

**National Electricity
Transmission System Status Report**

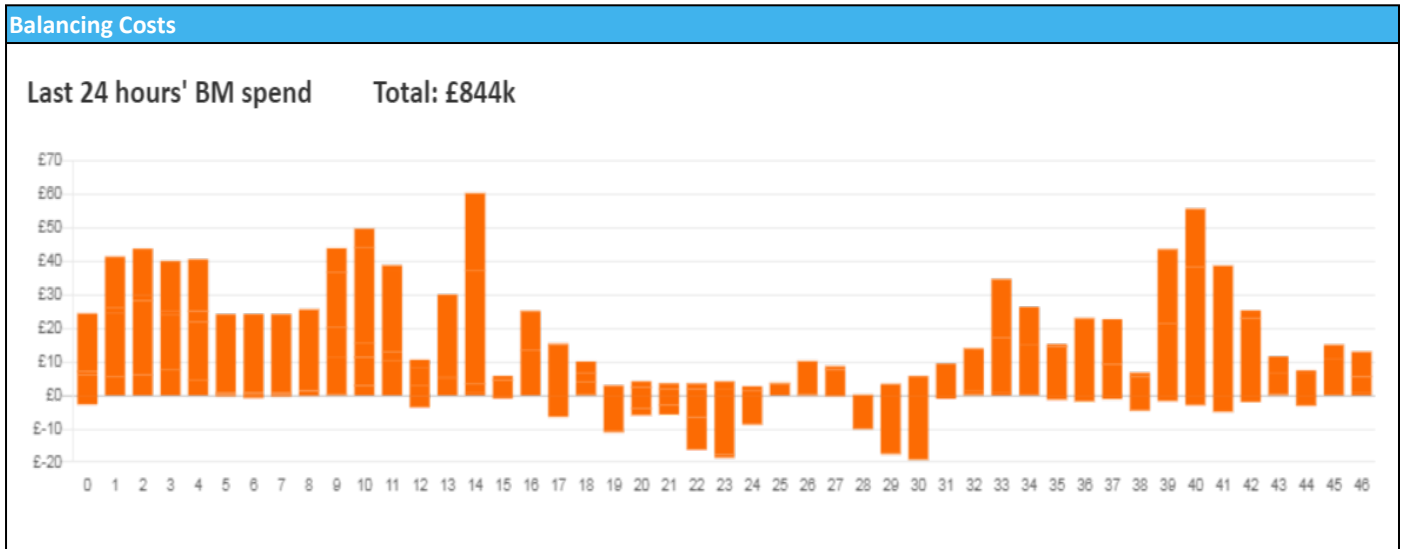


national**grid**ESO

National Electricity Transmission System Status Report
Saturday 05 August 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	5647 (SP 1)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW



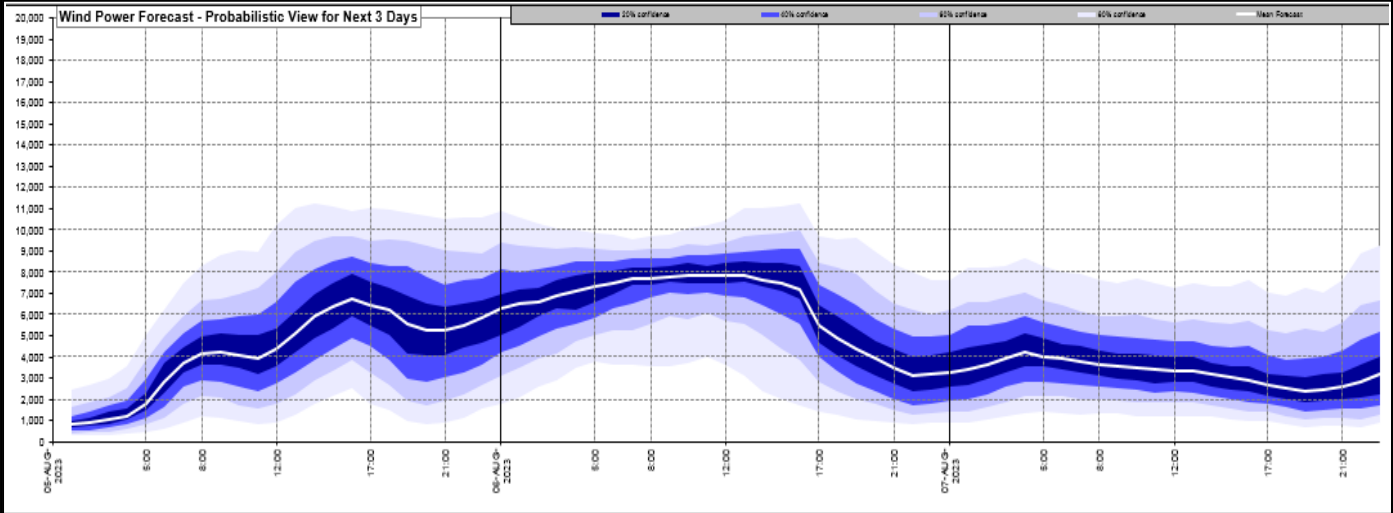
Yesterday's Market Summary

Cash Out Price (Max)	£139.9 (SP 43)
Cash Out Price (Min)	£17.79 (SP 23-24)
Peak Demand Yesterday	27, 511 MW
Minimum Demand	17, 090 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

