

**National Electricity
Transmission System Status Report**

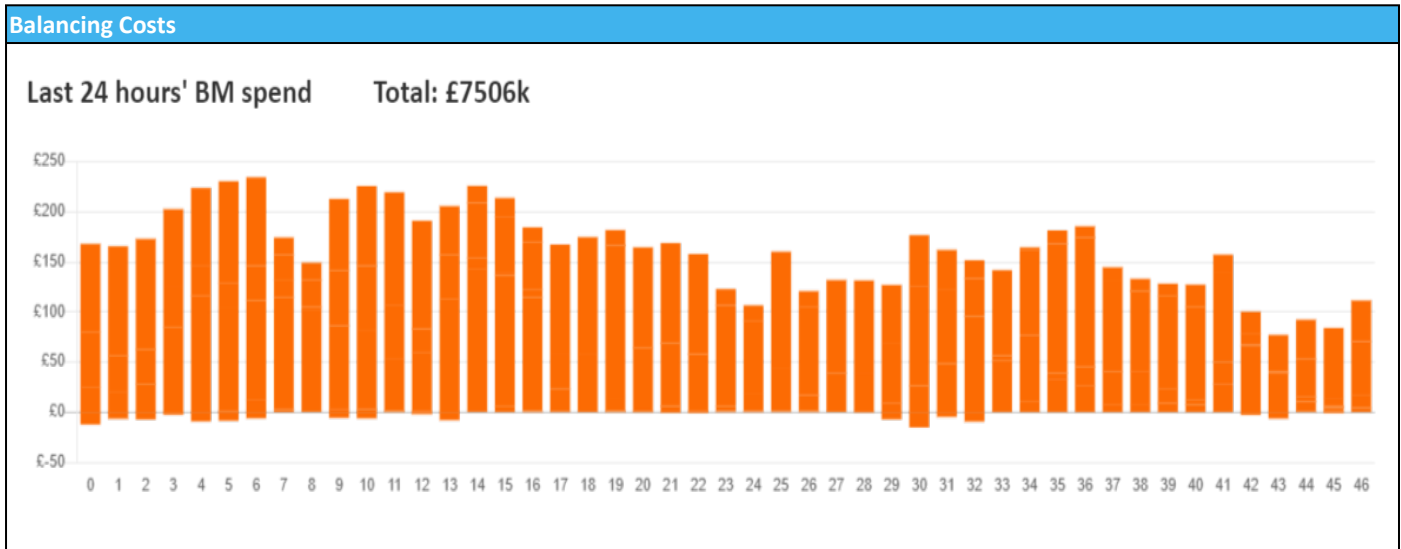


national**grid**ESO

National Electricity Transmission System Status Report
Sunday 08 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	7,552.89 (SP 39)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050 MW



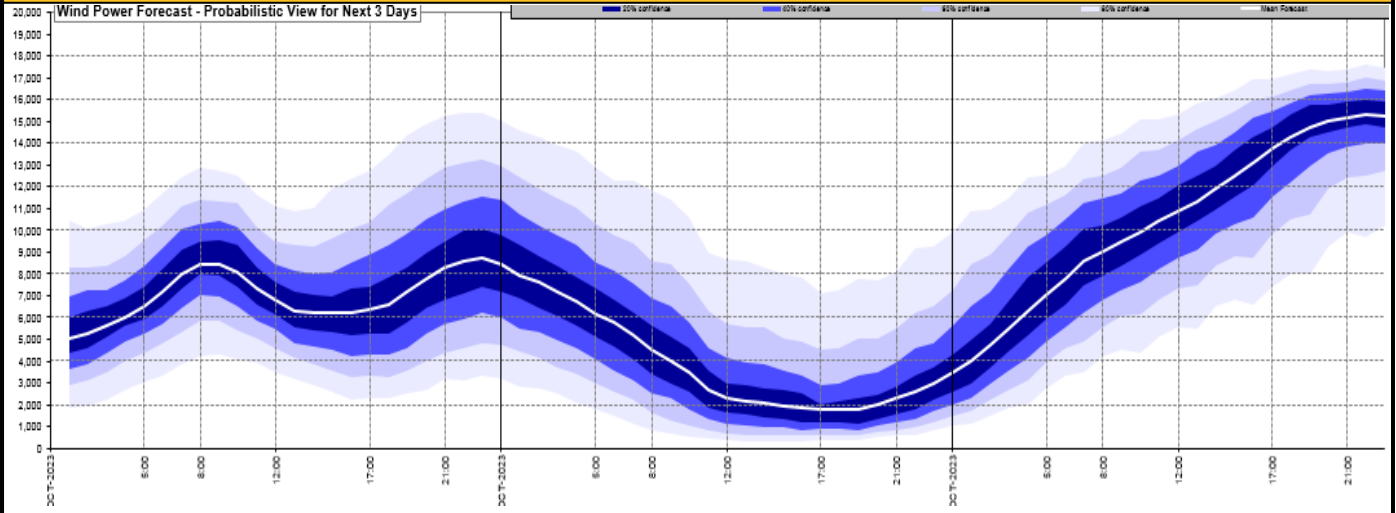
Yesterday's Market Summary

Cash Out Price (Max)	£120 (SP 36)
Cash Out Price (Min)	-£13.5 (SP 27)
Peak Demand Yesterday	29,423 MW
Minimum Demand	16,660 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 from 22:00 hours
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

