

National Electricity Transmission System Status Report

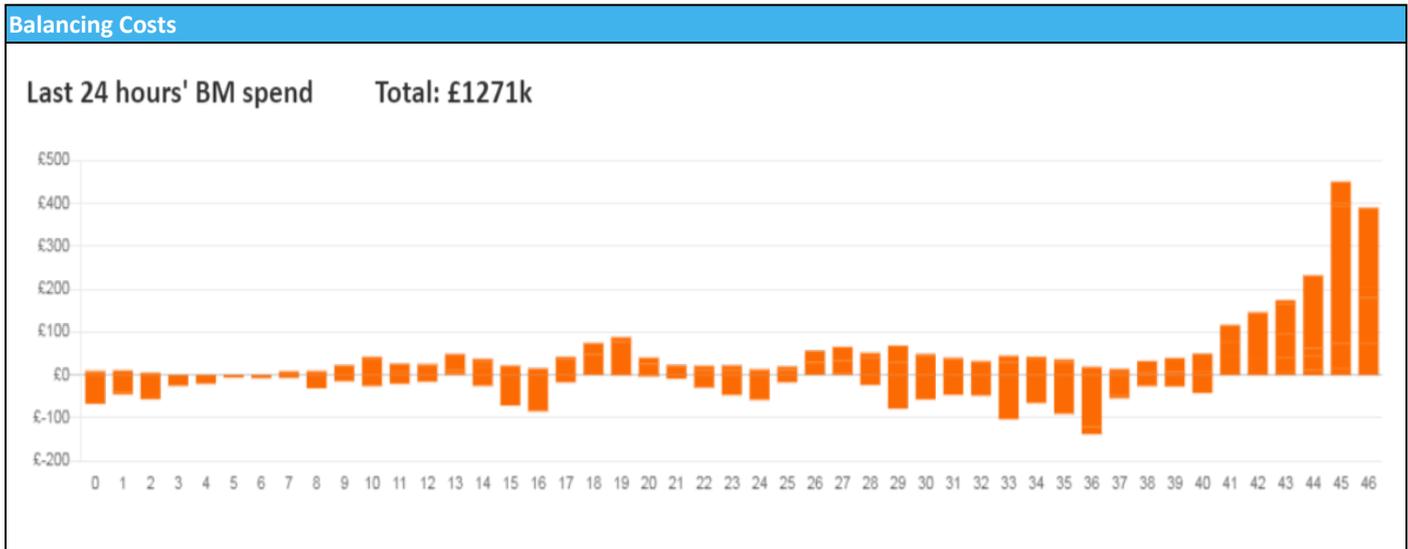


nationalgridESO

National Electricity Transmission System Status Report
Friday 17 February 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	10837.115 (SP 39)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW