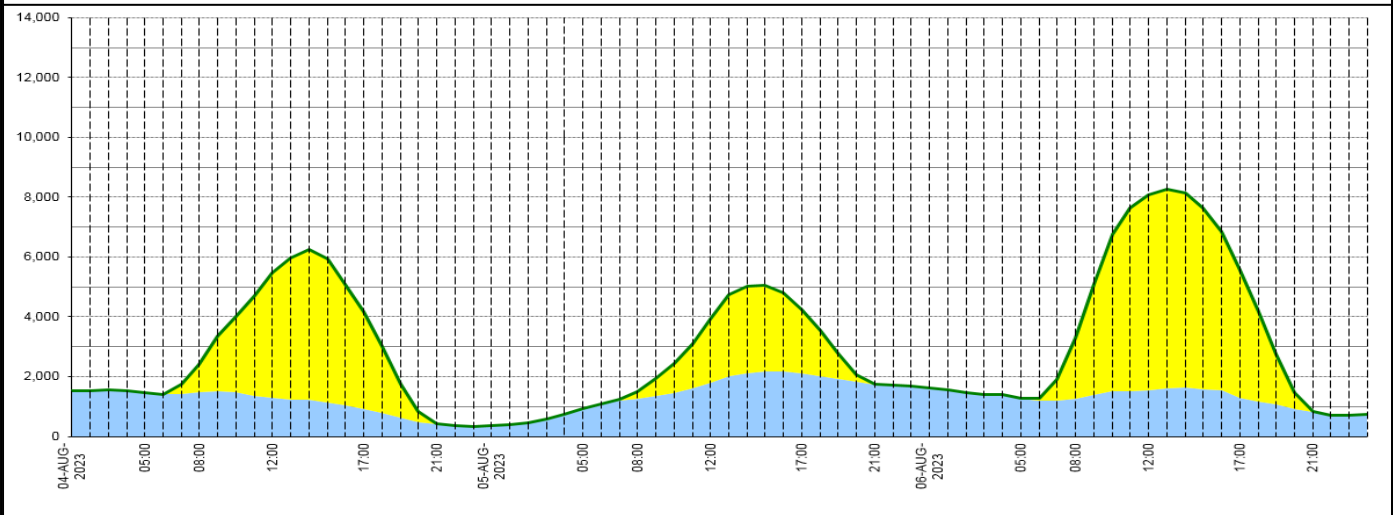
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	04-AUG-2023					05-AUG-2023					06-AUG-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	954	4187	3256	3	0	0	230	2125	2133	0	0	0	2053	6533	4265	17
Wind (MW)	1461	1471	1290	920	411	353	929	1276	1811	2110	1736	1615	1275	1251	1554	1295	806
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1461	2425	5477	4176	414	353	929	1506	3936	4243	1736	1615	1275	3304	8087	5560	823



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Storm Antoni will bring some disruptive weather as it moves from west to east today. Strong winds will affect southern and southwestern parts in particular. Heavy rain and thundery showers will also cause some local disruption. Temperature below average.</p> <p>Tonight: Strong winds and heavy rain will gradually ease as Storm Antoni clears to the east this evening. Overnight, it will remain breezy with clear spells and a few showers.</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: Northern Ireland ACTIVE Started at: 00:00 BST on Sat 5 August Ends: 11:00 BST on Sat 5 August Storm Antoni is expected to bring unseasonably wet and windy conditions and may lead to some disruption on Saturday morning.</p> <ul style="list-style-type: none"> - Homes and businesses could be flooded, causing damage to some buildings - Fast flowing or deep floodwater is possible, causing a danger to life - Delays or cancellations to train and bus services are possible - Spray and flooding could lead to difficult driving conditions and some road closures - Some communities may be cut off by flooded roads <p>Yellow warning of wind</p>

Weather	Source	Commentary
		<p>Areas affected: London & South East England South West England Wales West Midlands</p> <p>Starts: 08:00 BST on Sat 5 August Ends: 20:00 BST on Sat 5 August</p> <p>Storm Antoni will bring unseasonably windy weather to southern parts of the UK on Saturday.</p> <ul style="list-style-type: none"> - Injuries and danger to life from flying debris are possible - Some damage to buildings, such as tiles blown from roofs, could happen - Road, rail, air and ferry services may be affected, with longer journey times and cancellations possible - Some roads and bridges may close - Power cuts may occur, with the potential to affect other services, such as mobile phone coverage - Injuries and danger to life could occur from large waves and beach material being thrown onto sea fronts, coastal roads and properties <p>Amber warning of wind</p> <p>Areas affected: South West England Wales</p> <p>Starts: 11:00 BST on Sat 5 August Ends: 19:00 BST on Sat 5 August</p> <p>Storm Antoni brings the potential for damaging gusts of wind to some southwestern areas of both England and Wales on Saturday.</p> <ul style="list-style-type: none"> - Flying debris is possible and could lead to Injuries or danger to life - Probably some damage to buildings, such as tiles blown from roofs - Longer journey times and cancellations likely, as road, rail, air and ferry services may be affected - Some roads and bridges likely to close - There is a good chance that power cuts may occur, with the potential to affect other services, such as mobile phone coverage - Injuries and danger to life is likely from large waves and beach material being thrown onto coastal roads, sea fronts and properties <p>Flood Warnings</p> <p>0 flood warnings and 18 flood alerts issued for England.</p> <p>0 flood warnings and 0 flood alerts issued for Scotland.</p> <p>0 flood warning and 3 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