

**National Electricity
Transmission System Status Report**

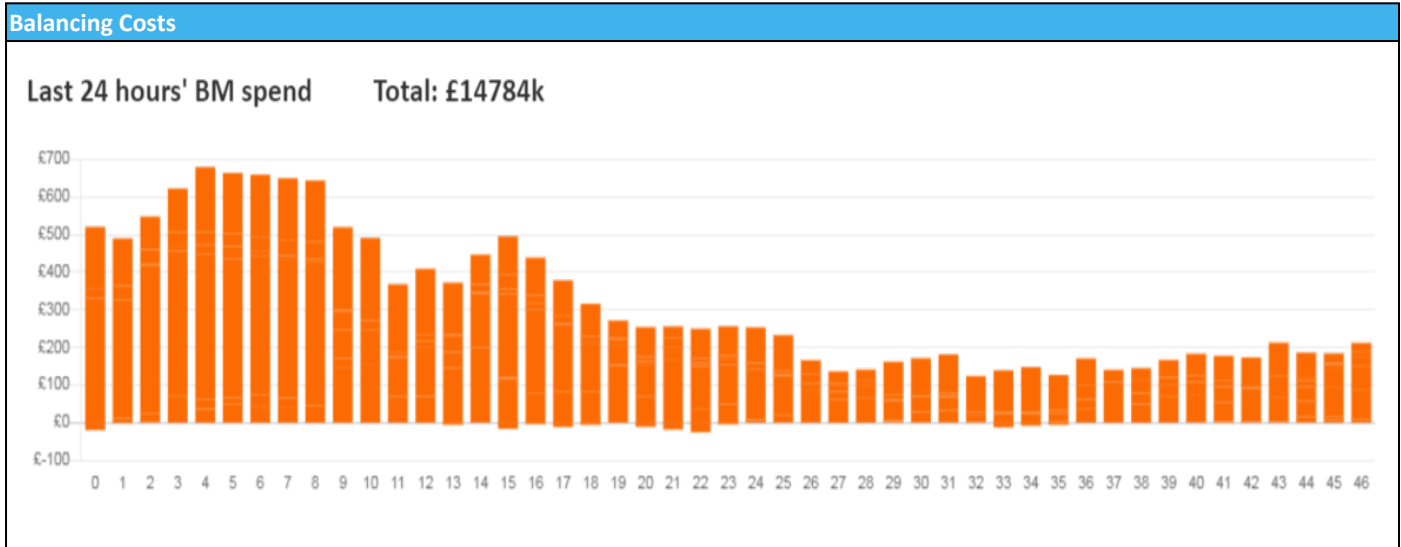


national**grid**ESO

National Electricity Transmission System Status Report
Saturday 08 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			

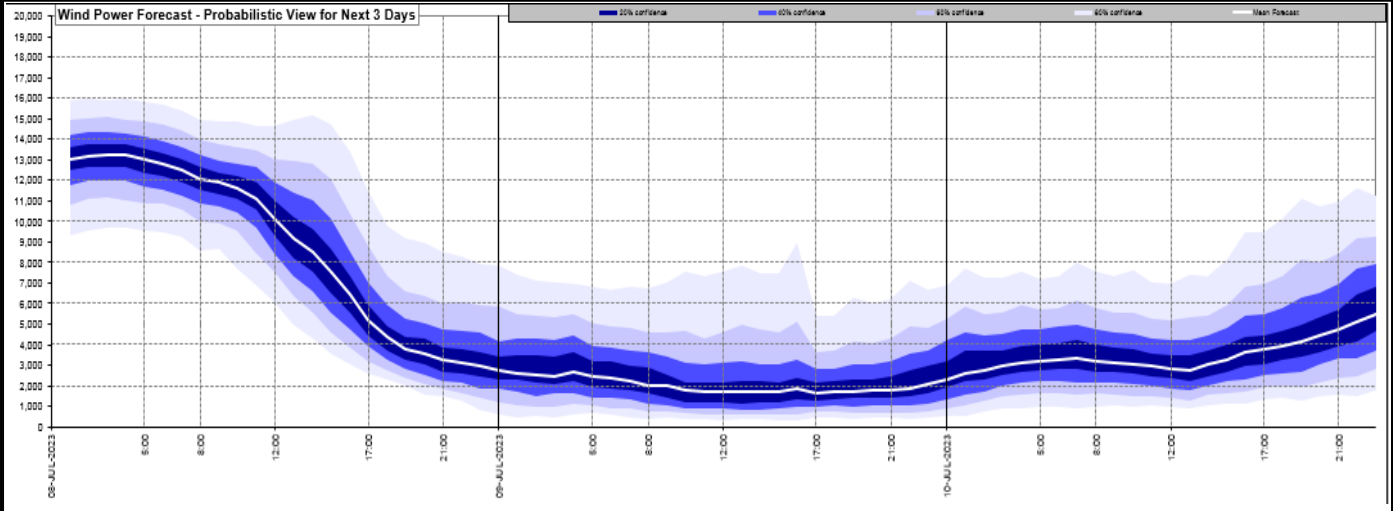
Today's Minimum De-Rated Margin	3,487 (SP 48)	
Current BMU Largest Loss Risk	Generation	1700 MW
	Demand	560MW



