

**National Electricity
Transmission System Status Report**

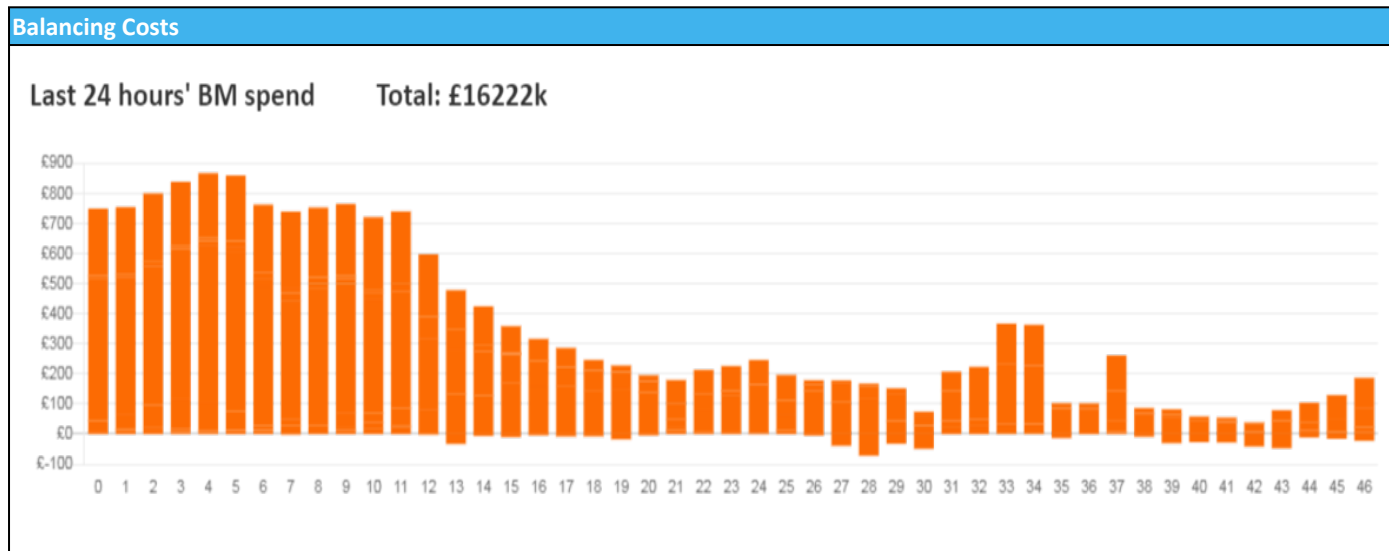


nationalgridESO

National Electricity Transmission System Status Report
Wednesday 05 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	18,739 (SP 40)	
Current BMU Largest Loss Risk	Generation	1700 MW
	Demand	1050MW



