

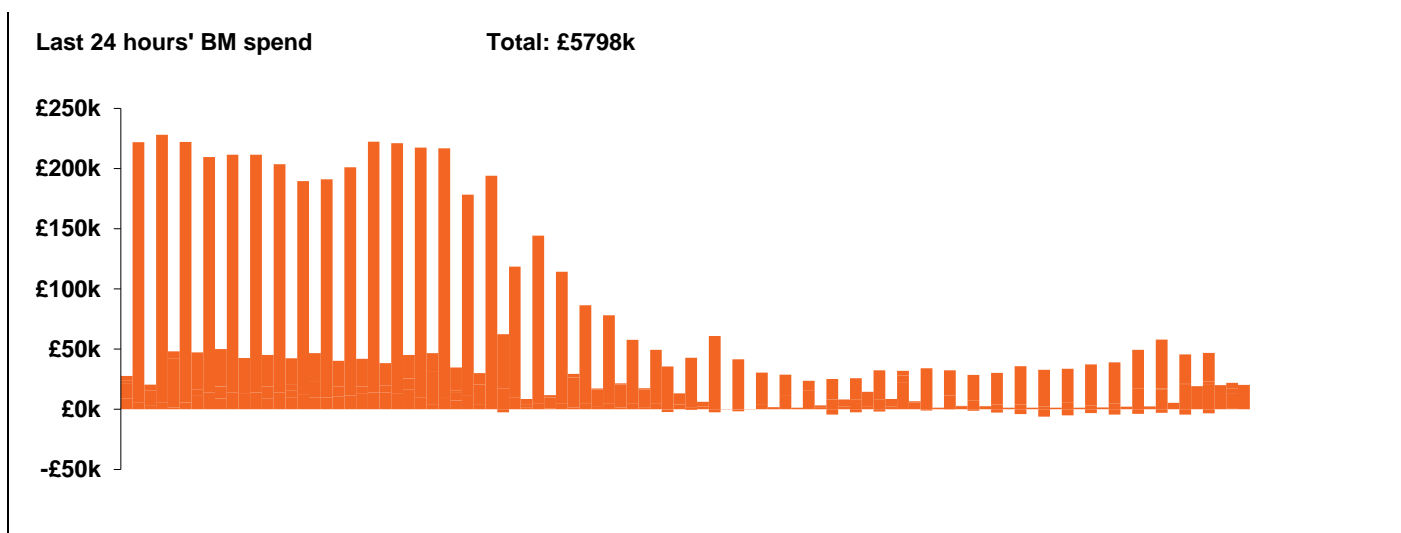
**National Electricity
Transmission System Status Report**



National Electricity Transmission System Status Report
Sunday 12 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			

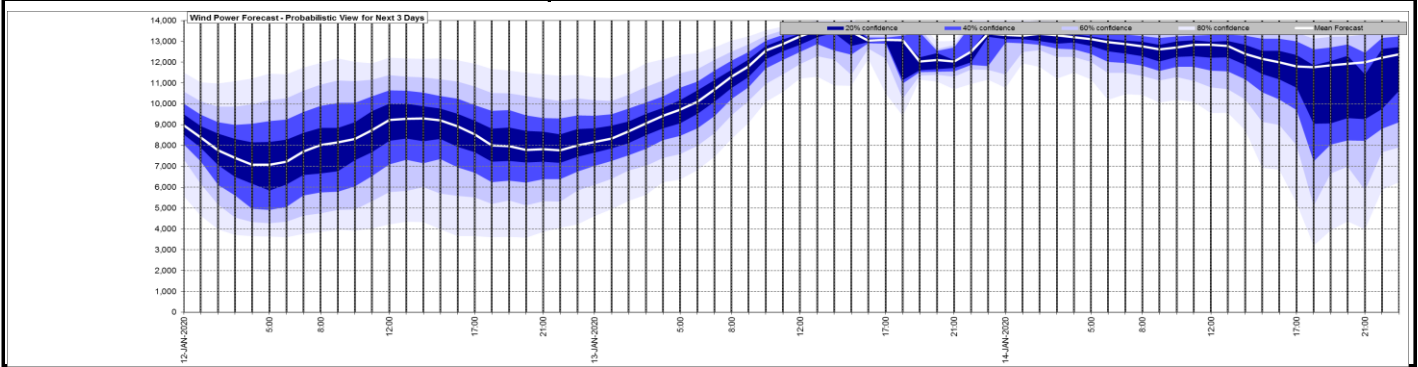
<u>Today's Minimum De-Rated Margin</u>	9180 (SP 36)	
<u>System Warnings</u>	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW



