

# National Electricity Transmission System Status Report

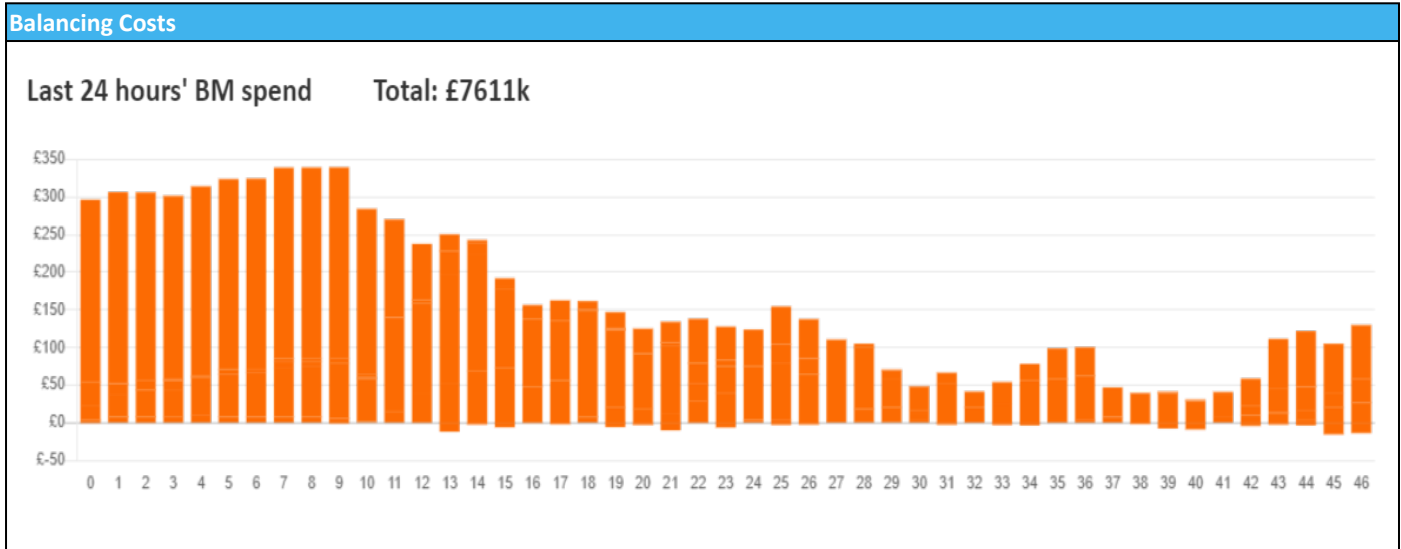


nationalgridESO

**National Electricity Transmission System Status Report**  
Saturday 07 October 2023

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>	9,587.6 (SP 39)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1050 MW



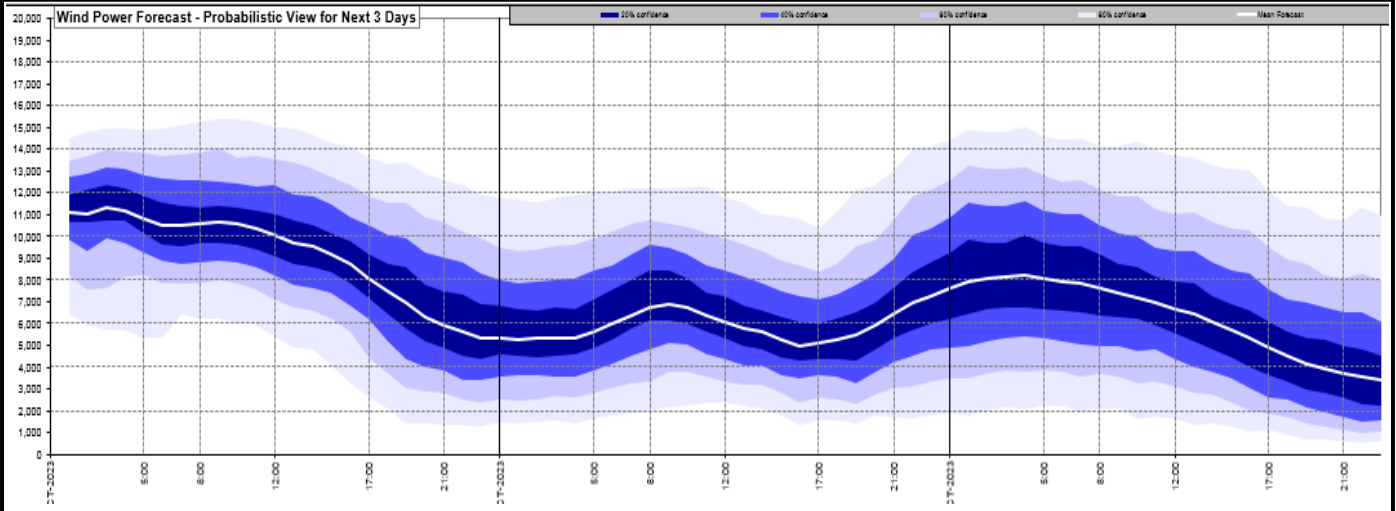
**Yesterday's Market Summary**

<a href="#">Cash Out Price (Max)</a>	£118.8 (SP 36)
<a href="#">Cash Out Price (Min)</a>	-£84.52 (SP 117)
<a href="#">Peak Demand Yesterday</a>	31,811 MW
Minimum Demand	16,800 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	1025	Fully Available from 22:00 hours
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
Northern Ireland (MOYLE)	500	500	Available
Norway (NSL)	1437	1437	Fully Available
France (IFA2)	1014	1014	Fully Available

