

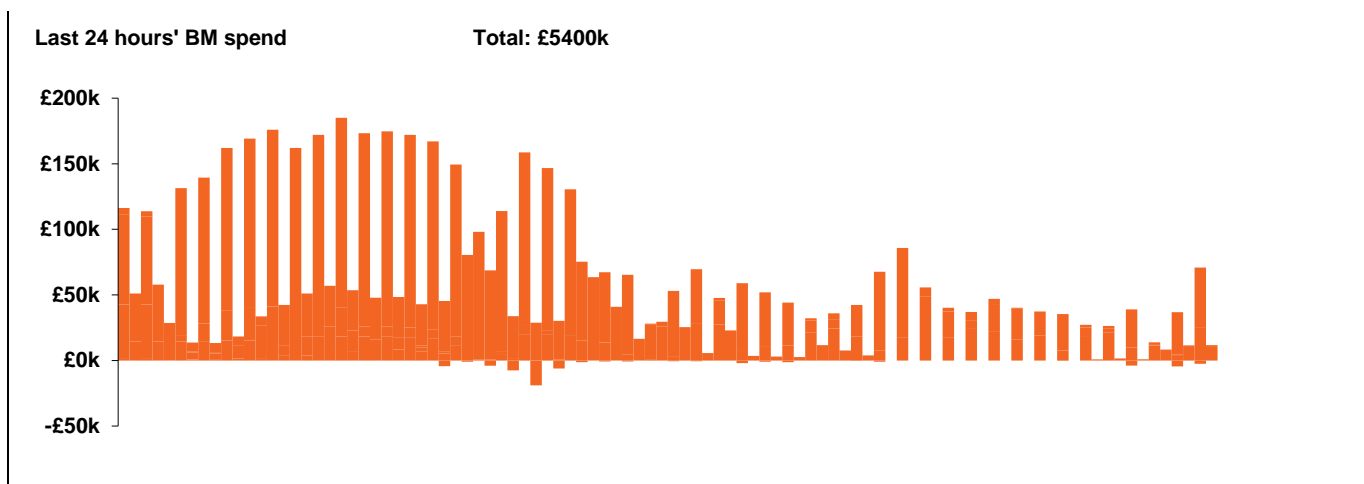
**National Electricity
Transmission System Status Report**



National Electricity Transmission System Status Report
Monday 27 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			

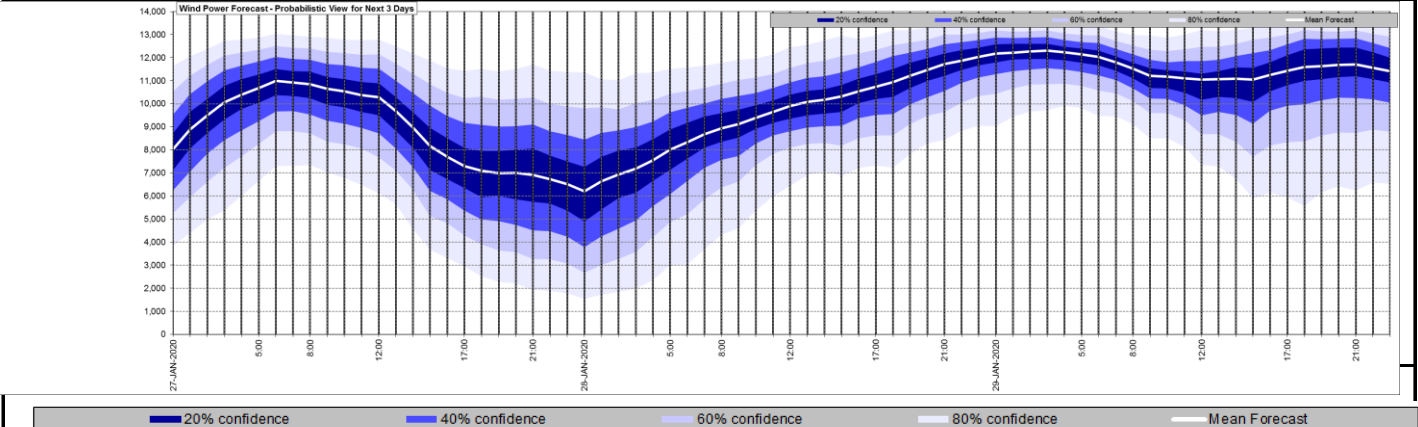
Today's Minimum De-Rated Margin	3448(SP 35)	
System Warnings	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW



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.

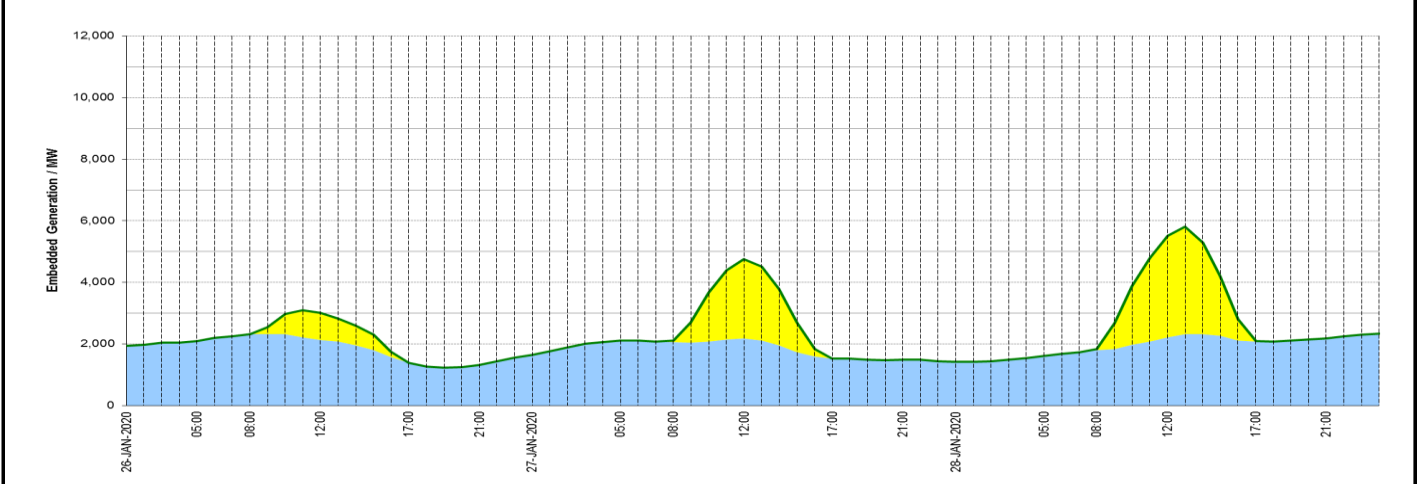
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

	26-JAN-2020					27-JAN-2020					28-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	877	2	0	0	0	43	2566	0	0	0	0	40	3298	16	0
Wind (MW)	2100	2312	2130	1393	1313	1642	2108	2069	2184	1534	1487	1423	1610	1794	2211	2075	2175
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	2100	2312	3007	1395	1313	1642	2108	2112	4750	1534	1487	1423	1610	1834	5509	2091	2175



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Frequent and often heavy wintry showers in north-west Scotland continuing throughout the day. Elsewhere showers mainly around western and southern coasts moving further inland, becoming more persistent later. Best of drier and sunnier spells in north-east England. Windy.</p> <p>Tonight: Area of rain and sleet moving across parts of Northern Ireland, southern Scotland and northern England, with snow, chiefly over hills. Clear intervals and showers elsewhere, turning wintry. Icy patches.</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 33 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