

**National Electricity  
Transmission System Status Report**



national**grid**ESO

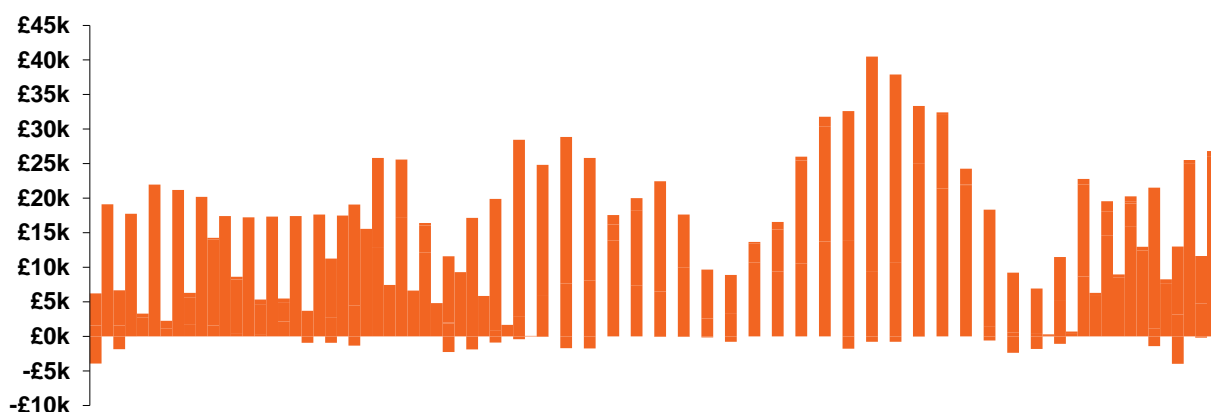
**National Electricity Transmission System Status Report**  
Wednesday 01 January 2020

