

**National Electricity
Transmission System Status Report**

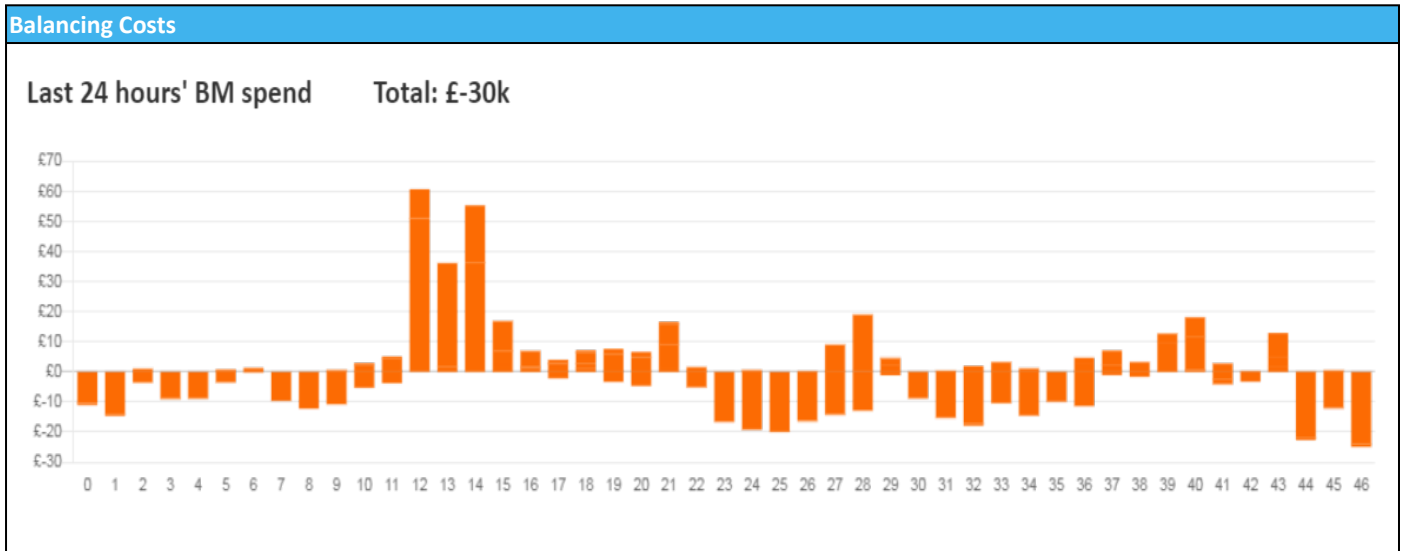


national**grid**ESO

National Electricity Transmission System Status Report
Friday 14 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			

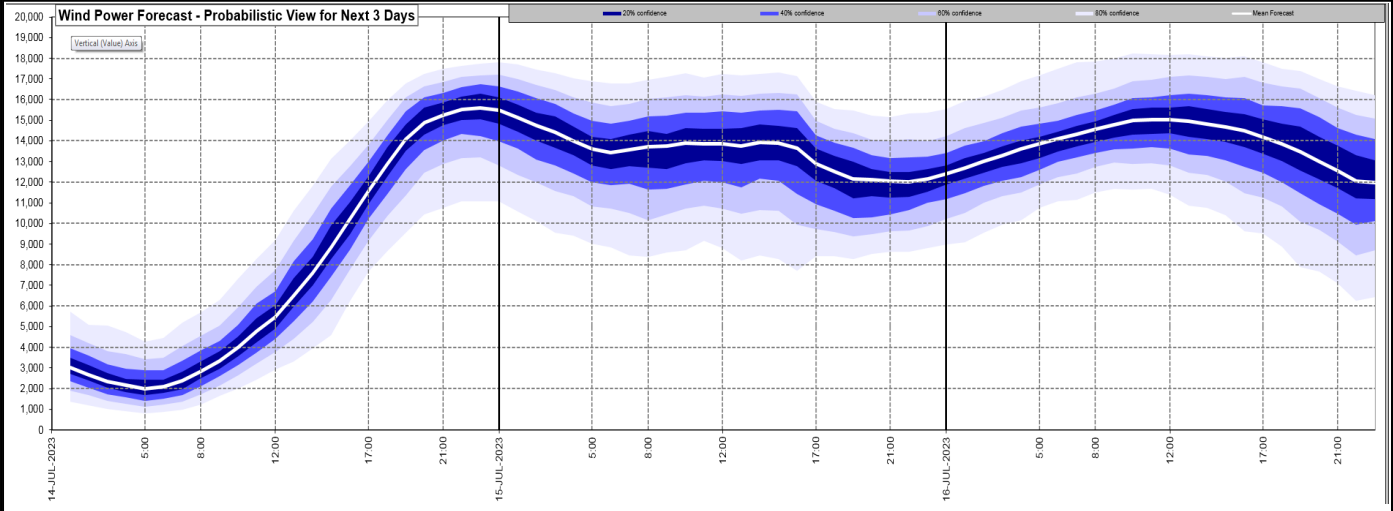
Today's Minimum De-Rated Margin	4,239 (SP 18)	
Current BMU Largest Loss Risk	Generation	1600 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£119.50 (SP 45)
Cash Out Price (Min)	£26.45 (SP 43)
Peak Demand Yesterday	29,358 MW
Minimum Demand	18,060 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

