

**National Electricity
Transmission System Status Report**



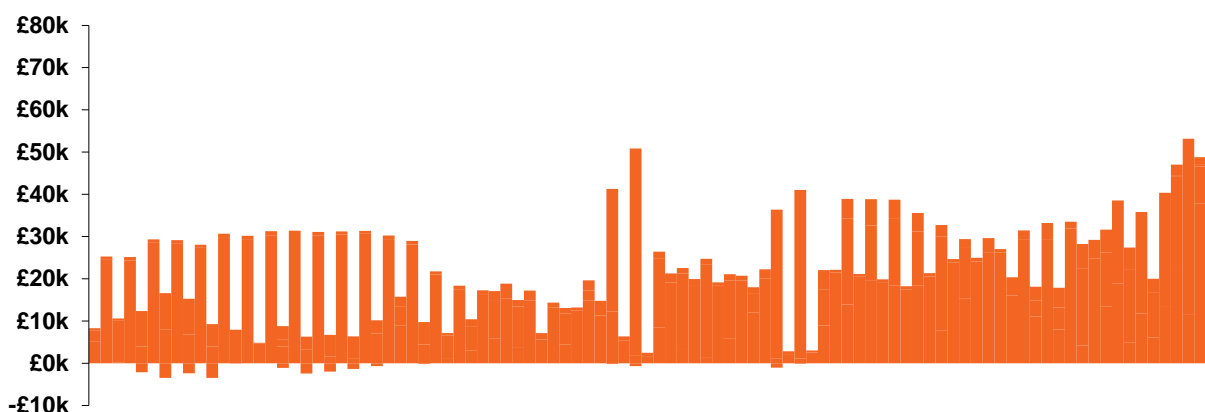
National Electricity Transmission System Status Report
Thursday 02 January 2020

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>	12895 MW (SP 34)	
<u>System Warnings</u>	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW

