

**National Electricity
Transmission System Status Report**

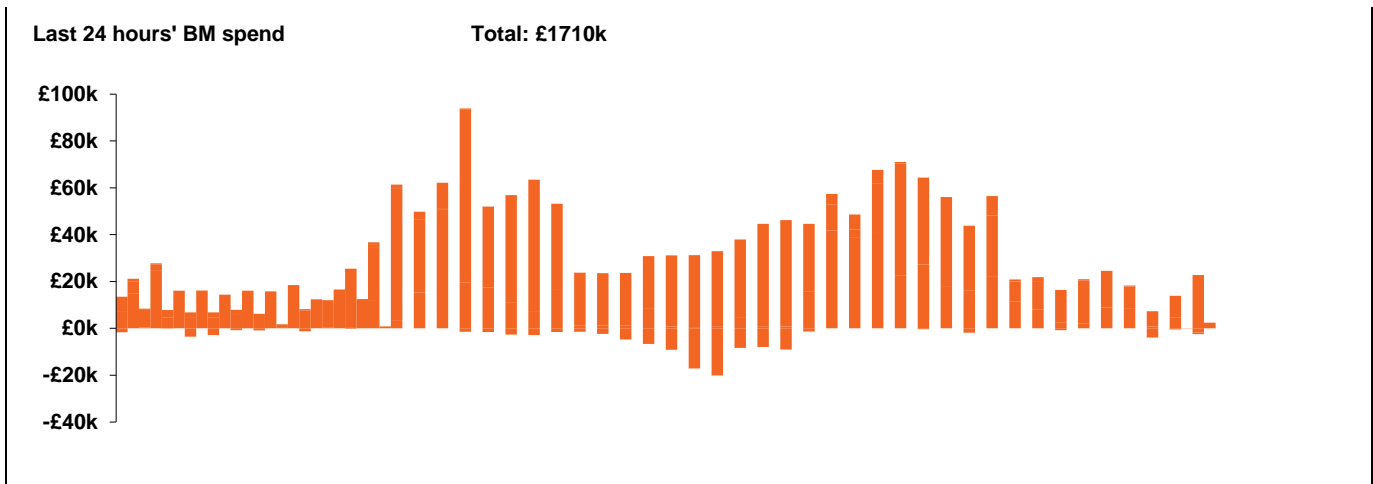


national**grid**ESO

National Electricity Transmission System Status Report
Wednesday 22 January 2020

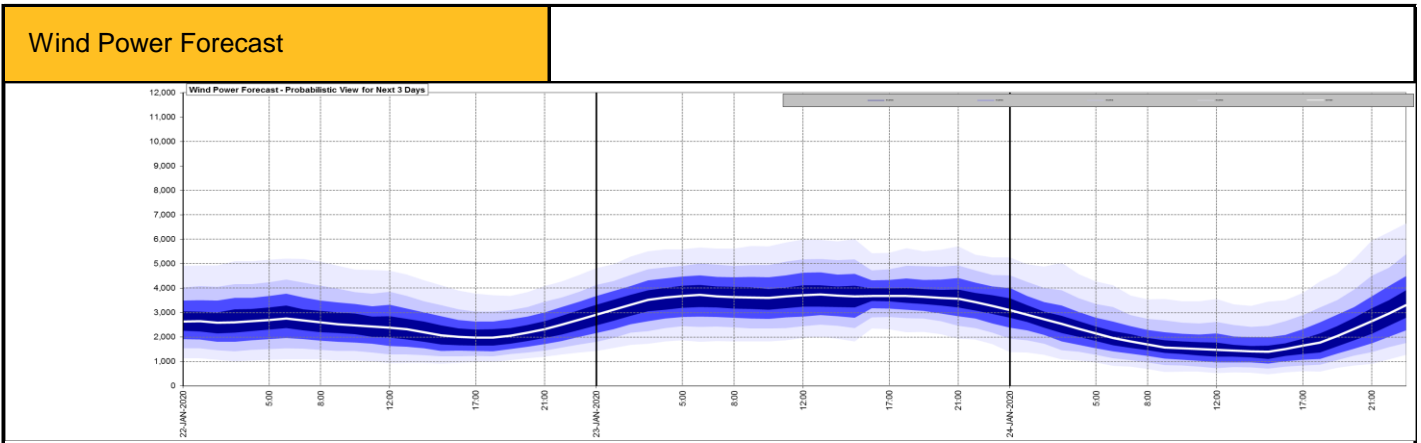
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

