

National Electricity Transmission System Status Report

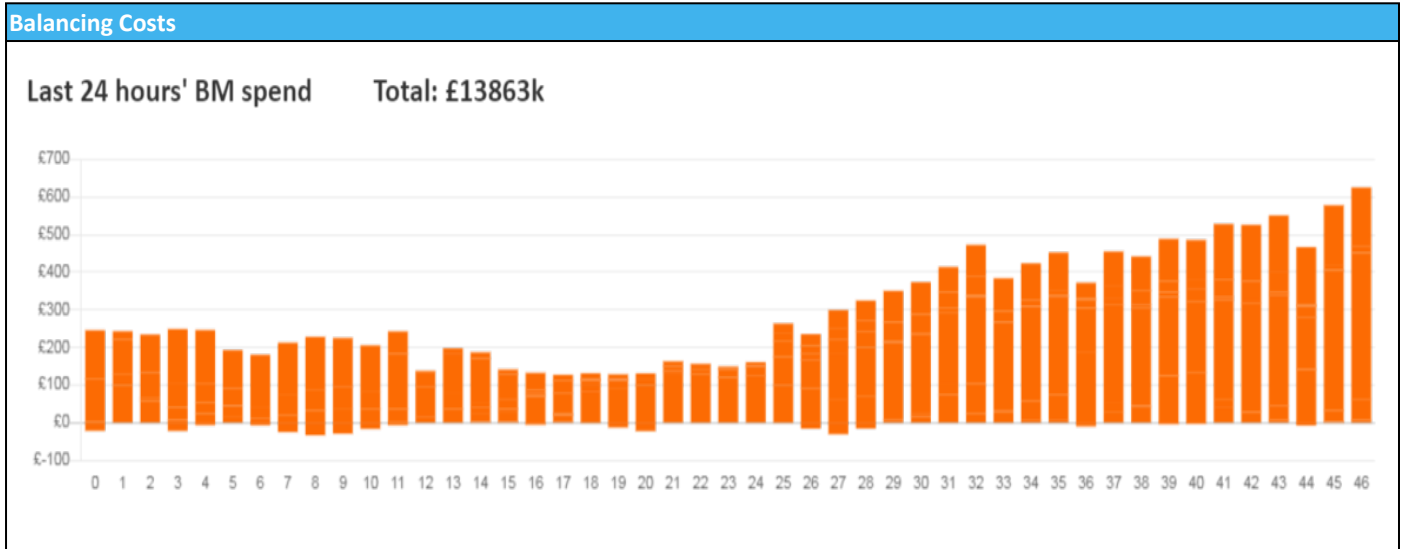


nationalgridESO

National Electricity Transmission System Status Report
Monday 20 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			

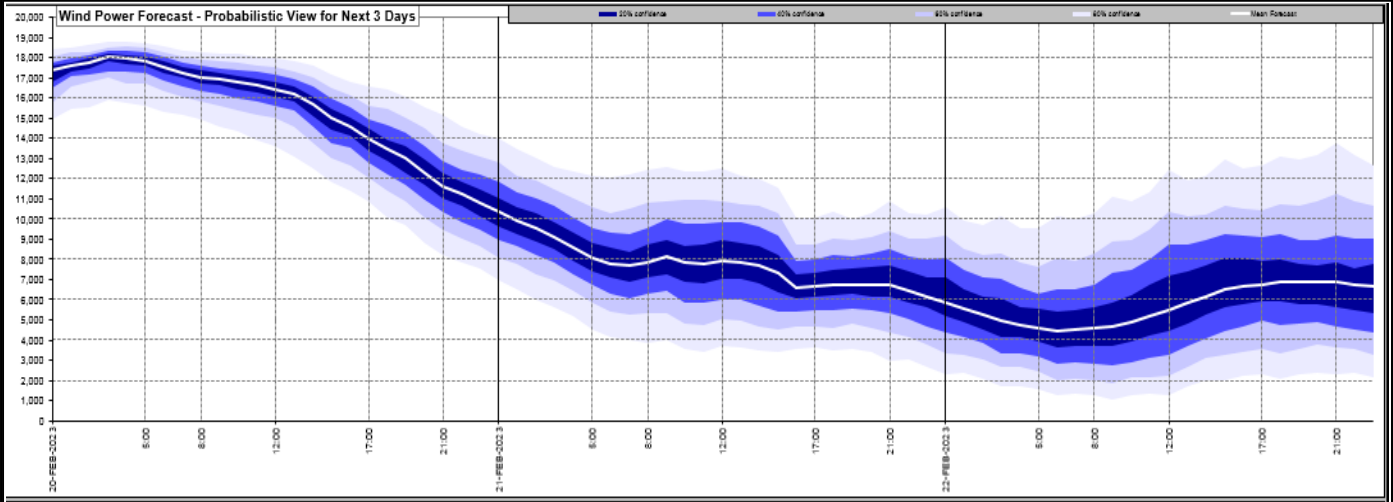
Today's Minimum De-Rated Margin	10,230 (SP 39)	
Current BMU Largest Loss Risk	Generation	1300 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£180.00 (SP13 & SP37)
Cash Out Price (Min)	£0.00 (SP23 - SP26)
Peak Demand Yesterday	33,956 MW
Minimum Demand	17,910 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

