

# National Electricity Transmission System Status Report

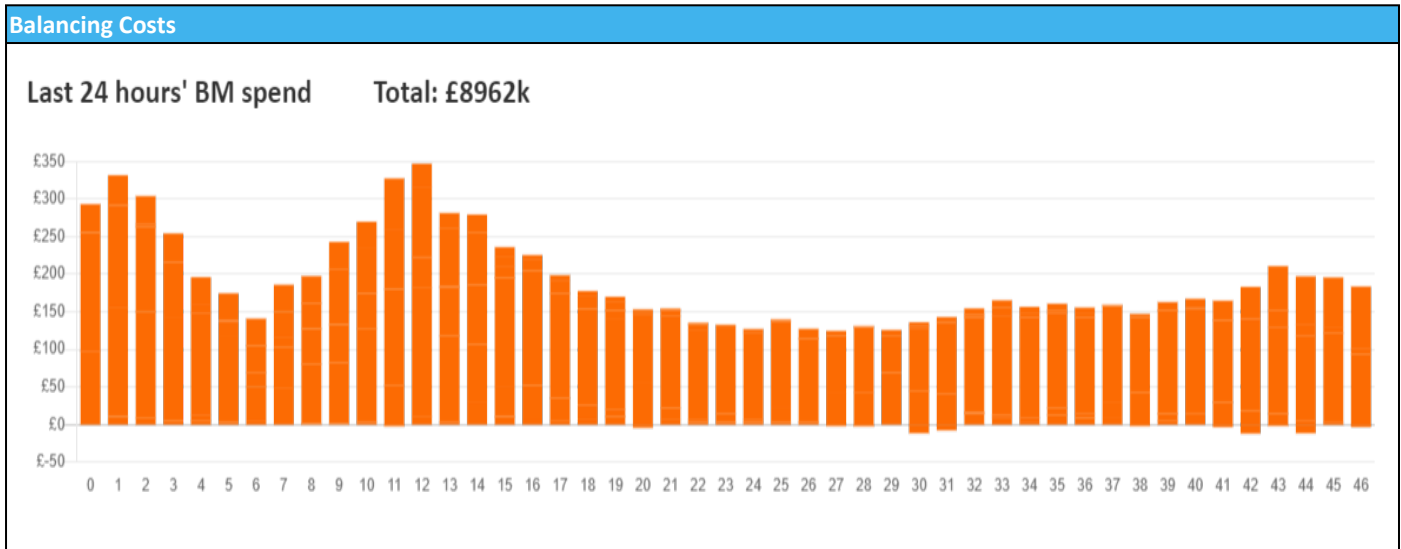


nationalgridESO

**National Electricity Transmission System Status Report**  
Tuesday 23 January 2024

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>	9,446 (SP 20)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW



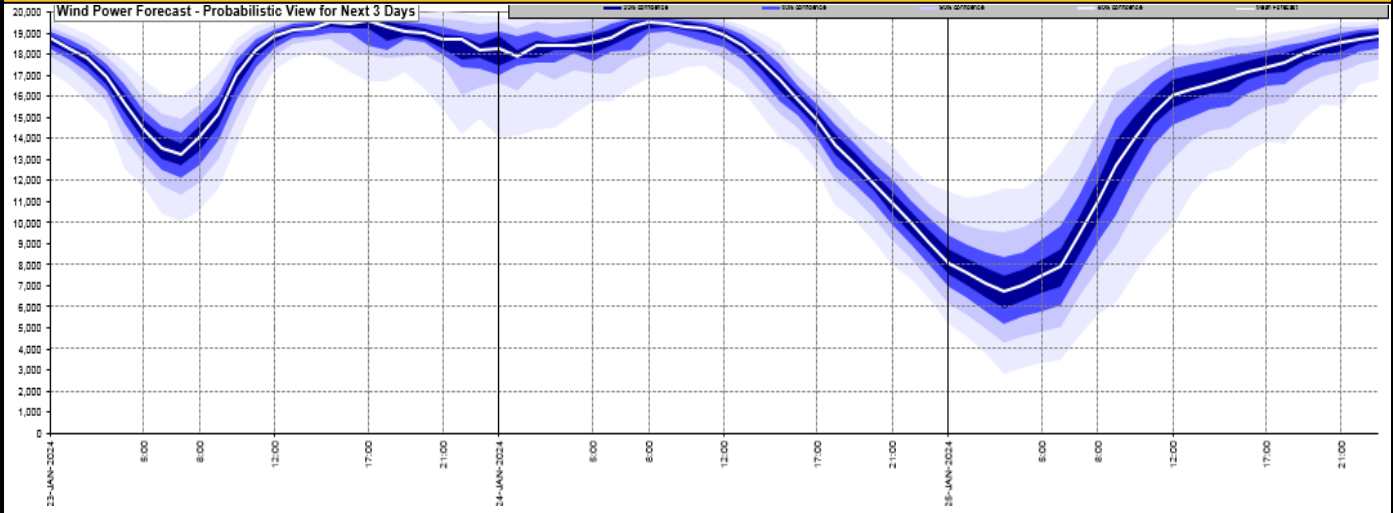
**Yesterday's Market Summary**

<a href="#">Cash Out Price (Max)</a>	£ 90 (SP 15 16)
<a href="#">Cash Out Price (Min)</a>	£ -21.5 (SP 4)
<a href="#">Peak Demand Yesterday</a>	40,087 MW
Minimum Demand	22,060 MW

