

**National Electricity
Transmission System Status Report**

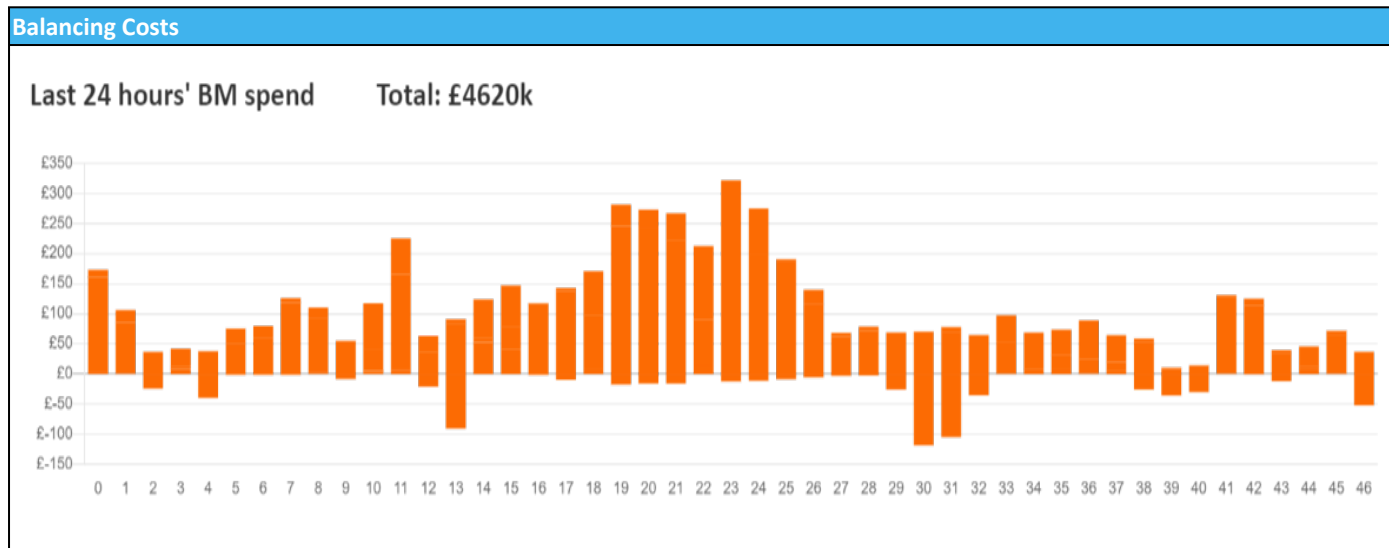


national**grid**ESO

National Electricity Transmission System Status Report
Friday 24 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	9488 (SP 22)	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



