

**National Electricity
Transmission System Status Report**

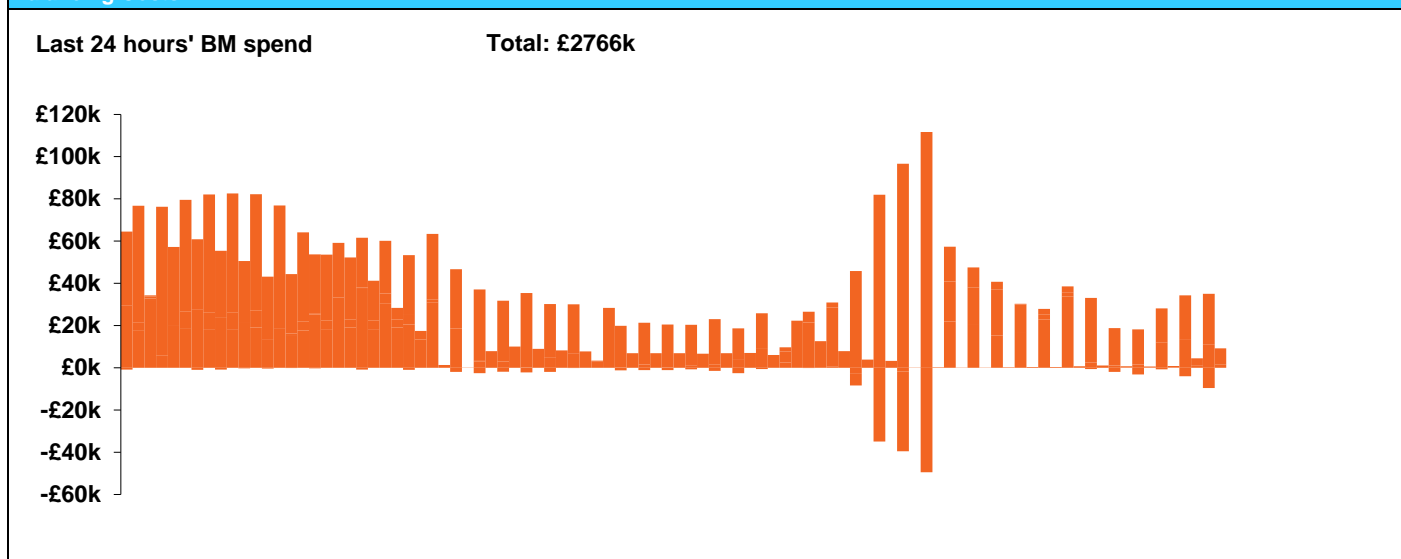


National Electricity Transmission System Status Report
Sunday 05 January 2020

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

<u>Today's Minimum De-Rated Margin</u>	9839 MW (SP 36)	
<u>System Warnings</u>	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs

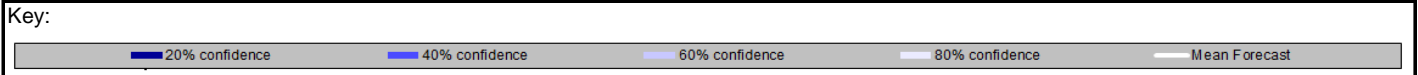
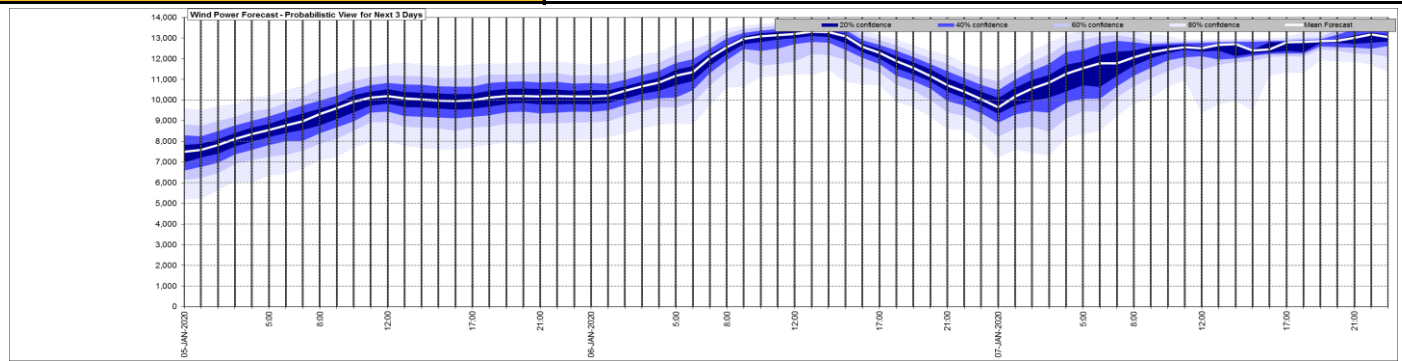


