

National Electricity Transmission System Status Report

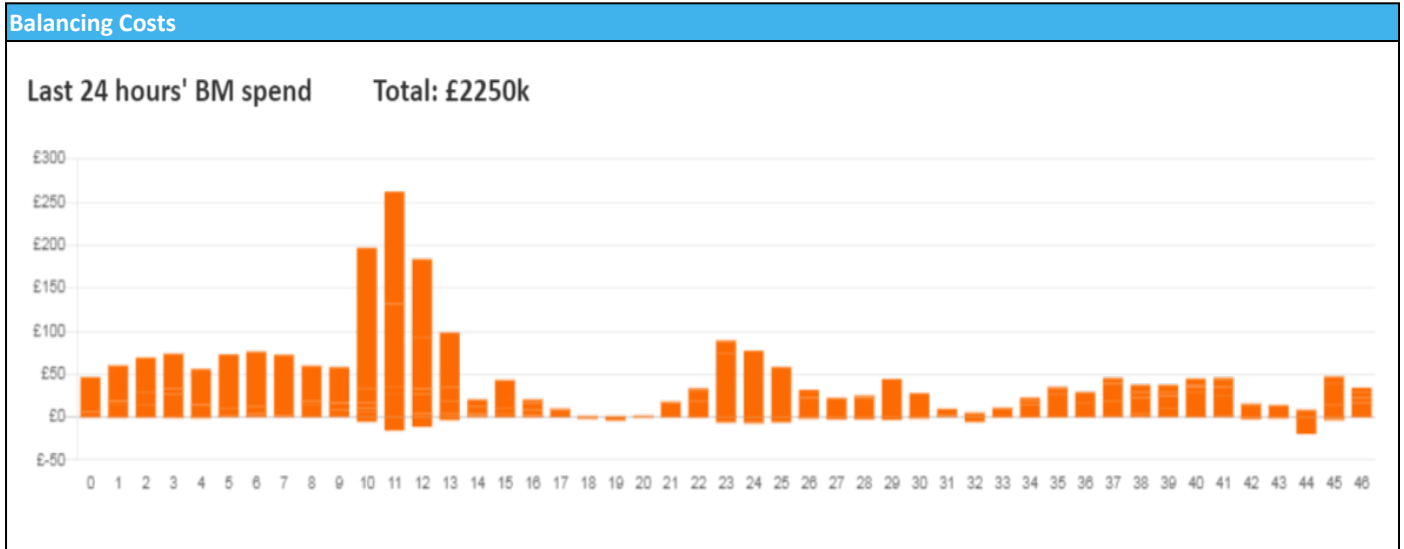


nationalgridESO

National Electricity Transmission System Status Report
Friday 04 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			

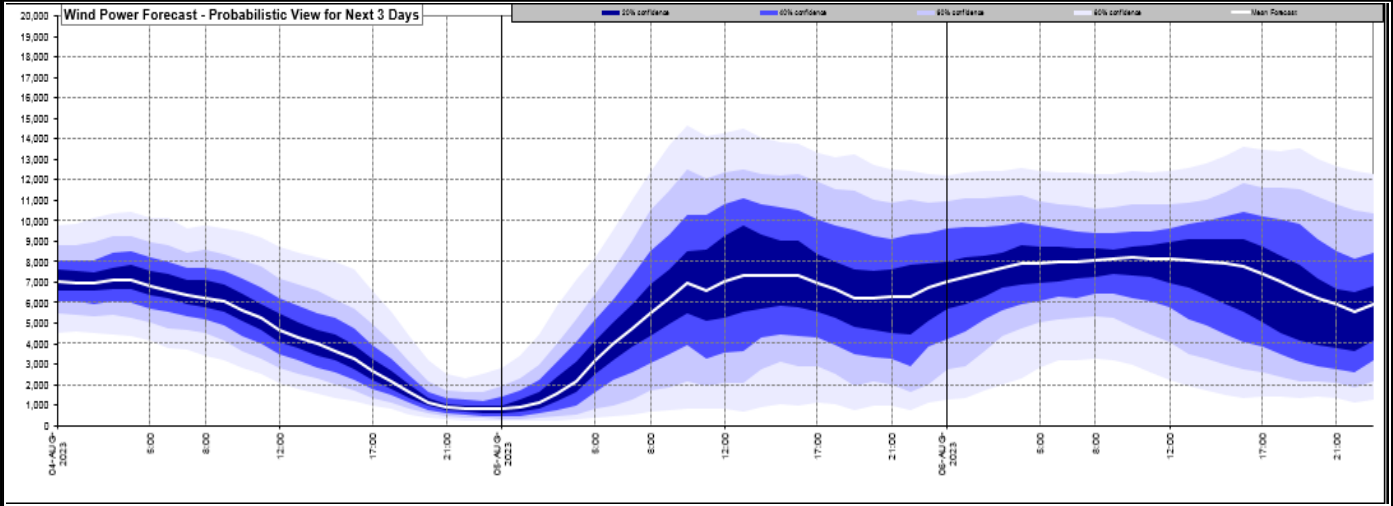
Today's Minimum De-Rated Margin	1012 (SP 47)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£138 (SP 47)
Cash Out Price (Min)	£4.17 (SP 1)
Peak Demand Yesterday	27, 557 MW
Minimum Demand	17, 020 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1130	Fully Available
France (IFA)	1000	1000	Partially 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