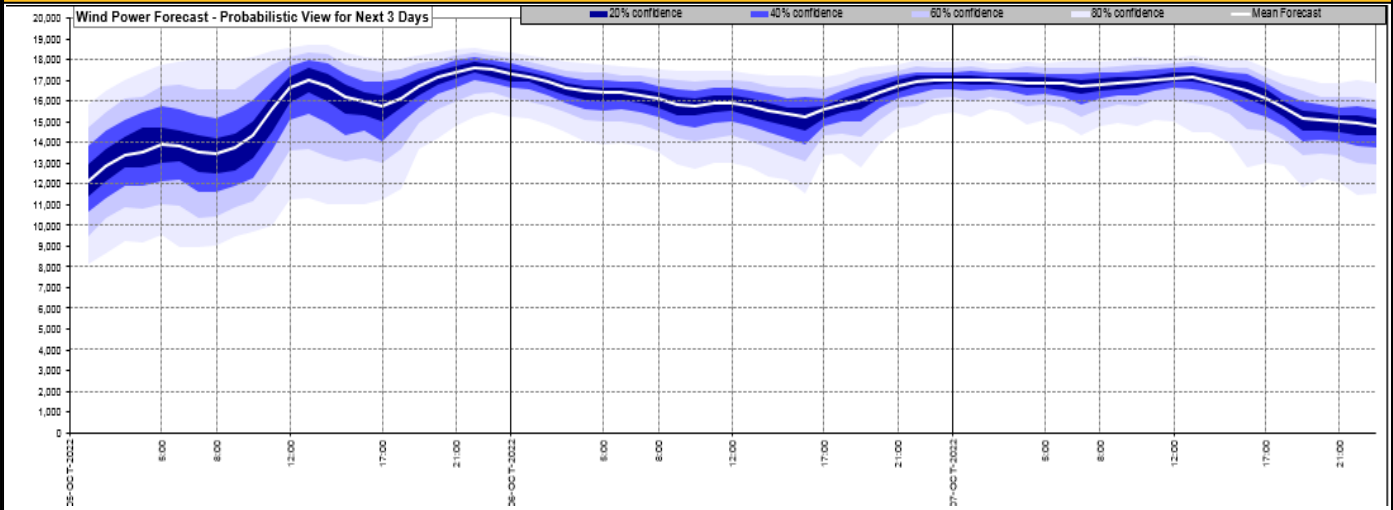
Yesterday's Market Summary

Cash Out Price (Max)	£315 (SP35&36)
Cash Out Price (Min)	£50 (SP48)
Peak Demand Yesterday	37,241 MW
Minimum Demand	15,910 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

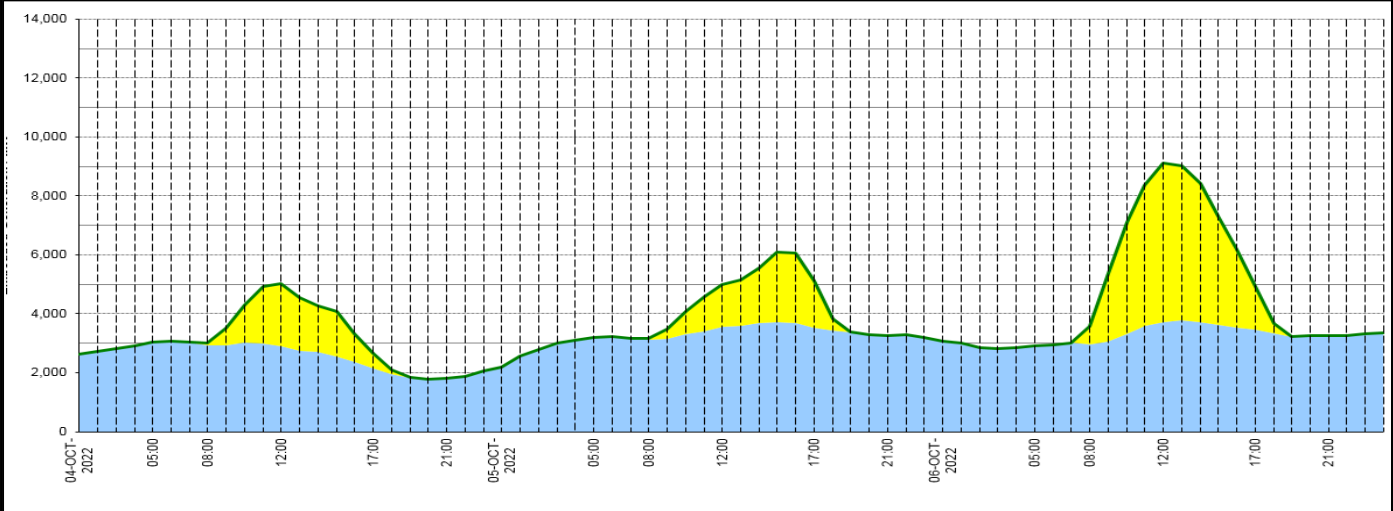
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	04-OCT-2022					05-OCT-2022					06-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	65	2126	531	0	0	0	42	1457	1580	0	0	0	628	5384	1460	0
Wind (MW)	3037	2943	2900	2133	1822	2201	3194	3126	3550	3529	3263	3076	2911	2959	3731	3453	3270
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3037	3008	5026	2664	1822	2201	3194	3168	5007	5109	3263	3076	2911	3587	9115	4913	3270



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Band of rain, occasionally heavy, clearing eastwards followed by scattered blustery showers. These locally heavy in north and west with a risk of thunder. Windy with coastal gales.</p> <p>Tonight: Bands of showers continuing for Scotland, Northern Ireland and far north of England but becoming dry elsewhere with some clear periods. Remaining windy in north. Cooler than previous nights.</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</p> <p>Yellow warning of rain Areas affected: SW Scotland, Lothian Borders Strathclyde Started at: 21:00 BST on Tue 4 October Ends: 09:00 BST on Wed 5 October Heavy rain may cause flooding and travel disruption in a few places. - 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: North East England North West England SW Scotland, Lothian Borders Wales Yorkshire & Humber</p>

Weather	Source	Commentary
		<p>Started at: 00:00 BST on Wed 5 October Ends: 11:00 BST on Wed 5 October</p> <p>A small chance of disruption from strong winds 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>1 flood warning and 3 flood alerts issued for England.</p> <p>1 flood warning and 4 flood alerts issued for Scotland.</p> <p>No flood warnings 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