Yesterday's Market Summary

<u>Cash out price (Max)</u>	£150.00/MWh (SPs 34-36)
<u>Cash Out Price (Min)</u>	£0.00Wh (SPs 4,11,13,15)
<u>Peak Demand Yesterday</u>	39,311 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)	395	500	Partially available.

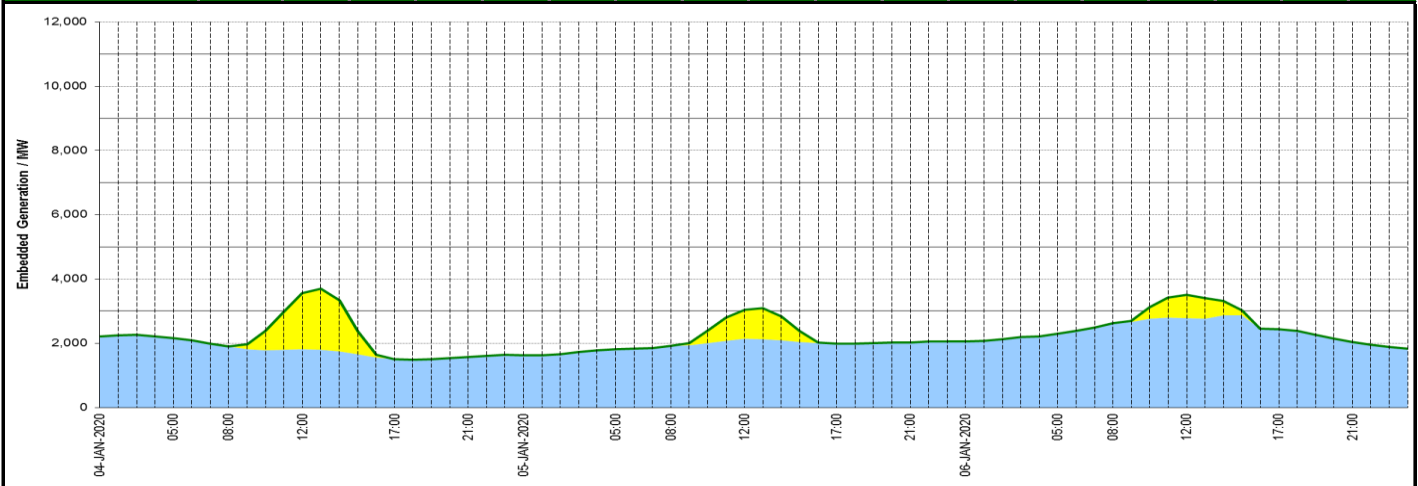
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	04-JAN-2020					05-JAN-2020					06-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	1740	0	1	0	0	0	894	0	0	0	0	0	719	0	0
Wind (MW)	2167	1903	1821	1511	1570	1624	1811	1913	2142	1990	2029	2054	2303	2624	2789	2445	2035
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2167	1903	3561	1511	1571	1624	1811	1913	3036	1990	2029	2054	2303	2624	3508	2445	2035



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Much of the UK seeing mainly cloudy, dry weather. Patchy drizzle is most likely towards western and southern hills and coasts, but a few brighter breaks for east Wales, the Midlands and eastern Scotland. Some rain in northern Scotland.</p> <p>Tonight: Much of the country will remain cloudy and mild. Drizzly outbreaks of rain may become a little more widespread, ahead of gales and rain in the far northwest by dawn.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	Met Office Weather Warnings SEPA Natural Resources Wales	<p>Weather warning No weather warnings are in force for the UK.</p> <p>Flood warnings There are 8 flood warnings 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