

**National Electricity
Transmission System Status Report**

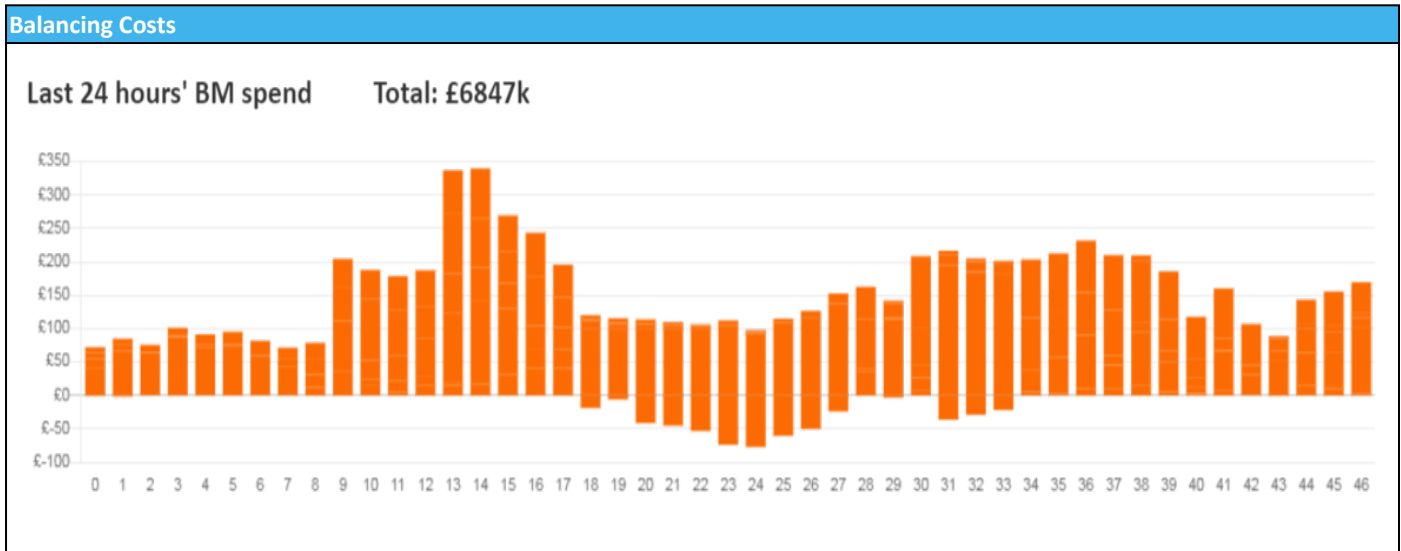


national**grid**ESO

National Electricity Transmission System Status Report
Tuesday 07 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			

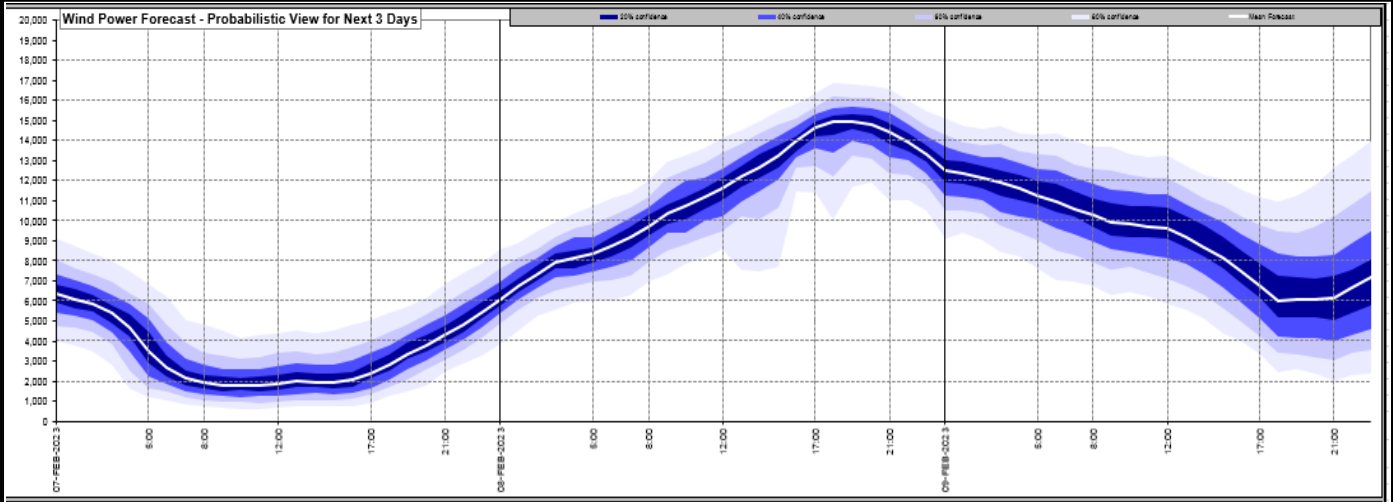
Today's Minimum De-Rated Margin	116 (SP 36)	
Current BMU Largest Loss Risk	Generation	1600 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash Out Price (Max)	£289.00 (SP 36)
Cash Out Price (Min)	£61.60 (SP 1)
Peak Demand Yesterday	41,174 MW
Minimum Demand	24,290 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

