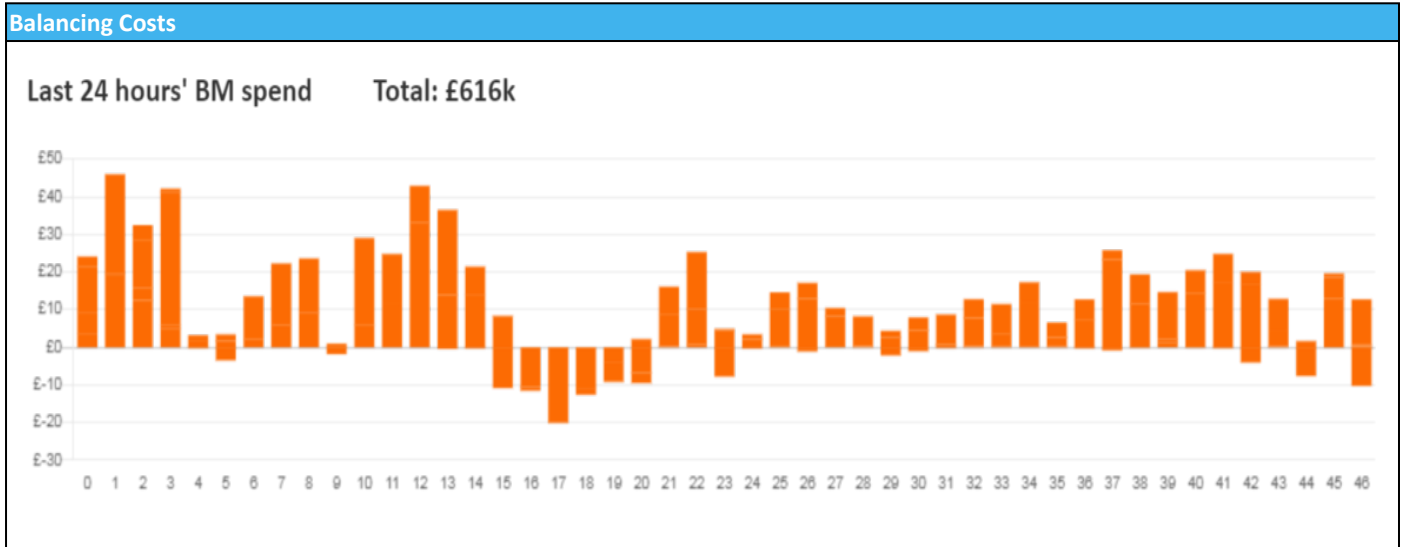


national**grid**ESO

National Electricity Transmission System Status Report
Wednesday 16 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			

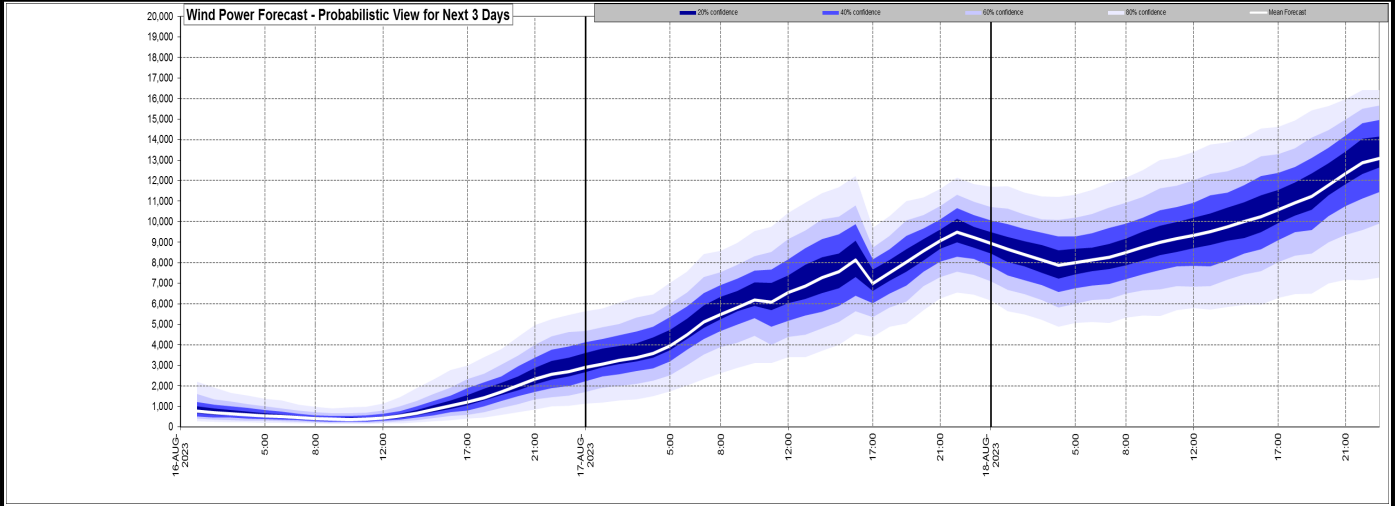
Today's Minimum De-Rated Margin	3573 (SP 39)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	850 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£ 138.00 (SP 47)
Cash Out Price (Min)	£17.00 (SP 21)
Peak Demand Yesterday	30,303 MW
Minimum Demand	18,835 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1130	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)	1437	1437	Fully Available
France (IFA2)	1014	1014	Fully Available

