

**National Electricity  
Transmission System Status Report**

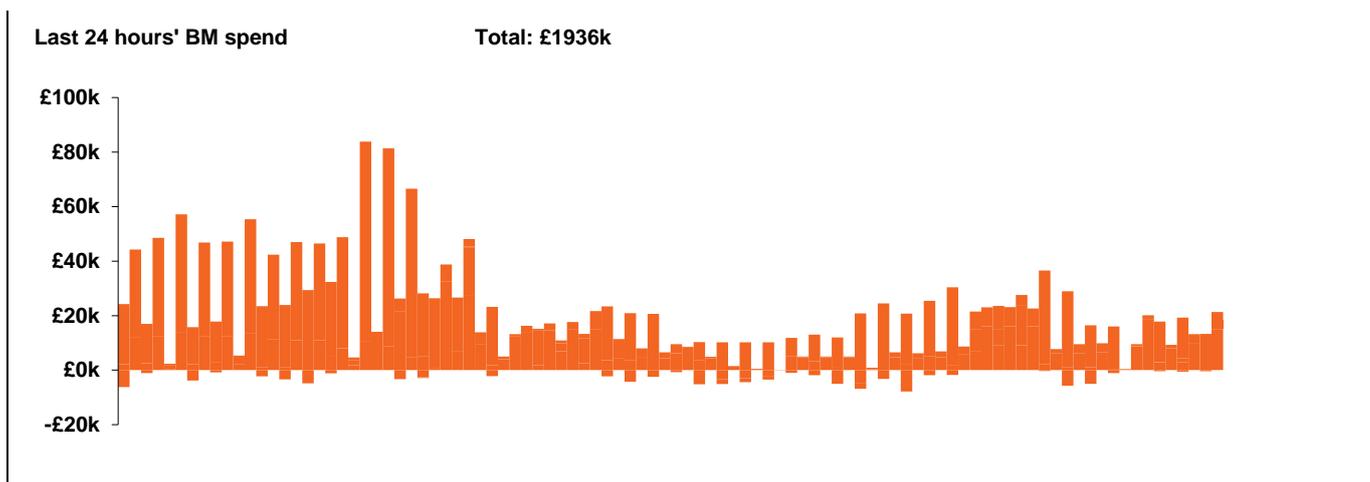


national**grid**ESO

**National Electricity Transmission System Status Report**  
Tuesday 21 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			

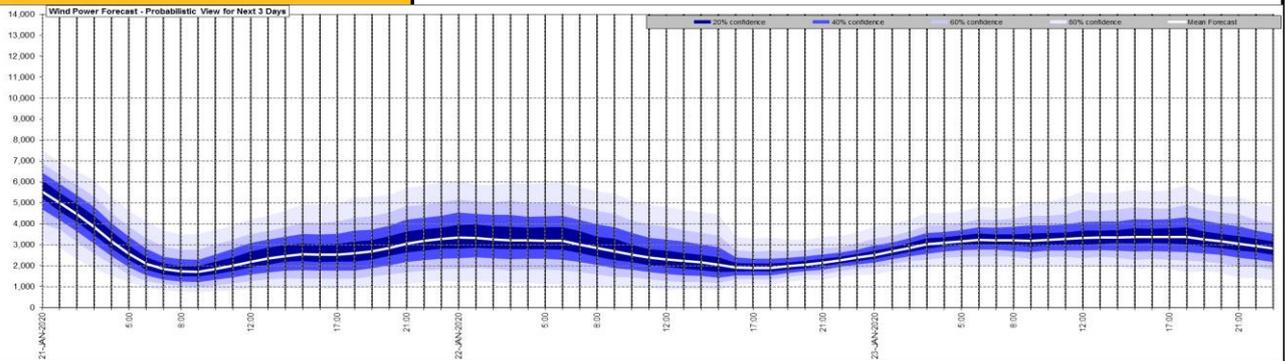
<a href="#">Today's Minimum De-Rated Margin</a>	-2214 (SP 36)	
<a href="#">System Warnings</a>	None	
Current BMU Largest Loss Risk	Generation	1260MW
	Demand	560MW



