

National Electricity Transmission System Status Report

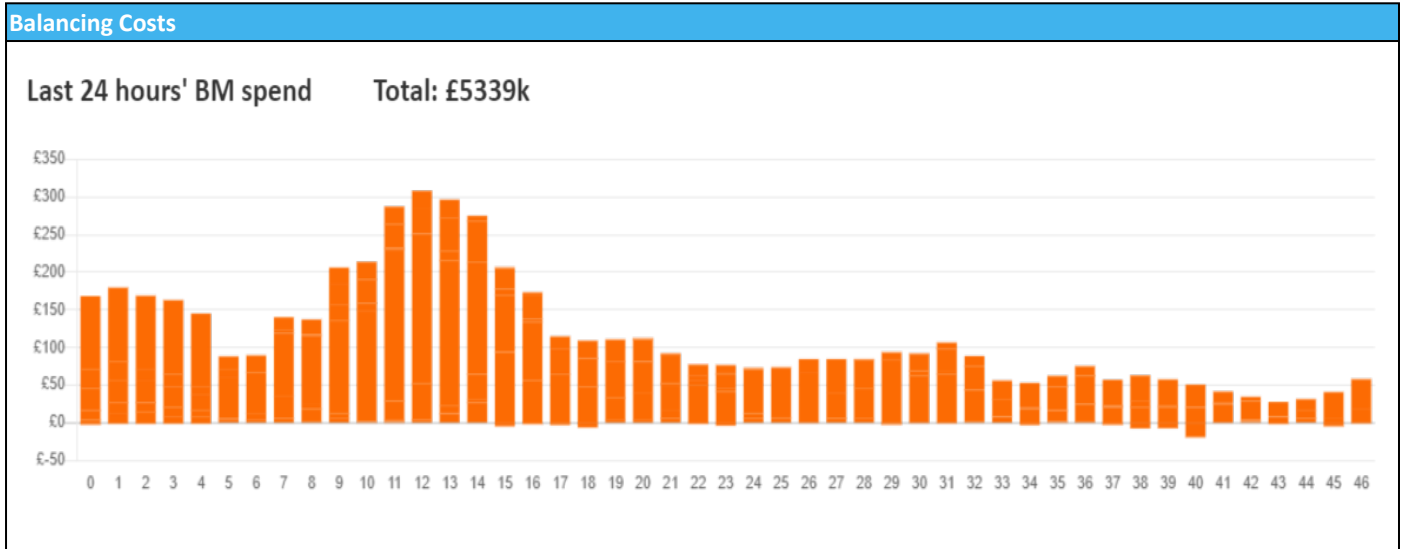


nationalgridESO

National Electricity Transmission System Status Report
Thursday 05 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	9,756 (SP 21)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050 MW



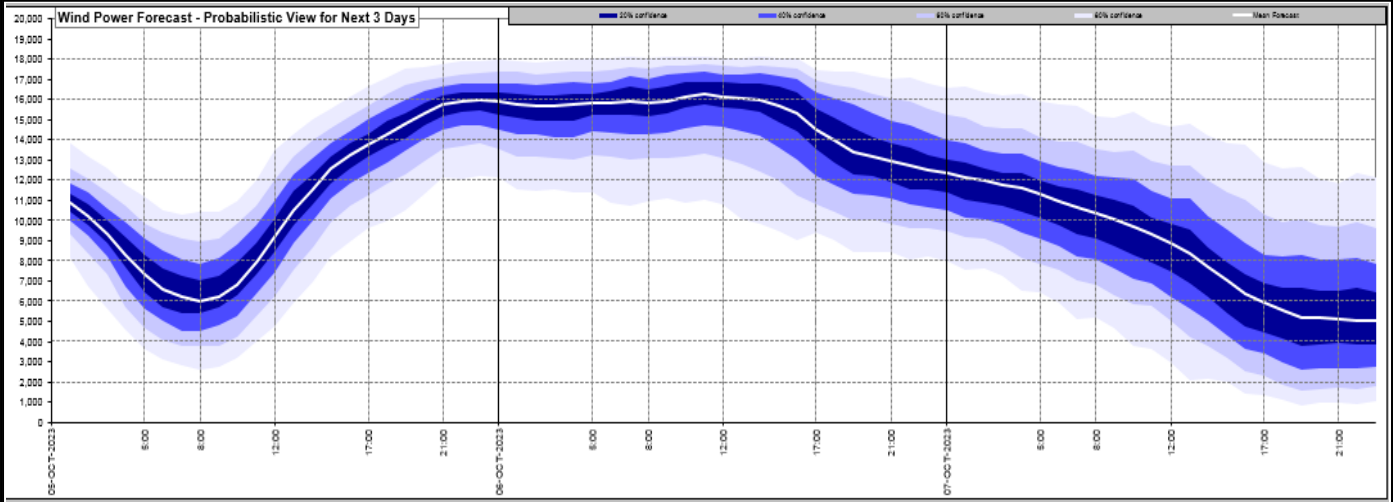
Yesterday's Market Summary

Cash Out Price (Max)	£118.00 (SP 31-33)
Cash Out Price (Min)	£4.21 (SP 3-5)
Peak Demand Yesterday	36,034 MW
Minimum Demand	17,432 MW

