

**National Electricity
Transmission System Status Report**

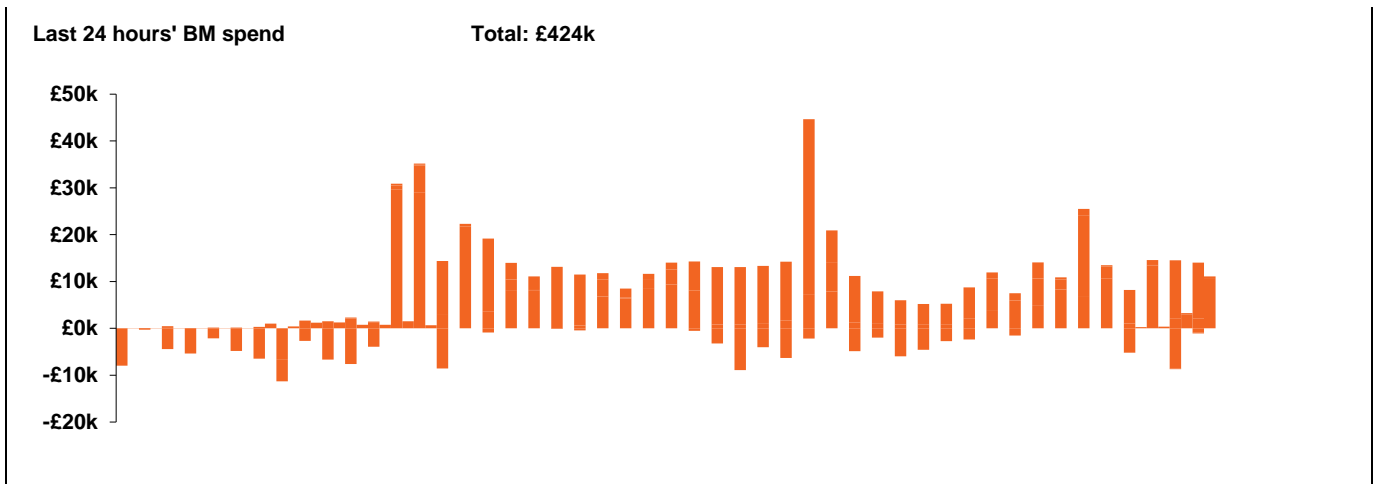


national**grid**ESO

National Electricity Transmission System Status Report
Saturday 25 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			

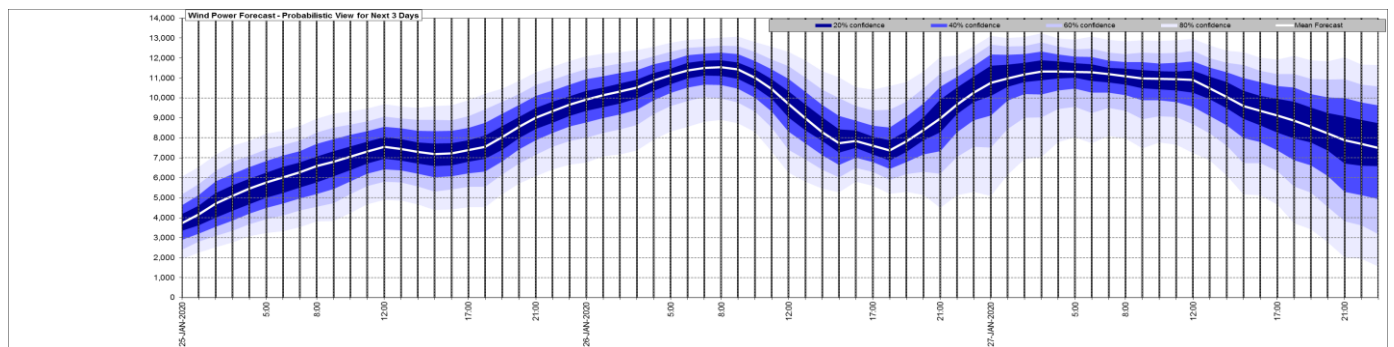
Today's Minimum De-Rated Margin	13275 (SP 36)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW



Yesterday's Market Summary	
Cash out price (Max)	£72.00/MWh (SP 32)
Cash Out Price (Min)	£25.30 /MWh (SP 5-6)
Peak Demand Yesterday	43,904MW

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.

Wind Power Forecast



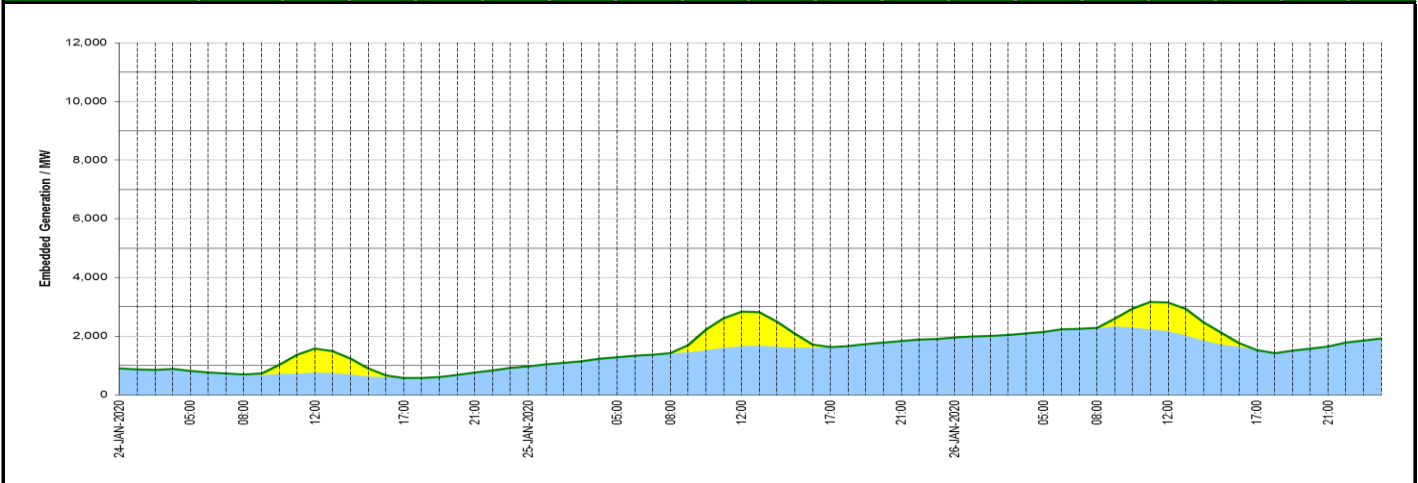
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	24-JAN-2020					25-JAN-2020					26-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	0	811	0	0	0	0	0	1174	0	0	0	0	0	976	0	0
Wind (MW)	816	696	757	571	754	974	1276	1417	1663	1625	1824	1959	2151	2283	2173	1530	1643
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	816	696	1568	571	754	974	1276	1417	2837	1625	1824	1959	2151	2283	3149	1530	1643



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Mostly cloudy and misty with some showers over western Britain. Windy across north-west Scotland with some rain. Mostly dry elsewhere with some brightness over central southern and south-east England.</p> <p>Tonight: It will stay rather cloudy and misty with some drizzle here and there. More persistent rain will spread into Northern Ireland and western Scotland in the early hours. Becoming windy.</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 0 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