

National Electricity Transmission System Status Report

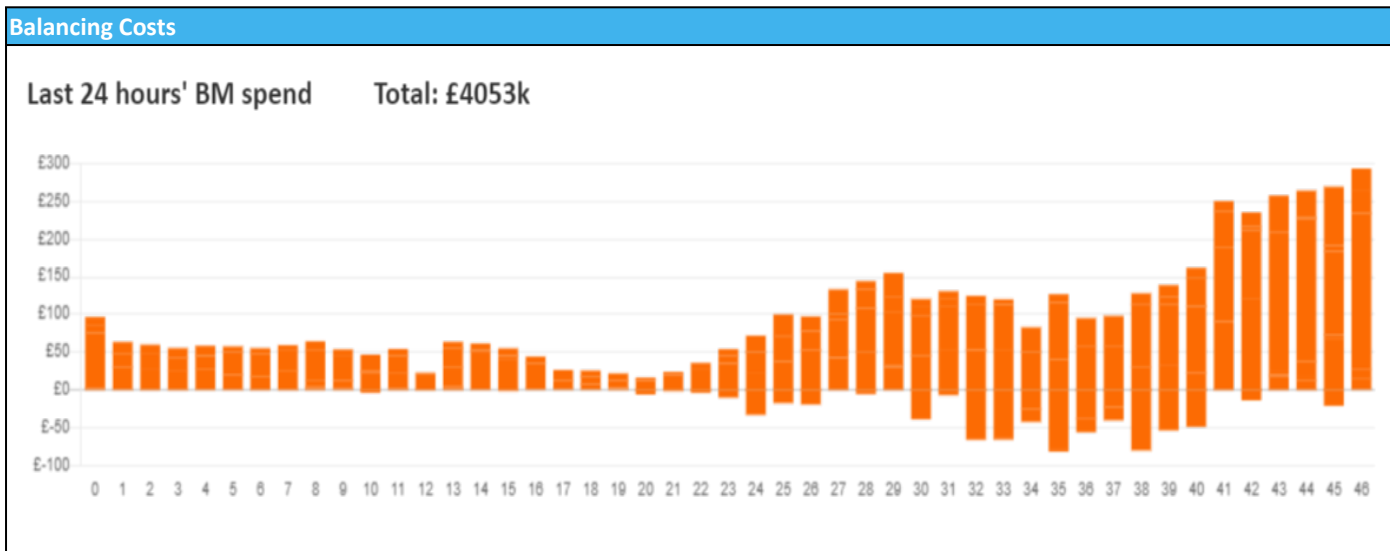


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National Electricity Transmission System Status Report
Friday 13 October 2023

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			

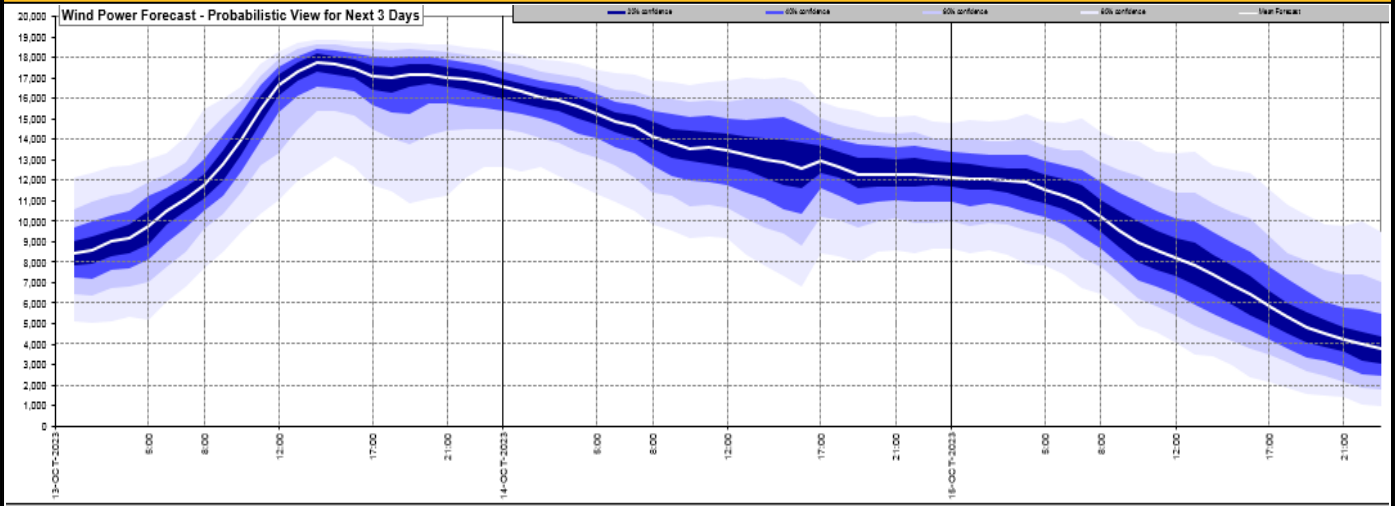
Today's Minimum De-Rated Margin	17928 (SP 18)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1150 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£159 (SP 17)
Cash Out Price (Min)	£0 (SP 36,38,39)
Peak Demand Yesterday	35707 MW
Minimum Demand	18190 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1000	1000	Partially available
Belgium (Nemo)	1000	1025	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1000	1000	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1437	1437	Fully Available
France (IFA2)	1014	1014	Fully Available
Viking Link	0	0	Not yet commissioned

