

**National Electricity
Transmission System Status Report**

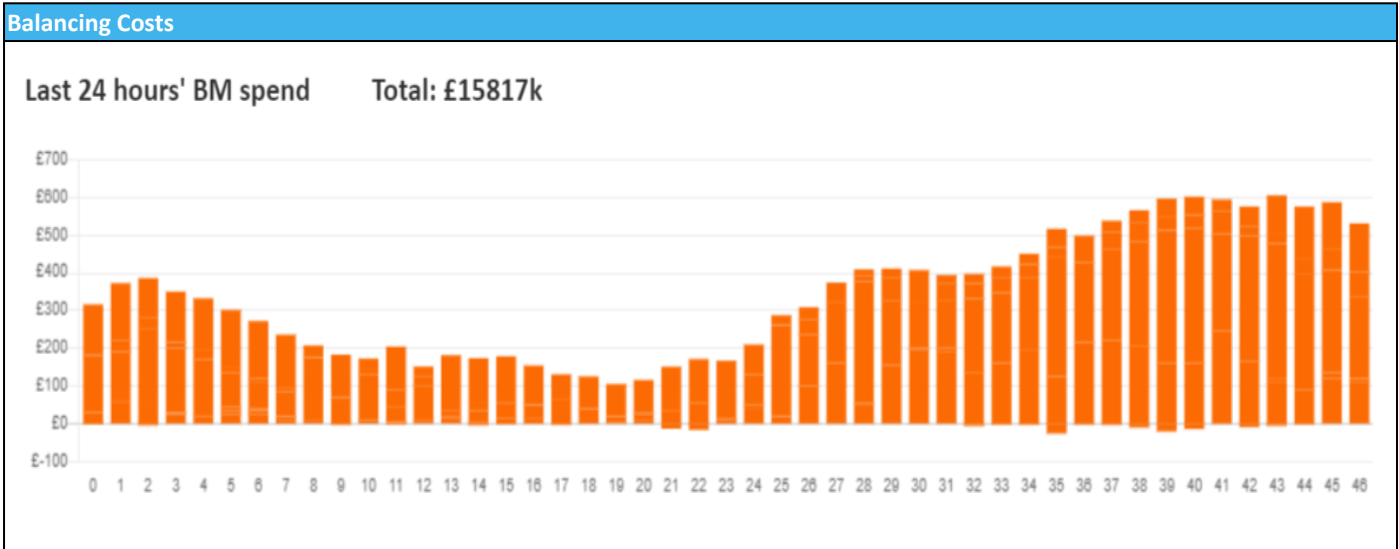


national**grid**ESO

National Electricity Transmission System Status Report
Thursday 22 August 2024

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			

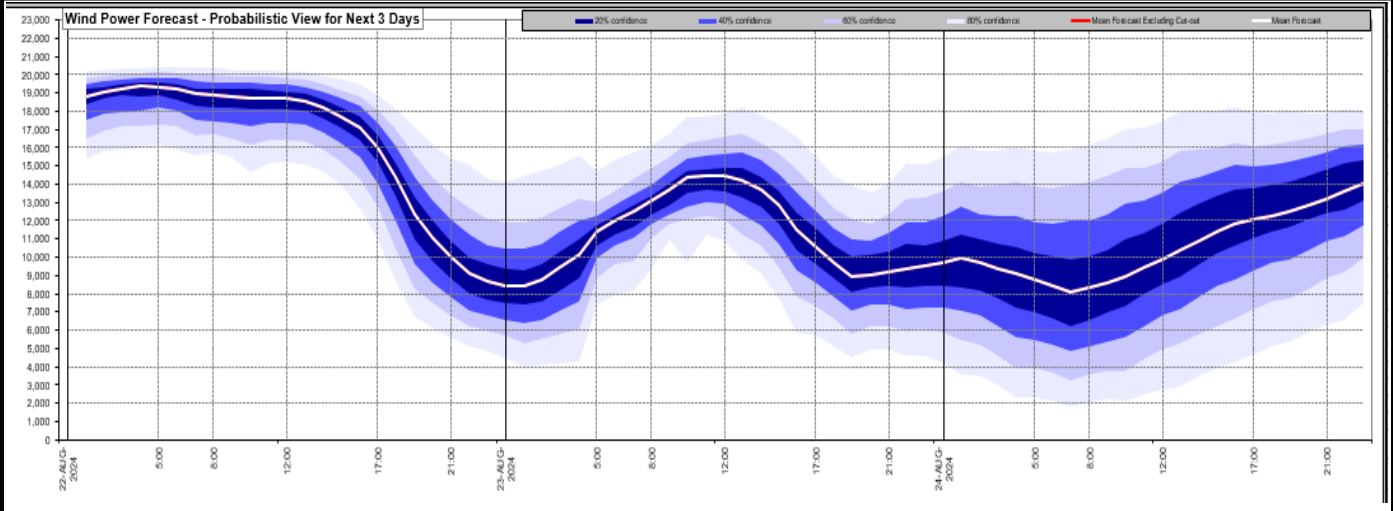
Today's Minimum De-Rated Margin	10,954 (SP 47)	
Current BMU Largest Loss Risk	Generation	1500MW
	Demand	1050MW



