

**National Electricity
Transmission System Status Report**

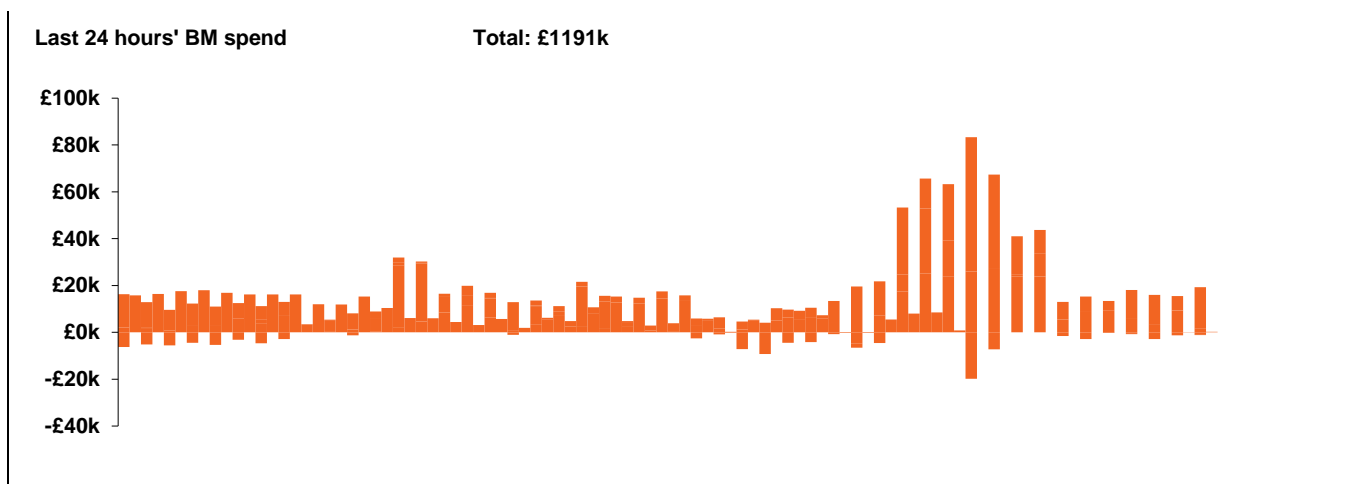


national**grid**ESO

National Electricity Transmission System Status Report
Thursday 27 February 2020

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

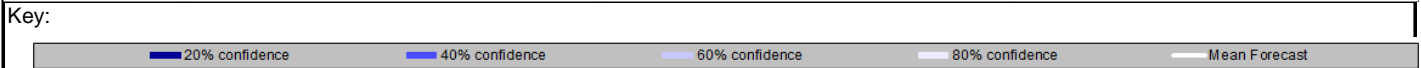
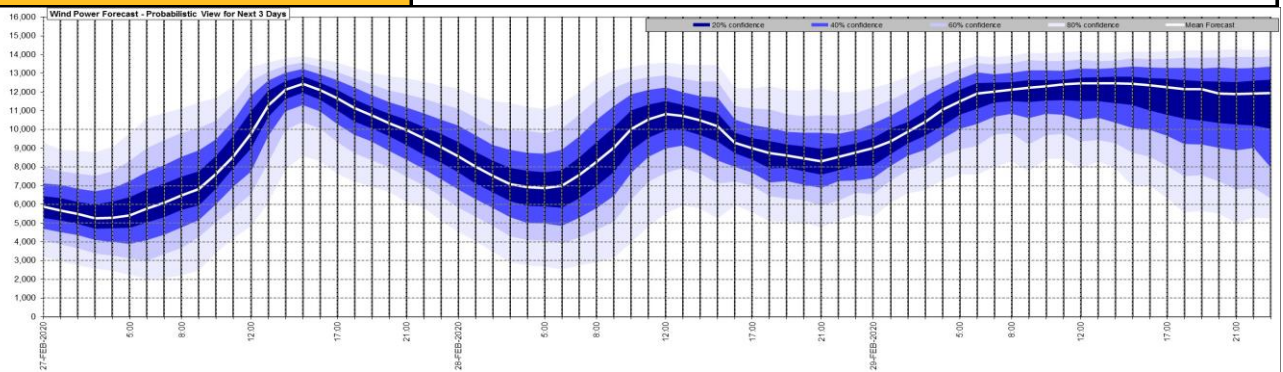
Today's Minimum De-Rated Margin	4340 (SP 19)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