**Interconnector Net Transfer Capacity (MWs)**

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	500	Fully Available
France (ElecLink)	1000	1000	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available
France (IFA2)	0	0	Unavailable
Viking Link	1430	1430	Fully Available

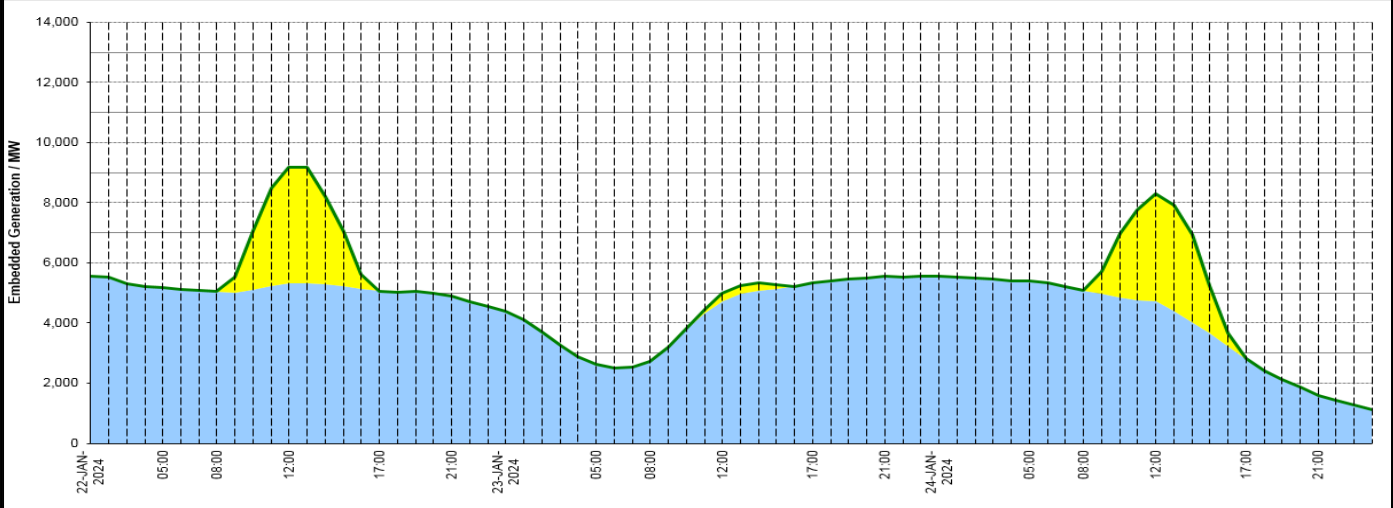
**Wind Power Forecast**



**Expected embedded generation (MWs)**

**Embedded Generation Forecast**

	22-JAN-2024					23-JAN-2024					24-JAN-2024						
	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	3859	0	0	0	0	0	249	0	0	0	0	0	3564	0	0
Wind (MW)	5194	5048	5313	5058	4895	4405	2627	2740	4734	5325	5544	5558	5395	5073	4739	2818	1597
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>5194</b>	<b>5048</b>	<b>9172</b>	<b>5058</b>	<b>4895</b>	<b>4405</b>	<b>2627</b>	<b>2740</b>	<b>4983</b>	<b>5325</b>	<b>5544</b>	<b>5558</b>	<b>5395</b>	<b>5073</b>	<b>8303</b>	<b>2818</b>	<b>1597</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> A dry start in the east, but wind and rain across the west will quickly spread to all areas during the morning. A wet and windy afternoon to come, the rain heavy in the north and west. Very mild.</p> <p><b>Tonight:</b> Rain clearing this evening, to leave a mixture of clear spells and heavy showers across the country. Staying windy, with gales across the UK and severe gales in the north.</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 ice Areas affected: Central, Tayside &amp; Fife   Grampian   Highlands &amp; Eilean Siar</p> <p>ACTIVE started at: 23:00 GMT on Mon 22 January Ends: 09:00 GMT on Tue 23 January Icy stretches bringing some difficult driving conditions</p> <ul style="list-style-type: none"> <li>- Some injuries from slips and falls on icy surfaces</li> <li>- Probably some icy stretches on some untreated roads, pavements and cycle paths</li> </ul> <p>Issued at: 22:22 GMT on Mon 22 January Yellow warning of rain Areas affected: Central, Tayside &amp; Fife   Highlands &amp; Eilean Siar   SW Scotland, Lothian</p>

