

**National Electricity  
Transmission System Status Report**

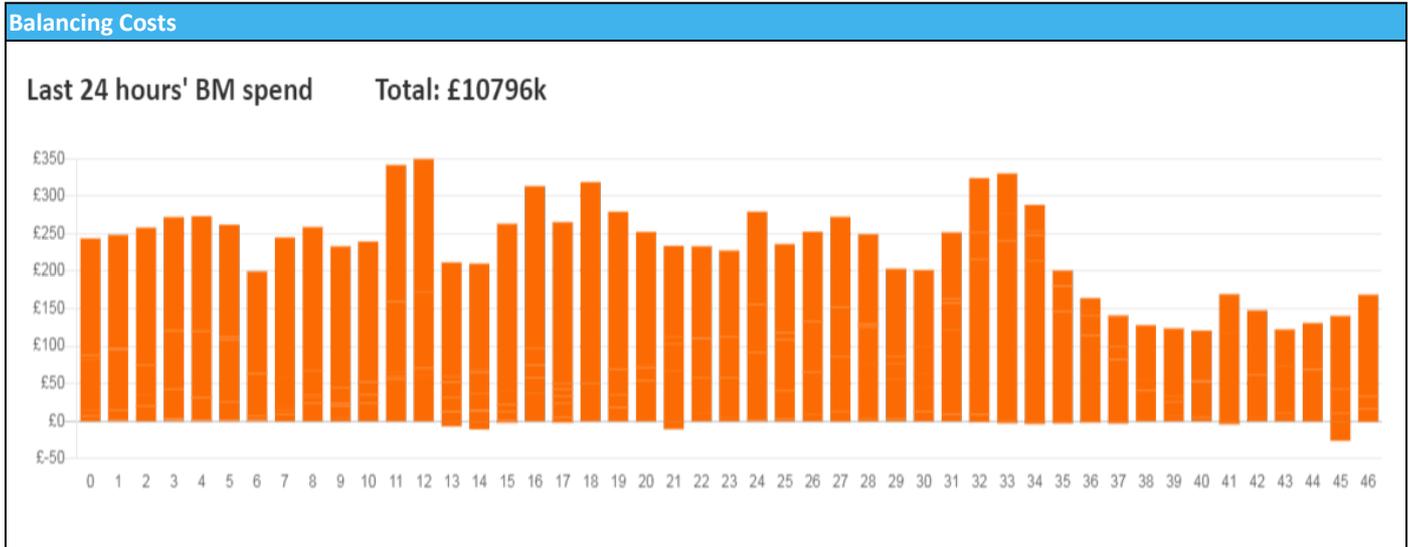


national**grid**ESO

National Electricity Transmission System Status Report  
Monday 09 January 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>			

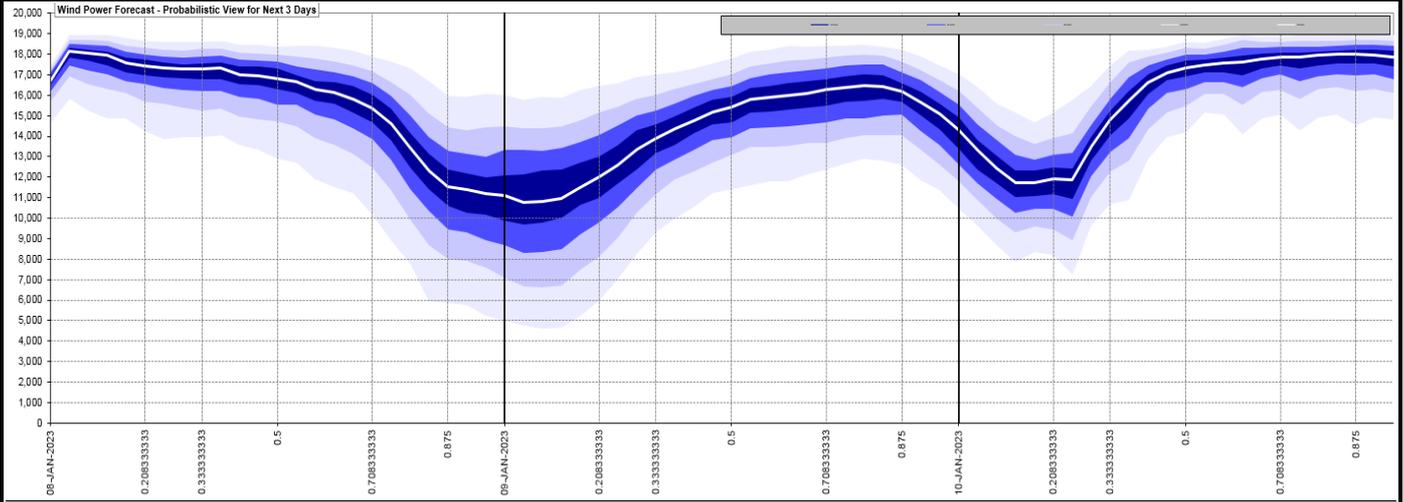
<a href="#">Today's Minimum De-Rated Margin</a>	13,941 MW (SP 35)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	750MW



