

**National Electricity
Transmission System Status Report**

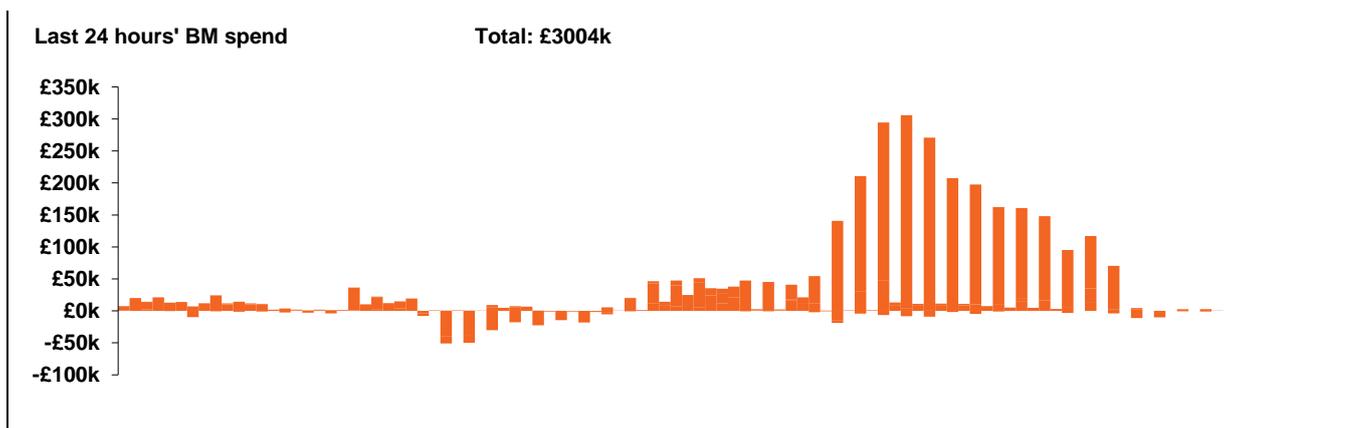


national**grid**ESO

National Electricity Transmission System Status Report
Friday 15 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			

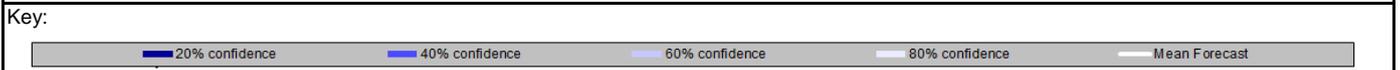
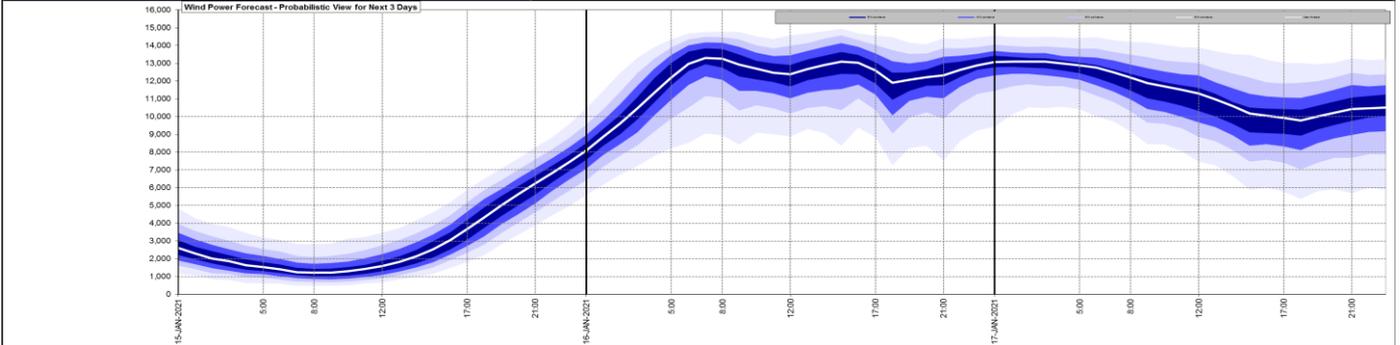
Today's Minimum De-Rated Margin	2148 (SP 34)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash out price (Max)	£105.00/MWh (SP 26 & 27)
Cash Out Price (Min)	£0.00/MWh (SP 19-21 & 46-47)
Peak Demand Yesterday	45354MW

