

**National Electricity
Transmission System Status Report**

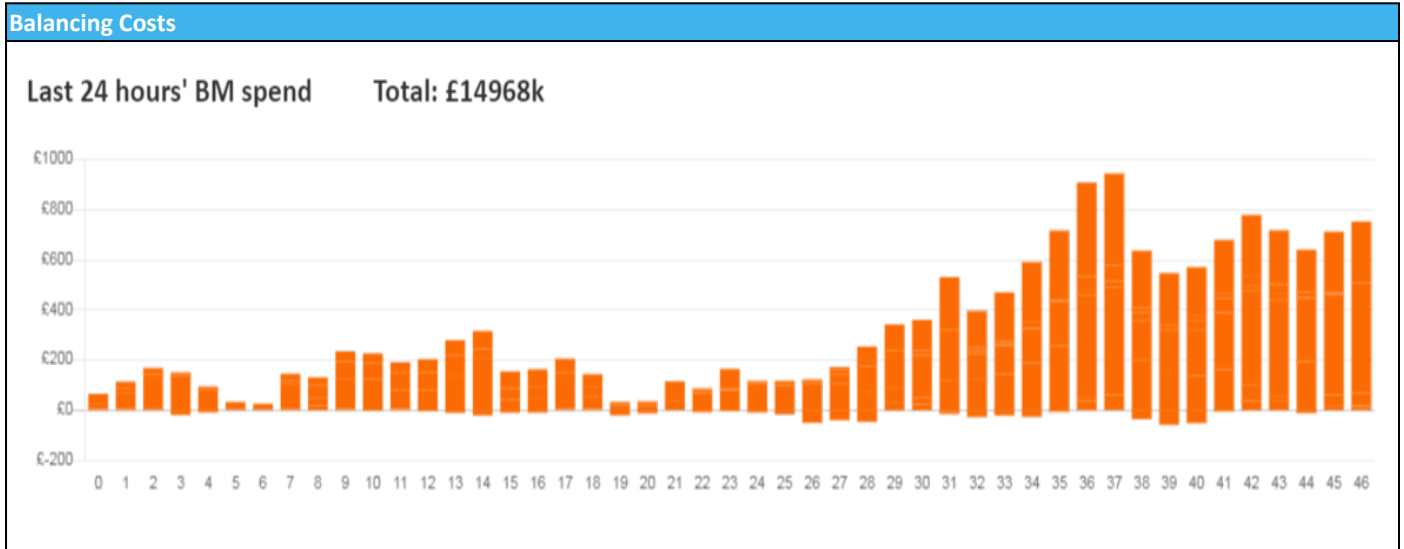


national**grid**ESO

National Electricity Transmission System Status Report
Tuesday 04 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			

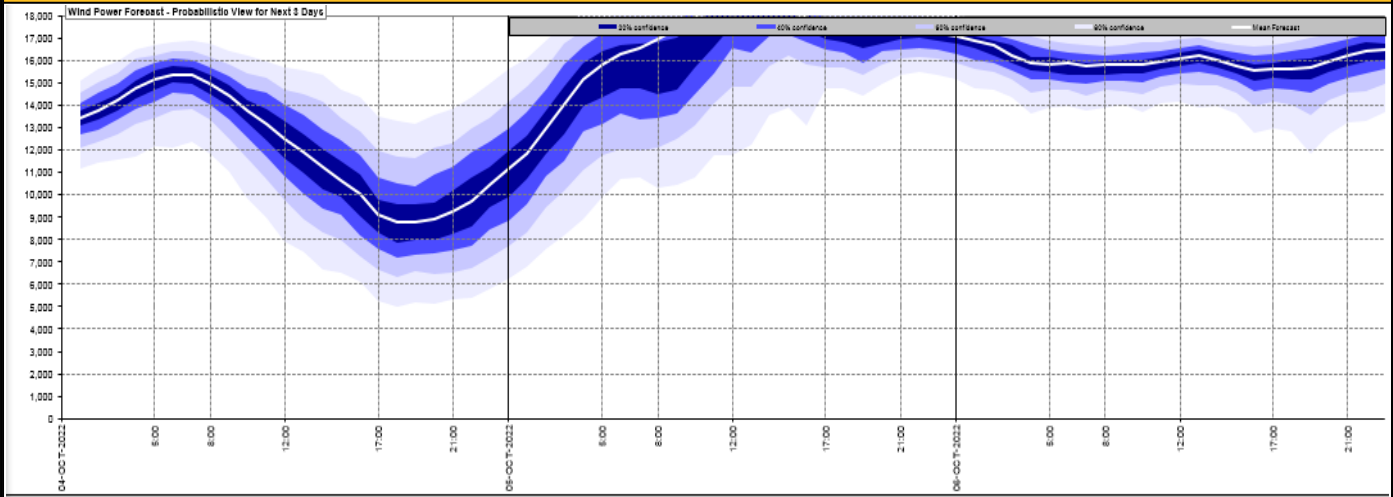
Today's Minimum De-Rated Margin	8.752 (SP 39)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1150 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£439 (SP16)
Cash Out Price (Min)	£110.25 (SP40)
Peak Demand Yesterday	36,288 MW
Minimum Demand	16,850 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)	0	0	Planned Outage 19/09/22 to 14/10/22
Northern Ireland (MOYLE)	244	250	Partially Available
Norway (NSL)	1400	1400	Fully Available

