

National Electricity Transmission System Status Report

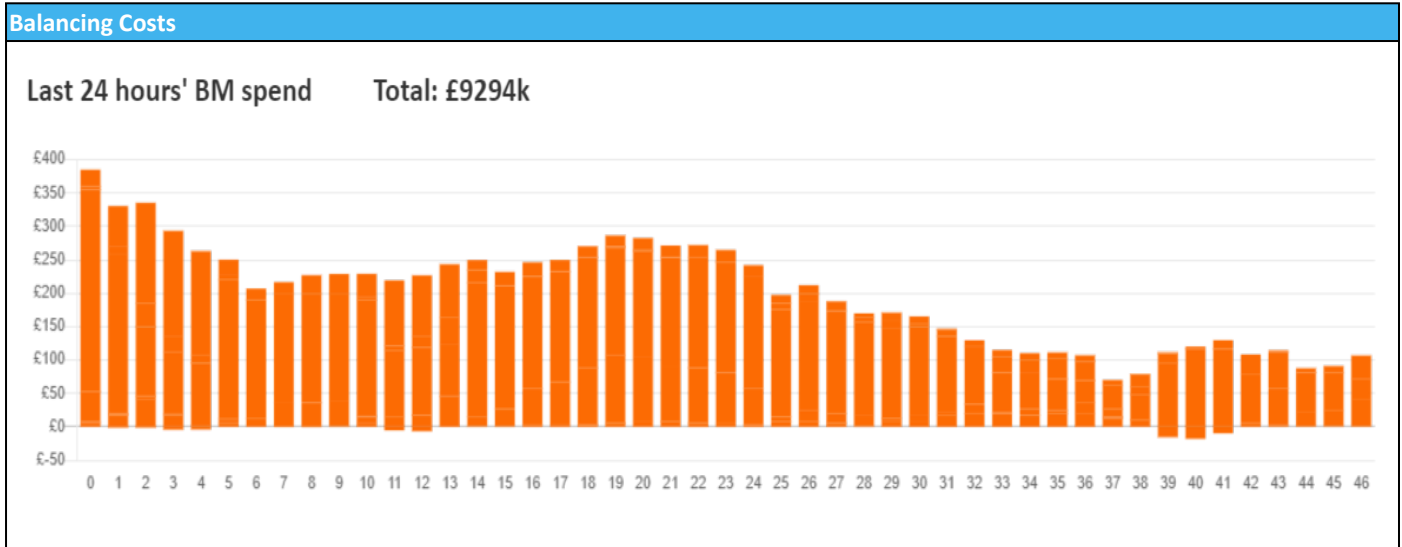


nationalgridESO

National Electricity Transmission System Status Report
Sunday 22 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			

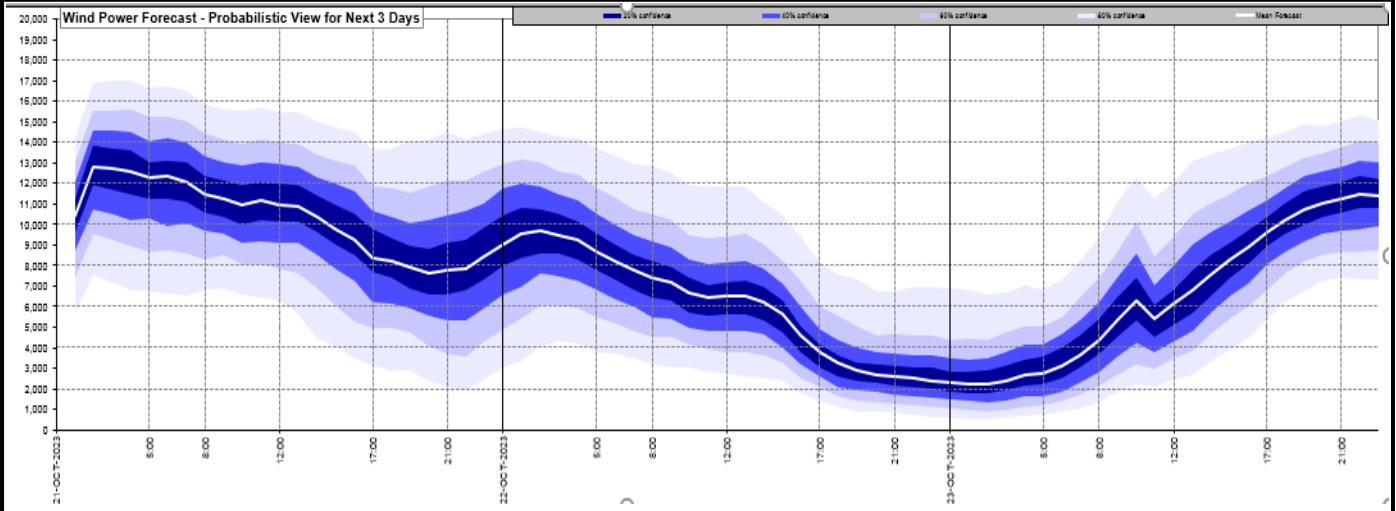
Today's Minimum De-Rated Margin	5,755 (SP 39)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£175 (SP 42)
Cash Out Price (Min)	£10 (SP 15)
Peak Demand Yesterday	33,150 MW
Minimum Demand	18,240 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1000	1000	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)	0	0	Not Available
France (IFA2)	1014	1014	Fully Available
Viking Link	0	0	Not yet commissioned