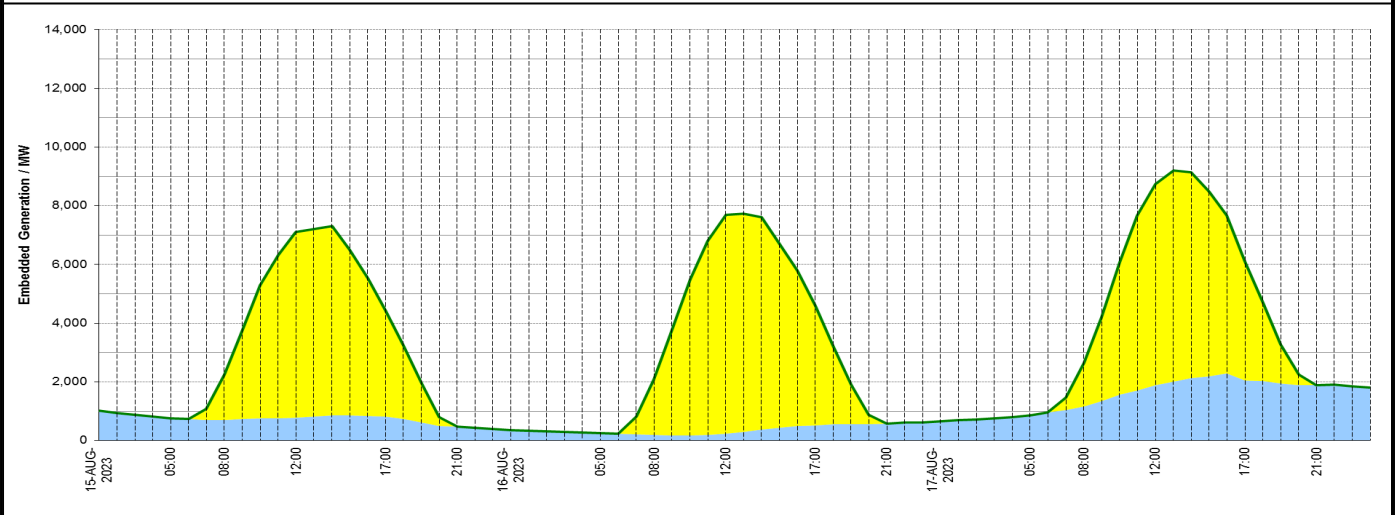
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	15-AUG-2023					16-AUG-2023					17-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	1547	6337	3631	0	0	0	1904	7447	4083	0	0	0	1492	6848	4063	0
Wind (MW)	764	696	780	825	474	359	257	189	243	515	587	664	859	1164	1890	2041	1892
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	764	2243	7117	4456	474	359	257	2093	7690	4598	587	664	859	2656	8738	6104	1892



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Early fog soon clearing to leave a fine day, with plenty of sunny spells. However, there will be cloudier skies towards Scotland and northeast England at times. A few light showers are possible, mainly towards the northeast. Feeling warm.</p> <p>Tonight: Tonight will remain dry with clear spells for many. Some low cloud developing across parts of Scotland and maybe a few fog patches elsewhere. Temperatures largely in double figures.</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 0 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