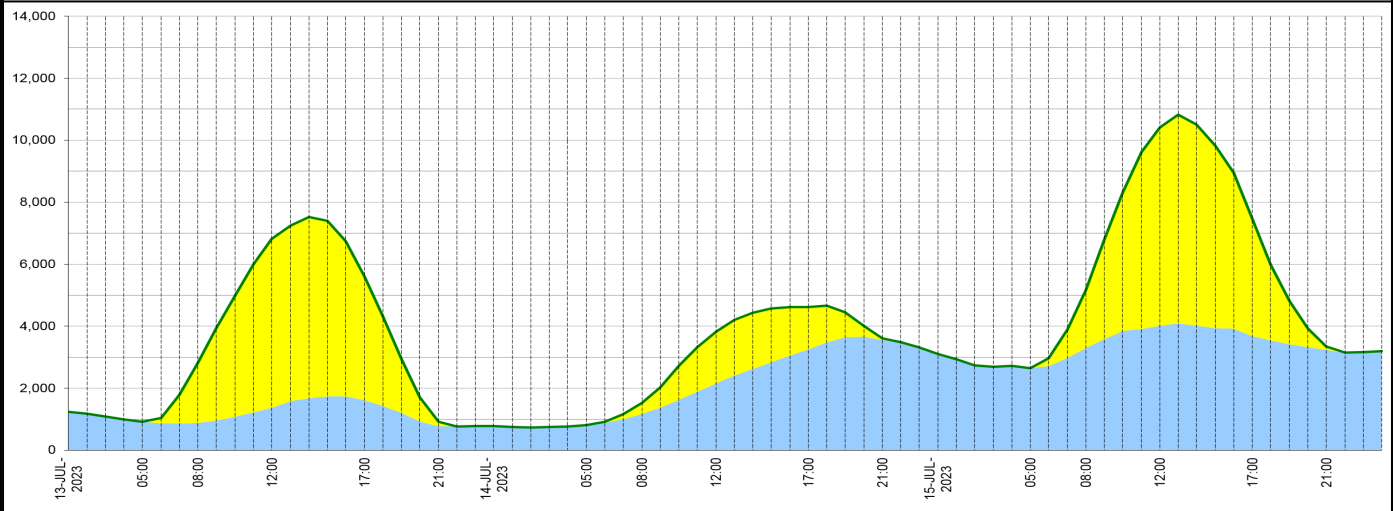
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	13-JUL-2023					14-JUL-2023					15-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	1929	5445	3981	141	0	0	363	1663	1370	44	0	0	1864	6395	3796	112
Wind (MW)	919	878	1370	1607	771	776	802	1162	2152	3253	3558	3106	2648	3299	4015	3678	3230
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	919	2807	6815	5588	912	776	802	1525	3815	4623	3602	3106	2648	5163	10410	7474	3342



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Rather cloudy but mostly dry at first in the north and east. However, locally heavy rain will move northeast from southwest England accompanied by strong to gale force winds. Showers following from the southwest later. Feeling rather cool for most.</p> <p>Tonight: Rain clearing all but the north of Scotland overnight with showers persisting in the west. Drier elsewhere with some clear spells. Remaining windy while staying rather mild.</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</p> <p>Yellow warning of wind Areas affected: South West England Wales Starts: 07:00 BST on Fri 14 July Ends: 19:00 BST on Fri 14 July Strong winds will bring the potential for some disruption on Friday.</p> <ul style="list-style-type: none"> - Possible delays to rail, air and ferry transport due to strong winds - Some damage to trees or temporary structures such as marquees, tents & inflatables, could occur - Standing water and spray on roads leading to difficult driving conditions <p>Issued at: 09:35 BST on Thu 13 July</p> <p>Yellow warning of wind Areas affected: East Midlands East of England London & South East England South</p>

Weather	Source	Commentary
		<p>West England West Midlands Starts: 09:00 BST on Sat 15 July Ends: 23:59 BST on Sat 15 July An unseasonably windy day is likely on Saturday.</p> <ul style="list-style-type: none"> - Some delays to road, rail, air and ferry transport are likely - Some short term loss of power and other services is possible - It's likely that some coastal routes, sea fronts and coastal communities will be affected by spray and/or large waves - Delays for high-sided vehicles on exposed routes and bridges likely - Some damage to trees or temporary structures such as marquees, tents & inflatables, could occur <p>Issued at: 09:35 BST on Thu 13 July</p>
		<p>Flood Warnings 0 flood warnings and 0 flood alerts issued for England.</p> <p>0 flood warnings and 0 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