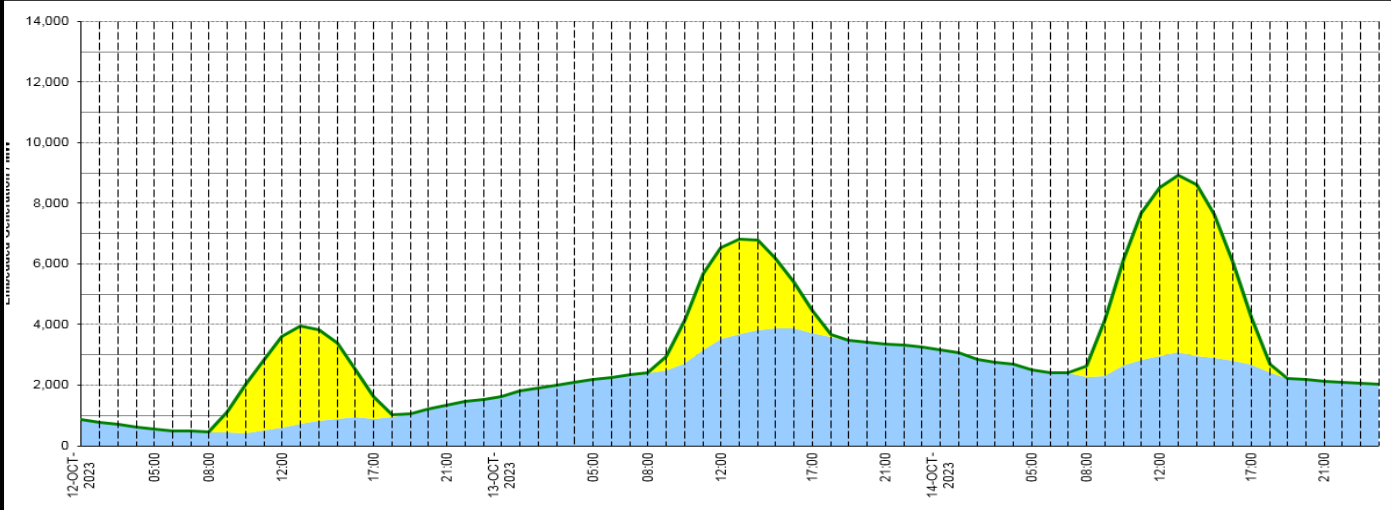
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	12-OCT-2023					13-OCT-2023					14-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	17	3000	738	0	0	0	18	3022	745	0	0	0	375	5556	1568	0
Wind (MW)	562	427	598	877	1335	1636	2193	2390	3520	3721	3354	3172	2513	2258	2955	2664	2135
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	562	444	3598	1615	1335	1636	2193	2408	6542	4466	3354	3172	2513	2633	8511	4232	2135



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Outbreaks of rain across England and Wales, which is likely to be heavy at times. Sunny spells and scattered showers for Scotland and Northern Ireland. A windy day for much of the UK. Still warm and muggy towards the southeast</p> <p>Tonight: Rain will clear southeastwards this evening, leaving most places dry with clear spells. Showers possible overnight across the north and west. Chilly, with a patchy frost in the north</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 rain Areas affected: East Midlands East of England London & South East England North West England South West England Wales West Midlands Yorkshire & Humber</p> <p>ACTIVE Started at: 21:00 BST on Thu 12 October Ends: 20:00 BST on Fri 13 October Heavy rain and strong winds may cause some disruption to travel during Friday.</p> <ul style="list-style-type: none"> - Spray and flooding on roads probably making journey times longer - Flooding of a few homes and businesses is likely - Bus and train services probably affected with journey times taking longer <p>Flood Warnings</p>

Weather	Source	Commentary
		0 flood warnings and 4 flood alerts issued for England. 0 flood warnings and 0 flood alerts issued for Scotland. 6 flood warnings and 17 flood alerts issued for Wales

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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