

**National Electricity
Transmission System Status Report**

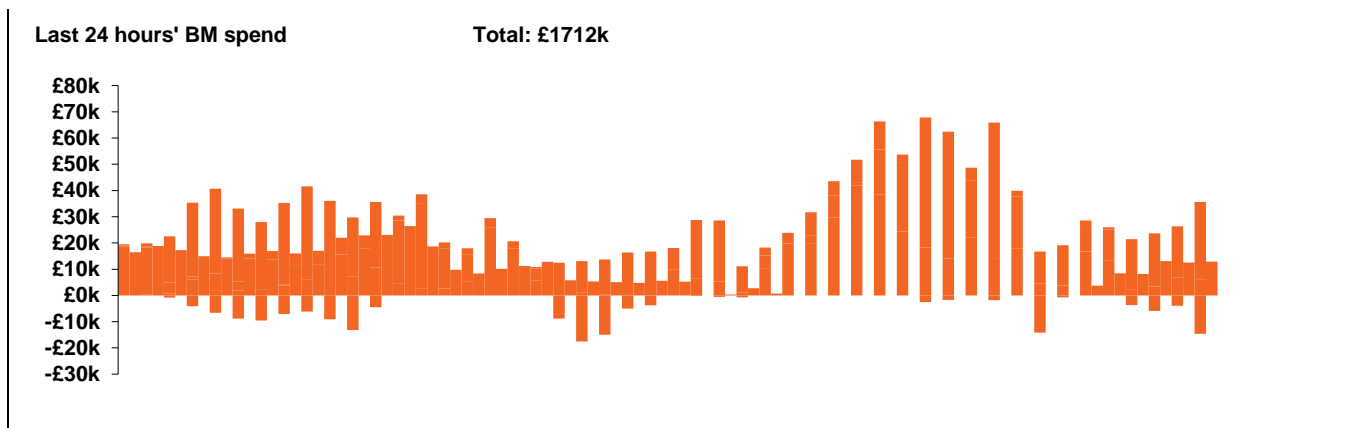


national**grid**ESO

National Electricity Transmission System Status Report
Saturday 30 January 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			

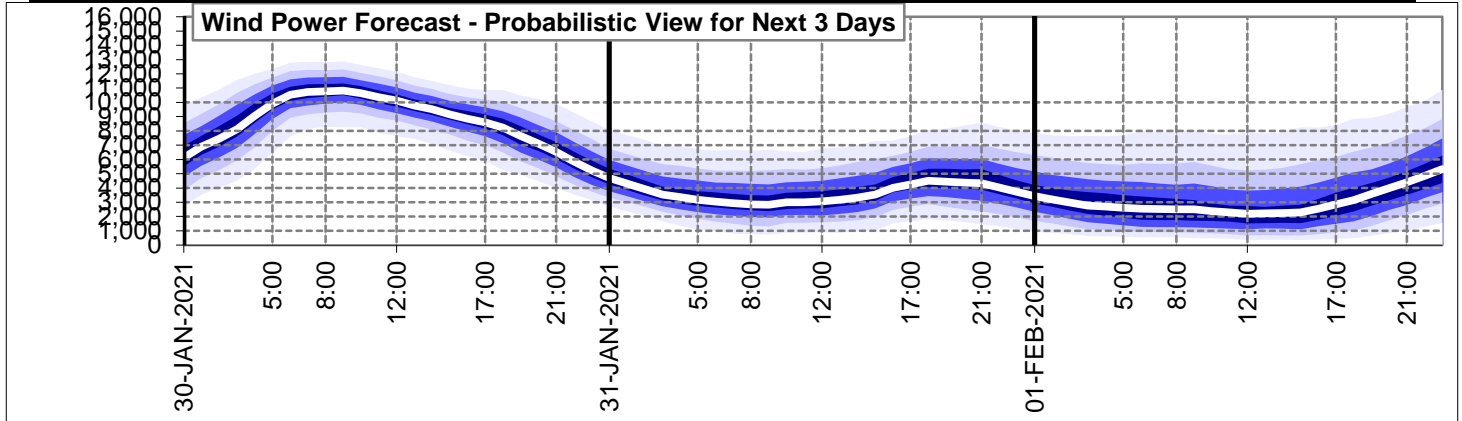
Today's Minimum De-Rated Margin	6828 (SP 37)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash out price (Max)	£97.50/MWh (SPs 36, 37 & 39)
Cash Out Price (Min)	£12.75 /MWh (SP 8,9)
Peak Demand Yesterday	41,715

Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	0	0	Not available
France (IFA)	2000	2000	Fully available
France (IFA2)	1004	1004	Fully available
Belgium (Nemo)	1020	1020	Fully available
Ireland (EWIC)	500	530	Fully available
Northern Ireland (MOYLE)	500	500	Fully available

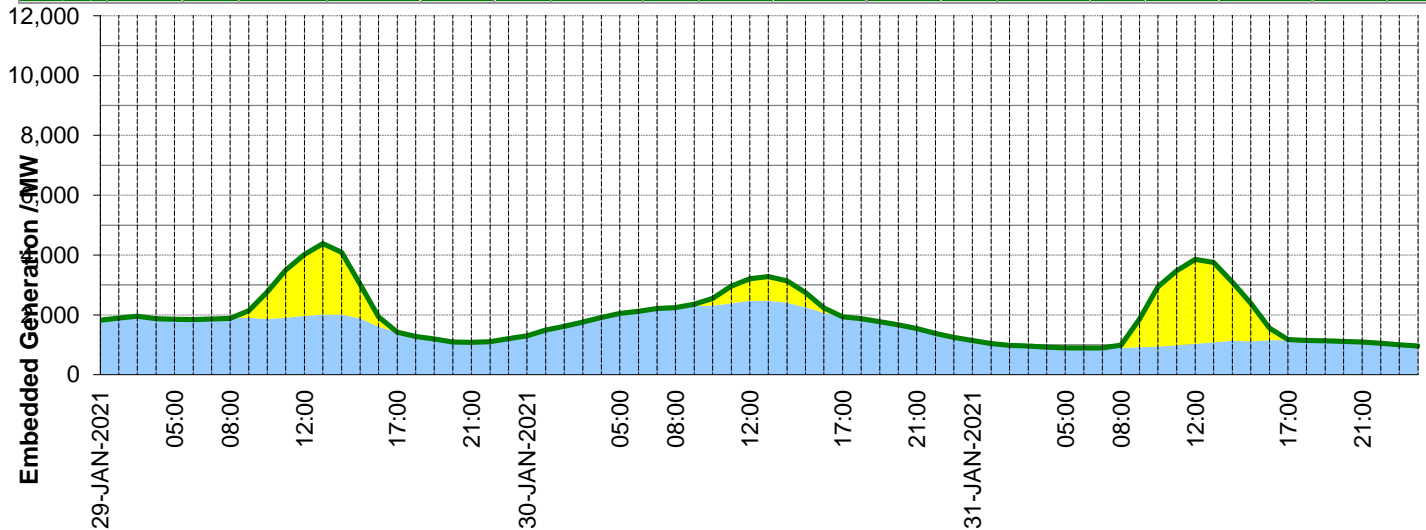
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	29-JAN-2021					30-JAN-2021						31-JAN-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	3	2050	6	0	0	0	0	740	0	0	0	0	89	2818	27	0
Wind (MW)	1848	1882	1969	1415	1081	1299	2048	2237	2468	1939	1542	1138	899	895	1035	1149	1092
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1848	1885	4019	1421	1081	1299	2048	2237	3208	1939	1542	1138	899	984	3853	1176	1092



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: After an icy start it will stay cold in the north with sunny spells and a few wintry showers. Rain and strong winds in south with some hill snow, especially over Wales, clearing south during the afternoon.</p> <p>Tonight: Very cold for many northern and central places with a widespread, locally severe, frost. Cloud slowly clearing in south with winds easing.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>Weather Warnings:</p> <p>Yellow warning of ice Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar North East England North West England SW Scotland, Lothian Borders Strathclyde Yorkshire & Humber</p> <p>Starts 16:00 GMT on Fri 29 January Ends 11:00 GMT on Sat 30 January - Ice forming and leading to some difficult driving conditions.</p> <p>Yellow warning of rain Areas affected: South West England</p> <p>Starts 20:00 GMT on Fri 29 January Ends 20:00 GMT on Sat 30 January - Heavy rain may lead to some flooding and transport disruption.</p> <p>Yellow warning of snow Areas affected: London & South East England South West England Wales West Midlands</p> <p>Starts 05:00 GMT on Sat 30 January Ends 18:00 GMT on Sat 30 January - Snow, heavy at times, may lead to some travel disruption.</p> <hr/> <p>UK Flood Warnings: 69 Flood Warnings issued for England. 0 Flood Warning issued for Scotland. 0 Flood Warnings 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