Weather	Source	Commentary
<div style="background-color: #FFC000; width: 100%; height: 100%;"></div>		<p>Borders   Strathclyde</p> <p>Starts: 07:00 GMT on Tue 23 January Ends: 18:00 GMT on Tue 23 January Heavy rain associated with Storm Jocelyn may cause some flooding and disruption to travel</p> <ul style="list-style-type: none"> <li>- Bus and train services probably affected with journey times taking longer</li> <li>- Spray and flooding on roads probably making journey times longer</li> </ul> <p>Issued at: 11:48 GMT on Mon 22 January Yellow warning of rain Areas affected: North West England   Yorkshire &amp; Humber</p> <p>Starts: 11:00 GMT on Tue 23 January Ends: 19:00 GMT on Tue 23 January A period of heavy rain, associated with Storm Jocelyn, could result in the flooding of a few places</p> <ul style="list-style-type: none"> <li>- Bus and train services probably affected with journey times taking longer</li> <li>- Spray and flooding on roads probably making journey times longer</li> <li>- Flooding of a few homes and businesses is likely</li> </ul> <p>Issued at: 12:06 GMT on Mon 22 January Yellow warning of wind Areas affected: East Midlands   East of England   London &amp; South East England   North East England   South West England   Wales   West Midlands   Yorkshire &amp; Humber</p> <p>Starts: 12:00 GMT on Tue 23 January Ends: 15:00 GMT on Wed 24 January A spell of strong winds associated with Storm Jocelyn is expected to affect the area leading to some localised disruption.</p> <ul style="list-style-type: none"> <li>- Some delays to road, rail, air and ferry transport expected</li> <li>- Some bus and train services affected, with some journeys taking longer</li> <li>- Delays for high-sided vehicles on exposed routes and bridges</li> <li>- Coastal routes, sea fronts and coastal communities will be affected by spray and/or large waves</li> </ul> <p>Issued at: 12:01 GMT on Mon 22 January Yellow warning of wind Areas affected: Central, Tayside &amp; Fife   East Midlands   Grampian   Highlands &amp; Eilean Siar   North East England   North West England   Northern Ireland   Orkney &amp; Shetland   SW Scotland, Lothian Borders   Strathclyde   Wales   West Midlands   Yorkshire &amp; Humber</p> <p>Starts: 16:00 GMT on Tue 23 January Ends: 13:00 GMT on Wed 24 January Strong winds are expected in association with Storm Jocelyn, leading to possible disruption to travel and utilities.</p> <ul style="list-style-type: none"> <li>- Road, rail, air and ferry services may be affected, with longer journey times and cancellations possible</li> <li>- Some roads and bridges may close, often blocked by fallen trees and other debris.</li> <li>- Power cuts may occur, with the potential to affect other services, such as mobile phone coverage</li> <li>- Some damage to buildings, such as tiles blown from roofs, could happen</li> <li>- Any remaining recovery efforts off the back of Storm Isha are likely to be hampered.</li> <li>- There is a chance of Injuries and danger to life from large waves and beach material being thrown onto sea fronts, coastal roads and properties</li> </ul> <p>Issued at: 09:59 GMT on Sat 20 January Last updated: 17 hours ago Last updated: 17 hours ago</p> <p>Amber warning of wind Areas affected: Grampian   Highlands &amp; Eilean Siar   Orkney &amp; Shetland   Strathclyde</p>

Weather	Source	Commentary
		<p>Starts: 18:00 GMT on Tue 23 January Ends: 08:00 GMT on Wed 24 January</p> <p>A spell of strong winds associated with Storm Jocelyn is expected to affect western and northern Scotland from Tuesday evening.</p> <ul style="list-style-type: none"> <li>- Probably some damage to buildings, such as tiles blown from roofs</li> <li>- Longer journey times and cancellations likely, as road, rail, air and ferry services may be affected</li> <li>- Some roads and bridges likely to close</li> <li>- There is a good chance that power cuts may occur, with the potential to affect other services, such as mobile phone coverage</li> <li>- Injuries and danger to life is likely from large waves and beach material being thrown onto coastal roads, sea fronts and properties</li> </ul> <p>Issued at: 12:02 GMT on Mon 22 January</p> <p><b>Flood Warnings</b></p> <p>17 flood warnings and 87 flood alerts issued for England.</p> <p>16 flood warnings and 10 flood alerts issued for Scotland.</p> <p>0 flood warning and 5 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/industry-information/industry-data-and-reports/system-balancing-reports">https://www.nationalgrideso.com/industry-information/industry-data-and-reports/system-balancing-reports</a>
Forecast Volumes and Costs	<a href="https://www.nationalgrideso.com/industry-information/industry-data-and-reports/forecast-volumes-and-costs">https://www.nationalgrideso.com/industry-information/industry-data-and-reports/forecast-volumes-and-costs</a>