

**National Electricity  
Transmission System Status Report**

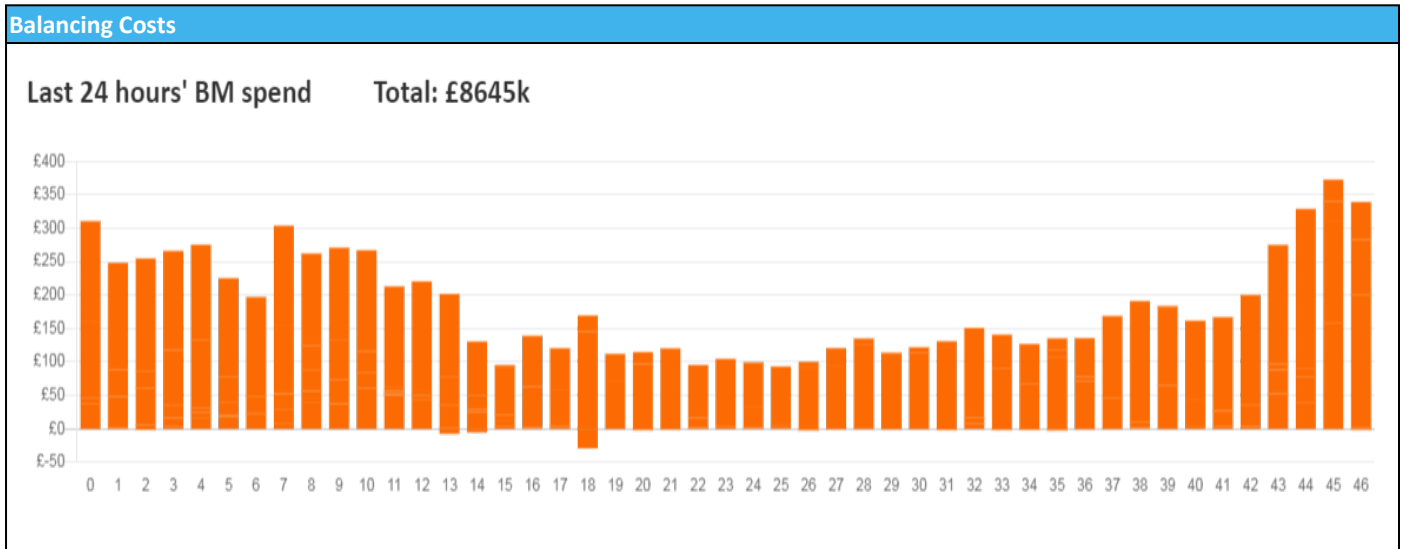


national**grid**ESO

**National Electricity Transmission System Status Report**  
Thursday 29 December 2022

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>	17,750 (SP 36)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	560 MW



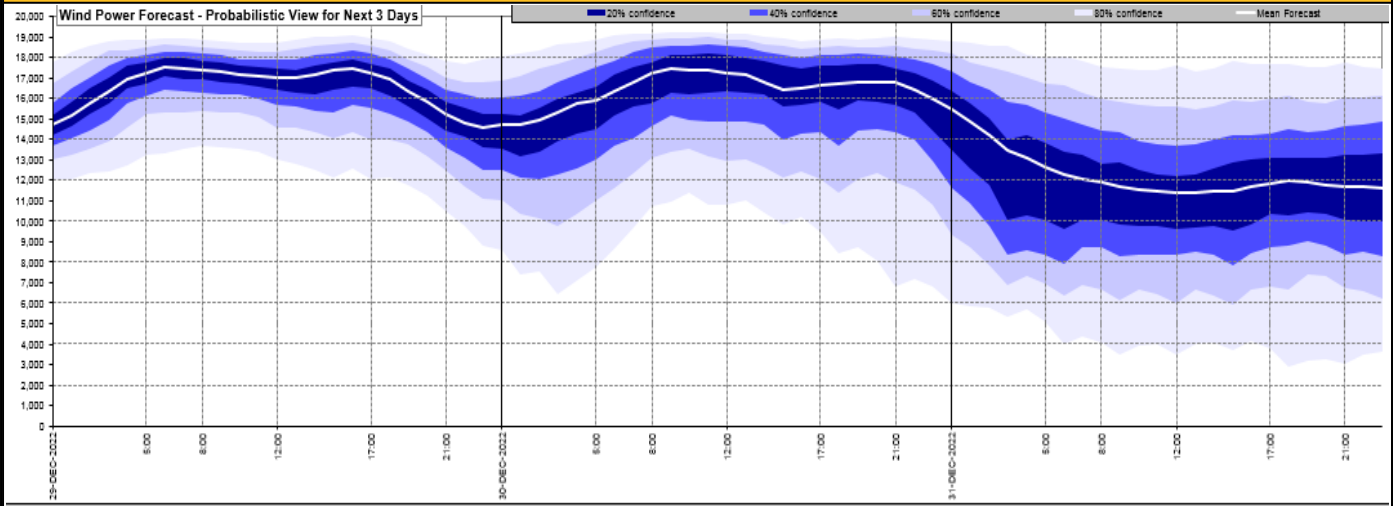
**Yesterday's Market Summary**

<a href="#">Cash Out Price (Max)</a>	£284.00 (SP 20)
<a href="#">Cash Out Price (Min)</a>	-£64.42 (SP 4)
<a href="#">Peak Demand Yesterday</a>	34,034 MW
Minimum Demand	18,285MW

