

**National Electricity
Transmission System Status Report**

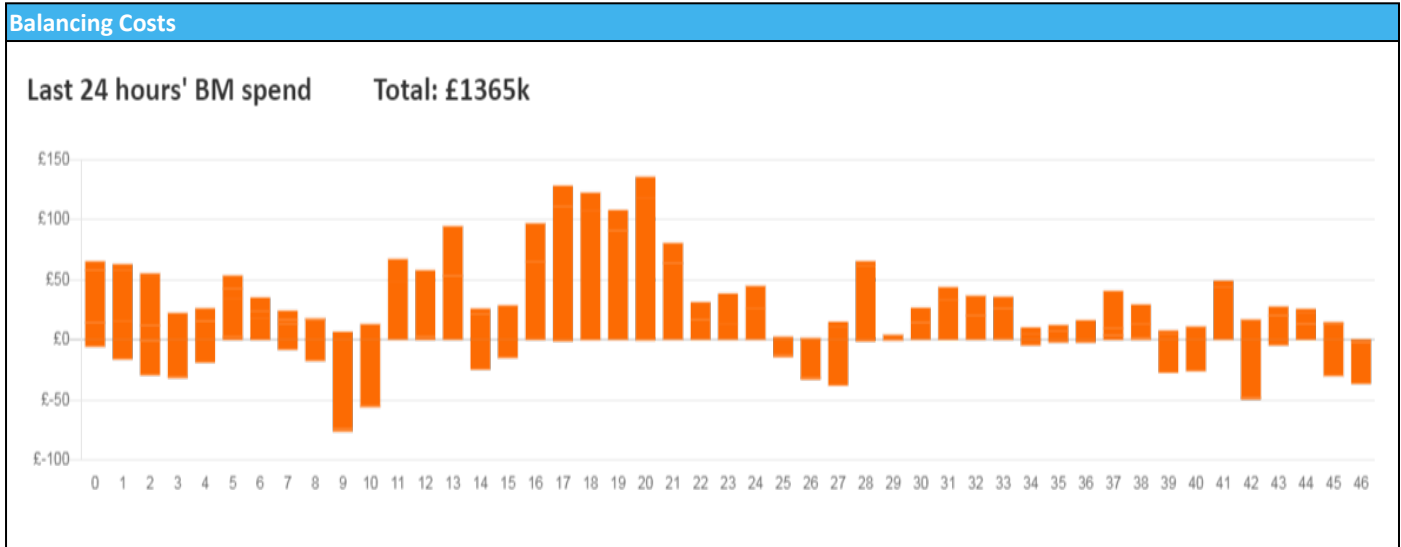


national**grid**ESO

National Electricity Transmission System Status Report
Friday 21 January 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	7,834 (SP 37)	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