Today's Minimum De-Rated Margin	746 (SP 35)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW



Yesterday's Market Summary	
Cash out price (Max)	£99.80/MWh (SP 35)
Cash Out Price (Min)	£21.80 /MWh (SP 23-26)
Peak Demand Yesterday	43,834MW

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)	395	500	Partially available.



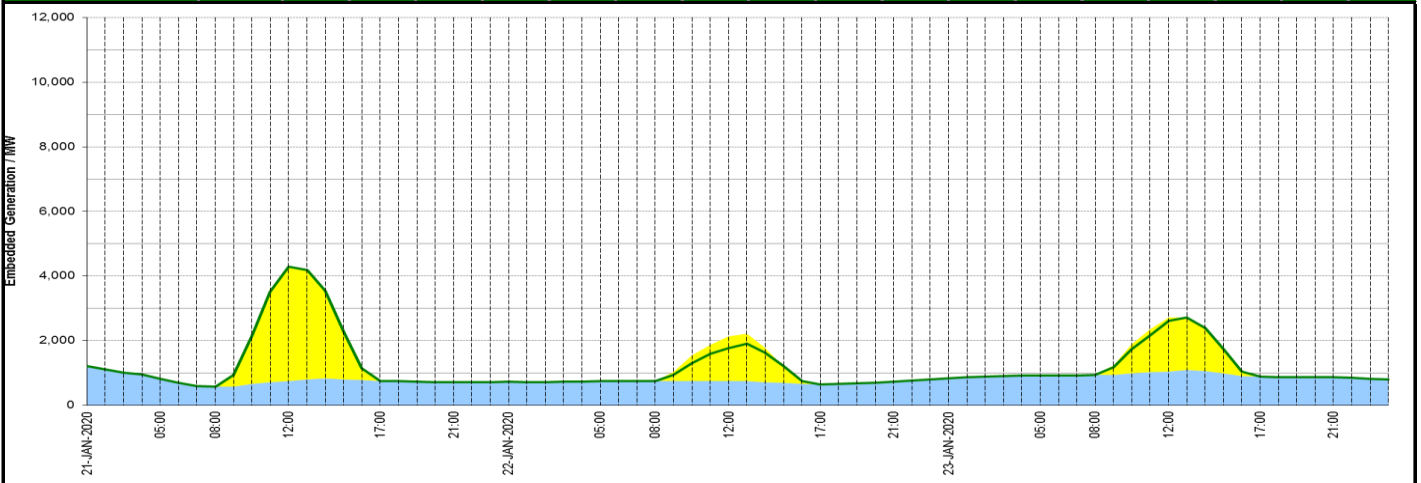
Key:

- 20% confidence
- 40% confidence
- 60% confidence
- 80% confidence
- Mean Forecast

Expected embedded generation (MWs)

Embedded Generation Forecast

	21-JAN-2020					22-JAN-2020					23-JAN-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	1	3530	0	0	0	0	0	1376	0	0	0	0	11	1670	0	0
Wind (MW)	825	583	756	753	707	705	749	749	753	653	726	835	927	938	1049	884	868
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	825	584	4286	753	707	723	749	749	1771	653	726	835	927	938	2616	884	868



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Some light rain and drizzle affecting parts of the northwest. Elsewhere, most places dry but largely cloudy with mist and fog in places, especially on hills. Some sunny spells, mainly in the northeast. Feeling chilly in the south.</p> <p>Tonight: Continuing mostly dry but with cloudy skies in most places. A few clear intervals are possible, leading to some isolated frost and fog</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 No weather warnings</p> <p>Flood warnings There is 0 flood warning and 50 Flood Alerts in England. There are no flood warnings in Scotland and 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