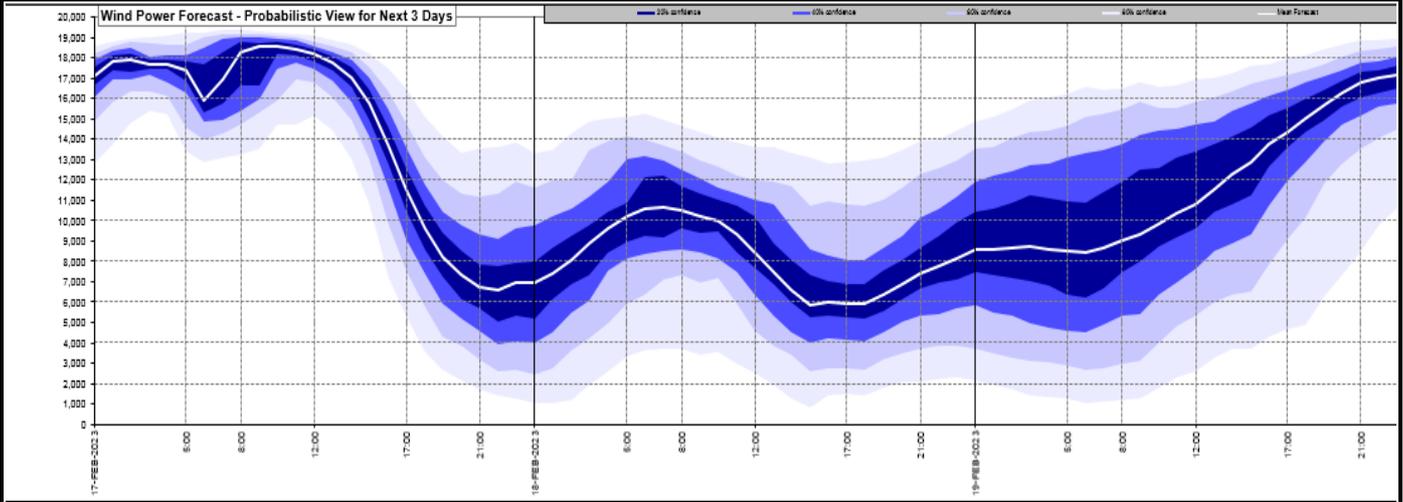
Yesterday's Market Summary

Cash Out Price (Max)	£220 (SP 20)
Cash Out Price (Min)	£1 (SP 46,48)
Peak Demand Yesterday	38546 MW
Minimum Demand	21611 MW

Interconnector
Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available
France (IFA2)	1014	1014	Fully Available

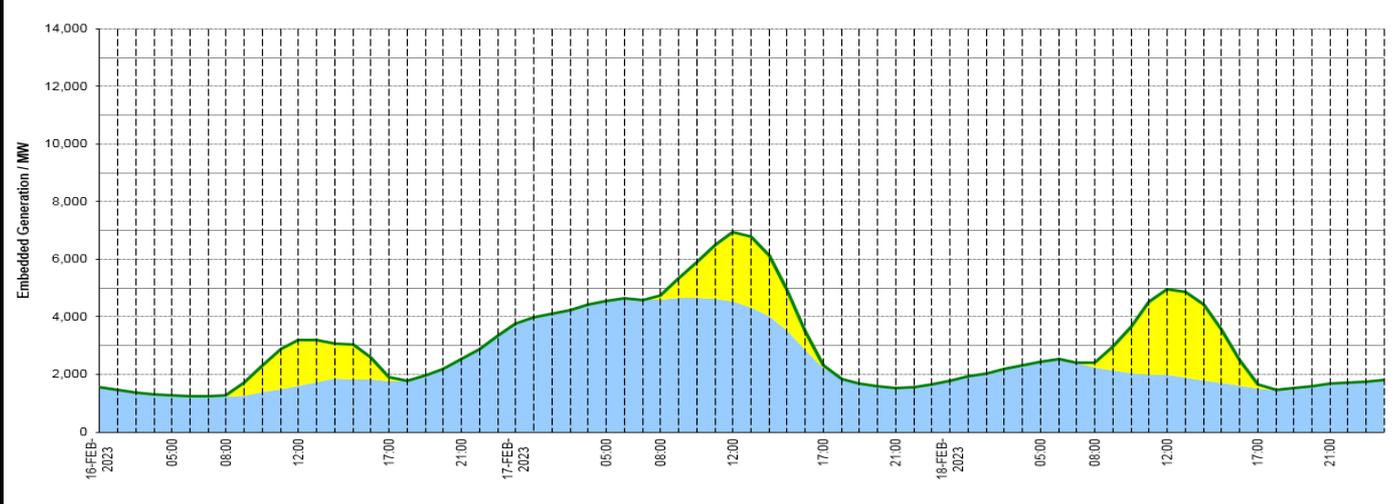
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	16-FEB-2023					17-FEB-2023					18-FEB-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	38	1603	151	0	0	0	136	2408	68	0	0	0	157	2999	111	0
Wind (MW)	1267	1238	1599	1750	2527	3777	4555	4608	4525	2250	1515	1787	2456	2249	1973	1528	1682
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1267	1276	3202	1901	2527	3777	4555	4744	6933	2318	1515	1787	2456	2406	4972	1639	1682



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Severe gales affecting parts of Scotland, with some very strong gusts over and east of the Pennines; winds easing by afternoon, with sunny intervals and scattered showers. Further south, very mild, occasionally brighter ahead of a weakening rain band. Tonight: Southern and central areas, mild and cloudy with patchy drizzle, especially for western hills. Scotland sees heavier rain spreading northeast, with snow on hills to north of the central belt.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings A spell of very strong winds across Scotland associated with Storm Otto may bring some disruption during Friday. Flood Warnings 0 flood warnings and 5 flood alerts issued for England. 0 flood warnings and 0 flood alerts issued for Scotland. 0 flood warnings and 0 flood alerts issued 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