

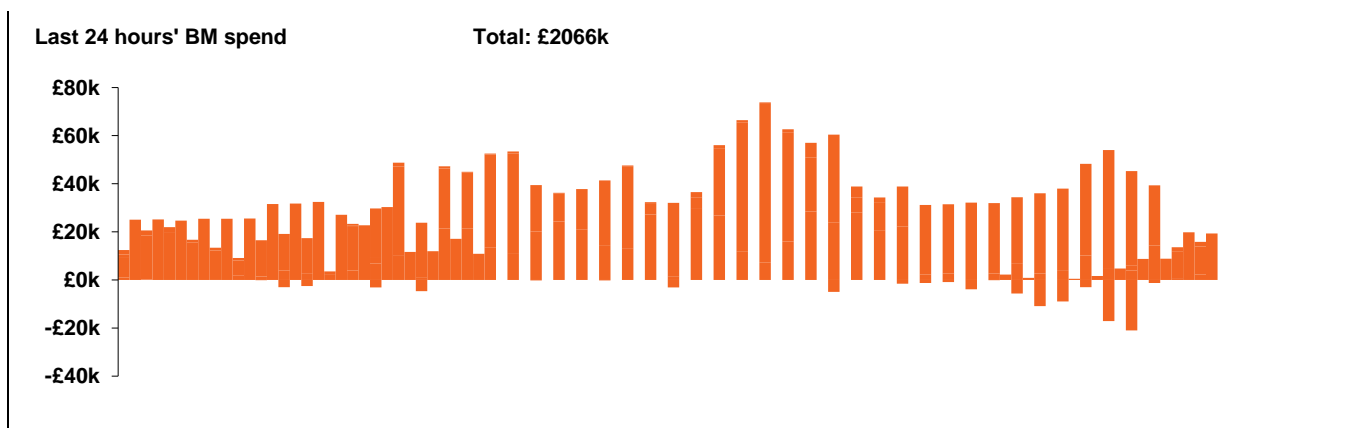
**National Electricity
Transmission System Status Report**



National Electricity Transmission System Status Report
Wednesday 20 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			

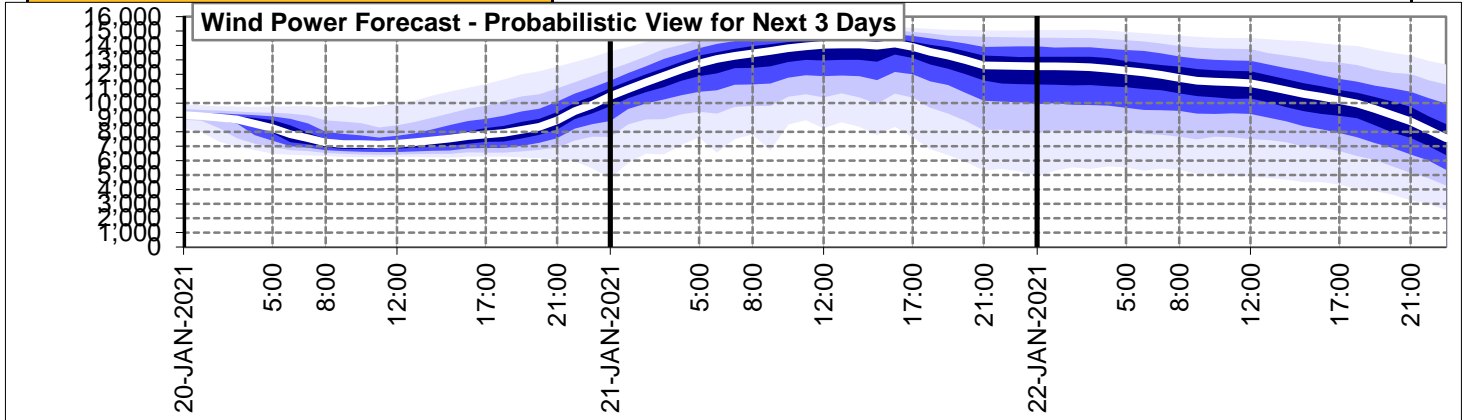
Today's Minimum De-Rated Margin	4631.54 (SP 34)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash out price (Max)	£90.00/MWh (SP 32)
Cash Out Price (Min)	£27.56/MWh (SP 12, 14)
Peak Demand Yesterday	42,450MW

