

# National Electricity Transmission System Status Report

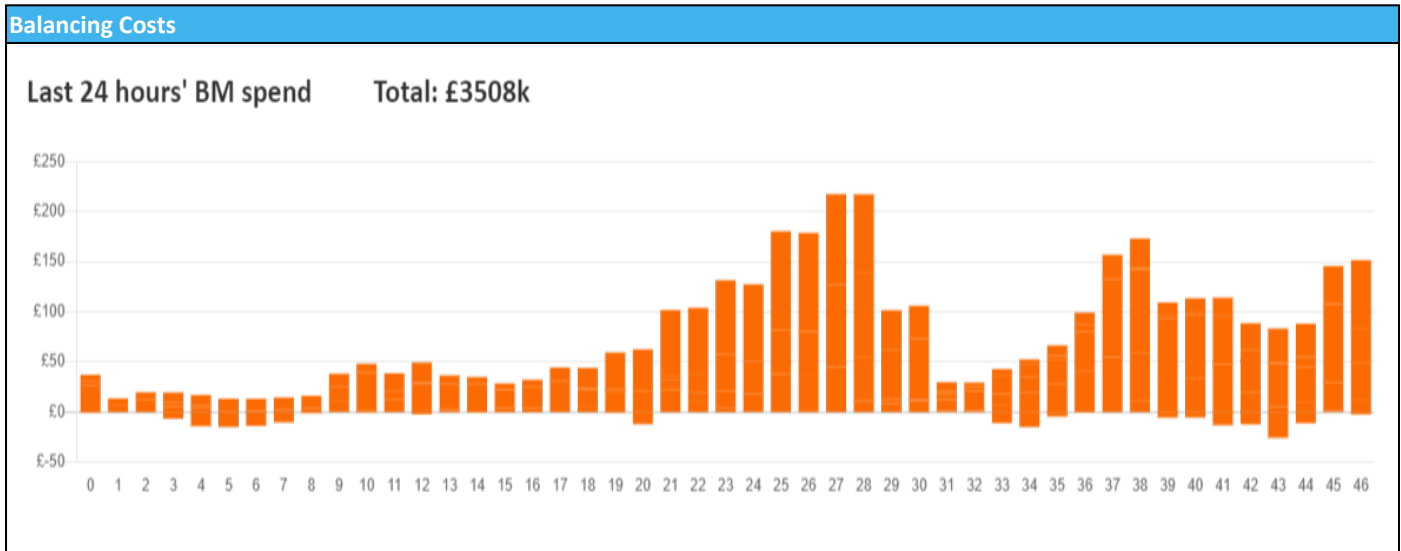


nationalgridESO

**National Electricity Transmission System Status Report**  
Sunday 12 May 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>	16,868 (SP 47)	
Current BMU Largest Loss Risk	Generation	1600 MW
	Demand	560 MW



