

**National Electricity
Transmission System Status Report**

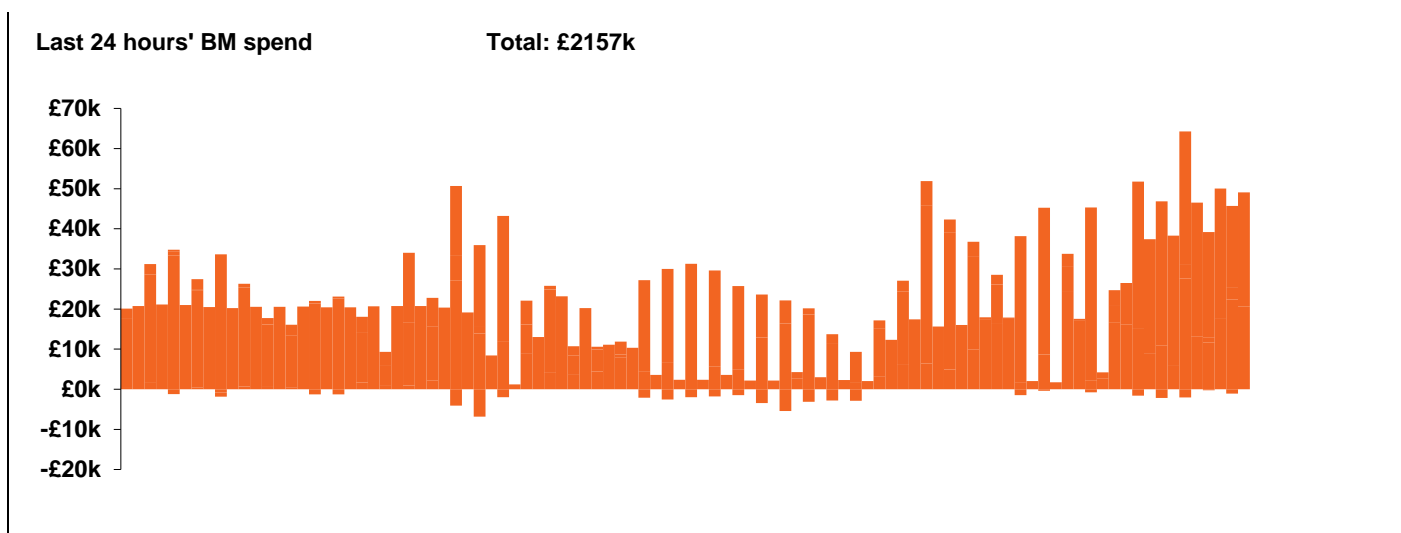


national**grid**ESO

**National Electricity Transmission System Status Report
Monday 13 January 2020**

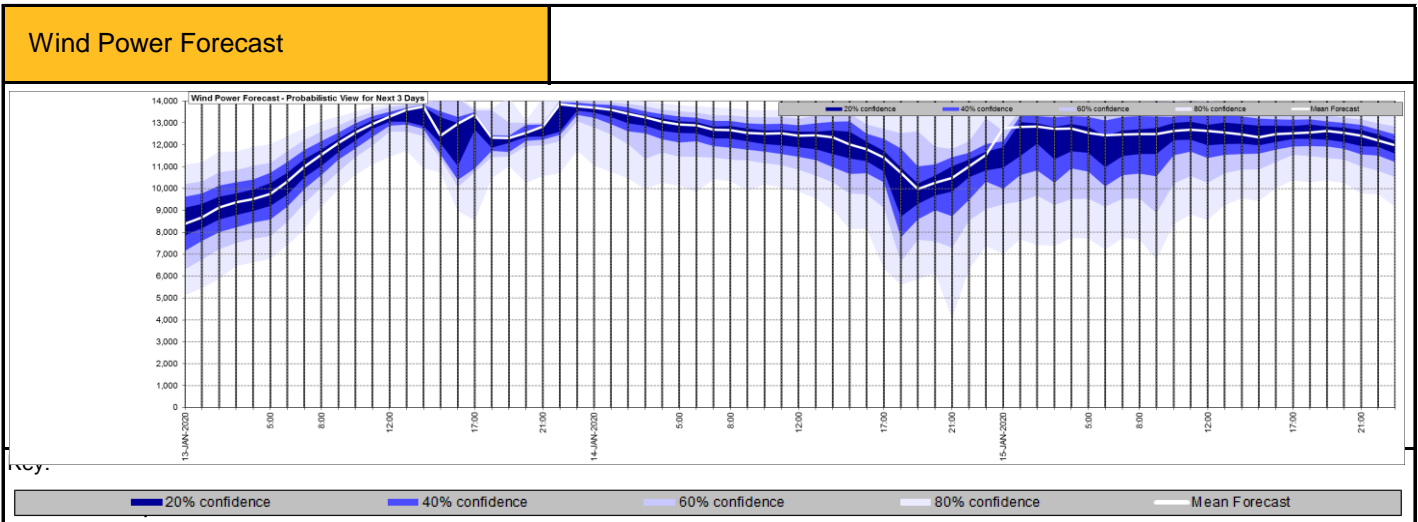
Today's High Level Risk Status Forecast for the next 24h			
General Status		Voltage	
Demand		System Inertia	
System Margins		Weather	
Generation		Transmission	
Active Constraints			

