

**National Electricity
Transmission System Status Report**

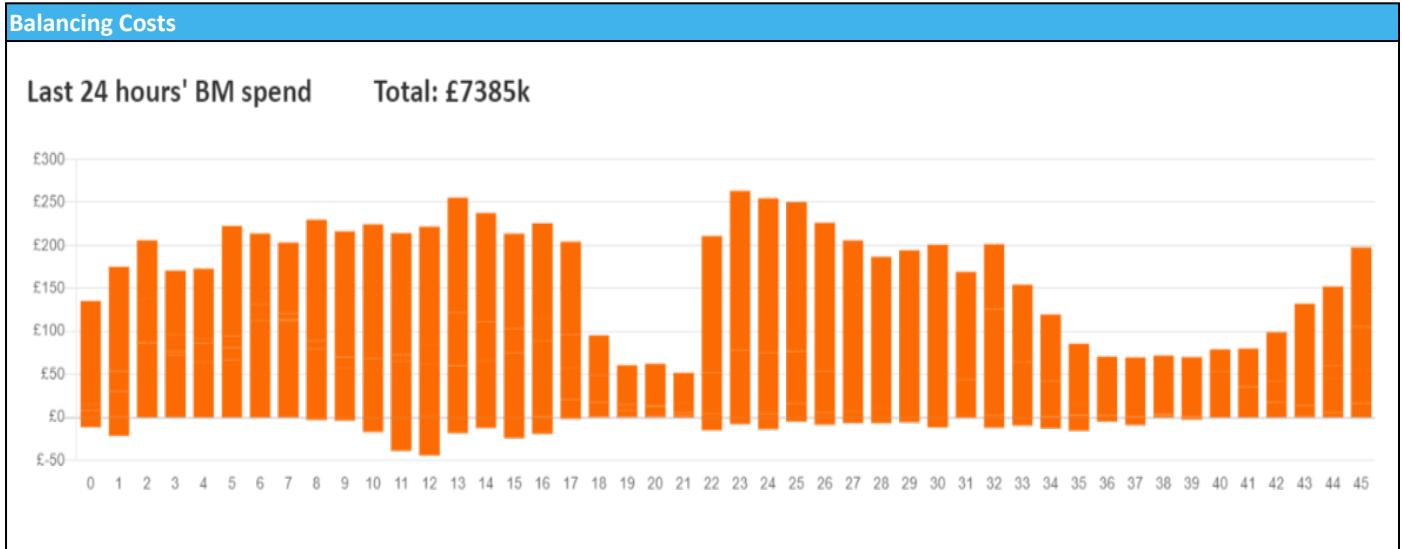


national**grid**ESO

National Electricity Transmission System Status Report
Sunday 30 July 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			

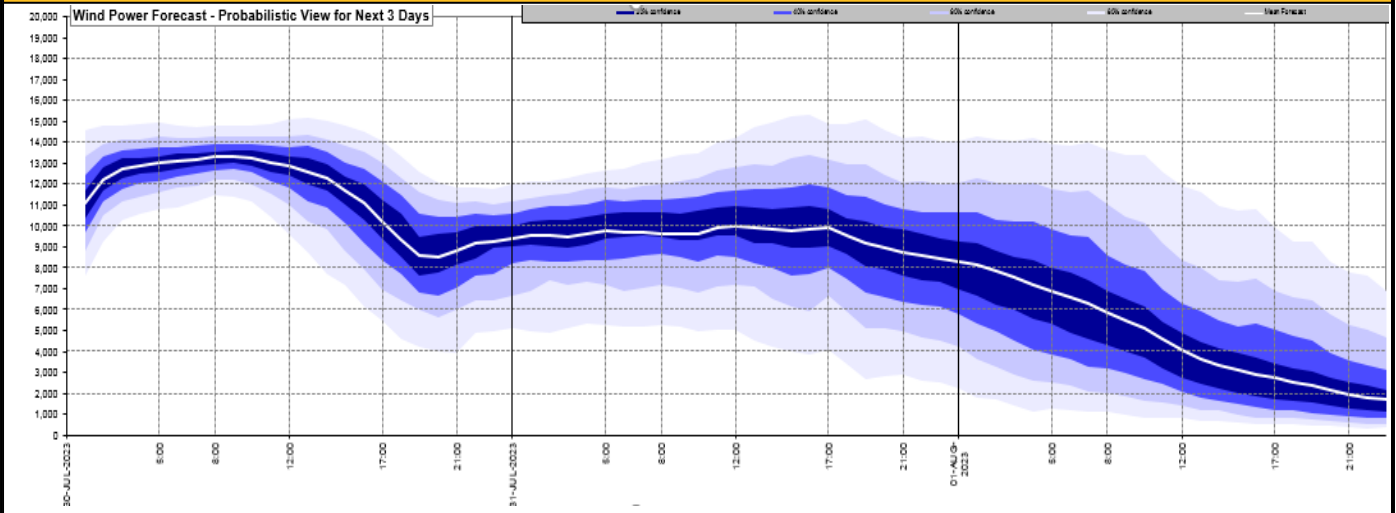
Today's Minimum De-Rated Margin	7904.16 (SP48)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	950 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£106 (SP 23/31/43/46)
Cash Out Price (Min)	£17 (SP 29/30)
Peak Demand Yesterday	23,060 MW
Minimum Demand	14,500 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

