

# National Electricity Transmission System Status Report

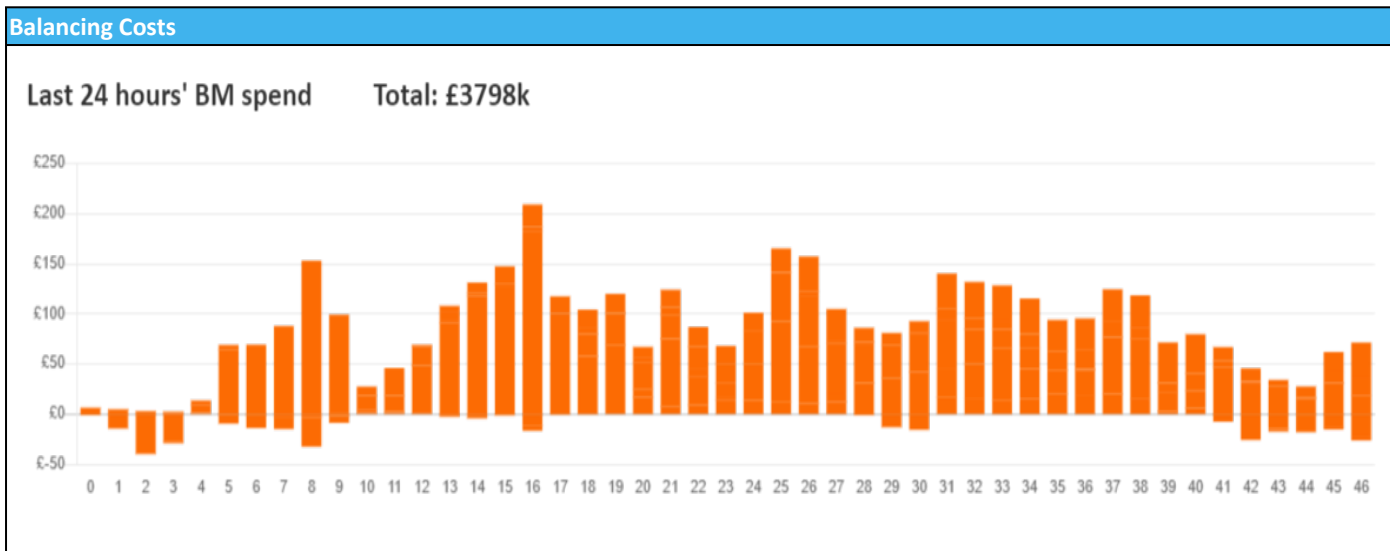


nationalgridESO

National Electricity Transmission System Status Report  
Friday 19 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>	12,050 (SP 37)	
Current BMU Largest Loss Risk	Generation	1400 MW
	Demand	560 MW



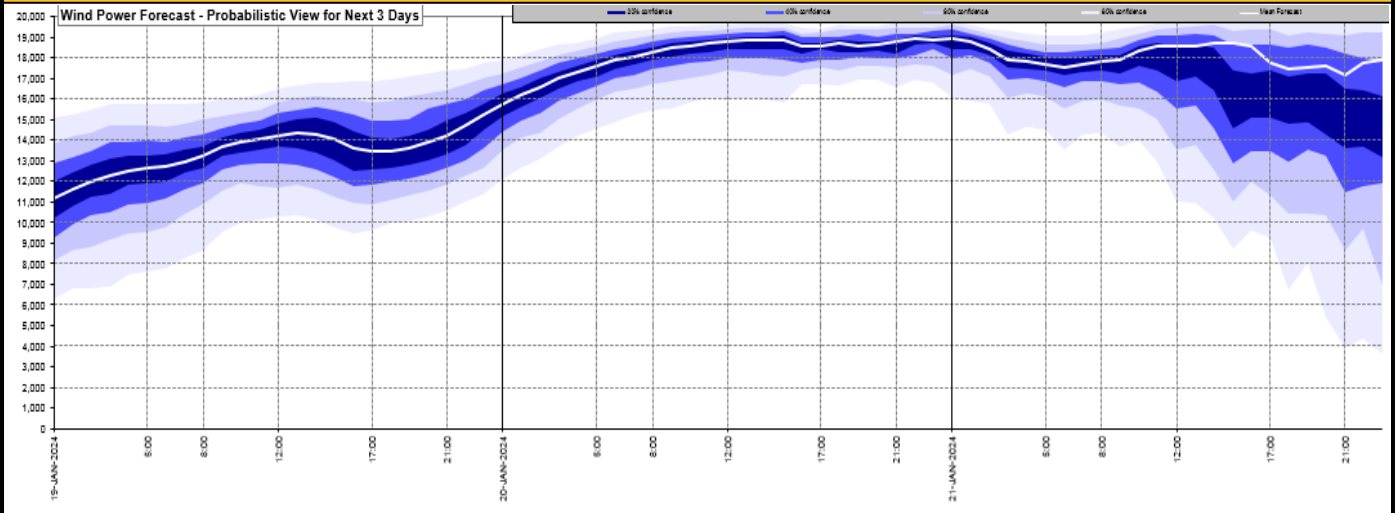
**Yesterday's Market Summary**

<a href="#">Cash Out Price (Max)</a>	£ 135.00 (SP 10)
<a href="#">Cash Out Price (Min)</a>	£ 35.00 (SP 47)
<a href="#">Peak Demand Yesterday</a>	47,471 MW
Minimum Demand	27,211 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	1400	800	Restricted