Yesterday's Market Summary	
<a href="#">Cash Out Price (Max)</a>	£207.00 (SP 34-37)
<a href="#">Cash Out Price (Min)</a>	-£44.00 (SP 10)
<a href="#">Peak Demand Yesterday</a>	37,209 MW
Minimum Demand	18,153 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1000	1025	Fully Available
Ireland (EWIC)	500	530	Fully Available
France (ElecLink)	1014	1014	Fully Available
France (IFA)	1500	1500	Partially available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available

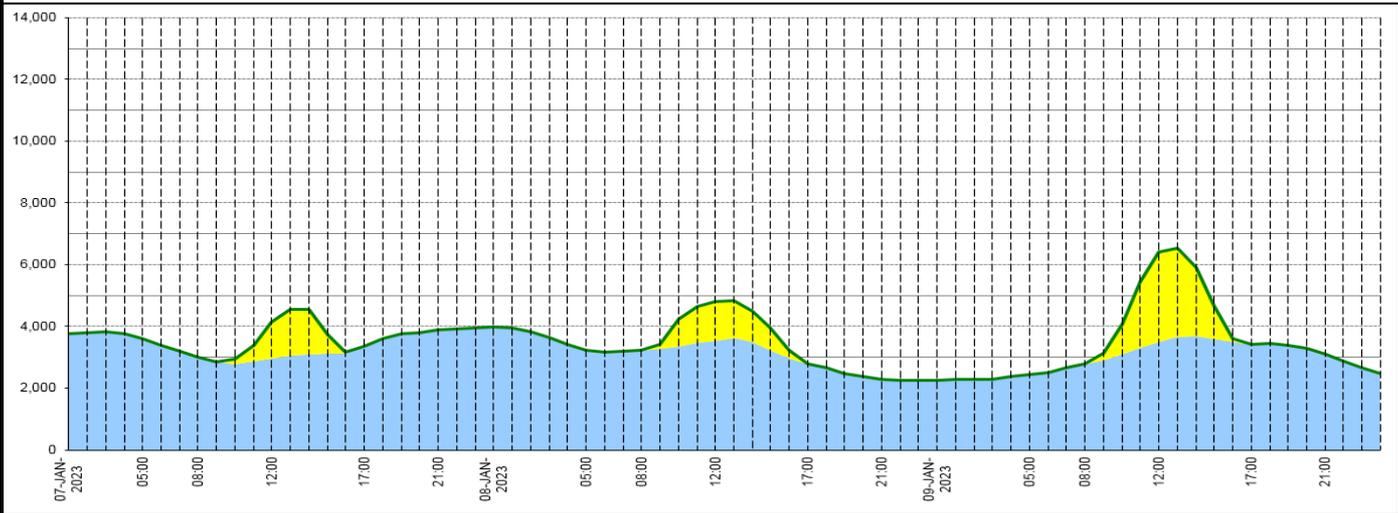
**Wind Power Forecast**



**Expected embedded generation (MWs)**

**Embedded Generation Forecast**

	07-JAN-2023					08-JAN-2023					09-JAN-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	0	1167	0	0	0	0	0	1278	0	0	0	0	0	2919	0	0
Wind (MW)	3618	2996	2963	3367	3878	3999	3216	3225	3530	2780	2281	2264	2433	2779	3493	3408	3113
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>3618</b>	<b>2996</b>	<b>4130</b>	<b>3367</b>	<b>3878</b>	<b>3999</b>	<b>3216</b>	<b>3225</b>	<b>4808</b>	<b>2780</b>	<b>2281</b>	<b>2264</b>	<b>2433</b>	<b>2779</b>	<b>6412</b>	<b>3408</b>	<b>3113</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 mixture of sunny spells and showers, some of the showers heavy with the chance of hail and thunder, although drier in the south and east later. Strong westerly winds making it feel cold.</p> <p><b>Tonight:</b> Showers fading apart from far north, then clear spells and a touch of frost in places, before increasing cloud and wind heralds rain spreading east into western and central parts.</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</a>	<p><b>UK Weather Warnings</b> Yellow warning of rain Areas affected: Wales   West Midlands Starts: 06:00 GMT on Tue 10 January Ends: 20:00 GMT on Tue 10 January Persistent heavy rain may lead to some disruption on Tuesday. - Flooding of a few homes and businesses is likely</p>

Weather	Source	Commentary
	<a href="#">Wales</a>	<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>- Some interruption to power supplies and other services possible</li> </ul> <p>Yellow warning of rain Areas affected: East Midlands   North West England   West Midlands   Yorkshire &amp; Humber</p> <p>Starts: 06:00 GMT on Tue 10 January Ends: 20:00 GMT on Tue 10 January Persistent heavy rain will affect parts of northwest England on Tuesday.</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 possible</li> </ul> <p><b>Flood Warnings</b> 29 flood warnings and 80 flood alerts issued for England.</p> <p>0 flood warnings and 0 flood alerts issued for Scotland.</p> <p>2 flood warnings and 16 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>