Yesterday's Market Summary	
<u>Cash out price (Max)</u>	£70.00 /MWh (SP 32)
<u>Cash Out Price (Min)</u>	£2.50 /MWh (SP 4- 6)
<u>Peak Demand Yesterday</u>	45,266 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



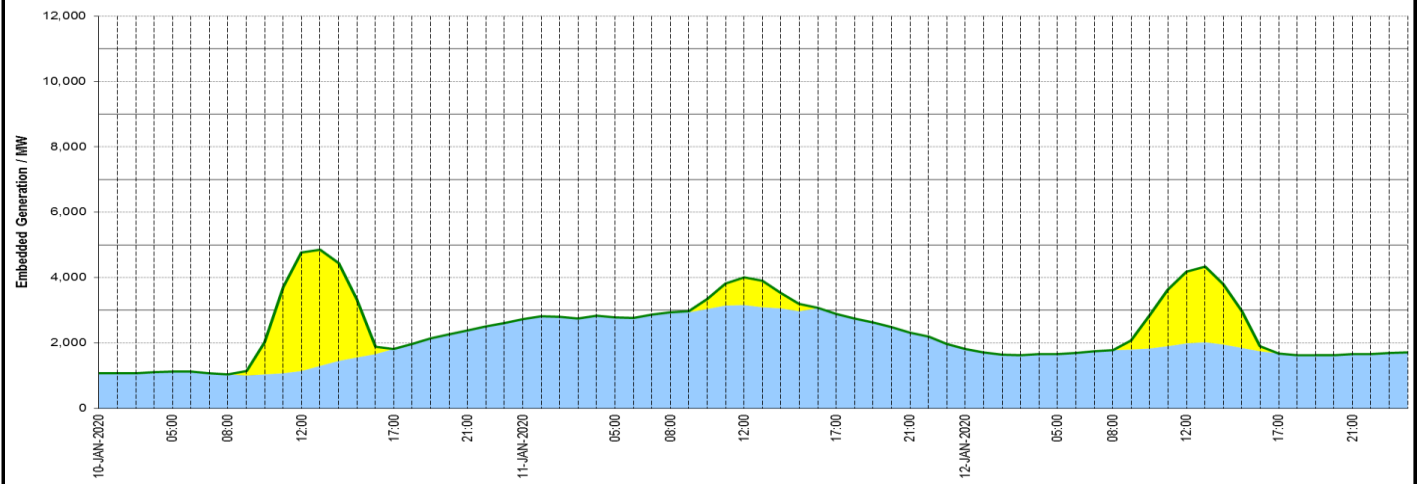
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	10-JAN-2020					11-JAN-2020					12-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	3620	0	0	0	0	0	838	0	0	0	0	0	2193	0	0
Wind (MW)	1120	1032	1141	1814	2378	2729	2789	2938	3163	2883	2319	1820	1660	1776	1993	1670	1661
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1120	1032	4761	1814	2378	2729	2789	2938	4001	2883	2319	1820	1660	1776	4186	1670	1661



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Early rain over southeast England soon clearing. Otherwise, brighter than yesterday with sunny spells. Also a few showers about, mainly northwest Scotland and also across a central swathe of the UK until early afternoon. Windy in the far north.</p> <p>Tonight: Clear periods and colder than last night for most. Further showers for the far north of Scotland, and also some showery rain over southern England during the early hours.</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 wind</p> <p>Central, Tayside & Fife Grampian Highlands & Eilean Siar London & South East England North West England Northern Ireland Orkney & Shetland SW Scotland, Lothian Borders South West England Strathclyde Wales</p> <ul style="list-style-type: none"> - Some delays to road, rail, air and ferry transport are likely - Delays for high-sided vehicles on exposed routes and bridges likely - Some short term loss of power and other services is possible - It's likely that some coastal routes, sea fronts and coastal communities will be affected by spray and/or large waves <p>Flood warnings</p> <p>There are 2 flood warnings in England and 65 Flood Alerts There are 12 flood warnings in Scotland and 27 Flood Alerts There are no flood warnings in Wales and 11 Flood Alerts</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