

**National Electricity  
Transmission System Status Report**

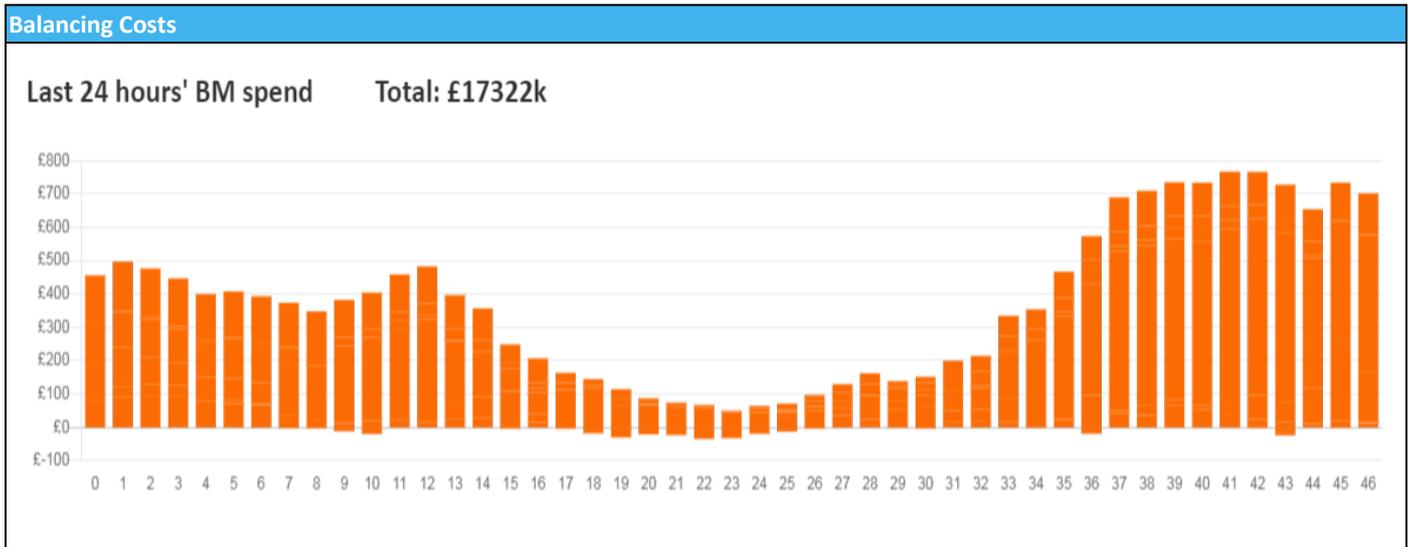


national**grid**ESO

**National Electricity Transmission System Status Report**  
Wednesday 12 April 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>			

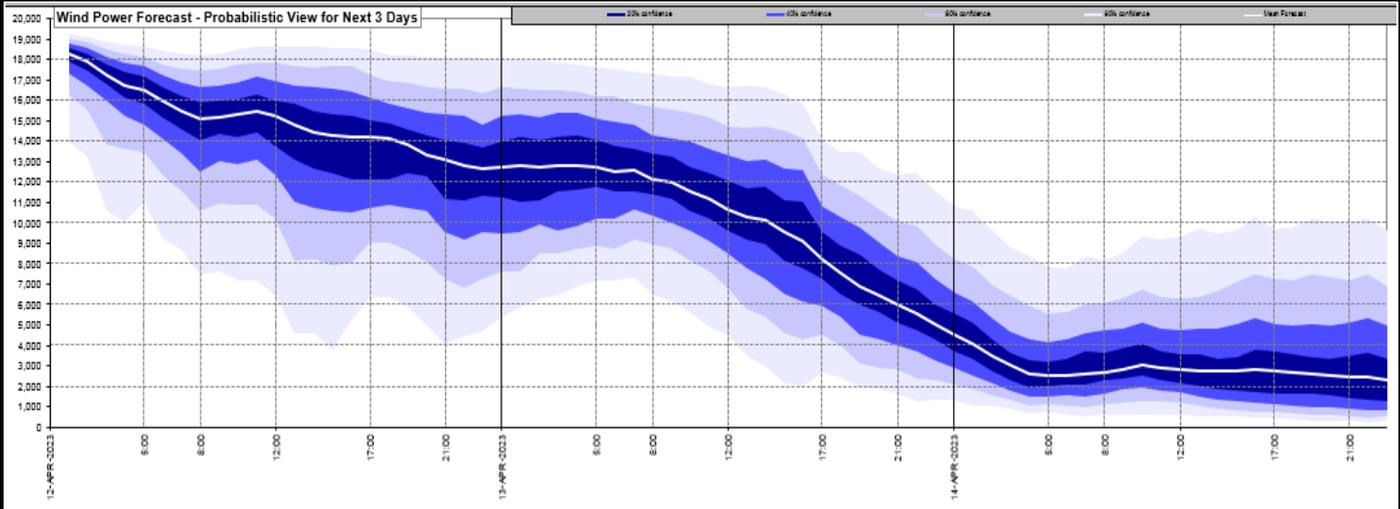
<a href="#">Today's Minimum De-Rated Margin</a>	18,288 (SP 37)	
Current BMU Largest Loss Risk	Generation	1300 MW
	Demand	560 MW