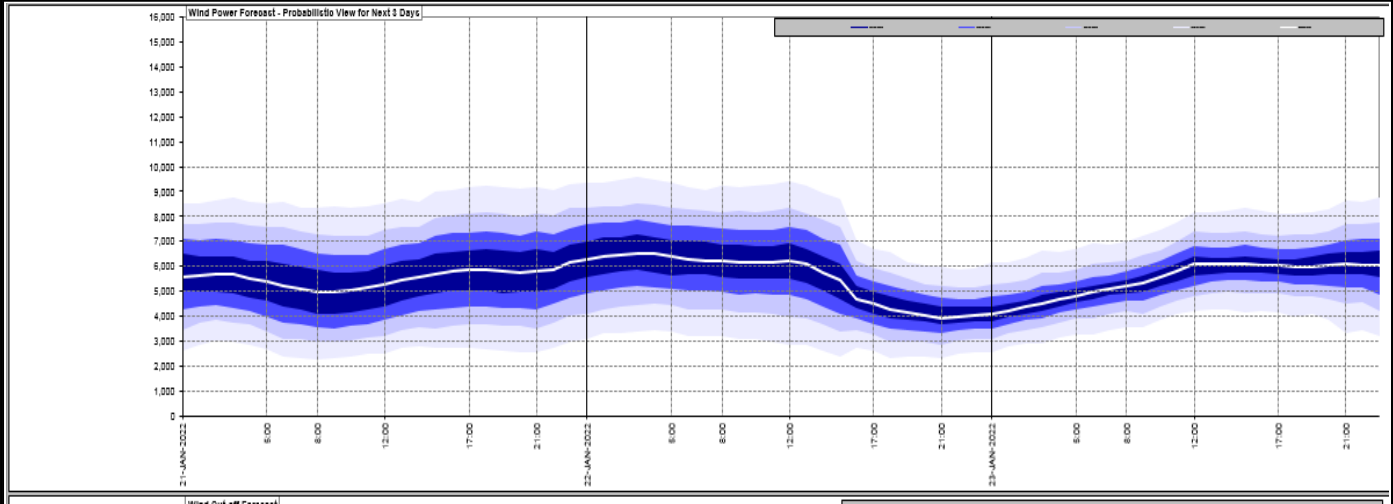
Yesterday's Market Summary

Cash Out Price (Max)	£279.00 (SP 30)
Cash Out Price (Min)	£1.00 (SP 48)
Peak Demand Yesterday	45,875 MW
Minimum Demand	26,380 MW

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	703	703	Partially Available
ElecLink	0	0	Not yet commissioned
France IFA	1000	1000	Partially Available

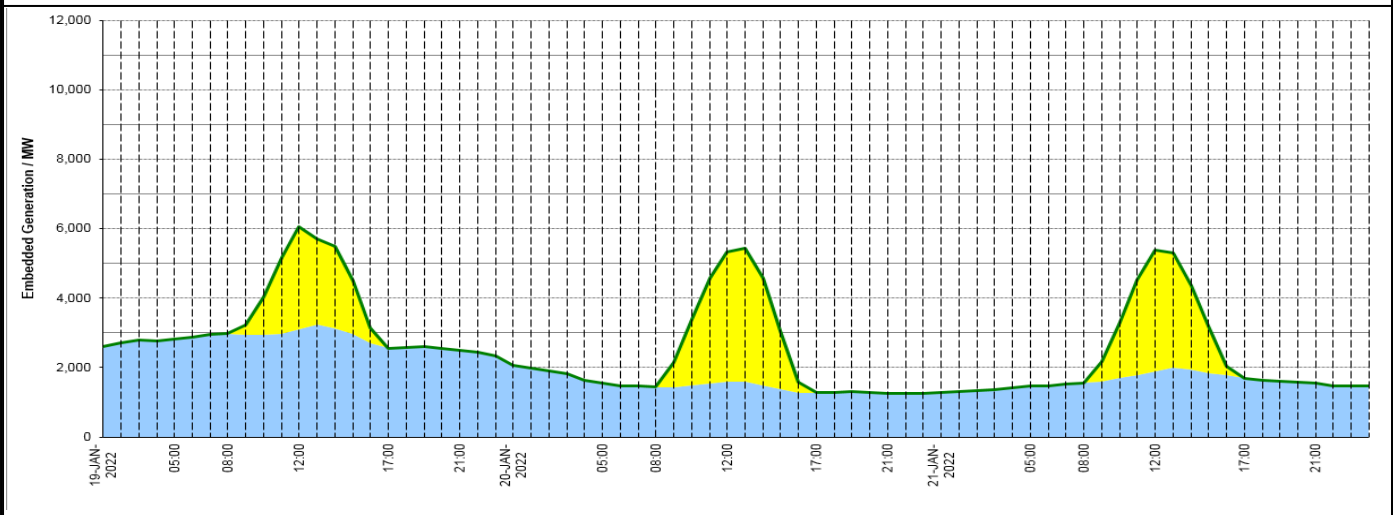
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	19-JAN-2022					20-JAN-2022					21-JAN-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	0	2950	0	0	0	0	1	3731	0	0	0	0	0	3502	0	0
Wind (MW)	2814	2977	3102	2558	2499	2061	1556	1443	1601	1282	1266	1276	1459	1565	1879	1696	1541
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2814	2977	6052	2558	2499	2061	1556	1444	5332	1282	1266	1276	1459	1565	5381	1696	1541



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Cloud in the northwest spreading slowly southeastwards through the day, though remaining mostly sunny in southern and eastern England. Some patchy rain and drizzle affecting the far northwest.</p> <p>Tonight: Generally dry and settled for many, although largely cloudy. Patchy rain at times, mainly hills in the far northwest. A risk of patchy frost and fog overnight where skies clear.</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 1 x Flood Alerts issued in England.</p>

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