

**National Electricity  
Transmission System Status Report**

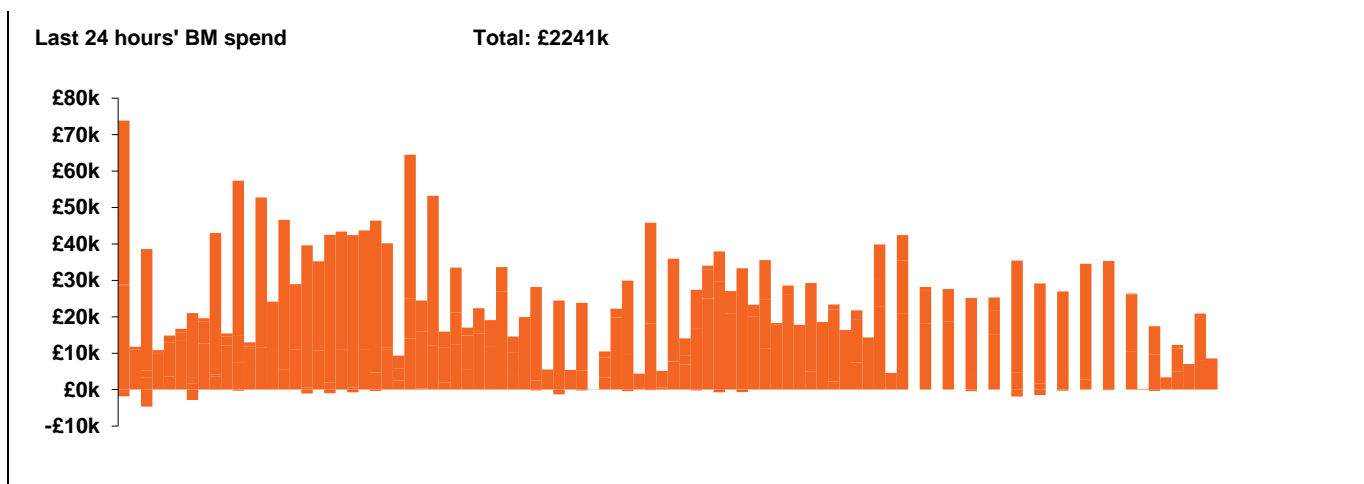


national**grid**ESO

**National Electricity Transmission System Status Report**  
Tuesday 28 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			

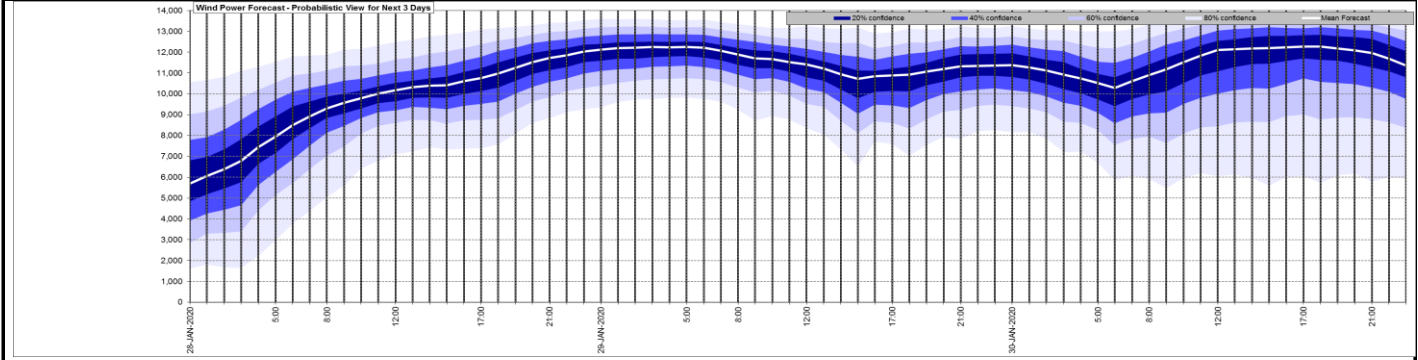
<a href="#">Today's Minimum De-Rated Margin</a>	4964.85 (SP 39)	
<a href="#">System Warnings</a>	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW