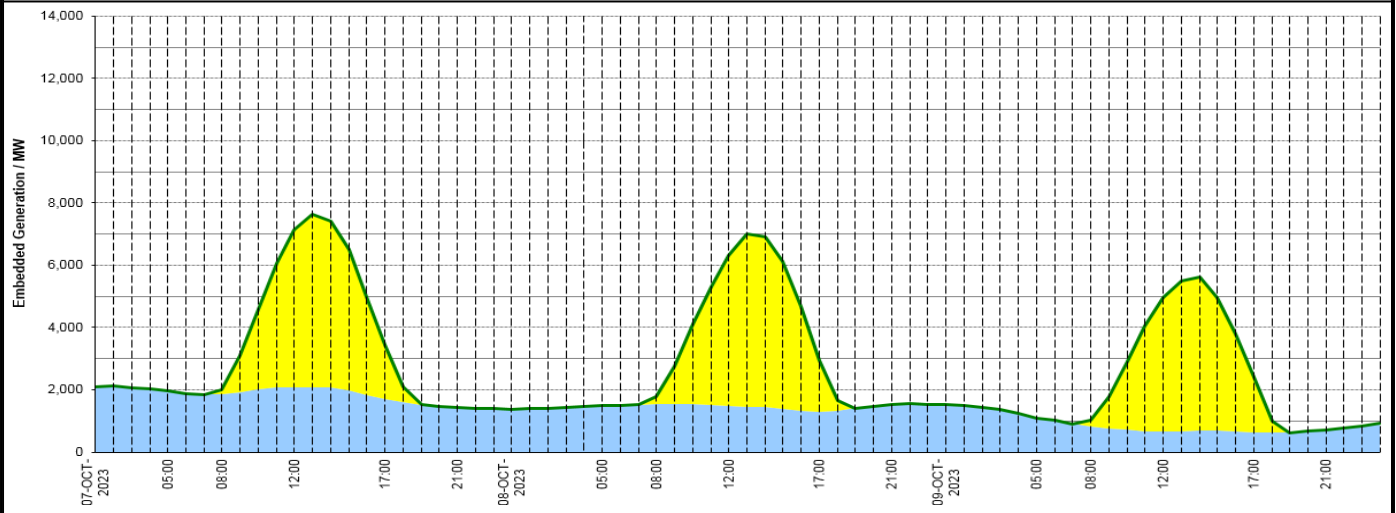
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates														Last run: 08-Oct-2023 04:32:51			
	07-OCT-2023					08-OCT-2023					09-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	155	5054	1751	0	0	0	235	4818	1680	0	0	0	208	4293	1758	0
Wind (MW)	1969	1854	2082	1713	1430	1370	1506	1530	1488	1279	1515	1524	1095	823	672	642	719
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1969	2009	7136	3464	1430	1370	1506	1765	6306	2959	1515	1524	1095	1031	4965	2400	719



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Rain across northern Scotland slowly clearing eastwards during the afternoon. Elsewhere largely dry and after a murky start in places there will be plenty of spells of hazy sunshine.</p> <p>Tonight: Heavy rain across Scotland will gradually move northwards overnight, to lie across northern areas by morning. Elsewhere, dry and mild with often large amounts of cloud. Some mist and low cloud possible in far south and west.</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 Amber warning of rain Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar</p> <p>ACTIVStarted at: 21:00 BST on Sat 7 OctoberEnds: 14:00 BST on Sun 8 October Rain will move north and east this evening and overnight, becoming heavy and persistent and leading to flooding and disruption.</p> <ul style="list-style-type: none"> - Fast flowing or deep floodwater is possible, causing a danger to life - Extensive flooding of homes and businesses is possible - Damage to buildings and structures or building collapse might happen

Weather	Source	Commentary
		<ul style="list-style-type: none"> - Road may potentially close, along with bus and train service delays and cancellations - Dangerous driving conditions might occur, because of spray and flooded roads - Loss of power and other essential services, such as gas, water or mobile phone services, is possible - Communities could be completely cut off by floodwater, perhaps for several days
		<p>Flood Warnings</p> <p>1 flood warnings and 4 flood alerts issued for England.</p> <p>54 flood warnings and 17 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