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

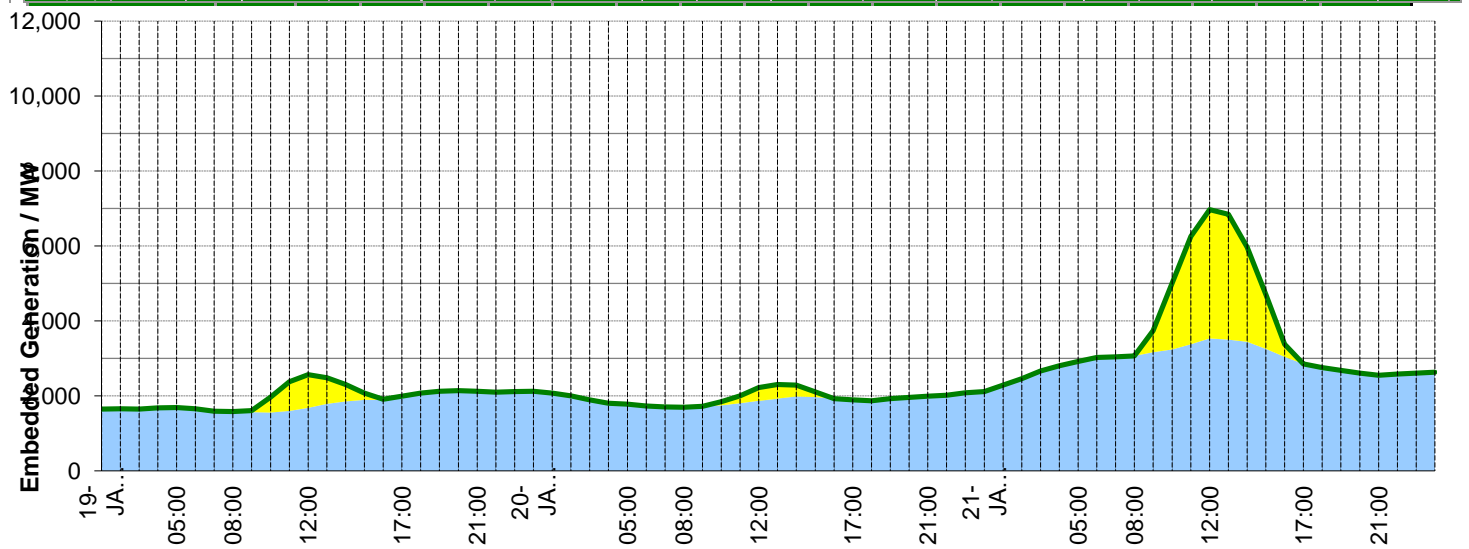
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	19-JAN-2021					20-JAN-2021					21-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	889	1	0	0	0	0	347	0	0	0	0	0	3438	0	0
Wind (MW)	1693	1583	1680	1993	2124	2126	1780	1697	1873	1897	1992	2115	2915	3066	3532	2854	2554
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1693	1583	2569	1994	2124	2126	1780	1697	2220	1897	1992	2115	2915	3066	6970	2854	2554



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Mostly cloudy with further spells of rain, heavy at times. Heaviest rain over northern England, Wales and hills in the southwest. Brighter over western Scotland and Northern Ireland. Windy for much of England and Wales.</p> <p>Tonight: Early evening rain, heavy at times, over England and Wales clearing eastwards and perhaps turning to snow for a time over northern England and Wales. Snow southern Scotland. Windy.</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 rain</p> <p>Areas affected: East Midlands East of England London & South East England North East England North West England South West England Wales West Midlands Yorkshire & Humber</p> <p>ACTIVE</p> <p>Started at: 00:00 GMT on Tue 19 January</p> <p>UK Flood Warnings:</p> <p>37 Flood Warnings issued for England.</p> <p>0 Flood Warning issued for Scotland.</p> <p>5 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