Interconnector Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1000	1000	Partially available
Belgium (Nemo)	0	0	Unavailable
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

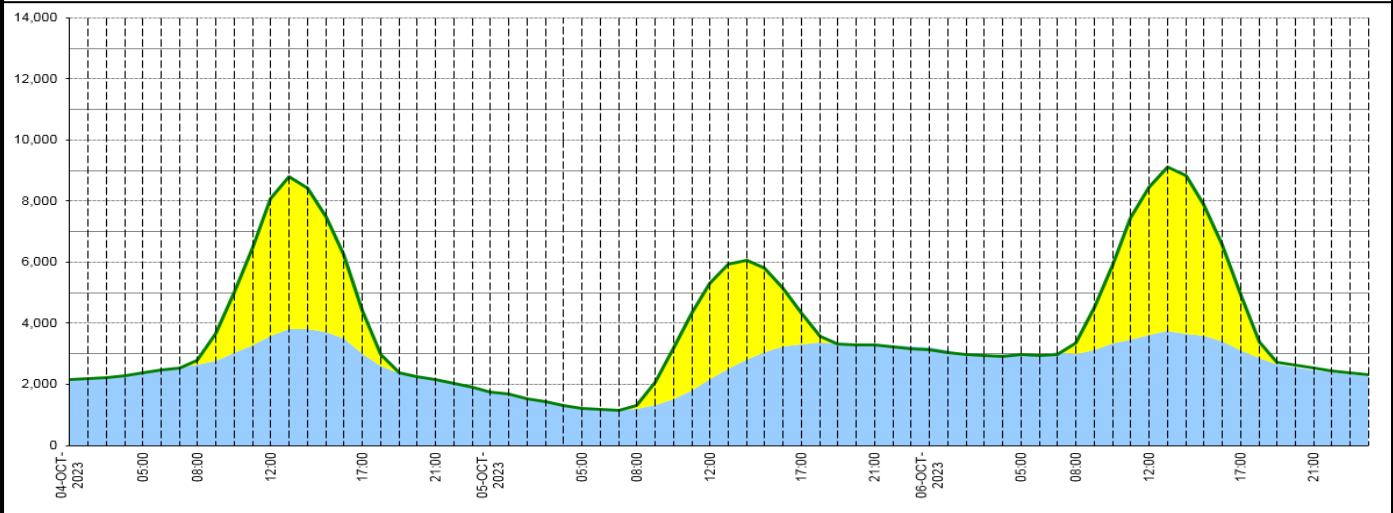
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	04-OCT-2023					05-OCT-2023					06-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	138	4466	1447	0	0	0	125	3171	1041	0	0	0	348	4855	1733	0
Wind (MW)	2376	2648	3597	2985	2162	1761	1231	1204	2175	3318	3324	3201	2959	2990	3612	3122	2468
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2376	2786	8063	4432	2162	1761	1216	1317	5315	4329	3282	3139	2964	3341	8467	4913	2535



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Cloud and outbreaks of rain will move eastwards across the north and west of the UK through the day. Southern and eastern parts will generally remain dry and bright, though some rain may develop later on in the day. Breezy. Tonight: A rather cloudy evening and night, with further rain in places. The rain mainly focused towards the northwest, where it could be heavy at times over the higher ground. Mild.
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 Strathclyde Starts: 12:00 BST on Fri 6 October Ends: 23:59 BST on Sat 7 October Persistent, occasionally heavy rain is expected on Friday and Saturday. Some disruption, mainly to travel, is possible. - Spray and flooding could lead to difficult driving conditions and some road closures - Where flooding occurs, there is a chance of delays or cancellations to train and bus services - There is a small chance that some communities will become cut off by flooded roads - There is a small chance that homes and businesses could be flooded, causing damage to some buildings - There is a slight chance of power cuts and loss of other services to some homes and

Weather	Source	Commentary
		businesses
		Flood Warnings 0 flood warnings and 1 flood alerts issued for England.
		0 flood warnings and 0 flood alerts issued for Scotland.
		0 flood warnings and 0 flood alerts issued for Wales

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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