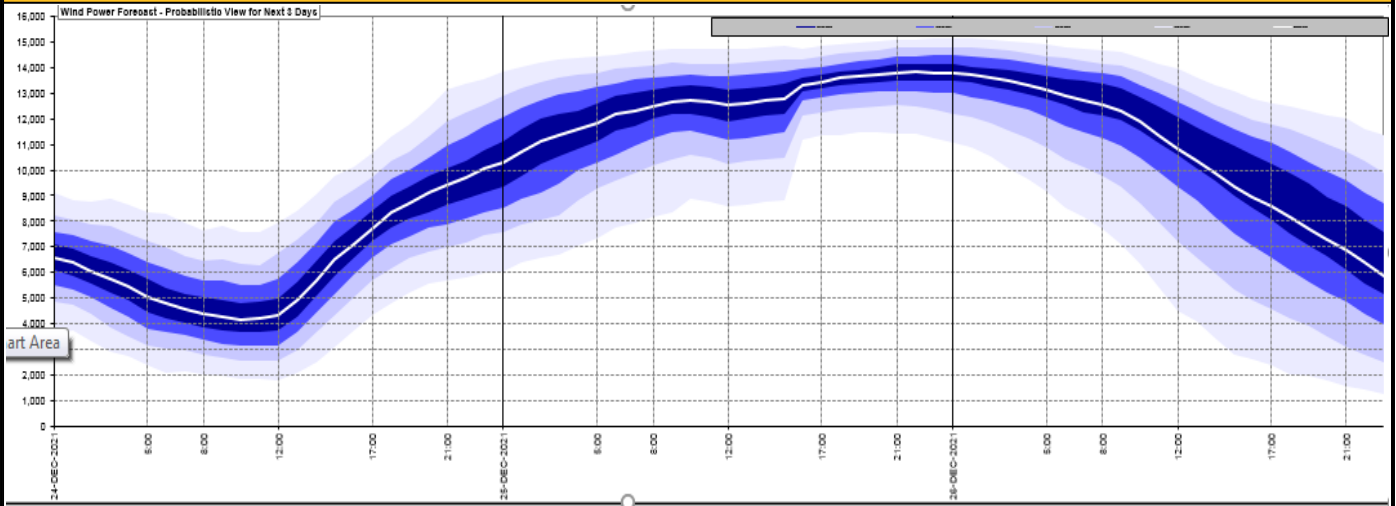
Yesterday's Market Summary

Cash Out Price (Max)	£495.00 (SP 21-23)
Cash Out Price (Min)	£188.00 (SP 48)
Peak Demand Yesterday	41,096 MW
Minimum Demand	24,224 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 @ 1400

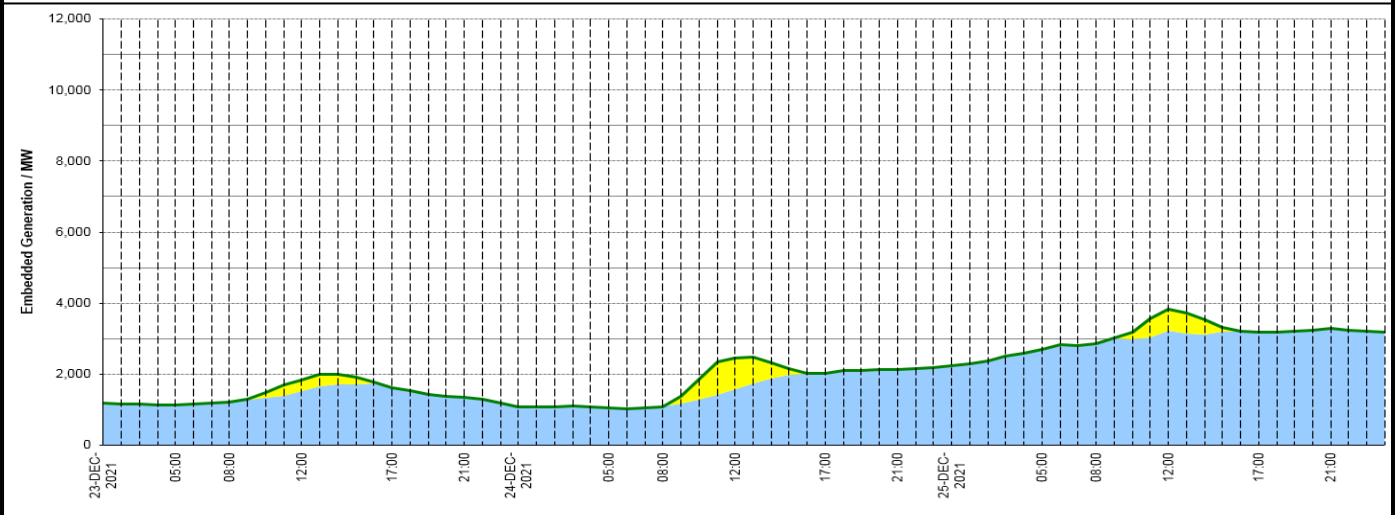
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

Embedded Generation Estimates													Last run: 24-Dec-2021 04:04:10				
	23-DEC-2021					24-DEC-2021					25-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	0	311	2	0	0	0	0	892	0	0	0	0	0	597	0	0
Wind (MW)	1133	1207	1526	1624	1355	1063	1049	1083	1566	2028	2138	2245	2708	2859	3226	3186	3278
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1133	1207	1837	1626	1355	1063	1049	1083	2458	2028	2138	2245	2708	2859	3823	3186	3278



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	Today: Early rain and hill snow over Scotland sinking southwards into northern England, brighter but colder and windy conditions following. Early fog patches further south with early rain in the southwest spreading into Wales and southern and central England later. Tonight: Evening rain over Wales and southern and central England easing later. Heavy rain into the southwest later in the night. Clearer and frosty in the north. Turning windier.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	UK Weather Warnings Yellow weather warnings for snow are in force for the UK. Areas affected: Central, Tayside & Fife, Grampian, Highlands & Eilean Siar, Strathclyde 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

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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