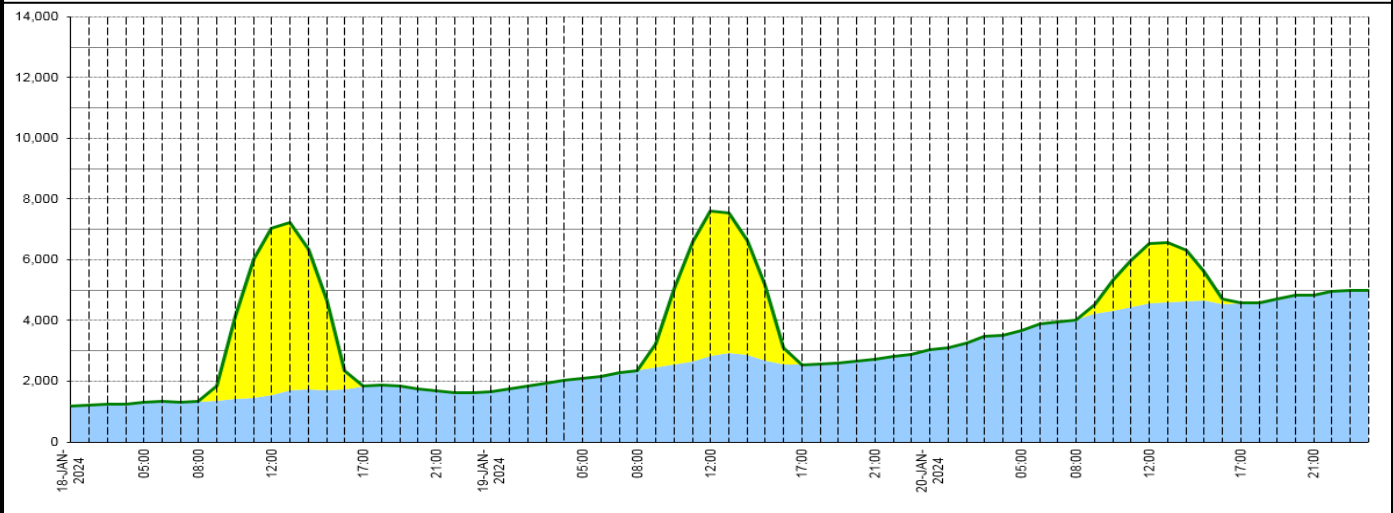
**Wind Power Forecast**



**Expected embedded generation (MWs)**

**Embedded Generation Forecast**

	18-JAN-2024					19-JAN-2024					20-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	5492	0	0	0	0	0	4769	0	0	0	0	0	1970	0	0
Wind (MW)	1315	1327	1542	1837	1672	1656	2095	2353	2823	2541	2731	3025	3673	4023	4573	4570	4822
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>1315</b>	<b>1327</b>	<b>7034</b>	<b>1837</b>	<b>1672</b>	<b>1656</b>	<b>2095</b>	<b>2353</b>	<b>7592</b>	<b>2541</b>	<b>2731</b>	<b>3025</b>	<b>3673</b>	<b>4023</b>	<b>6543</b>	<b>4570</b>	<b>4822</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 frosty start for many with some fog patches around. Cloudy across Scotland with rain and snow, although snow mostly confined to high ground by late morning. Elsewhere a mostly sunny day, but feeling cold, especially as winds strengthen later.</p> <p><b>Tonight:</b> Winds strengthening in the west and cloud thickens as rain approaches later in the evening. Elsewhere dry and clear with some fog and frosty patches, mainly in the southeast.</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: North West England   South West England   Wales   West Midlands   Yorkshire &amp; Humber</p> <p>ACTIVEStarted at: 18:00 GMT on Thu 18 JanuaryEnds: 10:00 GMT on Fri 19 January Icy patches may lead to some travel disruption.</p> <ul style="list-style-type: none"> <li>- Some injuries from slips and falls on icy surfaces</li> <li>- Probably some icy patches on some untreated roads, pavements and cycle paths</li> </ul> <p>Issued at: 14:07 GMT on Thu 18 January Last updated: 20 minutes agoLast updated: 20 minutes ago</p>