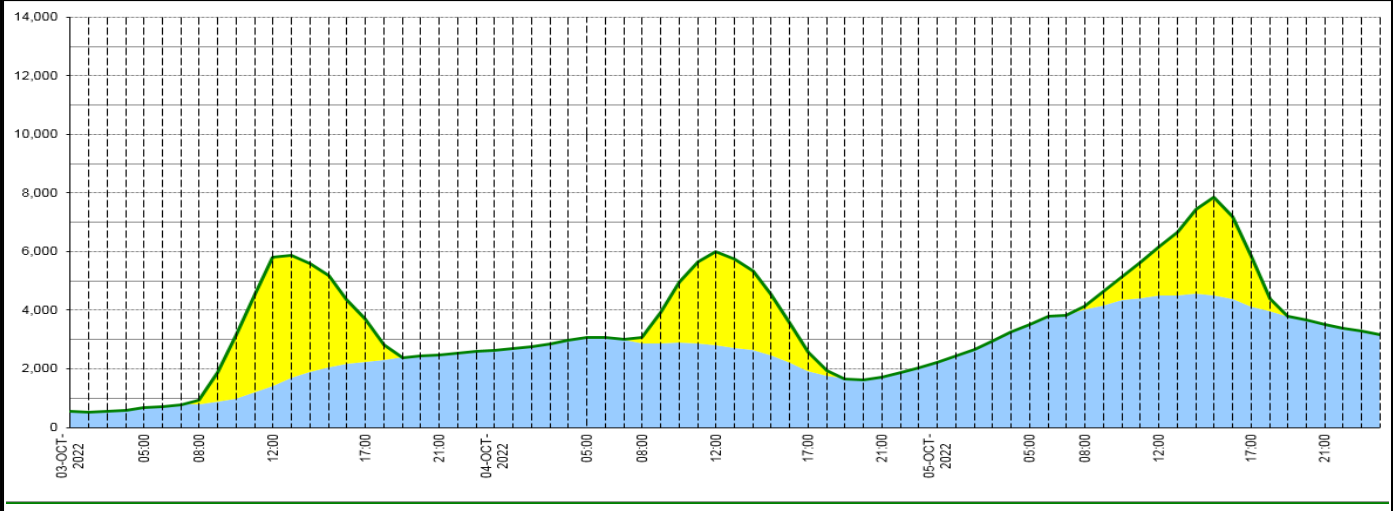
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	03-OCT-2022					04-OCT-2022					05-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	138	4381	1473	0	0	0	201	3196	651	0	0	0	116	1660	1703	0
Wind (MW)	688	789	1432	2224	2485	2640	3059	2877	2799	1916	1704	2211	3511	4036	4496	4134	3527
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	688	927	5813	3697	2485	2640	3059	3078	5995	2567	1704	2211	3511	4152	6156	5837	3527



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Cloud and rain across Wales and northern England, heavy on hills. Often cloudy further S, with some light rain in southwest at times. Some bright or sunny spells in southeast and feeling rather warm. Blustery showers in north.</p> <p>Tonight: Rain over central parts pushing northwards across much of Scotland and Northern Ireland with strong winds and coastal gales. Mild night in east and southeast.</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: Central, Tayside & Fife Highlands & Eilean Siar Strathclyde</p> <p>ACTIVE Started at: 00:00 BST on Tue 4 October Ends: 10:00 BST on Tue 4 October Heavy rain will lead to some travel disruption Tuesday morning. - Bus and train services probably affected with journey times taking longer - Spray and flooding on roads probably making journey times longer</p> <p>Yellow warning of wind Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar North East England North West England Northern Ireland Orkney & Shetland SW Scotland, Lothian Borders Strathclyde Wales Yorkshire & Humber</p>

Weather	Source	Commentary
		<p>Starts: 00:00 BST on Wed 5 October Ends: 23:59 BST on Wed 5 October</p> <p>Strong winds may lead to disruption on Wednesday</p> <ul style="list-style-type: none"> - There is a small chance of injuries and danger to life from flying debris - There is a slight chance of some damage to buildings, such as tiles blown from roofs - There is a small chance of longer journey times or cancellations as road, rail, air and ferry services are affected - There is a small chance that some roads and bridges could close - There is a slight chance that power cuts may occur, with the potential to affect other services, such as mobile phone coverage - There is a small chance that injuries and danger to life could occur from large waves and beach material being thrown onto sea fronts, coastal roads and properties <p>Flood Warnings</p> <p>No flood warnings and 1 x flood alert issued for England.</p> <p>No flood warnings and 8 flood alerts are in force for Scotland.</p> <p>No flood warnings or alerts are currently in force 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