Yesterday's Market Summary	
<a href="#">Cash out price (Max)</a>	£62.75/MWh (SP 31-37 40)
<a href="#">Cash Out Price (Min)</a>	£0.00 /MWh (SP 7, 8)
<a href="#">Peak Demand Yesterday</a>	45,335MW

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



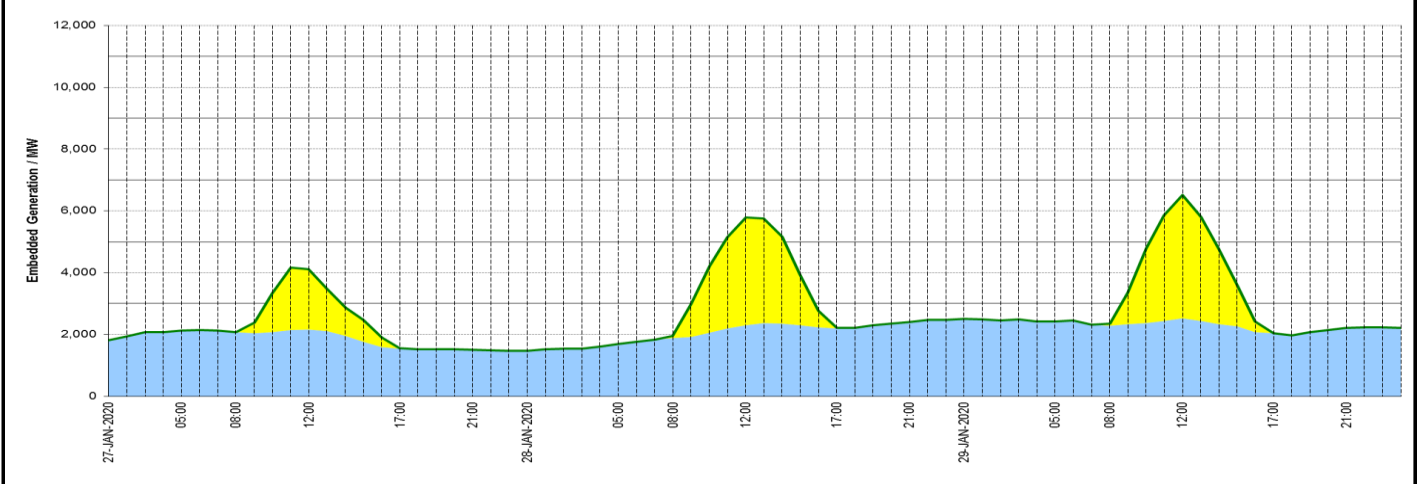
Key:

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

### Expected embedded generation (MWs)

#### Embedded Generation Forecast

	27-JAN-2020					28-JAN-2020					29-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	1950	5	0	0	0	73	3479	13	0	0	0	59	3982	0	0
Wind (MW)	2119	2080	2163	1543	1508	1474	1690	1878	2306	2202	2394	2512	2421	2290	2525	2033	2220
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>2119</b>	<b>2080</b>	<b>4113</b>	<b>1548</b>	<b>1508</b>	<b>1474</b>	<b>1690</b>	<b>1951</b>	<b>5785</b>	<b>2215</b>	<b>2394</b>	<b>2512</b>	<b>2421</b>	<b>2349</b>	<b>6507</b>	<b>2033</b>	<b>2220</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></p> <p>A cold and windy day with sunny spells and showers. The showers will be most frequent in the north and west, and wintry on higher ground with snow accumulations likely. Hail and thunder possible too.</p> <p><b>Tonight:</b></p> <p>Remaining windy tonight with wintry showers persisting in the north and west. Some snow accumulations still possible over northern hills. Clear spells for eastern Scotland and England. Ice in places.</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>UK Weather Warnings</b></p> <p><b>6</b> weather warnings            Yellow warning of snow            Yellow warning of ice</p> <p><b>Flood warnings</b></p> <p>There are 0 flood warnings and 34 Flood Alerts in England.            There are no flood warnings in Scotland and Wales.</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>
NGESO Insights	<a href="https://www.nationalgrideso.com/insights">https://www.nationalgrideso.com/insights</a>