

**National Electricity  
Transmission System Status Report**

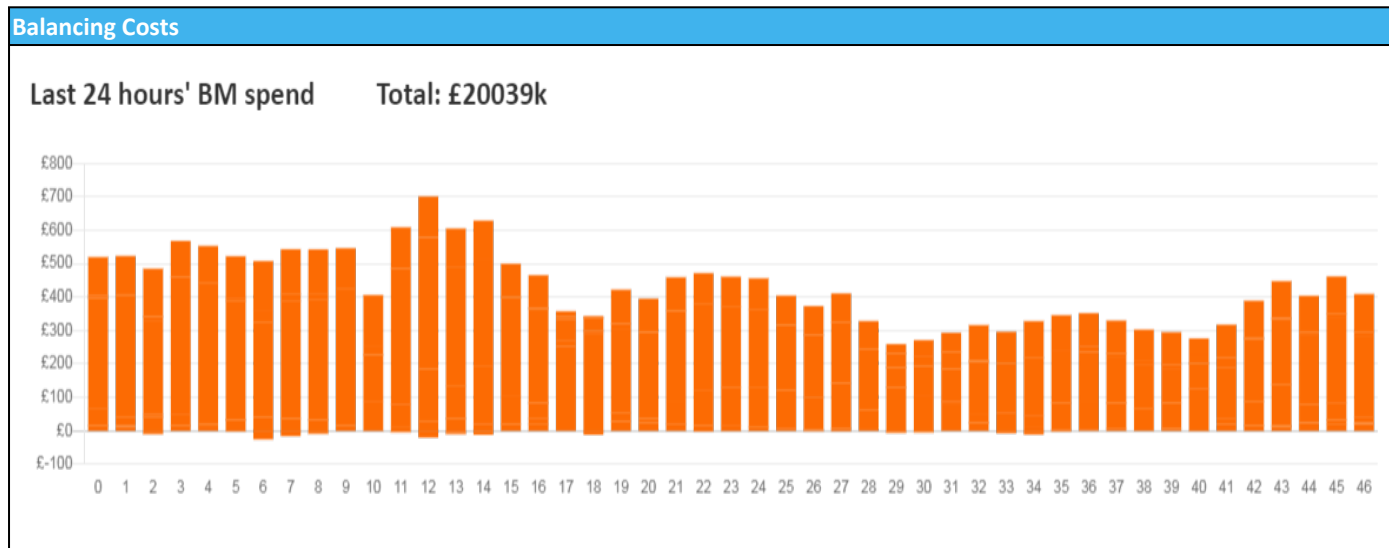


national**grid**ESO

National Electricity Transmission System Status Report  
Thursday 24 February 2022

