

**National Electricity
Transmission System Status Report**

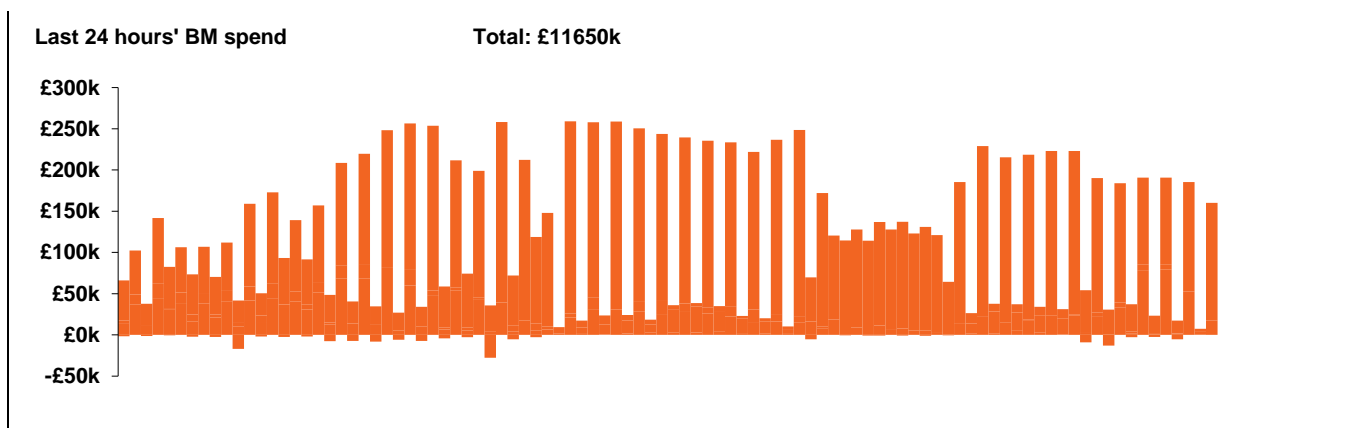


national**grid**ESO

National Electricity Transmission System Status Report
Saturday 20 February 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			

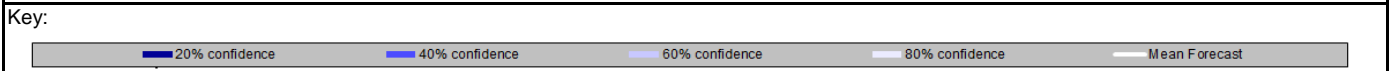
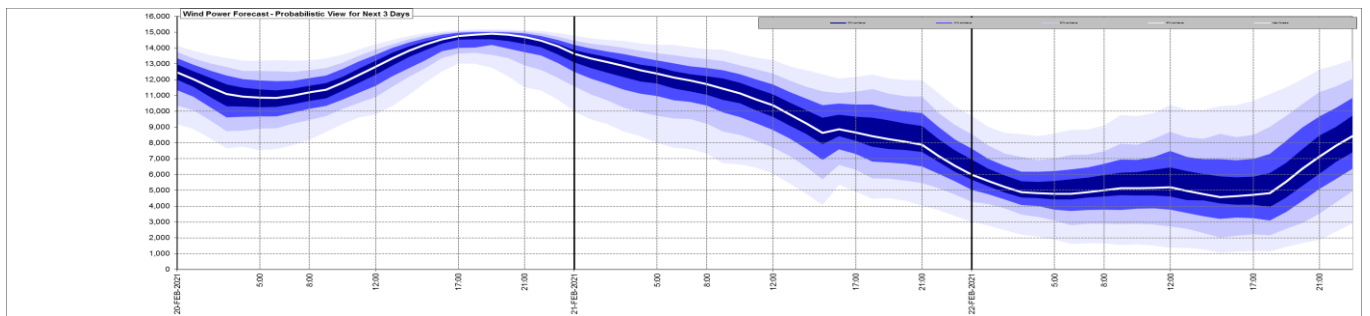
Today's Minimum De-Rated Margin	16516 (SP 36)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash out price (Max)	£71.50/MWh (SP 39)
Cash Out Price (Min)	£0.00/MWh (SP 32-33)
Peak Demand Yesterday	37727 MW

Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1060	1060	Fully 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

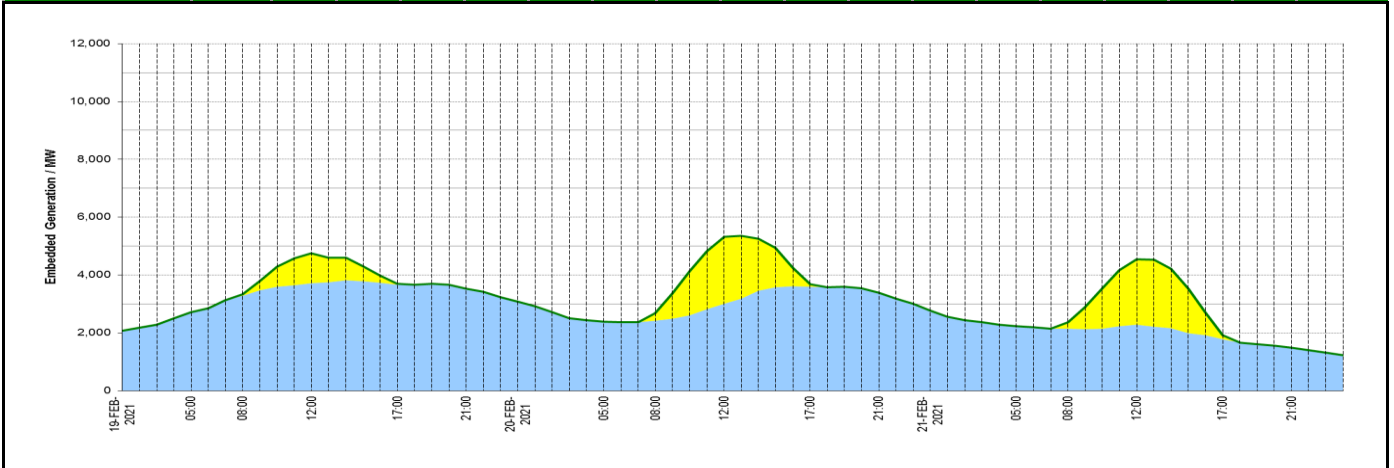
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	19-FEB-2021					20-FEB-2021					21-FEB-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	55	1040	39	0	0	0	268	2307	88	0	0	0	219	2252	135	0
Wind (MW)	2706	3283	3714	3656	3528	3068	2384	2411	3012	3596	3379	2766	2230	2147	2286	1784	1495
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2706	3338	4754	3695	3528	3068	2384	2679	5319	3684	3379	2766	2230	2366	4538	1919	1495



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Western and northern areas seeing persistent, sometimes heavy rainfall, especially over hills, although the far northwest clearer with showers for a time. Heavy rain returning here later, with coastal gales. Eastern and southeastern areas drier, breezy and very mild.</p> <p>Tonight: Severe gales clipping northwest Scotland early in the night, followed by clear spells and showers. Elsewhere rain in the west easing, confined to southeast England later, where staying very mild</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>Amber warning of rain Areas affected: Wales</p> <p>Yellow warning of rain : Areas affected: North West England, Central, Tayside & Fife, Grampian, SW Scotland, Lothian Borders, Strathclyde, South West England</p>
		<p>UK Flood Warnings: 7 Flood Warnings issued for England. 33 Flood Warnings issued for Scotland. 20 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