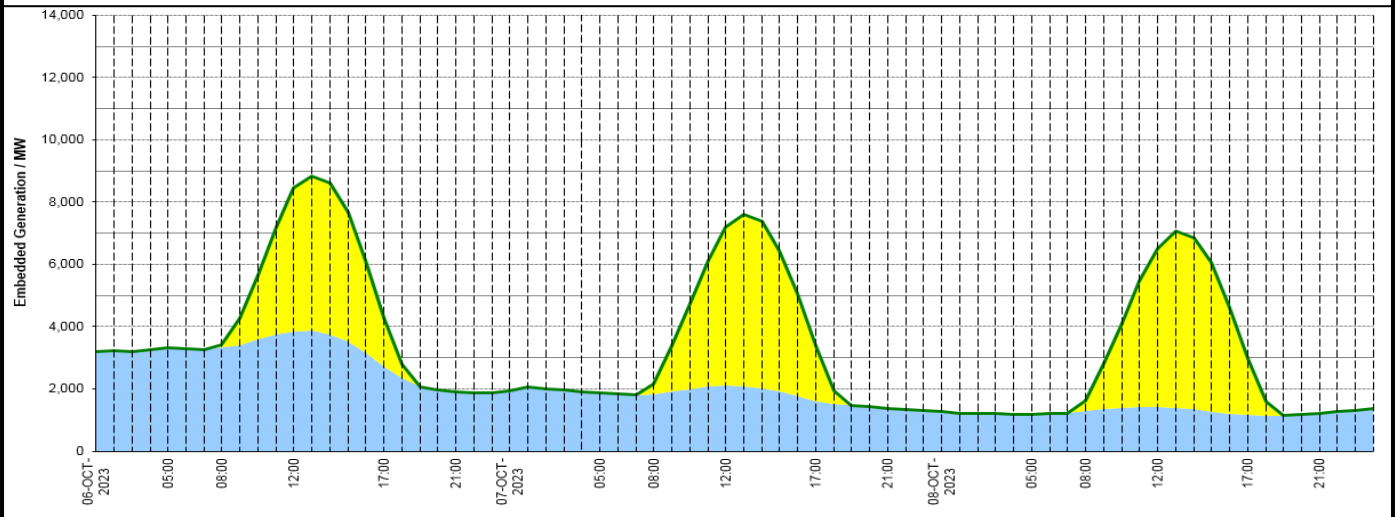
### Wind Power Forecast



### Expected embedded generation (MWs)

#### Embedded Generation Forecast

Embedded Generation Estimates														Last run: 07-Oct-2023 04:33:00			
	06-OCT-2023					07-OCT-2023					08-OCT-2023						
	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	105	4609	1590	0	0	0	322	5084	1757	0	0	0	354	5071	1814	0
Wind (MW)	3311	3326	3845	2707	1904	1924	1885	1840	2101	1614	1380	1272	1178	1280	1425	1157	1227
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>3311</b>	<b>3431</b>	<b>8454</b>	<b>4297</b>	<b>1904</b>	<b>1924</b>	<b>1885</b>	<b>2162</b>	<b>7185</b>	<b>3371</b>	<b>1380</b>	<b>1272</b>	<b>1178</b>	<b>1634</b>	<b>6496</b>	<b>2971</b>	<b>1227</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, some very heavy will continue to affect Scotland tomorrow, although it should brighten up across the far north. Elsewhere it will be generally dry with some very warm sunshine.</p> <p><b>Tonight:</b> Outbreaks of rain affecting most of Scotland this evening and overnight, turning particularly heavy across central and western parts. Meanwhile, rain will die out across Northern Ireland, North Wales and northwest England. Otherwise, dry with clear spells and mist patches.</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 rain Areas affected: Central, Tayside &amp; Fife   Grampian   Highlands &amp; Eilean Siar   SW Scotland, Lothian Borders   Strathclyde Starts: 00:00 BST on Sat 7 October Ends: 06:00 BST on Sun 8 October Heavy and persistent rain this weekend may cause flooding and disruption across parts of Scotland</p> <ul style="list-style-type: none"> <li>- Homes and businesses could be flooded, causing damage to some buildings</li> <li>- Fast flowing or deep floodwater is possible, causing a danger to life</li> </ul>

Weather	Source	Commentary
		<ul style="list-style-type: none"> <li>- Delays or cancellations to train and bus services are possible</li> <li>- Spray and flooding is likely to lead to difficult driving conditions and some road closures</li> <li>- Some communities may be cut off by flooded roads</li> <li>- Possible power cuts and loss of other services to some homes and businesses</li> </ul>
		<p><b>Flood Warnings</b></p> <p>6 flood warnings and 19 flood alerts issued for England.</p> <p>13 flood warnings and 14 flood alerts issued for Scotland.</p> <p>0 flood warnings and 1 flood alerts issued for Wales</p>

*Contains public sector information licensed under the Open Government Licence v1.0*

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>