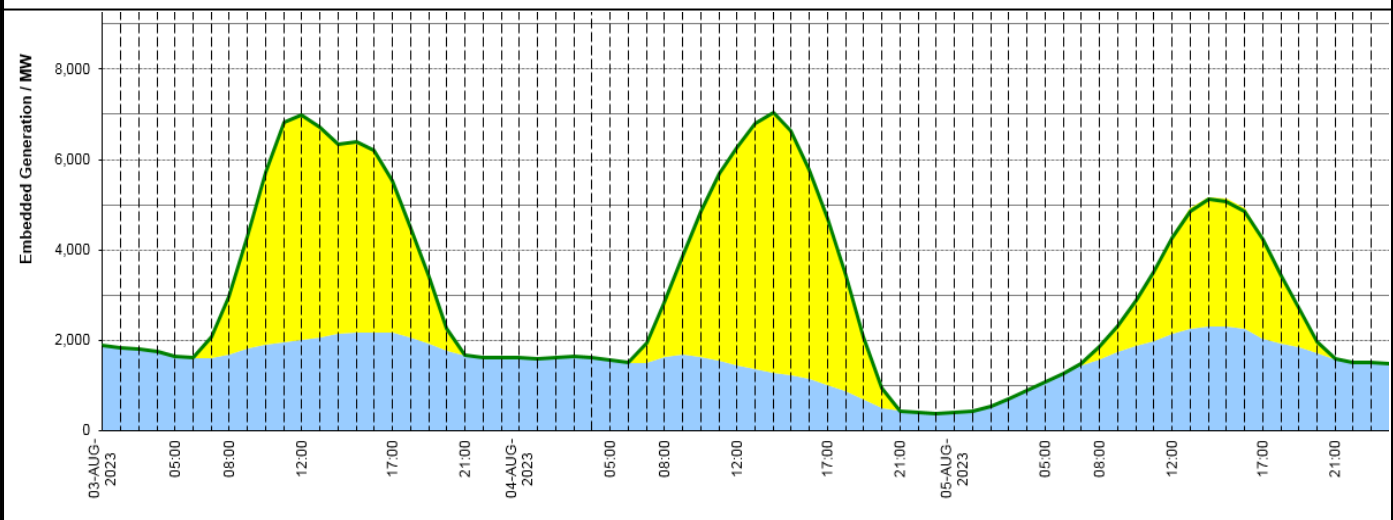
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	03-AUG-2023					04-AUG-2023					05-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	1294	4966	3360	13	0	0	1200	4874	3707	0	0	0	284	2181	2247	0
Wind (MW)	1656	1679	2017	2161	1667	1625	1556	1635	1446	1014	429	396	1085	1578	2136	2021	1582
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1656	2973	6983	5521	1680	1625	1556	2833	6270	4702	429	396	1085	1853	4261	4220	1582



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: A mixture of sunny or bright spells and showers today. The showers becoming mainly focused across eastern areas where they become heavy and possibly thundery. Western areas will turn drier, but cloud increases later in the afternoon.</p> <p>Tonight: Cloud, rain and strengthening winds moving gradually east across many parts, with the heaviest rain across Northern Ireland. Northern Scotland continuing with a mix of clear spells and 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 Starts: 00:00 BST on Sat 5 August Ends: 12:00 BST on Sat 5 August Unseasonably wet and windy conditions may lead to some disruption on Saturday morning.</p> <p>Yellow warning of wind Areas affected: London & South East England South West England Wales West Midlands Starts: 06:00 BST on Sat 5 August</p>

Weather	Source	Commentary
		<p>Ends: 21:00 BST on Sat 5 August Unseasonably windy weather will affect parts of the UK on Saturday leading to a risk of disruption to travel and outdoor activities.</p>
		<p>Flood Warnings 0 flood warnings and 24 flood alerts issued for England. 0 flood warnings and 0 flood alerts issued for Scotland. 0 flood warning and 2 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