

**National Electricity
Transmission System Status Report**

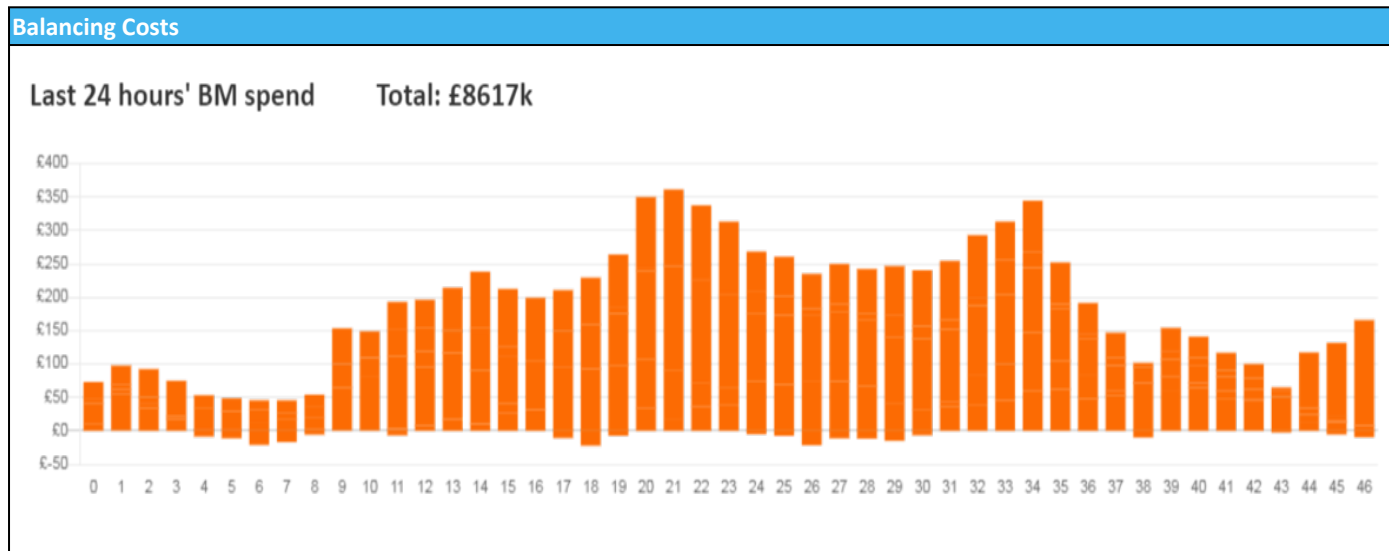


national**grid**ESO

National Electricity Transmission System Status Report
Saturday 29 October 2022

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			

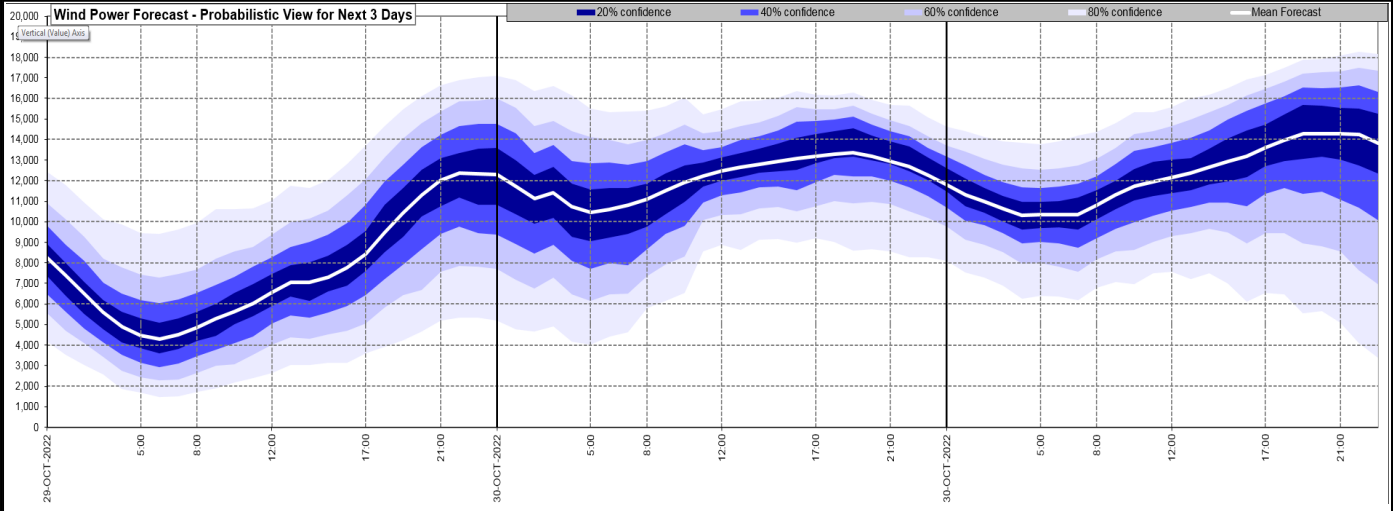
Today's Minimum De-Rated Margin	9,968 (SP 19)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	1050 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£129 (SP 15)
Cash Out Price (Min)	£30.10 (SP 8)
Peak Demand Yesterday	35,457 MW
Minimum Demand	17,692 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1000	1025	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
France (IFA)	1000	1000	Partially Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available