**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	0MW until 08:00 then fully available
France (IFA)	1000	1000	Partially available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available

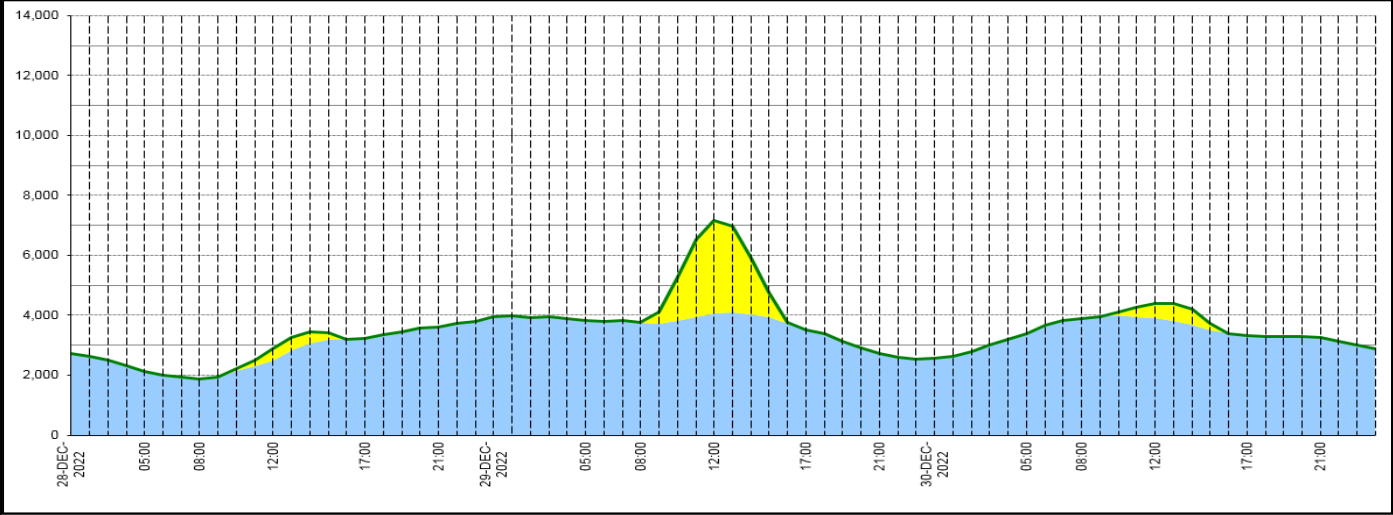
**Wind Power Forecast**



**Expected embedded generation (MWs)**

**Embedded Generation Forecast**

	28-DEC-2022					29-DEC-2022					30-DEC-2022						
	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	374	0	0	0	0	3105	0	0	0	0	0	0	488	0	0
Wind (MW)	2119	1880	2504	3243	3611	3964	3818	3760	4048	3516	2721	2581	3390	3874	3894	3338	3274
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>2119</b>	<b>1880</b>	<b>2878</b>	<b>3243</b>	<b>3611</b>	<b>3964</b>	<b>3818</b>	<b>3760</b>	<b>7153</b>	<b>3516</b>	<b>2721</b>	<b>2581</b>	<b>3390</b>	<b>3874</b>	<b>4382</b>	<b>3338</b>	<b>3274</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 across far north and northwest will turn more showery by afternoon, with some snow over high ground. Elsewhere, a windy day with a mixture of sunshine and showers, heavy in the west. Best of dry weather in the east.</p> <p><b>Tonight:</b> Clear spells and frost in north and east, with showers in coastal west. Strong winds and heavy rain moving northeast across western and northern areas, with snow over Scottish hills.</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   SW Scotland, Lothian Borders   Strathclyde Starts: 03:00 GMT on Fri 30 December Ends: 18:00 GMT on Fri 30 December Heavy rain bringing some flooding and travel disruption. - Spray and flooding could lead to difficult driving conditions and some road closures - Where flooding occurs, there is a slight chance of delays or cancellations to train and bus services - There is a small chance that some communities will become cut off by flooded roads - There is a small chance that homes and businesses could be flooded, causing damage to some buildings Issued at: 11:06 GMT on Wed 28 December</p>

Weather	Source	Commentary
		<p><b>Flood Warnings</b>            4 flood warnings and 46 flood alerts issued for England.</p> <p>0 flood warnings and 0 flood alerts issued for Scotland.</p> <p>1 flood warnings and 26 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/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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