

National Electricity Transmission System Status Report

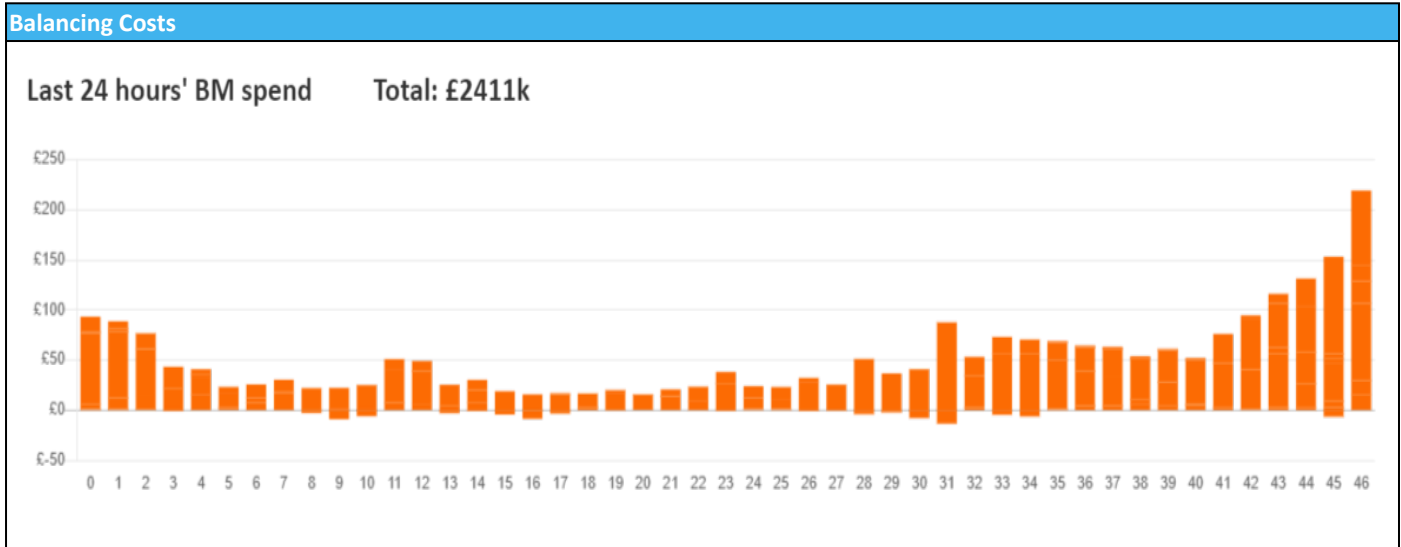


nationalgridESO

National Electricity Transmission System Status Report
Sunday 01 October 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			

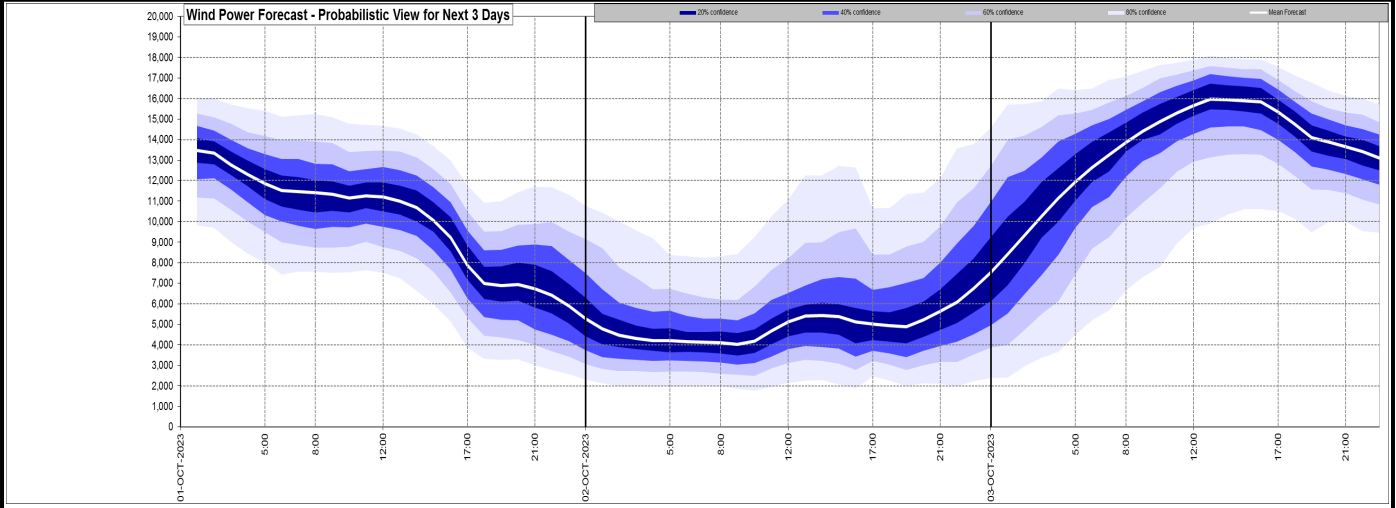
Today's Minimum De-Rated Margin	13,418 (SP 40)	
Current BMU Largest Loss Risk	Generation	1300 MW
	Demand	950 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£149 (SP 32)
Cash Out Price (Min)	-£54.95 (SP 7)
Peak Demand Yesterday	29,458 MW
Minimum Demand	15,900 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1000	1000	Partially available
Belgium (Nemo)	0	0	Unavailable
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
Northern Ireland (MOYLE)	500	500	Available
Norway (NSL)	1437	1437	Fully Available
France (IFA2)	1014	1014	Fully Available

