

National Electricity Transmission System Status Report



national**grid**ESO

National Electricity Transmission System Status Report
Sunday 29 January 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	32072(SP 10)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW

Balancing Costs

Last 24 hours' BM spend Total: £542k



Yesterday's Market Summary

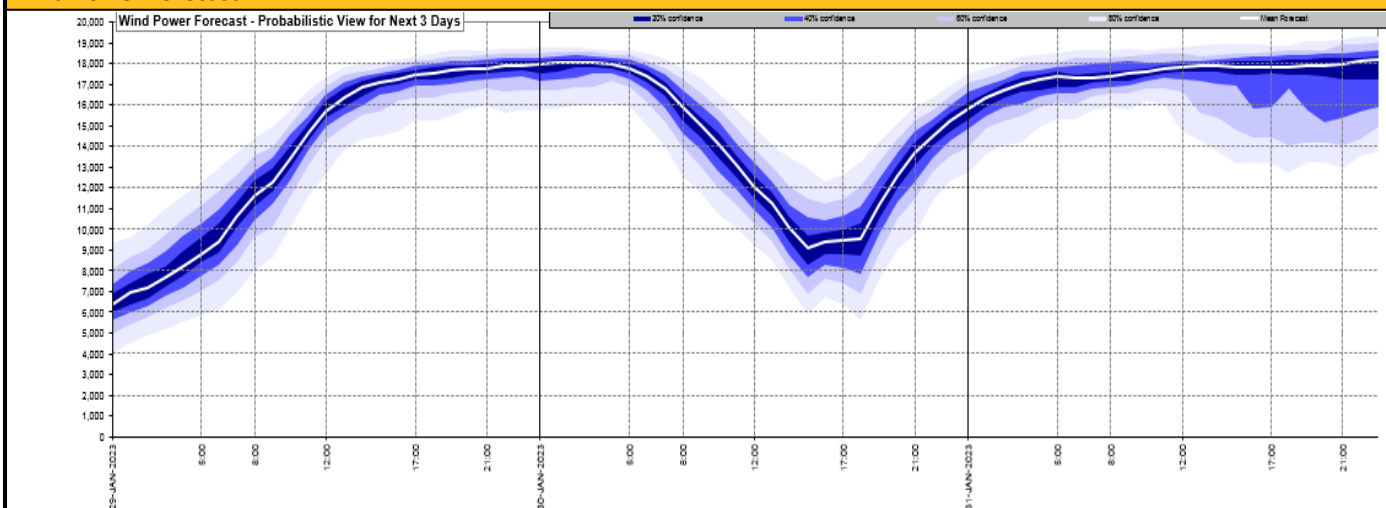
Cash Out Price (Max)	£235.00 (SP 32 / 33 / 35 / 37)
Cash Out Price (Min)	£50.00 (SP 10)
Peak Demand Yesterday	41.543 MW
Minimum Demand	21,2600 MW

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)	2000	2000	Fully available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available

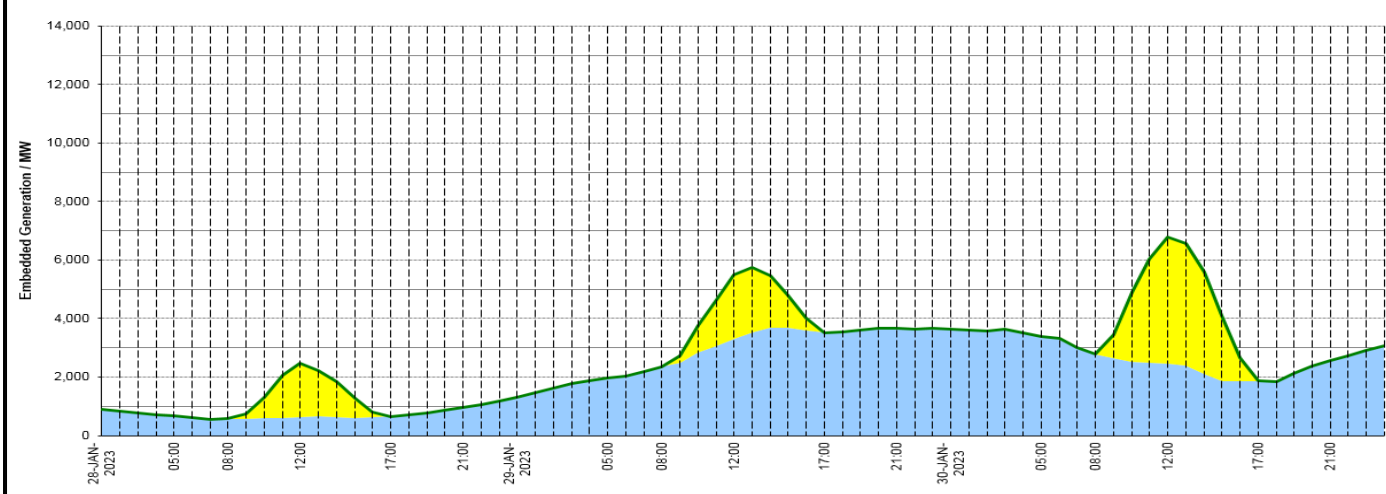
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	28-JAN-2023					29-JAN-2023					30-JAN-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
Solar (MW)	0	0	1846	0	0	0	0	0	2170	0	0	0	0	24	4309
Wind (MW)	673	576	617	650	947	1322	1960	2353	3317	3522	3657	3625	3396	2763	2463
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	673	576	2463	650	947	1322	1960	2353	5487	3522	3657	3625	3396	2787	6772



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Cloudy with a little rain in west. Perhaps some brightness in east. Band of rain coming south across Scotland, heavy for a time in the north but then easing. Blustery showers to follow for northern Scotland. Windy in the north. Tonight: Cloudy in south with some light rain at times, mainly for western parts. Windy in the north, particularly northern Scotland where gales and locally severe gales likely with blustery showers.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings No weather warnings are in force for the UK Flood Warnings 9 flood warnings and 25 flood alerts issued for England. 0 flood warnings and 0 flood alerts issued for Scotland. 0 flood warning 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