Weather	Source	Commentary
		<p>Yellow warning of ice Areas affected: Northern Ireland</p> <p>ACTIVE Started at: 00:00 GMT on Fri 19 January Ends: 10:00 GMT on Fri 19 January Icy surfaces leading to some hazardous travel conditions</p> <ul style="list-style-type: none"> <li>- Some injuries from slips and falls on icy surfaces</li> <li>- Probably some icy patches on some untreated roads, pavements and cycle paths</li> </ul> <p>Issued at: 16:02 GMT on Wed 17 January Last updated: 2 days ago Last updated: 2 days ago</p>
		<p>Yellow warning of snow and ice Areas affected: Central, Tayside &amp; Fife   Grampian   Highlands &amp; Eilean Siar   Orkney &amp; Shetland   Strathclyde</p> <p>ACTIVE Started at: 00:00 GMT on Fri 19 January Ends: 15:00 GMT on Fri 19 January Further snow, as well as the threat of icy patches, will bring further disruption on Friday.</p> <ul style="list-style-type: none"> <li>- Some roads and railways affected with longer journey times by road, bus and train services</li> <li>- Some injuries from slips and falls on icy surfaces</li> <li>- Icy patches on some untreated roads, pavements and cycle paths</li> </ul> <p>Issued at: 10:42 GMT on Wed 17 January Last updated: 17 hours ago Last updated: 17 hours ago</p>
		<p>Yellow warning of snow and ice Areas affected: Central, Tayside &amp; Fife   SW Scotland, Lothian Borders   Strathclyde</p> <p>ACTIVE Started at: 00:00 GMT on Fri 19 January Ends: 12:00 GMT on Fri 19 January Wintry showers bringing some disruption to transport and travel.</p> <ul style="list-style-type: none"> <li>- Some roads and railways likely to be affected with longer journey times by road, bus and train services</li> <li>- Some injuries from slips and falls on icy surfaces</li> <li>- Probably some icy patches on some untreated roads, pavements and cycle paths</li> </ul> <p>Issued at: 23:01 GMT on Thu 18 January</p>
		<p>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   South West England   Strathclyde   Wales   West Midlands   Yorkshire &amp; Humber</p> <p>Starts: 06:00 GMT on Sun 21 January Ends: 06:00 GMT on Mon 22 January Strong winds may bring disruption to travel and utilities across parts of the UK on Sunday and early Monday.</p> <ul style="list-style-type: none"> <li>- There is a small chance of injuries and danger to life from flying debris</li> <li>- There is a slight chance of some damage to buildings, such as tiles blown from roofs</li> <li>- There is a small chance of longer journey times or cancellations as road, rail, air and ferry services are affected</li> <li>- There is a small chance that some roads and bridges could close</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 small chance that injuries and danger to life could occur from large waves and beach material being thrown onto sea fronts, coastal roads and properties</li> </ul> <p>Issued at: 10:33 GMT on Wed 17 January Last updated: 18 hours ago Last updated: 18 hours ago</p>

Weather	Source	Commentary
		<p>Yellow warning of rain Areas affected: North East England   North West England   Yorkshire &amp; Humber</p> <p>Starts: 06:00 GMT on Sun 21 January Ends: 06:00 GMT on Mon 22 January Heavy rain likely to lead to disruption from flooding across parts of northern England on Sunday and early Monday.</p> <ul style="list-style-type: none"> <li>- Flooding of a few homes and businesses is likely</li> <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>- Some interruption to power supplies and other services likely</li> </ul> <p>Issued at: 11:15 GMT on Thu 18 January Yellow warning of rain Areas affected: Wales</p> <p>Starts: 06:00 GMT on Sun 21 January Ends: 06:00 GMT on Mon 22 January Heavy rain is likely to lead to disruption from flooding across parts of Wales on Sunday and early Monday.</p> <ul style="list-style-type: none"> <li>- Flooding of a few homes and businesses is likely</li> <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>- Some interruption to power supplies and other services likely</li> </ul> <p>Issued at: 11:15 GMT on Thu 18 January Yellow warning of rain Areas affected: Central, Tayside &amp; Fife   Grampian   Highlands &amp; Eilean Siar   SW Scotland, Lothian Borders   Strathclyde</p> <p>Starts: 12:00 GMT on Sun 21 January Ends: 23:59 GMT on Sun 21 January Heavy rain will lead to some flooding and transport disruption on Sunday.</p> <ul style="list-style-type: none"> <li>- Where flooding occurs, there is a slight chance of delays or cancellations to train and bus services</li> <li>- Spray and flooding could lead to difficult driving conditions and some road closures</li> <li>- There is a small chance that homes and businesses could be flooded, causing damage to some buildings</li> </ul> <p>Issued at: 11:53 GMT on Thu 18 January</p>
		<p><b>Flood Warnings</b> 13 flood warnings and 59 flood alerts issued for England.</p> <p>0 flood warnings and 0 flood alerts issued for Scotland.</p>
		<p>0 flood warning and 0 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>