Yesterday's Market Summary	
Cash Out Price (Max)	103.00 £/MWh (SP 14)
Cash Out Price (Min)	-71.32 £/MWh (SP 24)
Peak Demand Yesterday	27,236 MW
Minimum Demand	15,090 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	500	Fully Available
France (ElecLink)	1000	1000	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available
France (IFA2)	0	0	Unavailable
Viking Link	1400	1400	Fully Available
Ireland (GreenLink)	0	0	Not yet commissioned

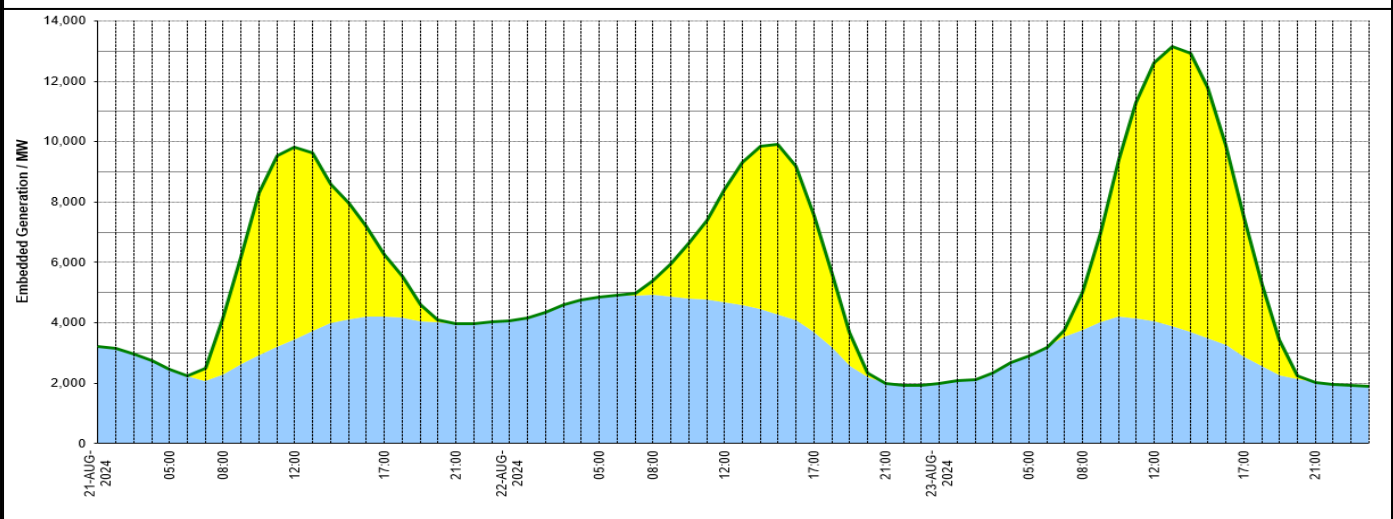
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates													Last run: 22-Aug-2024 04:32:57				
	21-AUG-2024					22-AUG-2024					23-AUG-2024						
	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	1849	6335	2050	0	0	0	434	3707	3854	0	0	0	1218	8565	4599	0
Wind (MW)	2463	2289	3467	4207	3960	4070	4860	4937	4692	3691	1998	1979	2913	3779	4043	2899	2034
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2463	4138	9802	6257	3960	4070	4860	5371	8399	7545	1998	1979	2913	4997	12608	7498	2034



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Rain moving southeastwards throughout the day, with sunny spells and blustery showers following across the north and west. Very windy during the morning, but easing through the day. Rather cool for many. Tonight: Rain arrives from the west during the evening and spreads eastwards overnight, turning heavy at times. Winds strengthening overnight and turning gusty by dawn.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings Yellow warning of rain Areas affected: Central, Tayside & Fife Highlands & Eilean Siar SW Scotland, Lothian Borders Strathclyde ACTIVE Started at: 11:00 BST on Wed 21 August Ends: 08:00 BST on Thu 22 August A period of heavy rain and strong winds could lead to impacts from flooding. Yellow warning of wind Areas affected: Central, Tayside & Fife North East England North West England

Weather	Source	Commentary
		SW Scotland, Lothian Borders Strathclyde Wales
		ACTIVEStarted at: 01:00 BST on Thu 22 AugustEnds: 09:00 BST on Thu 22 August Strong winds leading to some travel disruption at first on Thursday morning.
		Flood Warnings 7 flood warnings and 45 flood alerts issued for England. 3 flood warnings and 14 flood alerts issued for Scotland. 0 flood warnings and 10 flood alerts issued for Wales

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Further Information	
BM Reports	https://www.bmreports.com
System Balancing Reports	https://www.nationalgrideso.com/industry-information/industry-data-and-reports/system-balancing-reports
Forecast Volumes and Costs	https://www.nationalgrideso.com/industry-information/industry-data-and-reports/forecast-volumes-and-costs