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="#">System Warning</a>			

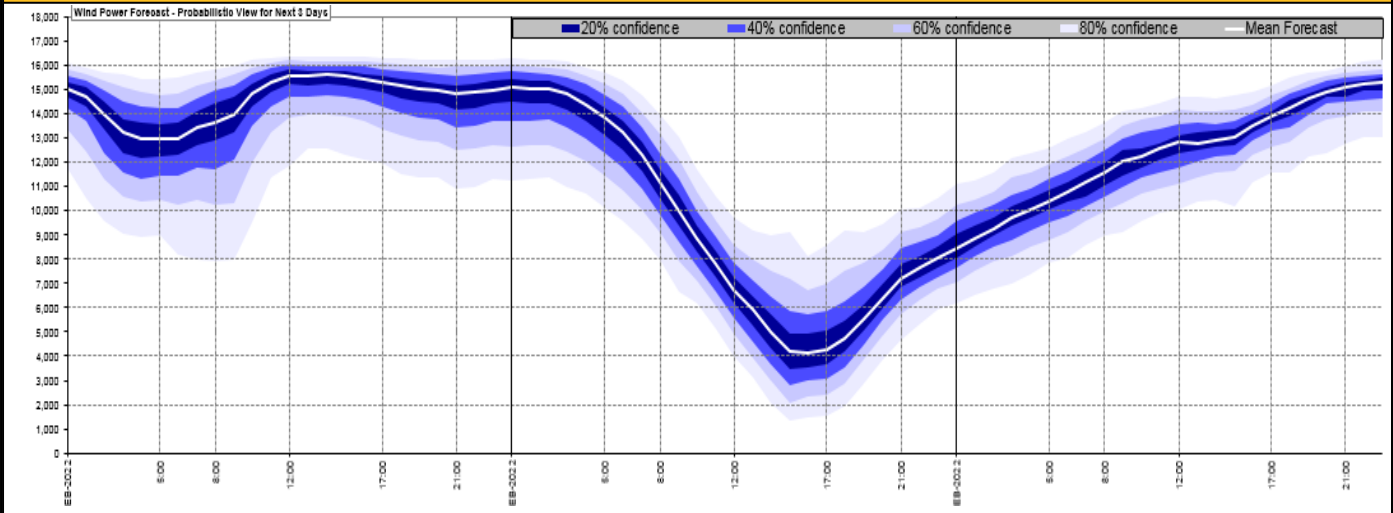
<a href="#">Today's Minimum De-Rated Margin</a>	15258 (SP 38)	
Current BMU Largest Loss Risk	Generation	1600 MW
	Demand	560 MW



Yesterday's Market Summary	
<a href="#">Cash Out Price (Max)</a>	£235.00 (SP 37&38)
<a href="#">Cash Out Price (Min)</a>	-£20 (SP20)
<a href="#">Peak Demand Yesterday</a>	40,366 MW
Minimum Demand	22,510 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1016	1016	Fully Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1020	1020	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
NSL	1064	1064	Partially Available
ElecLink	0	0	Not yet commissioned
France IFA	500	500	Partially Available