Balancing Costs

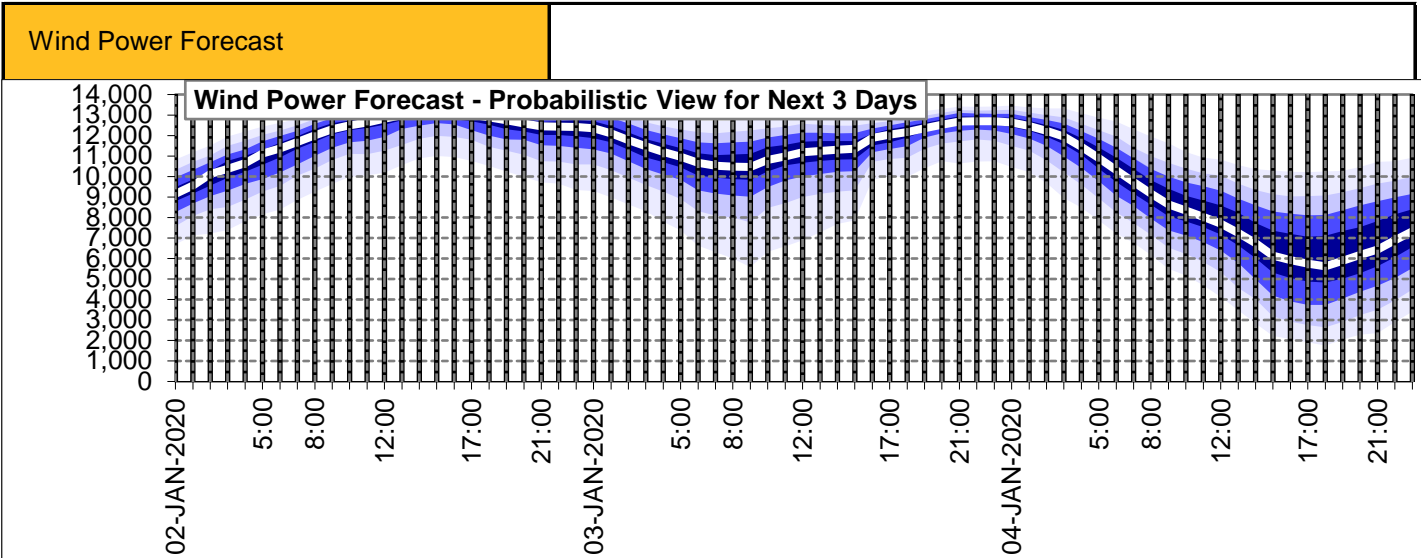
Last 24 hours' BM spend Total: £2235k



Yesterday's Market Summary

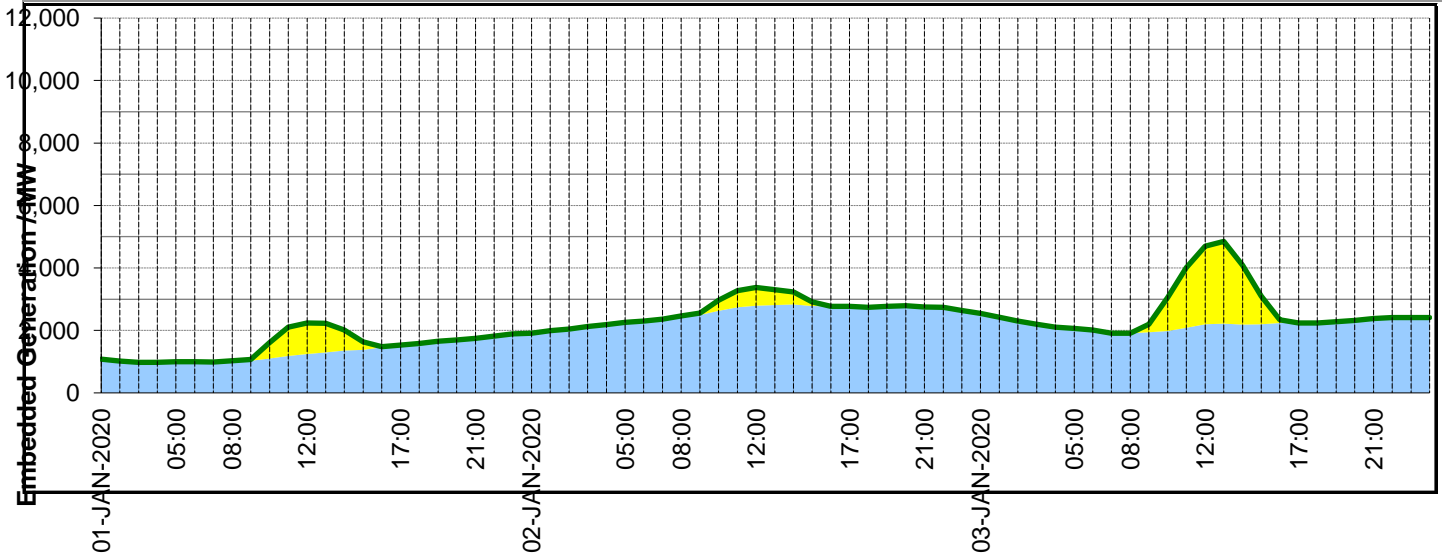
<u>Cash out price (Max)</u>	£52.00/MWh (SP 16-19, ,33,35,36)
<u>Cash Out Price (Min)</u>	£6.00/MWh (SP 11,12)
<u>Peak Demand Yesterday</u>	37,787 MW

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.



Embedded Generation Forecast

	01-JAN-2020					02-JAN-2020					03-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	989	0	0	0	0	0	579	0	0	0	0	0	2496	0	0
Wind (MW)	997	1026	1248	1529	1747	1912	2263	2463	2796	2775	2751	2544	2061	1912	2202	2243	2378
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	997	1026	2237	1529	1747	1912	2263	2463	3375	2775	2751	2544	2061	1912	4698	2243	2378



Weather	Source	Commentary
Latest forecast (Summary)	Met Office SEPA Natural Resources Wales	<p>Today: Often cloudy, although occasional breaks possible in eastern parts. Eastern, central and southern England mostly dry, but elsewhere some rain at times, especially northwest Scotland. Windy, especially over northern and southeastern Scotland.</p> <p>Tonight: Rain at times for most this evening, rain becoming confined to England and Wales overnight. Clearer skies developing over Scotland and Northern Ireland later, though with blustery showers northern Scotland..</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 England 21 Flood Warnings & 36 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