

National Electricity Transmission System Status Report



nationalgridESO

National Electricity Transmission System Status Report
Wednesday 01 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	14,049 (SP 37)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW

Balancing Costs

Last 24 hours' BM spend Total: £14742k



Yesterday's Market Summary

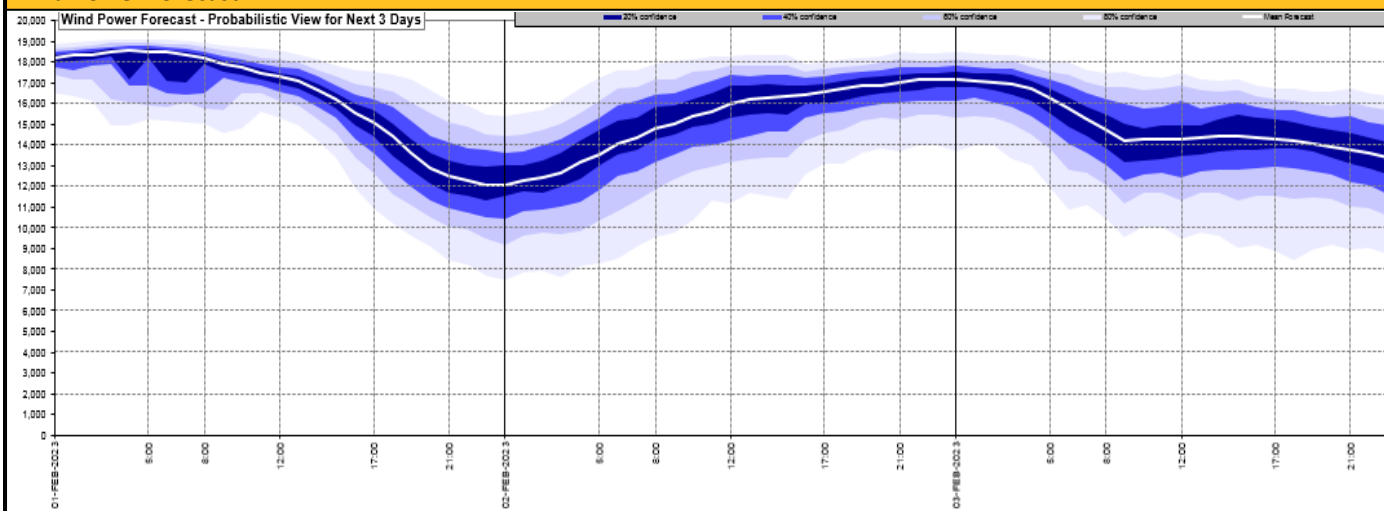
Cash Out Price (Max)	£205.00 (SP 34, 35, 36 & 39)
Cash Out Price (Min)	£0.00 (SP 4)
Peak Demand Yesterday	42,360 MW
Minimum Demand	20,687 MW

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

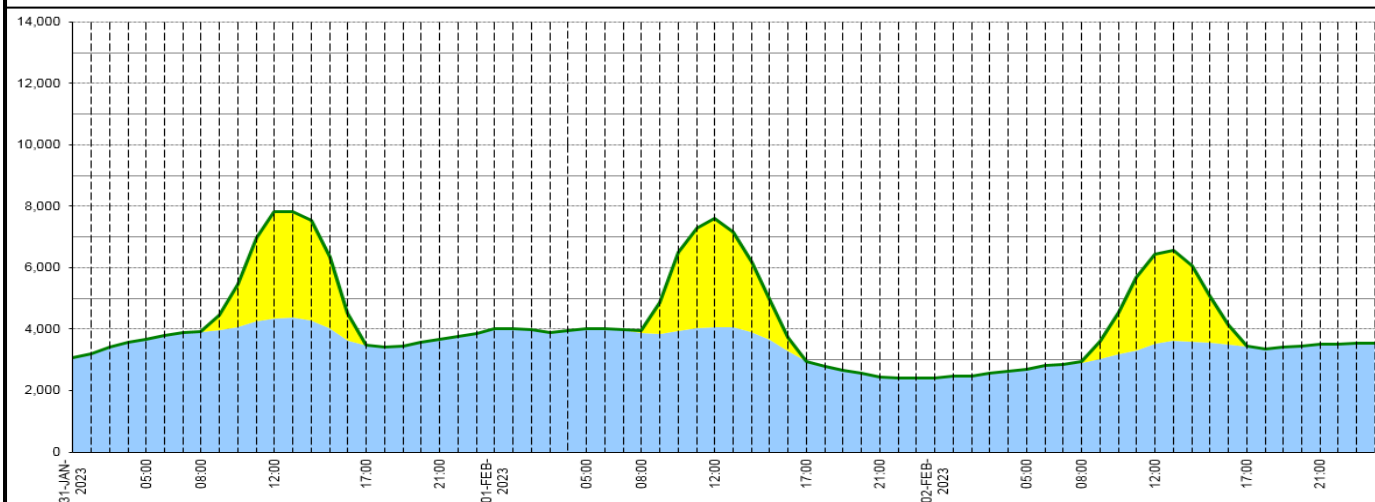
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	31-JAN-2023					01-FEB-2023					02-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
Solar (MW)	0	0	3473	15	0	0	0	56	3528	0	0	0	0	26	2895
Wind (MW)	3672	3910	4351	3465	3657	4002	4013	3885	4075	2960	2456	2409	2684	2911	3535
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3672	3910	7824	3480	3657	4002	4013	3941	7603	2960	2456	2409	2684	2937	6430



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Very strong winds across the northeast easing this morning, whilst scattered heavy showers and sunny spells affect the north of Scotland. Cloudier across Northern Ireland, southern Scotland and northern England with showers then rain. Dry and bright in the south. Tonight: Frost in parts of Northern Scotland, then cloud and rain moving east across northern areas. Variable cloud and clear intervals further south with some rain for western hills.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings Yellow warning of wind Areas affected: Grampian Highlands & Eilean Siar Orkney & Shetland ACTIVE Started at: 20:00 GMT on Tue 31 January Ends: 10:00 GMT on Wed 1 February Strong winds expected to bring some disruption to parts of Scotland. - Some delays to road, rail, air and ferry transport are likely - Probably some bus and train services affected, with some journeys taking longer - Delays for high-sided vehicles on exposed routes and bridges likely - Some short term loss of power and other services is possible - It's likely that some coastal routes, sea fronts and coastal communities will be affected by spray and/or large waves

Weather	Source	Commentary
		Flood Warnings 0 flood warnings and 22 flood alerts issued for England. 1 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