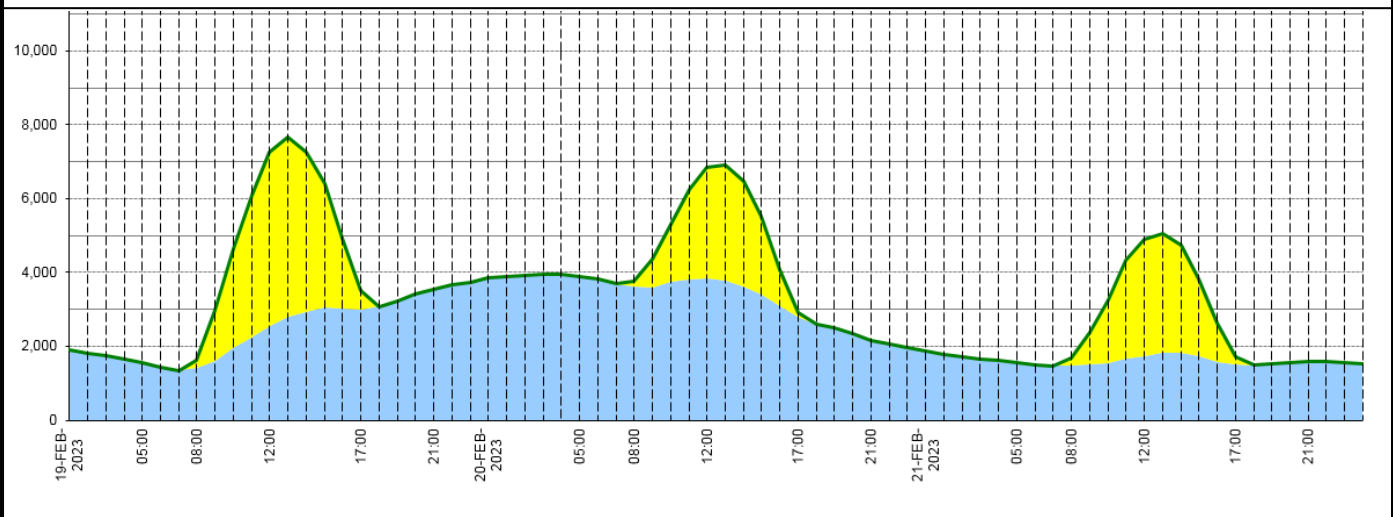
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	19-FEB-2023					20-FEB-2023					21-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	186	4713	493	0	0	0	137	3002	133	0	0	0	195	3154	189	0
Wind (MW)	1561	1428	2560	3005	3531	3855	3892	3615	3832	2788	2169	1862	1553	1485	1744	1528	1594
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1561	1614	7273	3498	3531	3855	3892	3752	6834	2921	2169	1862	1553	1680	4898	1717	1594



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Occasional rain across central Scotland, sunny spells and a few showers in far north with severe gales. Elsewhere, rather cloudy, bright at times in east, but drizzle on western hills. Very mild for many but cooler across the far north.</p> <p>Tonight: Mainly cloudy with some patchy rain or drizzle, mostly in the west. Rain becoming heavier across the far north and northwest by morning. Mild or very mild.</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 0 flood warnings and 6 flood alerts issued for England.</p>

Weather	Source	Commentary
		<p>3 flood warnings and 2 flood alerts issued for Scotland.</p> <p>No flood warnings 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