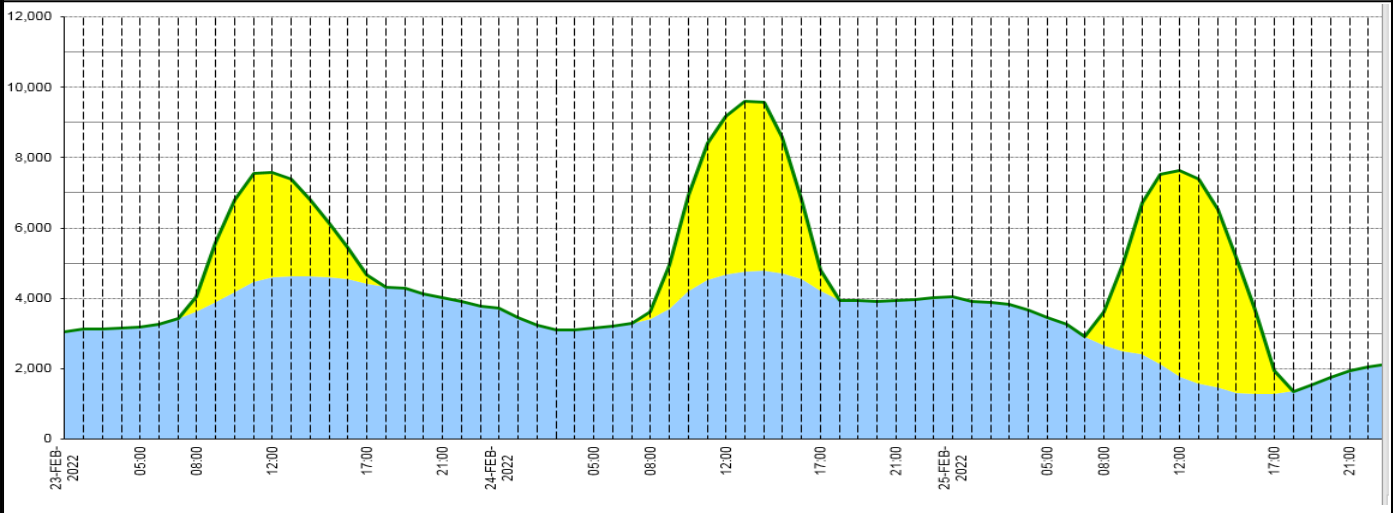
**Wind Power Forecast**



**Expected embedded generation (MWs)**

**Embedded Generation Forecast**

	23-FEB-2022					24-FEB-2022					25-FEB-2022						
	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	426	2990	256	0	0	0	212	4480	585	0	0	0	964	5864	655	0
Wind (MW)	3179	3618	4593	4414	4028	3734	3151	3404	4681	4208	3942	4056	3456	2659	1762	1287	1942
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>3179</b>	<b>4044</b>	<b>7583</b>	<b>4670</b>	<b>4028</b>	<b>3734</b>	<b>3151</b>	<b>3616</b>	<b>9161</b>	<b>4793</b>	<b>3942</b>	<b>4056</b>	<b>3456</b>	<b>3623</b>	<b>7626</b>	<b>1942</b>	<b>1942</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> Rain, heavy in places, with risk of some sleet, across southern areas clearing during the morning, then all parts cold and windy with sunny intervals and squally wintry showers. Some heavy snow showers and isolated thunderstorms in the north.</p> <p><b>Tonight:</b> Wintry showers becoming more isolated later in the night as winds ease. Clear spells developing allowing a frost and some icy patches in places.</p>
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	<a href="#">Met Office</a> <a href="#">Weather Warnings</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<p><b>UK Weather Warnings</b> Yellow warning of snow Areas affected: Central, Tayside &amp; Fife   Highlands &amp; Eilean Siar   Northern Ireland   SW Scotland, Lothian Borders   Strathclyde</p> <p>ACTIVE Started at: 17:00 GMT on Wed 23 February Ends: 20:00 GMT on Thu 24 February Frequent heavy snow showers are expected, along with very gusty winds and a chance of frequent lightning affecting some places.</p> <p>- There is a small chance of longer journey times or cancellations as road, rail, air and ferry services are affected. There is also a chance some vehicles and passengers could become stranded.</p> <p>- There is a slight chance that power cuts may occur, with the potential to affect other</p>

Weather	Source	Commentary
		<p>services, such as mobile phone coverage</p> <ul style="list-style-type: none"> <li>- There is a slight chance that some rural communities could become cut off</li> <li>- A small chance of injuries and danger to life from lightning strikes</li> <li>- Where lightning strikes occur, there is a small chance that building/structures could be damaged</li> </ul> <p>Yellow warning of lightning Areas affected: Central, Tayside &amp; Fife   Highlands &amp; Eilean Siar   Northern Ireland   SW Scotland, Lothian Borders   Strathclyde</p> <p>ACTIVE Started at: 17:00 GMT on Wed 23 February Ends: 20:00 GMT on Thu 24 February Frequent heavy snow showers are expected, along with very gusty winds and a chance of frequent lightning affecting some places.</p> <ul style="list-style-type: none"> <li>- There is a small chance of longer journey times or cancellations as road, rail, air and ferry services are affected. There is also a chance some vehicles and passengers could become stranded.</li> <li>- There is a slight chance that power cuts may occur, with the potential to affect other services, such as mobile phone coverage</li> <li>- There is a slight chance that some rural communities could become cut off</li> <li>- A small chance of injuries and danger to life from lightning strikes</li> <li>- Where lightning strikes occur, there is a small chance that building/structures could be damaged</li> </ul> <p><b>Flood Warnings</b> 1 Severe flood warning, 50 Flood warnings and 41 Flood Alerts issued for England 24 Flood Warnings and 4 Flood Alerts issued for Scotland. 0 Flood Warnings and 2 Flood Alerts issued for 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>