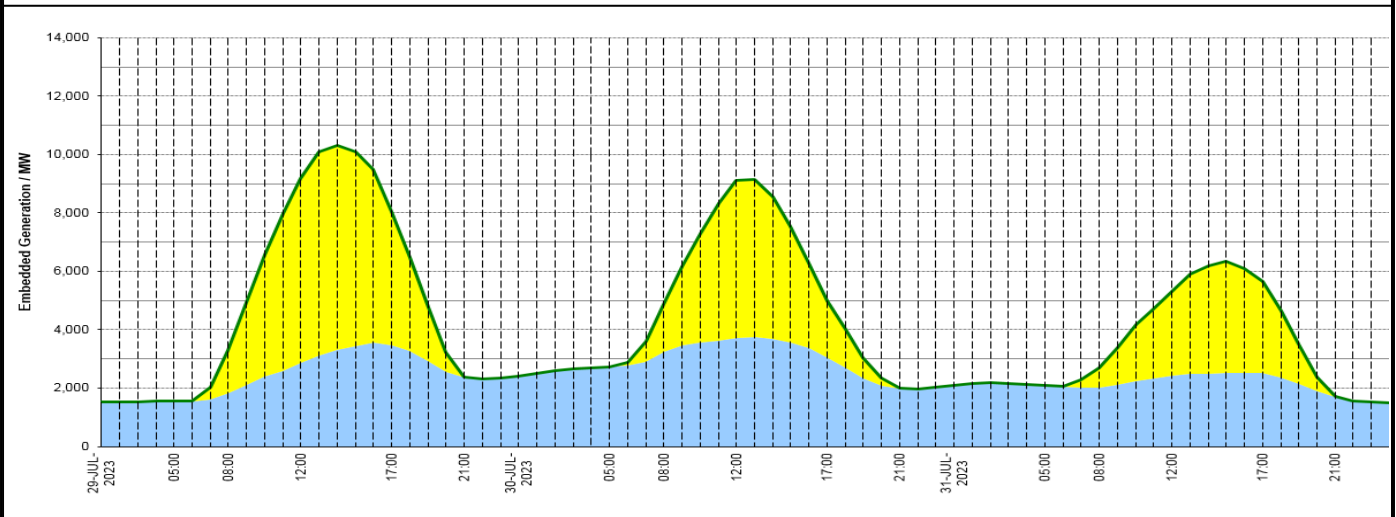
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	29-JUL-2023					30-JUL-2023					31-JUL-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	1458	6332	4599	41	0	0	1625	5427	1945	0	0	0	658	2890	3145	23
Wind (MW)	1546	1837	2855	3459	2348	2413	2726	3231	3702	3058	1991	2102	2098	2024	2411	2506	1689
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1546	3295	9187	8058	2389	2413	2726	4856	9129	5003	1991	2102	2098	2682	5301	5651	1712



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Locally heavy showers across parts of Scotland and northern England. Elsewhere, a dry start however outbreaks of rain across the southwest will slowly spread northeastwards. Rather breezy, and feeling cool but warmer in sunny spells and lighter winds across Scotland.</p> <p>Tonight: Cloudy with rain and drizzle, turning heavy at times. Drier with clear spells across northern Scotland. Breezy and humid across the south, but lighter winds in Scotland and feeling chillier.</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