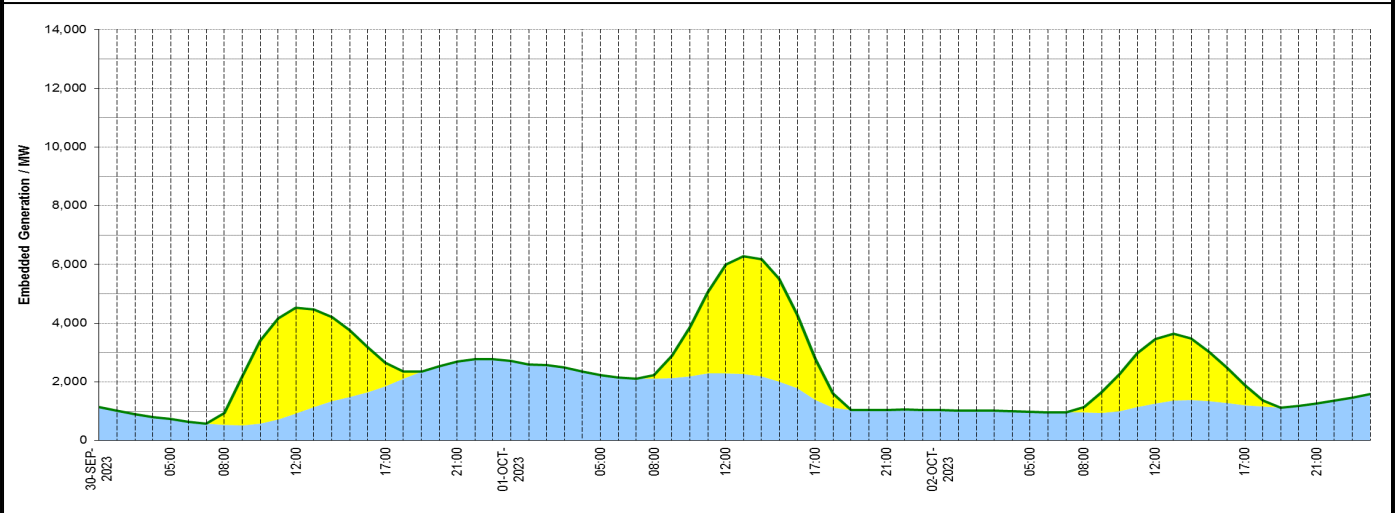
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	30-SEP-2023					01-OCT-2023					02-OCT-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	399	3610	795	0	0	0	122	3692	1403	0	0	0	191	2190	693	0
Wind (MW)	731	541	918	1852	2687	2720	2236	2108	2299	1379	1046	1045	979	958	1264	1201	1273
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	731	940	4528	2647	2687	2720	2236	2230	5991	2782	1046	1045	979	1149	3454	1894	1273



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Sunny spells for Northern Ireland and Scotland, though blustery and a few showers are possible. Cloudier for much of England and Wales with rain gradually easing throughout the day. Remaining dry and bright in southeast England and feeling warm.</p> <p>Tonight: Cloud and rain across Wales and central England slowly moving southwards, turning murky with fog patches; very mild. Fresher further north with clear spells, but showers persisting for northwest Scotland.</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 None</p> <p>Flood Warnings 11 flood warnings and 42 flood alerts issued for England. 0 flood warnings and 5 flood alerts issued for Scotland. 0 flood warnings and 13 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