

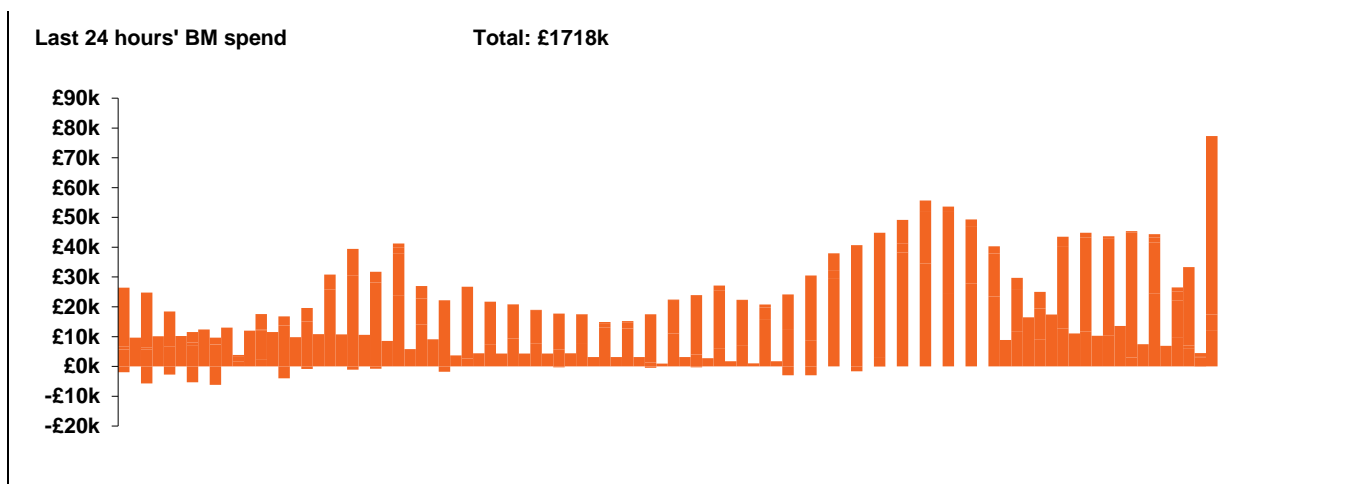
**National Electricity
Transmission System Status Report**



National Electricity Transmission System Status Report
Wednesday 29 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			

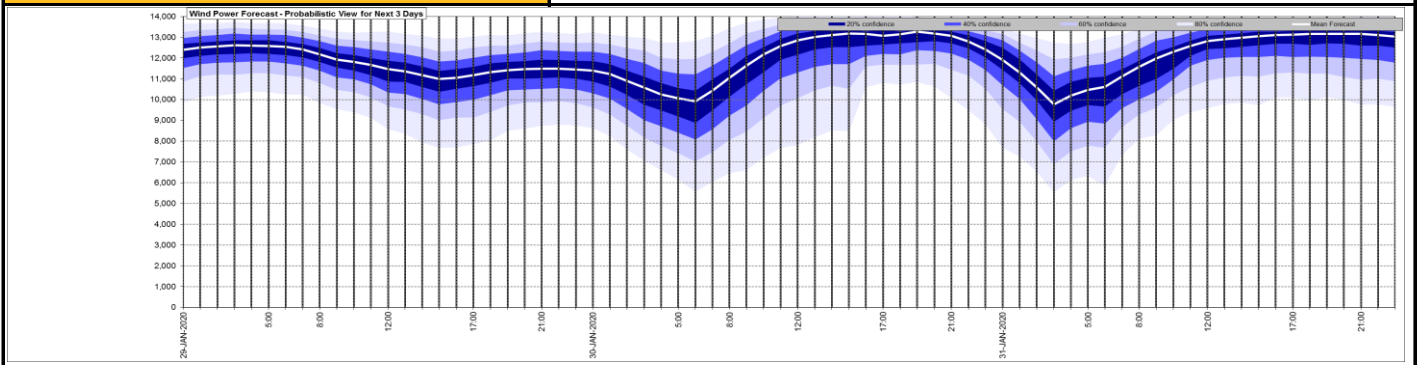
Today's Minimum De-Rated Margin	5942.61 (SP 36)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW



Yesterday's Market Summary	
Cash out price (Max)	£55.70/MWh (SP 36-37)
Cash Out Price (Min)	£0.00 /MWh (SP 10)
Peak Demand Yesterday	43,503MW

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



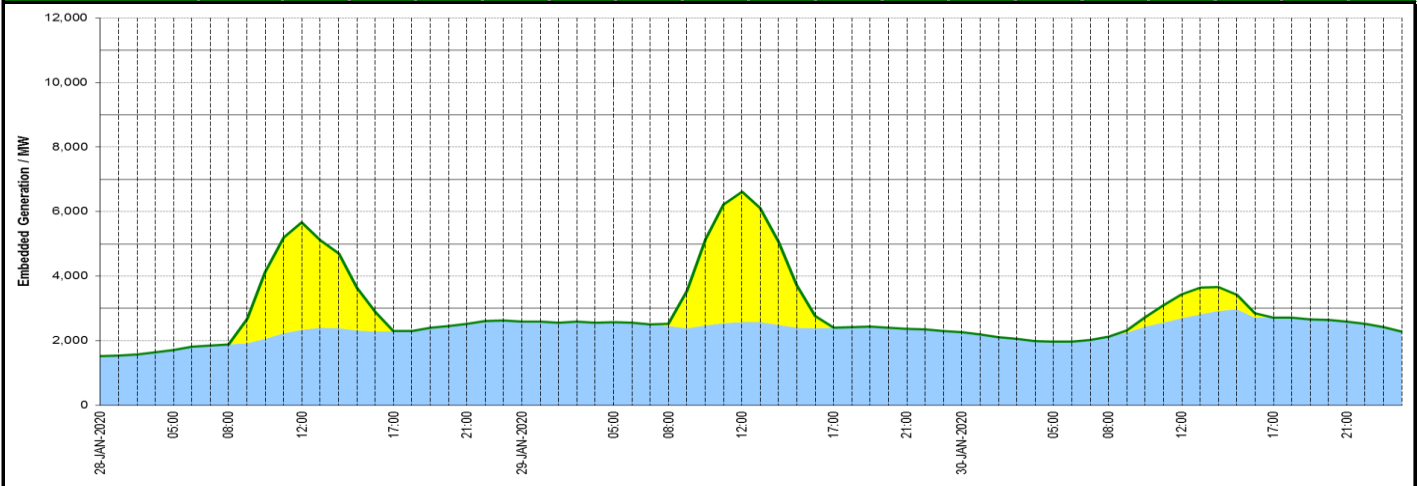
Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

	28-JAN-2020					29-JAN-2020					30-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	3	3330	12	0	0	0	82	4043	0	0	0	0	0	747	0	0
Wind (MW)	1718	1887	2331	2288	2531	2600	2574	2449	2573	2407	2368	2268	1968	2118	2688	2715	2599
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	1718	1890	5661	2300	2531	2600	2574	2531	6616	2407	2368	2268	1968	2118	3435	2715	2599



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today:</p> <p>Wintry showers in the north will be replaced by cloud, rain and hill snow, especially in Scotland. Drier and brighter conditions expected for much of England and Wales. Blustery.</p> <p>Tonight:</p> <p>Rain across the north will become more confined to northern Scotland. Patchy rain and hill fog spreading into south Wales and south-west England. Dry elsewhere. A milder night.</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</p> <p>No weather warnings are in force for the UK</p> <p>Flood warnings</p> <p>There are 0 flood warnings and 37 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