Yesterday's Market Summary	
Cash out price (Max)	£120/MWh (SP38)
Cash Out Price (Min)	£2.35/MWh (SP27,32)
Peak Demand Yesterday	43826 MW

Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully available
France (IFA)	2000	2000	Fully available.
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	500	500	Fully available.

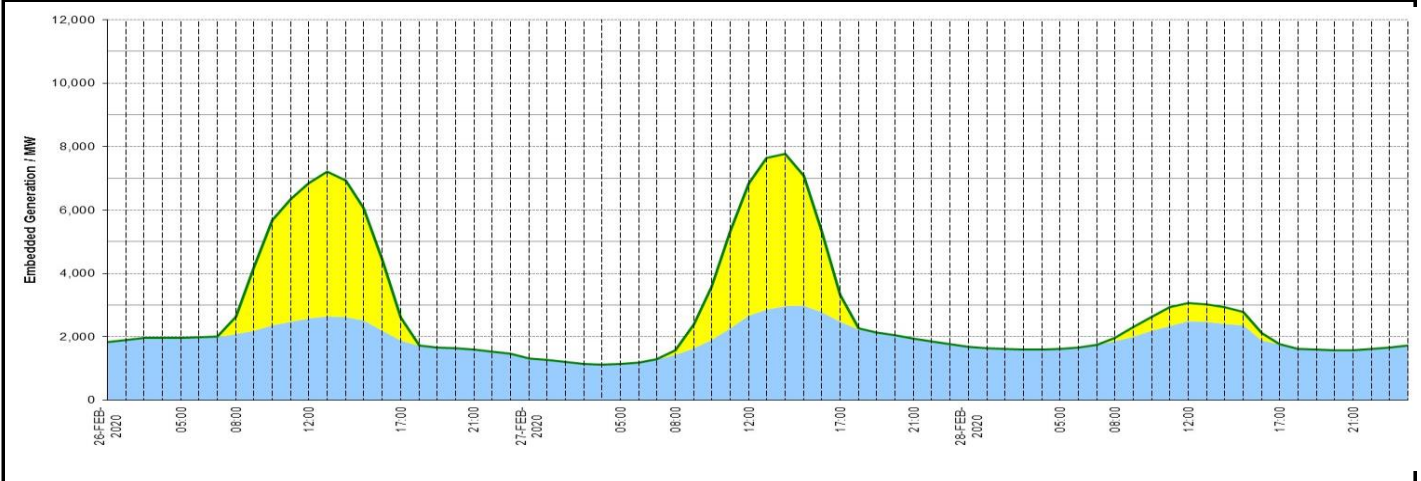
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	26-FEB-2020					27-FEB-2020					28-FEB-2020						
	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	542	4250	720	0	0	0	135	4175	854	0	0	0	95	580	25	0
Wind (MW)	1966	2081	2587	1885	1588	1315	1144	1439	2667	2468	1940	1694	1615	1874	2483	1753	1583
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1966	2623	6837	2605	1588	1315	1144	1574	6842	3322	1940	1694	1615	1969	3063	1778	1583



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Rain, sleet and snow clearing southeastwards then all parts seeing sunny spells and wintry showers. Showers heaviest and most frequent in the northwest. Driest in the south and east following early rain. Staying cold.</p> <p>Tonight: Cold with frost for many, particularly eastern parts. Showers continuing for northwest Scotland but snow levels rising. Clouding over from the west with some rain in west later.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>UK Weather Warnings Yellow warnings of snow and ice</p> <p>UK Flood Warnings: 1 Severe Flood Warnings and 92 Flood Warnings in England 0 Flood Warnings in Scotland 1 Flood Warnings in Wales</p>

Contains public sector information licensed under the Open Government Licence v1.0

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