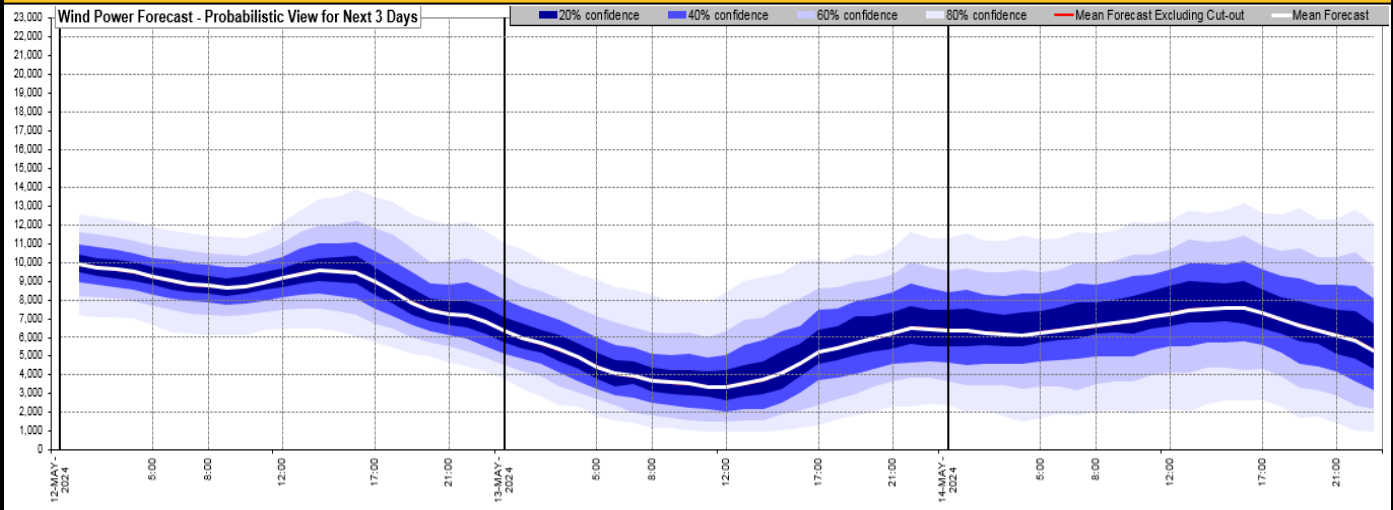
**Yesterday's Market Summary**

<a href="#">Cash Out Price (Max)</a>	£110.00 (SP 40)
<a href="#">Cash Out Price (Min)</a>	£-91.82 (SP 27)
<a href="#">Peak Demand Yesterday</a>	26,502 MW
Minimum Demand	17,541 MW

**Interconnector Net Transfer Capacity (MWs)**

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
France (IFA)	1000	1000	Partially 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)	1014	1014	Fully Available
Viking Link	1400	1400	Fully Available
Ireland (GreenLink)	0	0	Not yet commissioned

