

National Electricity Transmission System Status Report

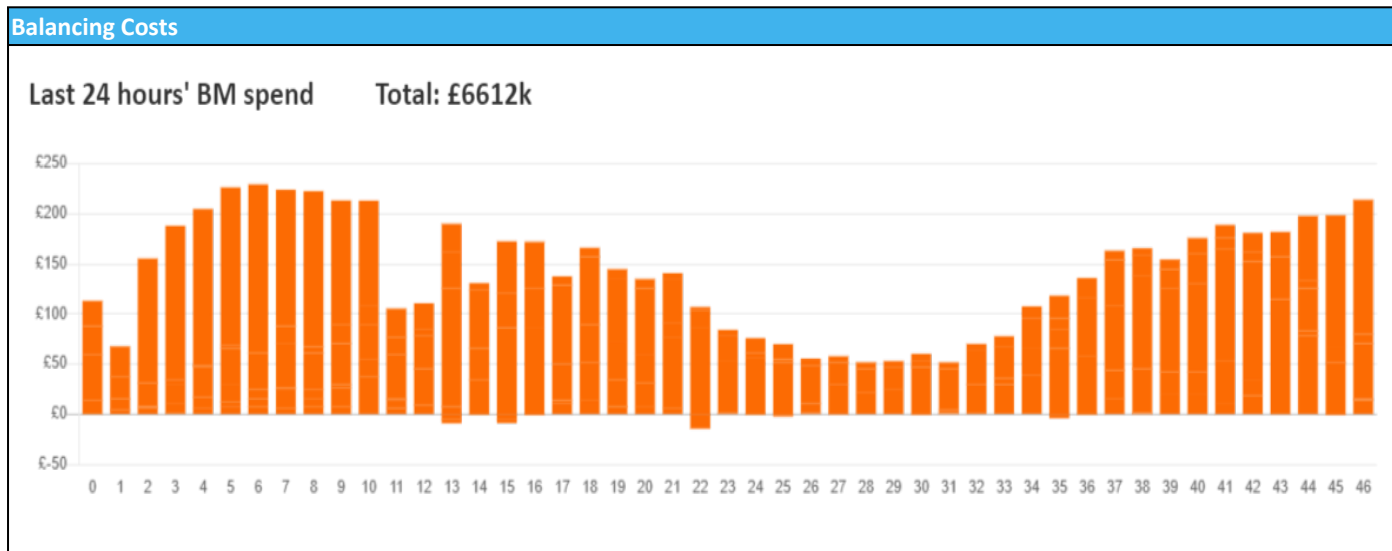


nationalgridESO

National Electricity Transmission System Status Report
Friday 03 November 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	14,569 (SP 47)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	1060 MW



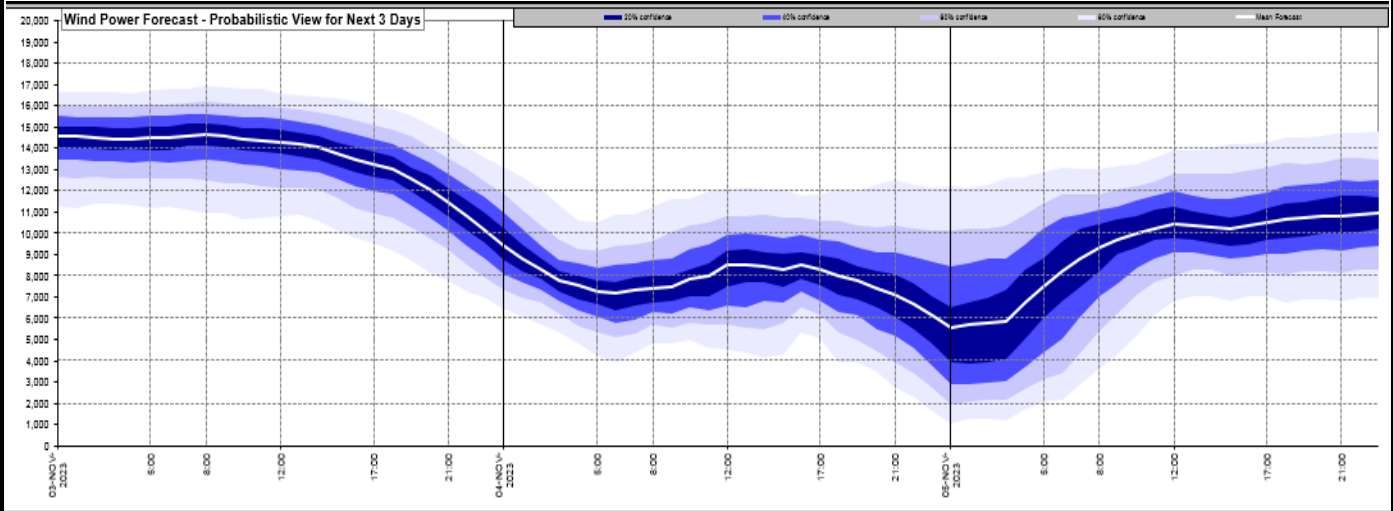
Yesterday's Market Summary

Cash Out Price (Max)	£160 (SP 15,17)
Cash Out Price (Min)	£-50(SP 7)
Peak Demand Yesterday	38,582 MW
Minimum Demand	19,800 MW