Yesterday's Market Summary	
<a href="#">Cash Out Price (Max)</a>	£ 144.88 (SP 35)
<a href="#">Cash Out Price (Min)</a>	£ -28.67 (SP 2)
<a href="#">Peak Demand Yesterday</a>	33,915 MW
Minimum Demand	18,158 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	500	500	Partially Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1100	1100	Partially Available
France (IFA2)	1014	1014	Fully Available

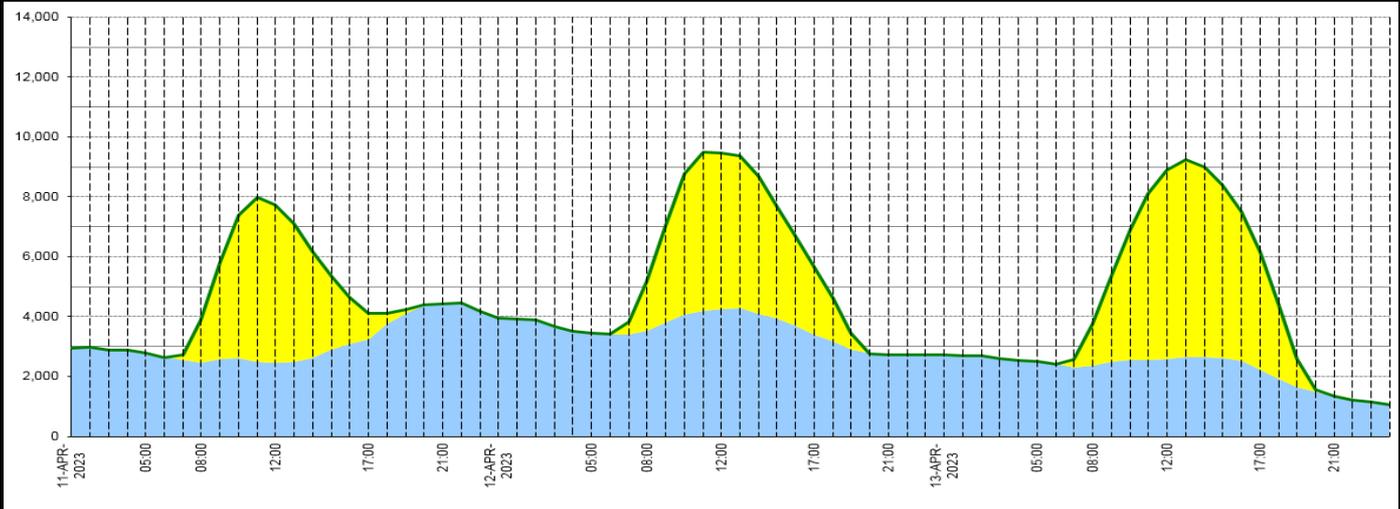
### Wind Power Forecast



### Expected embedded generation (MWs)

#### Embedded Generation Forecast

	11-APR-2023					12-APR-2023					13-APR-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	1427	5279	858	0	0	0	1653	5232	2252	0	0	0	1410	6327	3902	0
Wind (MW)	2778	2471	2457	3252	4440	3952	3442	3529	4236	3407	2710	2734	2498	2348	2571	2244	1343
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>2778</b>	<b>3898</b>	<b>7736</b>	<b>4110</b>	<b>4440</b>	<b>3952</b>	<b>3442</b>	<b>5182</b>	<b>9468</b>	<b>5659</b>	<b>2710</b>	<b>2734</b>	<b>2498</b>	<b>3758</b>	<b>8898</b>	<b>6146</b>	<b>1343</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 in northern Scotland slowly clearing. Elsewhere, some sunshine but showers becoming more widespread, frequent and heavier. Very windy, especially across southern areas and parts of Northern Ireland, with severe gales in places. Distinctly chilly in the wind and rain.</p> <p><b>Tonight:</b> Rain or showers becoming increasingly confined to the central and some northern parts, with clearer spells developing further south. Strong winds in the west and south easing. Chilly again.</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 wind</p> <p>Areas affected: London &amp; South East England   South West England   Wales Starts: 06:00 BST on Wed 12 April Ends: 20:00 BST on Wed 12 April</p> <p>A swathe of strong winds potentially bringing some disruption on Wednesday.</p> <ul style="list-style-type: none"> <li>- Some delays to road, rail, air and ferry transport are likely</li> <li>- Probably some bus and train services affected, with some journeys taking longer</li> <li>- Delays for high-sided vehicles on exposed routes and bridges likely</li> <li>- Some short term loss of power and other services is possible</li> <li>- It's likely that some coastal routes, sea fronts and coastal communities will be affected by spray and/or large waves</li> </ul>

Weather	Source	Commentary
		<p>Yellow warning of wind            Areas affected: Northern Ireland            Starts: 11:00 BST on Wed 12 April            Ends: 20:00 BST on Wed 12 April            Strong winds may cause some disruption during Wednesday</p> <ul style="list-style-type: none"> <li>- Some delays to road, rail, air and ferry transport are likely</li> <li>- Probably some bus and train services affected, with some journeys taking longer</li> <li>- Delays for high-sided vehicles on exposed routes and bridges likely</li> <li>- Some short term loss of power and other services is possible</li> <li>- It's likely that some coastal routes, sea fronts and coastal communities will be affected by spray and/or large waves</li> </ul> <p><b>Flood Warnings</b>            16 flood alerts and 0 flood warnings for England.            6 flood alerts and 2 flood warnings for Scotland.            2 flood alert and 0 flood warnings 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>
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