<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

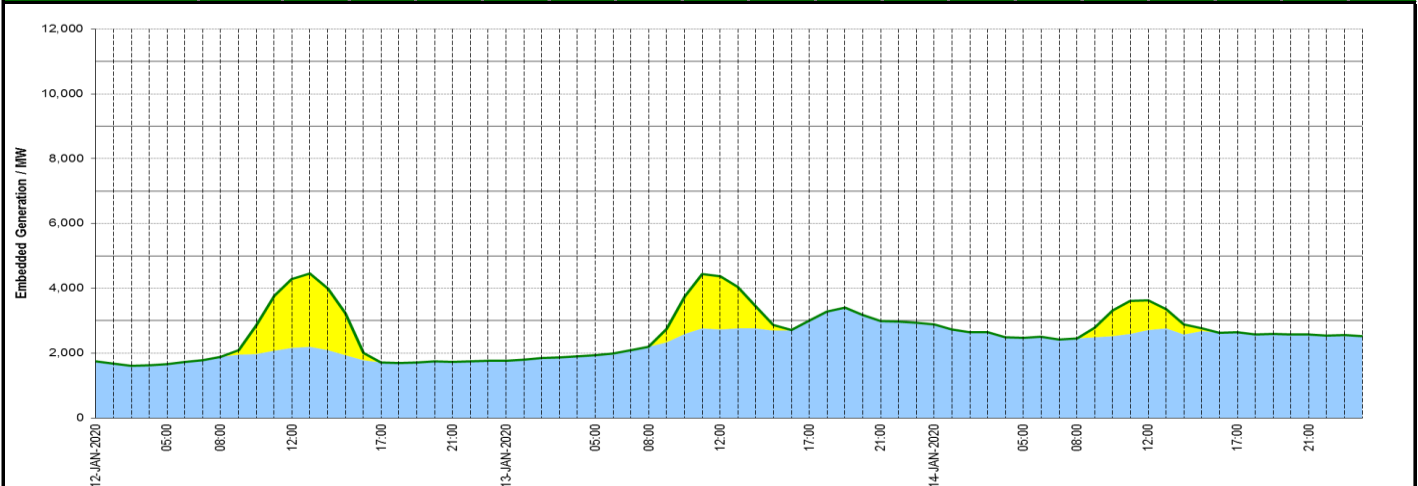
Interconnectors Net Transfer Capacity (MWs)			
Today	Import	Export	
Netherlands (BritNed)	1100	1133	Fully available
France (IFA)	2000	2000	Fully available.
Belgium (Nemo)	1013	1013	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	395	500	Partially available.



Expected embedded generation (MWs)

Embedded Generation Forecast

	12-JAN-2020					13-JAN-2020					14-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	2120	1	1	0	0	0	1649	0	0	0	0	0	910	0	0
Wind (MW)	1662	1887	2161	1709	1732	1770	1928	2192	2726	3007	2988	2879	2479	2449	2712	2652	2569
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1662	1887	4281	1710	1733	1770	1928	2192	4375	3007	2988	2879	2479	2449	3622	2652	2569



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Many parts start bright and rather cold. Thickening cloud heralds a spell of heavy rain and gales, reaching many western areas by lunchtime, with local severe gales. Rain and strong winds reach eastern parts later, showery by then further west.</p> <p>Tonight: Rain and gales clearing the east, followed by clear spells and scattered showers. Showers heaviest and most frequent in the northwest, with some hill snow and an ice risk.</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>Areas affected: East Midlands East of England London & South East England North East England North West England South West England Wales West Midlands Yorkshire & Humber 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> <p>Flood warnings 2 x Flood Warnings in England - 3 x Flood Warnings in Scotland -</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