

**National Electricity
Transmission System Status Report**

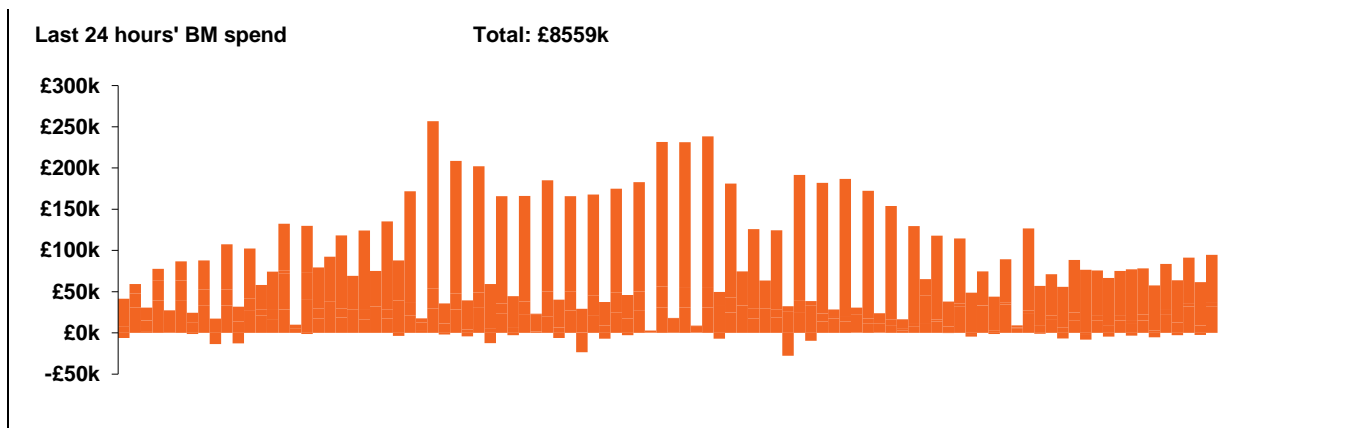


national**grid**ESO

National Electricity Transmission System Status Report
Thursday 18 February 2021

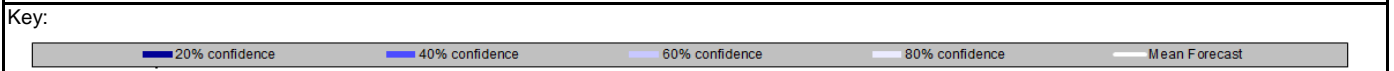
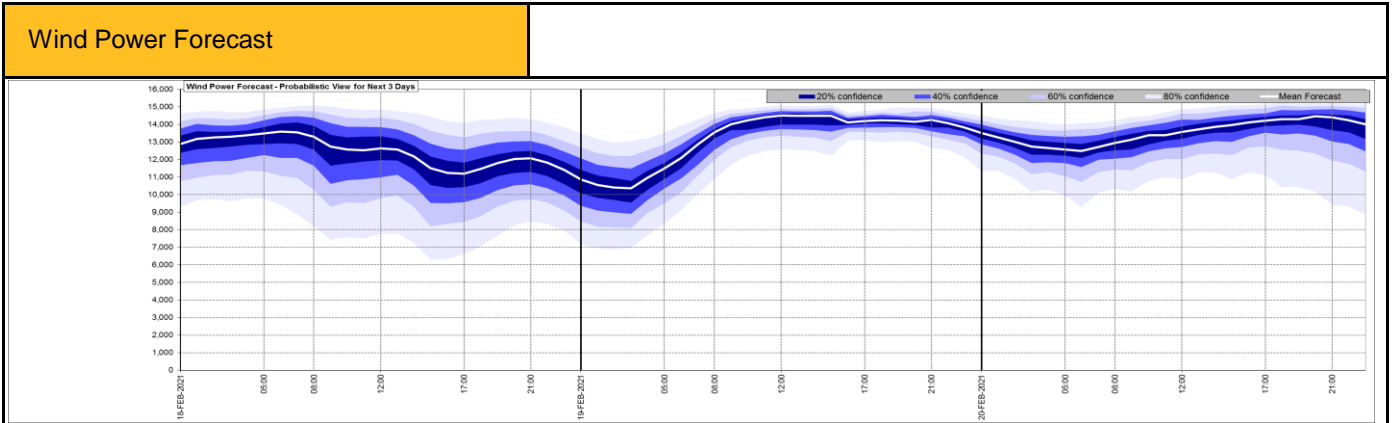
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	9744.73 (SP 36)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash out price (Max)	£76.00/MWh (SP 36)
Cash Out Price (Min)	£-60.00/MWh (SP 8)
Peak Demand Yesterday	42,537 MW

