

**National Electricity
Transmission System Status Report**

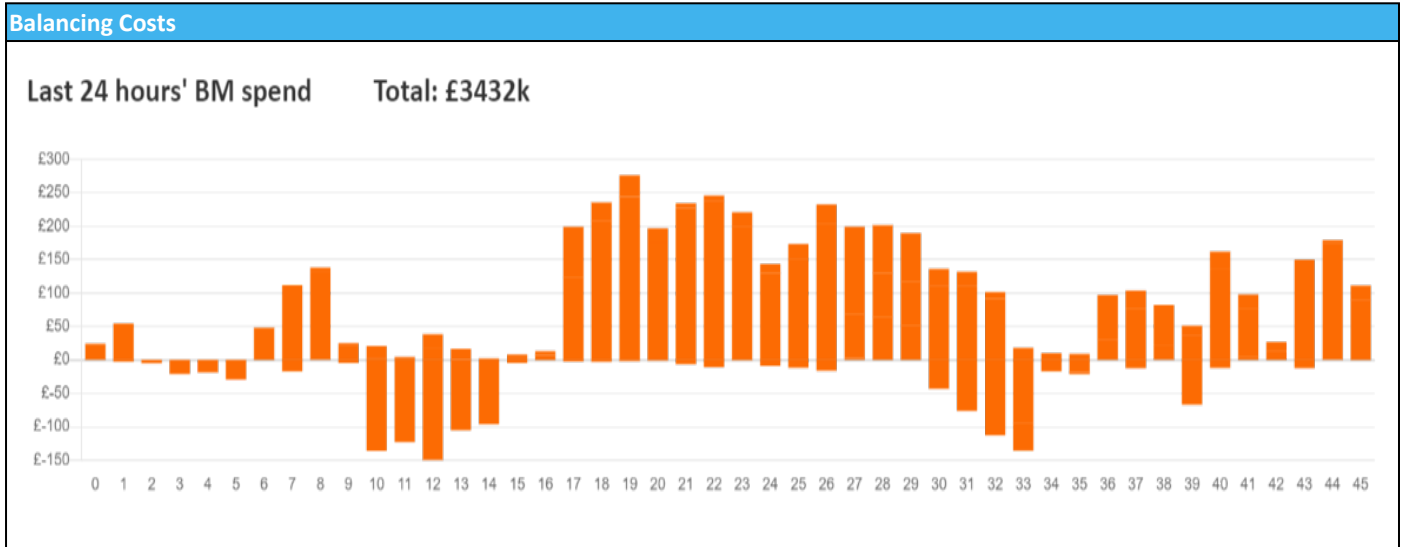


national**grid**ESO

National Electricity Transmission System Status Report
Wednesday 22 December 2021

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	4893 (SP 34)	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