Yesterday's Market Summary	
Cash Out Price (Max)	£132.00 (SP 47, 48)
Cash Out Price (Min)	£-60 (SP 30)
Peak Demand Yesterday	29,031 MW
Minimum Demand	16,530 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

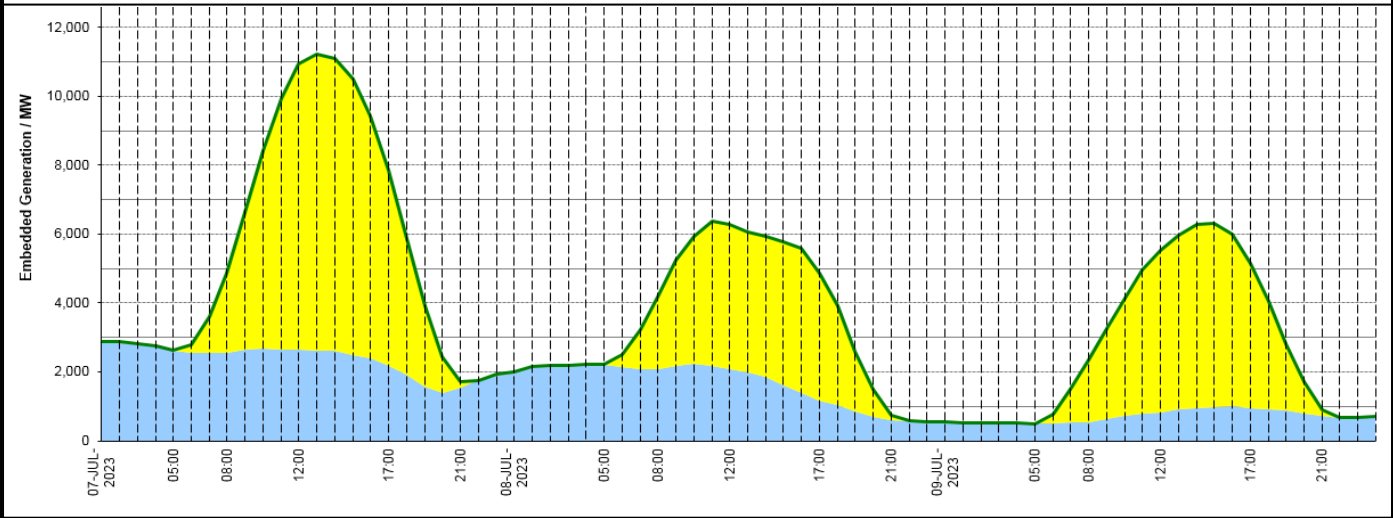
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	07-JUL-2023					08-JUL-2023					09-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	2324	8322	5667	191	0	17	2091	4196	3676	140	0	0	1797	4679	4208	186
Wind (MW)	2628	2551	2634	2179	1529	2010	2195	2088	2089	1178	602	540	502	551	835	955	720
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2628	4875	10956	7846	1720	2010	2212	4179	6285	4854	742	540	502	2348	5514	5163	906



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Another hot day in the east, but rain and thunderstorms spreading across many areas for a time, especially in the north and east during the afternoon. Windy in the northwest. Feeling fresher from the southwest later.</p> <p>Tonight: Heavy showers, carrying a risk of hail and thunder, will gradually ease, although a continued risk of rain across Scotland. Clearer skies elsewhere, and feeling cooler than previous nights.</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 thunderstorms Areas affected: Central, Tayside & Fife East Midlands East of England Grampian Highlands & Eilean Siar London & South East England North East England North West England SW Scotland, Lothian Borders South West England Strathclyde Wales West Midlands Yorkshire & Humber Starts: 09:00 BST on Sat 8 July Ends: 23:59 BST on Sat 8 July Heavy showers and thunderstorms are expected over parts of the UK on Saturday.</p> <p>Yellow warning of thunderstorms Areas affected: Northern Ireland</p>

Weather	Source	Commentary
		<p>Starts: 10:00 BST on Sun 9 July Ends: 21:00 BST on Sun 9 July Heavy showers and thunderstorms may cause some flooding and travel disruption</p> <p>Flood Warnings 0 flood warnings and 0 flood alerts issued for England.</p> <p>0 flood warnings and 7 flood alerts issued for Scotland.</p> <p>0 flood warnings and 0 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