Interconnector Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1500	1500	Partially available
Belgium (Nemo)	1000	1025	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1000	1000	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1424	1424	Fully Available from 14:00 hours
France (IFA2)	1014	1014	Fully Available
Viking Link	0	0	Not yet commissioned

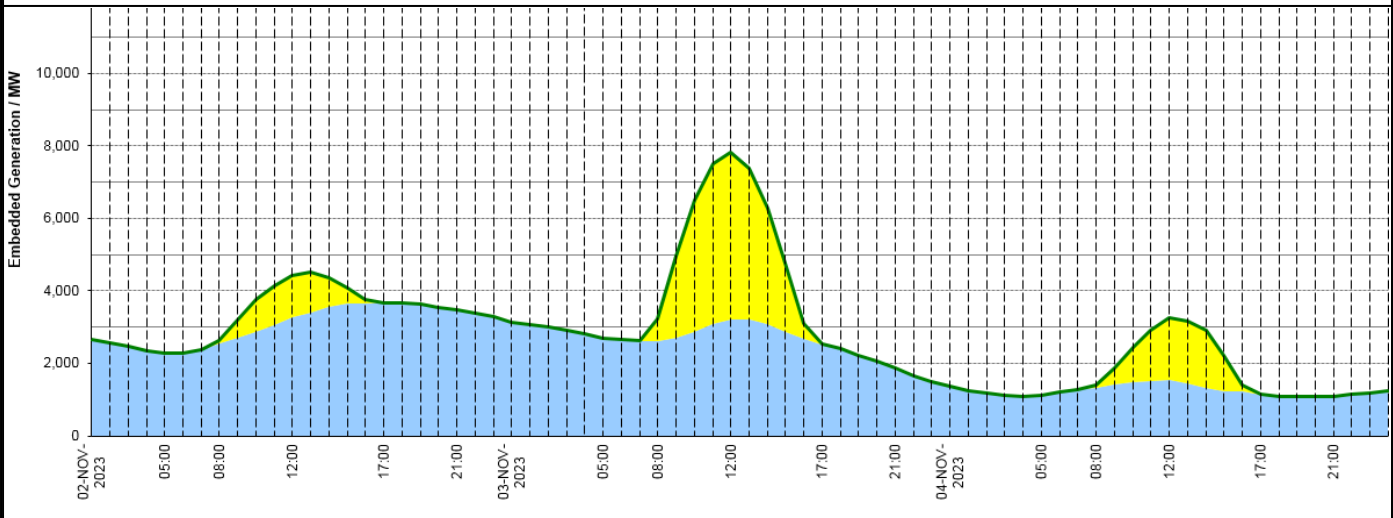
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	02-NOV-2023					03-NOV-2023					04-NOV-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	84	1161	0	0	0	0	639	4614	0	0	0	0	71	1725	0	0
Wind (MW)	2274	2548	3267	3672	3486	3146	2702	3206	2521	1862	1360	1360	1117	1326	1530	1144	1097
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2274	2632	4428	3672	3486	3146	2702	3241	7820	2521	1862	1360	1117	1397	3255	1144	1097



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Strong winds will gradually ease through today. Areas of rain will slowly become less persistent across northern and northeastern areas. Elsewhere there will be some sunshine and a scattering of showers, heavy at times</p> <p>Tonight: Patchy rain continuing in the far northeast with some showers in the west. Clear spells developing in places ahead of a band of rain spreading northeastwards from the southwest.</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: London & South East England</p> <p>Starts: 15:00 GMT on Sat 4 November Ends: 23:59 GMT on Sat 4 November</p> <p>Frequent heavy showers, along with gusty winds, are likely to cause travel disruption and flooding of a few places.</p> <ul style="list-style-type: none"> - Flooding of a few homes and businesses is possible - Bus and train services probably affected with journey times taking longer - Spray and flooding on roads probably making journey times longer - Dangerous conditions at the coast with large waves on exposed shorelines

Weather	Source	Commentary
		<p>Yellow warning of rain Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar SW Scotland, Lothian Borders</p> <p>ACTIVEStarted at: 06:00 GMT on Thu 2 NovemberEnds: 18:00 GMT on Fri 3 November Heavy rain associated with Storm Ciarán could bring some disruption to eastern Scotland.</p> <ul style="list-style-type: none"> - 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 homes and businesses could be flooded, causing damage to some buildings - There is a small chance of fast flowing or deep floodwater
		<p>Flood Warnings 88 flood warnings and 235 flood alerts issued for England.</p> <p>0 flood warnings and 6 flood alerts issued for Scotland.</p> <p>1 flood warnings and 7 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/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