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**

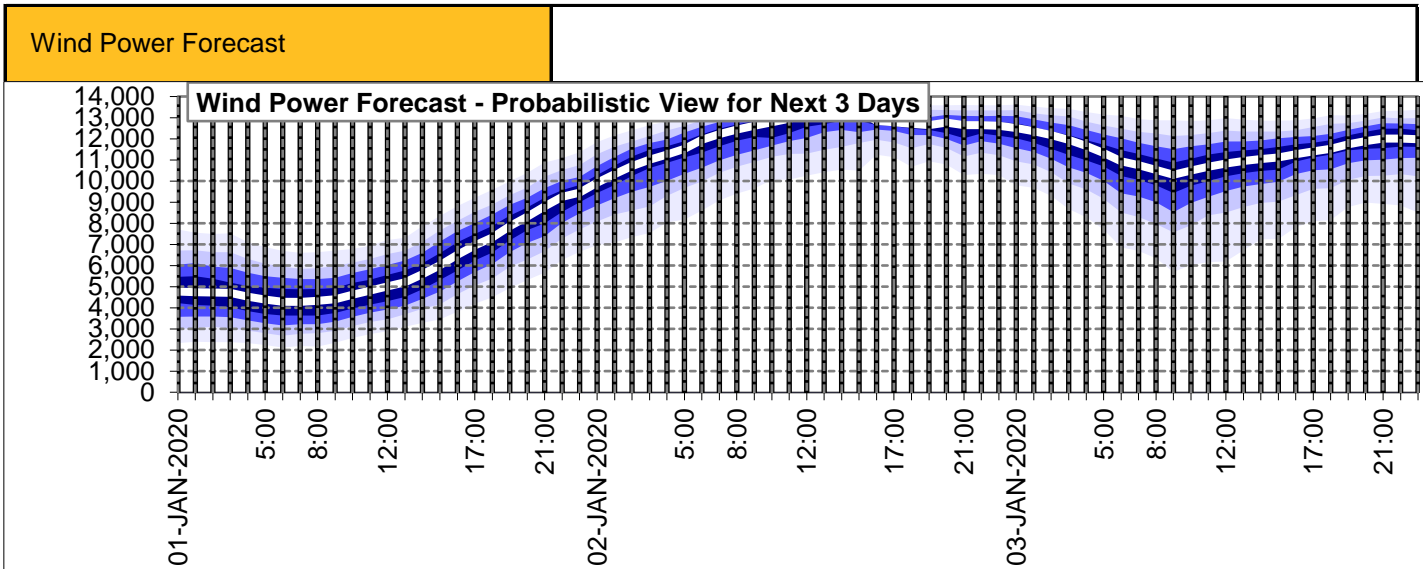
Last 24 hours' BM spend Total: £1169k



**Yesterday's Market Summary**

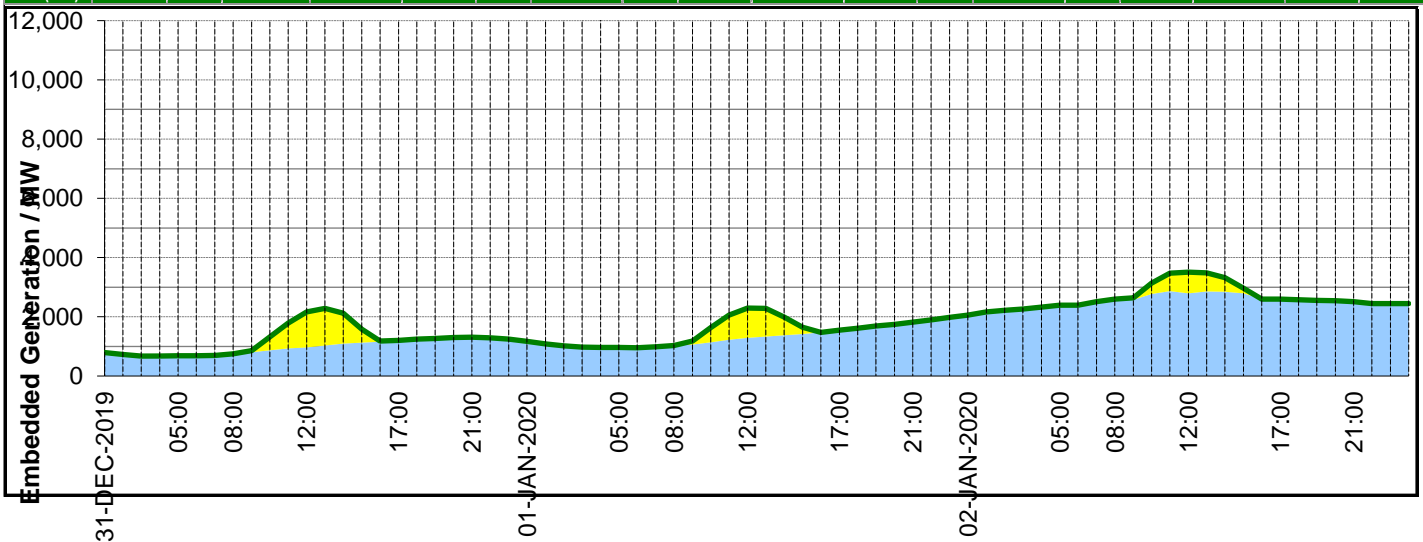
<u>Cash out price (Max)</u>	£62.53/MWh (SP 21,22)
<u>Cash Out Price (Min)</u>	£8.20/MWh (SP 2)
<u>Peak Demand Yesterday</u>	40,872 MW

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**

	31-DEC-2019					01-JAN-2020					02-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	1200	0	0	0	0	0	999	0	0	0	0	0	712	0	0
Wind (MW)	686	747	961	1202	1312	1166	964	1033	1294	1544	1818	2056	2387	2599	2795	2598	2506
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>686</b>	<b>747</b>	<b>2161</b>	<b>1202</b>	<b>1312</b>	<b>1166</b>	<b>964</b>	<b>1033</b>	<b>2293</b>	<b>1544</b>	<b>1818</b>	<b>2056</b>	<b>2387</b>	<b>2599</b>	<b>3507</b>	<b>2598</b>	<b>2506</b>



Weather	Source	Commentary
Latest forecast (Summary)	<a href="#">Met Office</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<p><b>Today:</b> Mostly dry but rather cloudy, though there should be a few breaks over Scotland, Northern Ireland and northern England. Chance of a few spots of rain over parts of the far south and southwest of England. Windy in the north</p> <p><b>Tonight:</b> Most areas dry but often rather cloudy. Windy in the north, especially northwest Scotland where cloud thickening to give spells of rain later in the night...</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	<a href="#">Met Office Weather Warnings</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<p><b>Weather warning</b> No weather warnings are in force for the UK</p> <p><b>Flood Warnings</b> England 21 Flood Warnings &amp; 40 Flood Alerts</p>

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Further Information	
BM Reports	<a href="https://www.bmreports.com">https://www.bmreports.com</a>
System Balancing Reports	<a href="https://www.nationalgrideso.com/balancing-data/system-balancing-reports">https://www.nationalgrideso.com/balancing-data/system-balancing-reports</a>
Forecast Volumes and Costs	<a href="https://www.nationalgrideso.com/balancing-data/forecast-volumes-and-costs">https://www.nationalgrideso.com/balancing-data/forecast-volumes-and-costs</a>
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