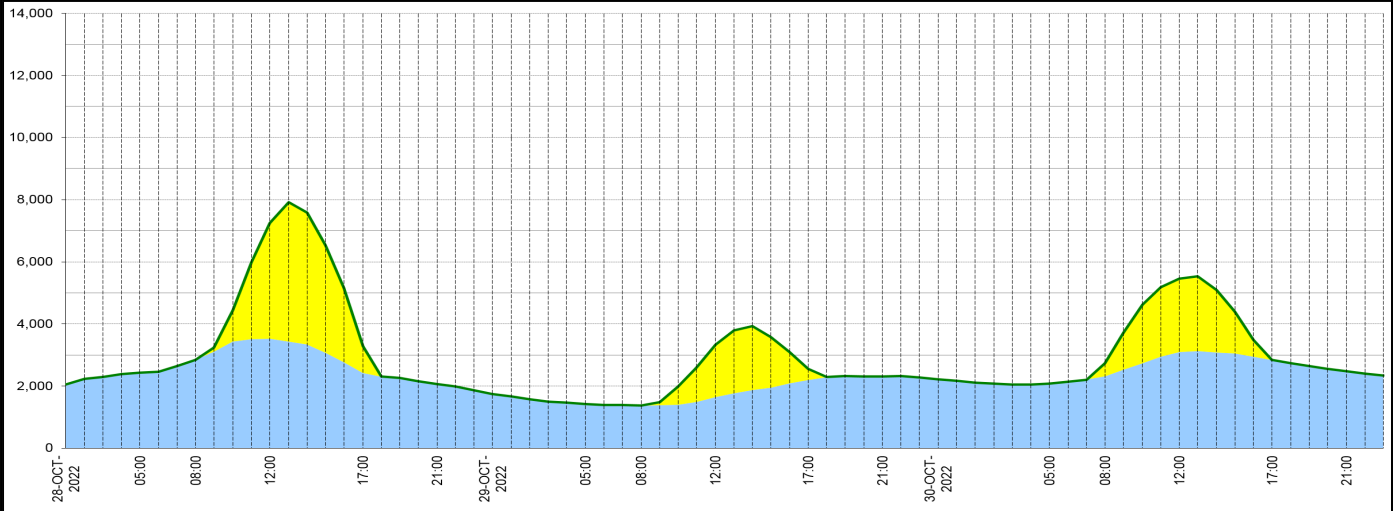
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	28-OCT-2022					29-OCT-2022					30-OCT-2022						
	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	0	3722	852	0	0	0	0	1688	359	0	0	0	422	2360	0	0
Wind (MW)	2425	2847	3528	2430	2056	1738	1426	1372	1638	2194	2309	2213	2086	2309	3093	2837	2471
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2425	2847	7250	3282	2056	1738	1426	1372	3326	2553	2309	2213	2086	2731	5453	2837	2471



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Cloud and outbreaks of rain continuing northwards, and becoming windy in the west. Turning brighter in the southeast. Very mild for all, and feeling unseasonably warm in the southeast. Tonight: Band of rain continuing north to clear Shetland by dawn. Elsewhere clear spells but rain and showers, some heavy, in the west and south. Mild everywhere. Windy in the west.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings None Flood Warnings 0 flood warnings and 0 flood alerts are currently in force for England. 0 flood warnings and 0 flood alerts are currently in force for Scotland. 0 flood warnings and 0 flood alerts are currently in force 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