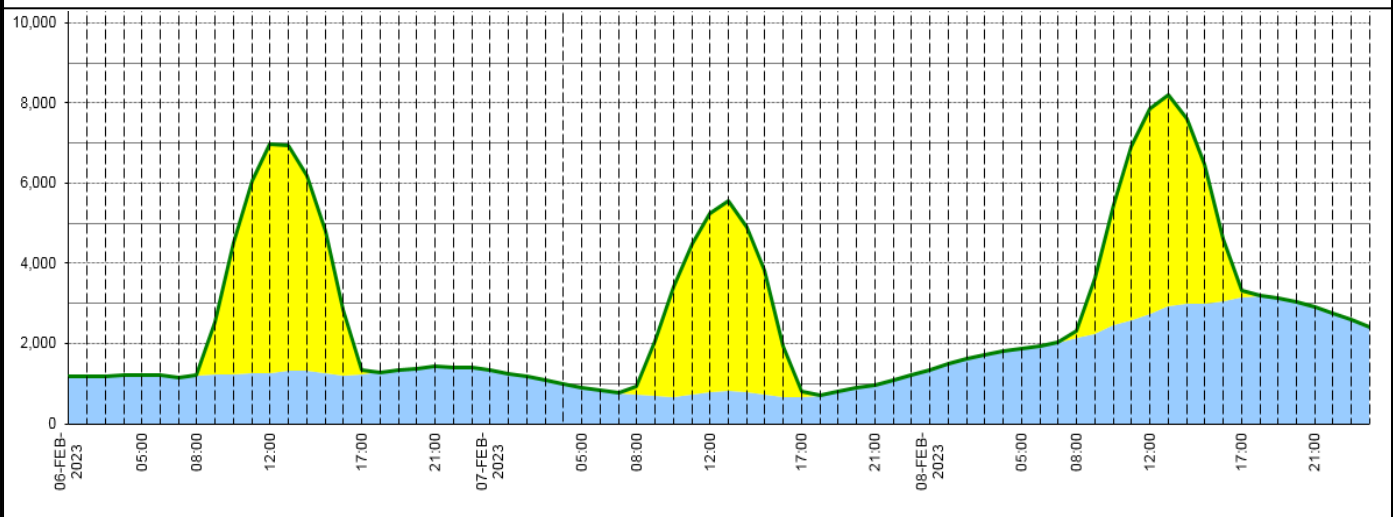
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	06-FEB-2023					07-FEB-2023					08-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	11	5699	96	0	0	0	211	4471	125	0	0	0	191	5120	185	0
Wind (MW)	1198	1190	1274	1240	1421	1334	911	722	778	664	951	1341	1862	2131	2739	3151	2899
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1198	1201	6973	1336	1421	1334	911	933	5249	789	951	1341	1862	2322	7859	3336	2899



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Cloud and outbreaks of rain and drizzle will continue to move southeast across Scotland and Northern Ireland with some brighter spells in the far north later. Elsewhere, patches of freezing fog slowly clearing to sunny spells and light winds.</p> <p>Tonight: Cloud and patchy drizzle across Northern Ireland and southern Scotland. Becoming windy with cloud increasing in the far north. Elsewhere, a widespread frost with patchy freezing fog developing.</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 Yellow warning of wind: Areas affected: Highlands & Eilean Siar Starts: 12:00 GMT on Wed 8 February Ends: 18:00 GMT on Wed 8 February Strong south to southwesterly winds bringing some travel disruption and dangerous coastal conditions.</p> <p>Flood Warnings 0 flood warnings and 12 flood alerts issued for England.</p>

Weather	Source	Commentary
		<p>0 flood warnings and 0 flood alerts issued for Scotland.</p> <p>0 flood warning and 0 flood alerts issued 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