Yesterday's Market Summary	
<a href="#">Cash out price (Max)</a>	£59.50/MWh (SP 18-21)
<a href="#">Cash Out Price (Min)</a>	£2 /MWh (SP 9-10)
<a href="#">Peak Demand Yesterday</a>	42,876MW

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



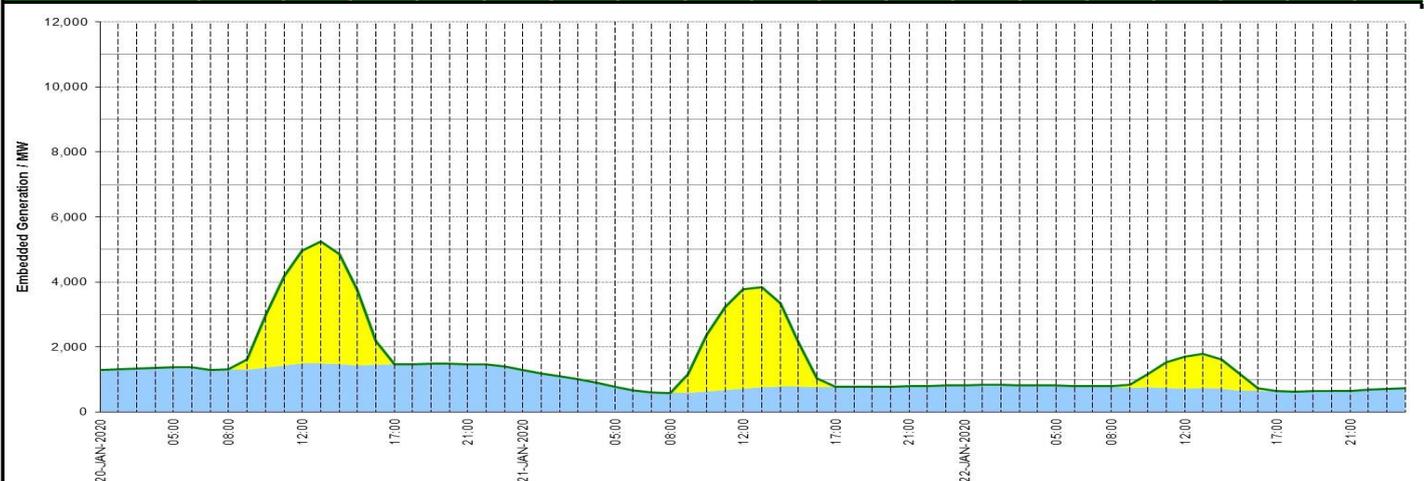
Key:

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

### Expected embedded generation (MWs)

#### Embedded Generation Forecast

	20-JAN-2020					21-JAN-2020					22-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	1	3470	4	0	0	0	0	3044	0	0	0	0	0	975	0	0
Wind (MW)	1383	1309	1499	1469	1474	1304	781	593	730	772	794	826	827	797	720	646	655
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>1383</b>	<b>1310</b>	<b>4969</b>	<b>1473</b>	<b>1474</b>	<b>1304</b>	<b>781</b>	<b>593</b>	<b>3774</b>	<b>772</b>	<b>794</b>	<b>826</b>	<b>827</b>	<b>797</b>	<b>1695</b>	<b>646</b>	<b>655</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> Fog and freezing fog patches in Wales and southern England slowly lifting today. Cloudy for much of the rest of the country with a little light rain in the northwest. East Scotland and northeast England seeing some good sunny spells.</p> <p><b>Tonight:</b> Fog forming in far south this evening, gradually clearing later in the night. Cloudy for most parts though east Scotland and northeast England seeing good clear spells. Frost in south.</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> Yellow warning of fog Areas affected: London &amp; South East England   South West England</p> <ul style="list-style-type: none"> <li>- Slower journey times with delays to bus and train services possible</li> <li>- There is a chance of delays or cancellations to flights</li> </ul> <p><b>Flood warnings</b> There is 1 flood warning and 59 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>
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