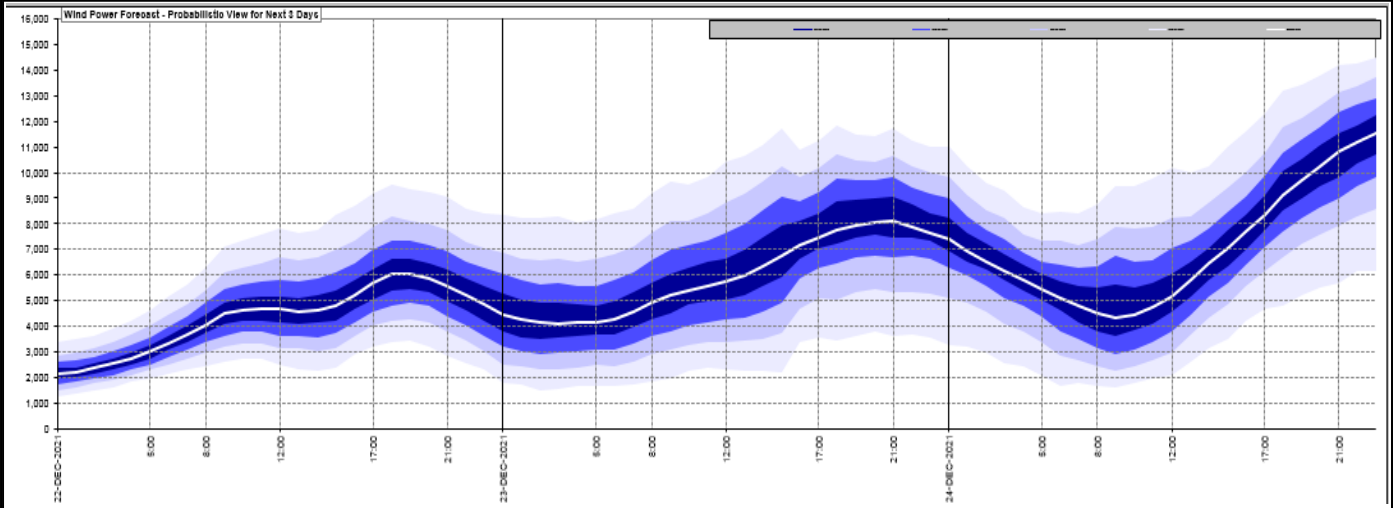
Yesterday's Market Summary

Cash Out Price (Max)	£549.85 (SP 32)
Cash Out Price (Min)	£180.00 (SP 36-38)
Peak Demand Yesterday	43,769 MW
Minimum Demand	24,904 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	698	793	Partially Available
ElecLink	0	0	Not yet commissioned
France IFA	500	500	Bipole 2 - 1 Pole only returning to 1000MW @ 1800

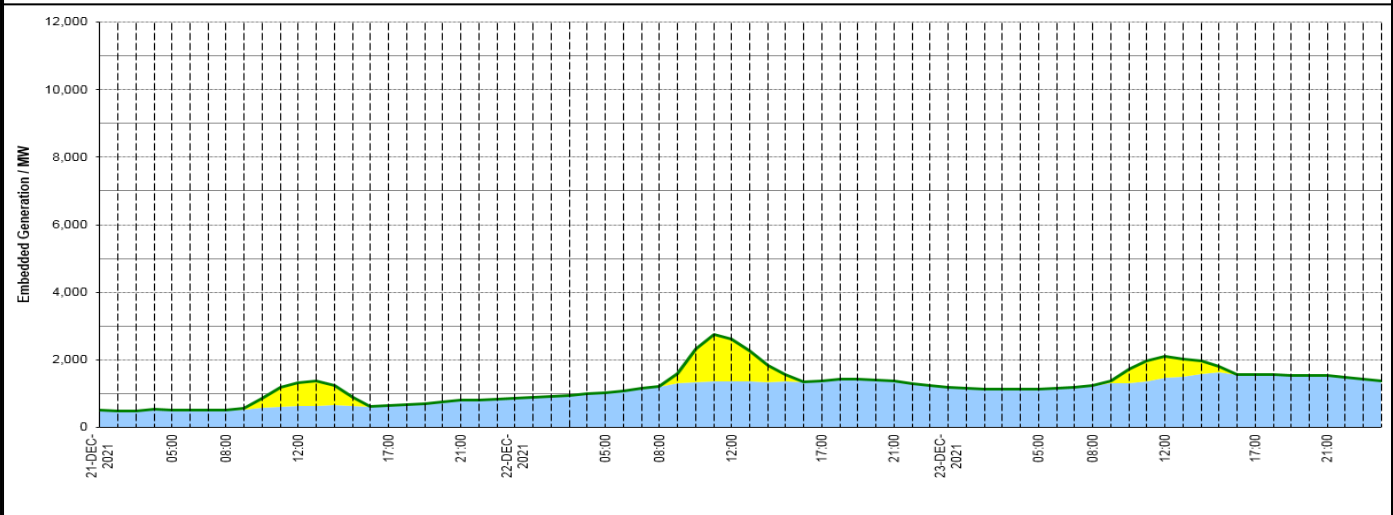
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	21-DEC-2021					22-DEC-2021					23-DEC-2021						
	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	1	693	2	0	0	0	0	1245	0	0	0	0	0	634	0	0
Wind (MW)	515	504	623	643	808	866	1026	1200	1371	1381	1362	1190	1117	1227	1475	1554	1522
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	515	505	1316	645	808	866	1026	1200	2616	1381	1362	1190	1117	1227	2109	1554	1522



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Bright start for south and east areas but clouding over from the west - mostly dry here. Rain soon arriving into Northern Ireland and pushing east or north east. Freezing rain and snow possible for parts of Scotland later. Cold.</p> <p>Tonight: Rain at times for many places. This most persistent over northern Scotland with some snow over high ground and risk of freezing rain at first. Temperatures mostly rising overnight.</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 0 Flood Warning and 0 flood alerts in England 0 Flood Warning and flood alerts in Scotland 0 Flood Warning and flood alerts in 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