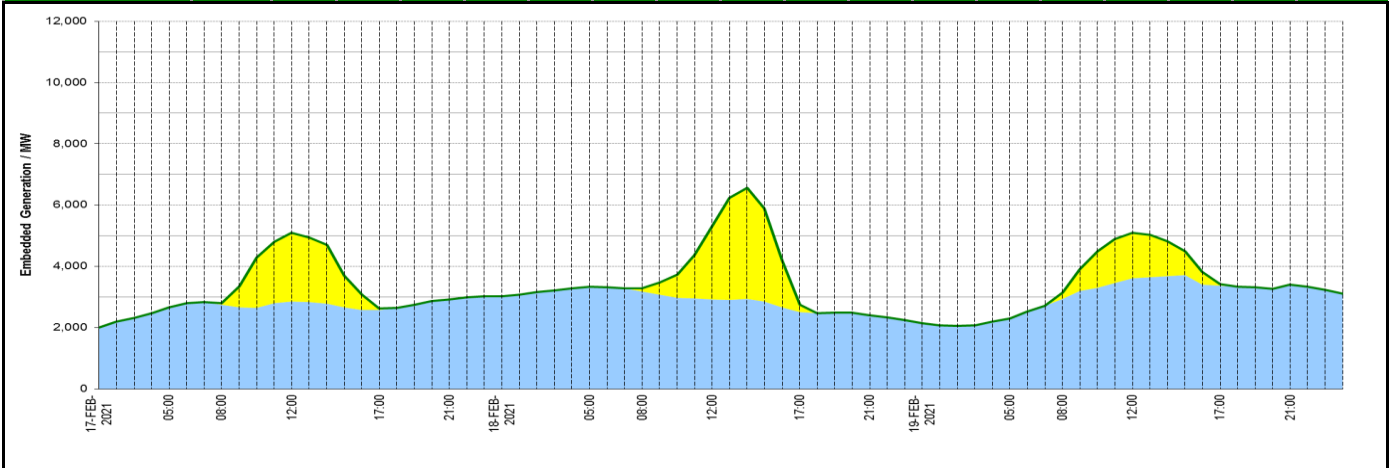
Interconnectors			
Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1060	1060	Fully available
France (IFA)	2000	2000	Fully available
France (IFA2)	1004	1004	Fully available
Belgium (Nemo)	1020	1020	Fully available
Ireland (EWIC)	500	530	Fully available
Northern Ireland (MOYLE)	500	500	Fully available



Expected embedded generation (MWs)

Embedded Generation Forecast

	17-FEB-2021					18-FEB-2021					19-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	39	2240	45	0	0	0	98	2400	252	0	0	0	192	1493	52	0
Wind (MW)	2655	2753	2852	2583	2912	3063	3341	3183	2914	2500	2410	2146	2307	2945	3610	3376	3396
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2655	2792	5092	2628	2912	3028	3341	3281	5314	2752	2410	2146	2307	3137	5103	3428	3396



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Rain, some heavy, moving eastwards followed by sunshine and scattered showers. More persistent rain and some hill snow in the NW. Windy and rather mild.</p> <p>Tonight: Showers, heaviest and most frequent in northwest with hill snow, clearing. Then dry and clear with frost in places. Cloud and rain across far west later with coastal gales.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>Yellow warning of rain Areas affected: Central, Tayside & Fife Grampian Central, Tayside & Fife Grampian SW Scotland, Lothian Borders Strathclyde South West England Wales</p> <hr/> <p>UK Flood Warnings: 73 Flood Warnings issued for England. 21 Flood Warnings issued for Scotland. 4 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