

**National Electricity
Transmission System Status Report**

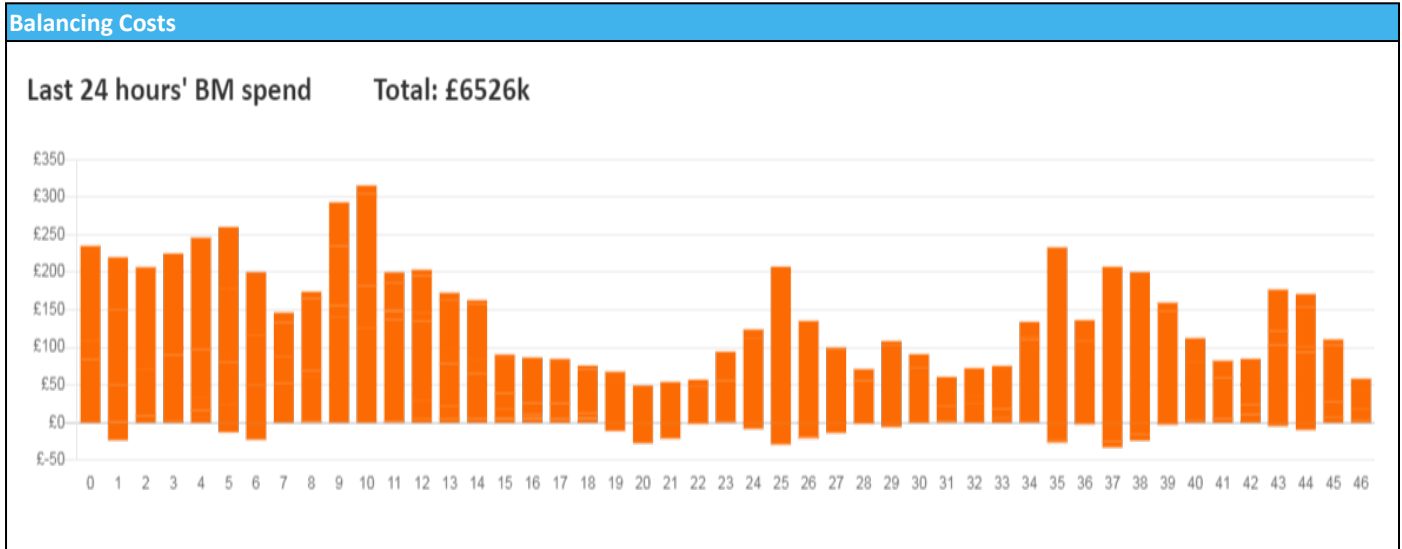


national**grid**ESO

National Electricity Transmission System Status Report
Thursday 17 February 2022

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	9297 (SP 37)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW



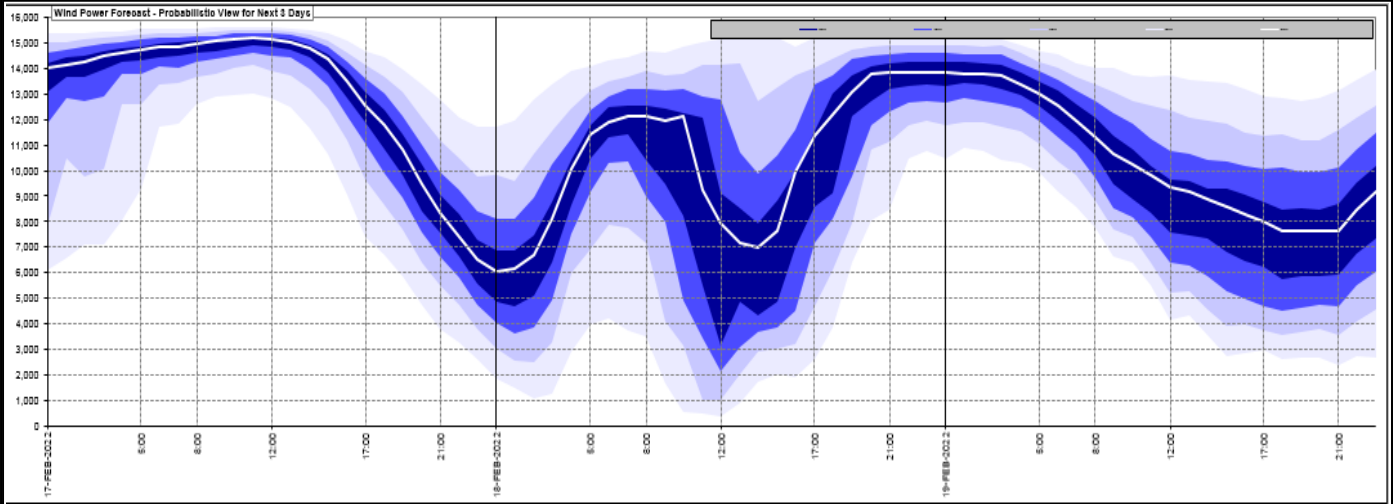
Yesterday's Market Summary

Cash Out Price (Max)	£251.00 (SP 39)
Cash Out Price (Min)	£-20.00 (SP 6)
Peak Demand Yesterday	39,110 MW
Minimum Demand	20574MW

Interconnector Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1020	1020	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
NSL	1064	1064	Partially Available
ElecLink	0	0	Not yet commissioned
France IFA	1000	1000	Partially Available

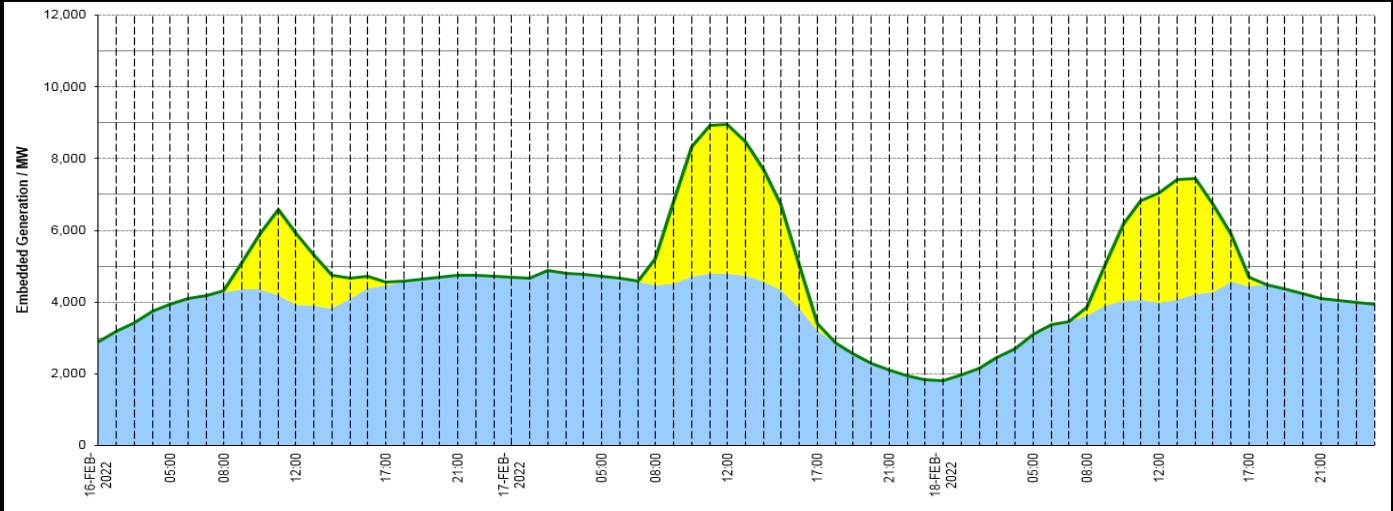
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	16-FEB-2022					17-FEB-2022					18-FEB-2022						
	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	43	2000	88	0	0	0	751	4179	186	0	0	0	222	3073	271	0
Wind (MW)	3924	4270	3933	4472	4755	4697	4729	4460	4785	3217	2106	1805	3108	3638	3977	4425	4092
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	3924	4313	5933	4560	4755	4697	4729	5211	8964	3403	2106	1805	3108	3860	7050	4696	4092



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Sunny spells and showers, these mainly in the north and west with some snow on hills. Strong and gusty winds gradually easing during the day. Rain reaching the far southwest towards evening.</p> <p>Tonight: Wintry showers becoming confined to northern Scotland. Cloud and rain in the southwest moving quickly northwards, turning to snow in the north. Storm force winds developing in the southwest later.</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 Weather Warnings in force for wind and ice in the North of UK</p>
		<p>Flood Warnings 2 Flood warning and 42 Flood Alerts issued for England 5 Flood Warning and 1 Flood Alerts issued for Scotland. 0 Flood Warning and 14 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