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

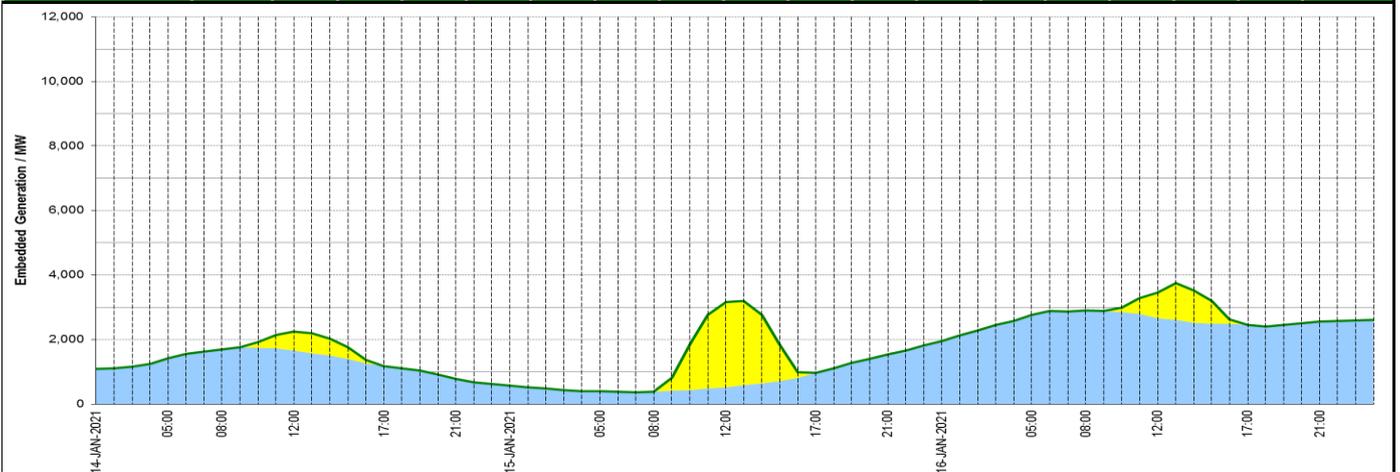
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	14-JAN-2021					15-JAN-2021					16-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	0	594	0	0	0	0	0	2641	0	0	0	0	0	799	0	0
Wind (MW)	1412	1702	1656	1176	785	578	394	387	523	964	1535	1950	2764	2903	2658	2457	2554
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1412	1702	2250	1176	785	578	394	387	3164	964	1535	1950	2764	2903	3457	2457	2554



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: A mostly dry day but areas of freezing fog and low cloud will be slow to clear, and may persist for some places, especially parts of eastern England. Elsewhere some sunshine but chilly nonetheless after a frost in places</p> <p>Tonight: Starting dry and frosty, with fog patches possible in the east. Strong winds and rain reaching western areas by midnight, perhaps turning to snow in places as it pushes east.</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</p> <p>Areas affected: Central, Tayside & Fife East Midlands East of England Grampian Highlands & Eilean Siar London & South East England North East England North West England Orkney & Shetland SW Scotland, Lothian Borders South West England Strathclyde Wales West Midlands Yorkshire & Humber</p> <p>ACTIVE Started at: 08:00 GMT on Wed 13 January Ends: 10:00 GMT on Fri 15 January</p> <p>Rain, sleet and snow dying out, leaving a risk of icy surfaces and difficult travel conditions.</p> <ul style="list-style-type: none"> - Some injuries from slips and falls on icy surfaces - Probably some icy patches on some untreated roads, pavements and cycle paths <p>UK Flood Warnings:</p> <p>45 Flood Warnings issued for England.</p> <p>0 Flood Warning issued for Scotland.</p> <p>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