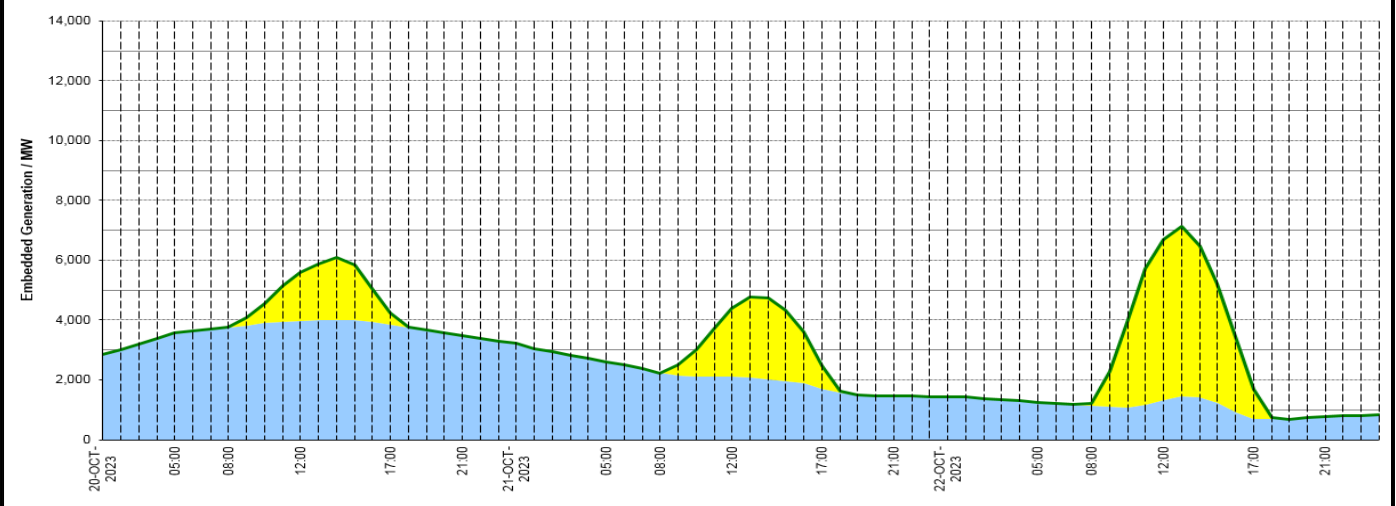
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	20-OCT-2023					21-OCT-2023					22-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	0	1603	377	0	0	0	0	2299	763	0	0	0	81	5371	973	0
Wind (MW)	3578	3752	3973	3844	3477	3226	2586	2235	2108	1710	1469	1446	1254	1135	1336	703	767
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3578	3752	5576	4221	3477	3226	2586	2235	4407	2473	1469	1446	1254	1216	6707	1676	767



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Rather cloudy with rain affecting Shetland. Scattered showers across the south and west of England, parts of Wales and the north and west of Scotland, locally heavy. Elsewhere mostly dry with some sunshine. Mostly light winds, with near average temperatures.</p> <p>Tonight: Mostly dry with clear periods. Patches of fog, especially England and Wales, and some frost with icy patches in the north. A few showers in the far north and west.</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 No weather warnings are in force for the UK</p> <p>Flood Warnings 3 severe flood warnings, 182 flood warnings and 230 flood alerts issued for England.</p> <p>0 severe flood warnings, 14 flood warnings and 7 flood alerts issued for Scotland.</p> <p>1 severe flood warnings, 6 flood warnings and 9 flood alert 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