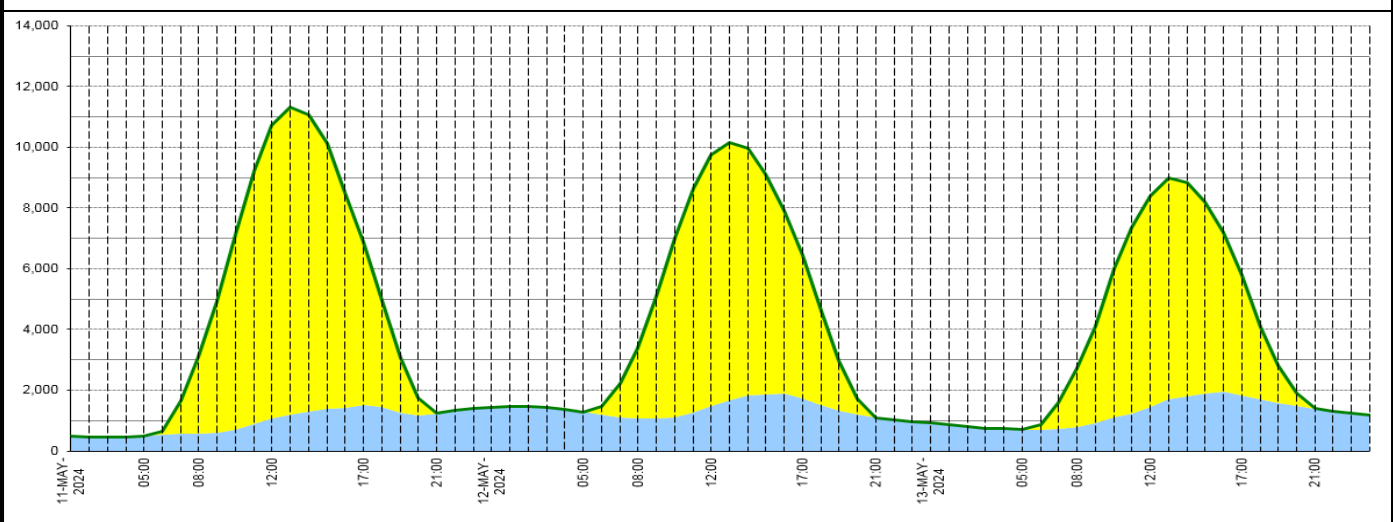
**Wind Power Forecast**



**Expected embedded generation (MW)**

**Embedded Generation Forecast**

	11-MAY-2024					12-MAY-2024					13-MAY-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	2545	9645	5356	10	0	0	2314	8269	4717	0	0	0	1936	6950	3971	0
Wind (MW)	492	553	1065	1513	1224	1449	1278	1066	1471	1720	1102	927	705	793	1450	1813	1387
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>492</b>	<b>3098</b>	<b>10710</b>	<b>6869</b>	<b>1234</b>	<b>1449</b>	<b>1278</b>	<b>3380</b>	<b>9740</b>	<b>6437</b>	<b>1102</b>	<b>927</b>	<b>705</b>	<b>2729</b>	<b>8400</b>	<b>5784</b>	<b>1387</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> Sunny spells across the country, though an increasing risk of heavy showers and thunderstorms, mostly in western parts. Showers could be heavy with frequent lightning and hail in some spots. Feeling very warm and humid, especially in the east.</p> <p><b>Tonight:</b> Thunderstorms largely dying out through the evening but heavy rain continuing across Scotland. Largely dry elsewhere, but low cloud spreading into coasts giving some misty conditions by dawn.</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 thunderstorms Areas affected: Northern Ireland</p> <p>Starts: 11:00 BST on Sun 12 May Ends: 19:00 BST on Sun 12 May</p> <p>Heavy showers and isolated thunderstorms may develop across western Northern Ireland during Sunday day time.</p> <ul style="list-style-type: none"> <li>- Spray and sudden 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 quickly, with</li> </ul>

Weather	Source	Commentary
		<p>damage to some buildings from floodwater, lightning strikes, hail or strong winds</p> <ul style="list-style-type: none"> <li>- There is a slight chance that power cuts could occur and other services to some homes and businesses could be lost</li> </ul> <p>Issued at: 11:07 BST on Fri 10 May Yellow warning of thunderstorms Areas affected: East Midlands   London &amp; South East England   North West England   South West England   Wales   West Midlands   Yorkshire &amp; Humber</p> <p>Starts: 12:00 BST on Sun 12 May Ends: 22:00 BST on Sun 12 May Heavy showers and thunderstorms could lead to some disruption in places, especially to travel. Isolated property flooding is possible.</p> <ul style="list-style-type: none"> <li>- There is a small chance of fast flowing or deep floodwater causing danger to life, particularly in places such as road and railway underpasses.</li> <li>- There is a small chance that homes and businesses could be flooded quickly, with damage to some buildings from floodwater, lightning strikes, hail or strong winds</li> <li>- Spray and sudden flooding could lead to difficult driving conditions and some road closures</li> <li>- There is a slight chance that power cuts could occur and other services to some homes and businesses could be lost</li> <li>- Where flooding or lightning strikes occur, there is a chance of delays and some cancellations to train and bus services</li> </ul> <p>Issued at: 10:25 BST on Fri 10 May Yellow warning of thunderstorms Areas affected: Central, Tayside &amp; Fife   Highlands &amp; Eilean Siar   North West England   SW Scotland, Lothian Borders   Strathclyde</p> <p>Starts: 14:00 BST on Sun 12 May Ends: 04:00 BST on Mon 13 May Heavy showers and thunderstorms could lead to some disruption in places, especially to travel. Isolated property flooding is possible.</p> <ul style="list-style-type: none"> <li>- There is a small chance that homes and businesses could be flooded quickly, with damage to some buildings from floodwater, lightning strikes, hail or strong winds</li> <li>- There is a small chance of fast flowing or deep floodwater causing danger to life</li> <li>- Where flooding or lightning strikes occur, there is a chance of delays and some cancellations to train and bus services</li> <li>- Spray and sudden flooding could lead to difficult driving conditions and some road closures</li> <li>- There is a small chance that some communities become cut off by flooded roads</li> <li>- There is a slight chance that power cuts could occur and other services to some homes and businesses could be lost</li> </ul>
		<p>Issued at: 09:59 BST on Sat 11 May</p> <p><b>Flood Warnings</b></p> <p>0 flood warnings and 30 flood alerts issued for England.</p> <p>0 flood warnings and 15 flood alerts issued for Scotland.</p> <p>0 flood warnings 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>

Further Information	
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>