

**National Electricity  
Transmission System Status Report**

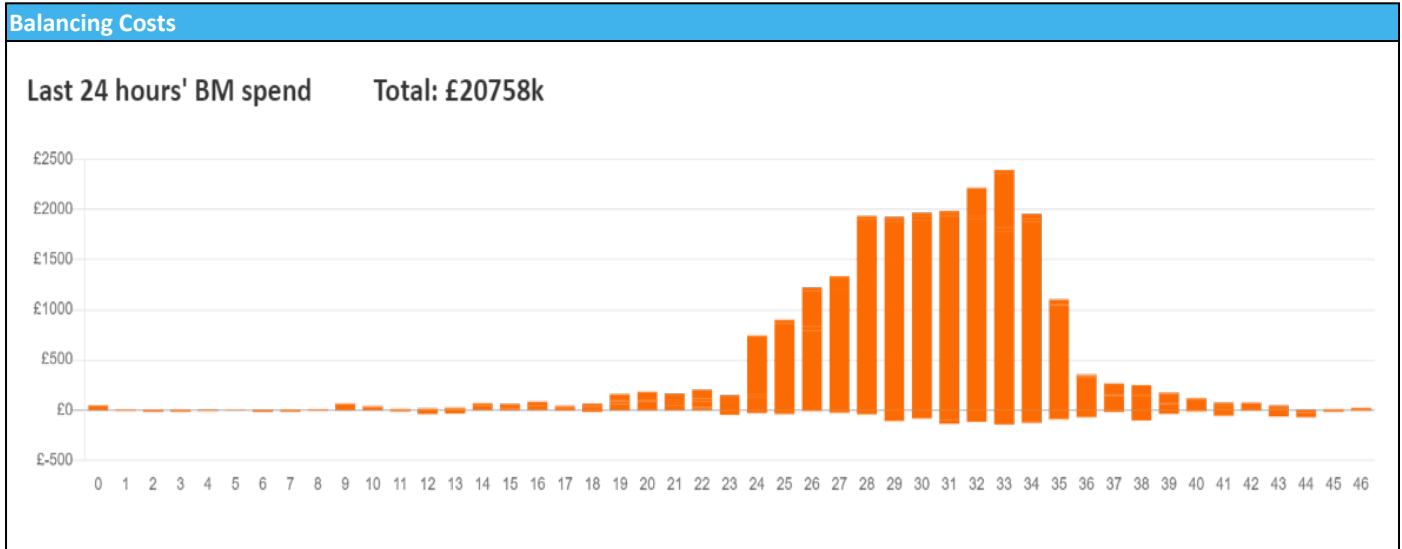


national**grid**ESO

National Electricity Transmission System Status Report  
Friday 17 December 2021

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>			

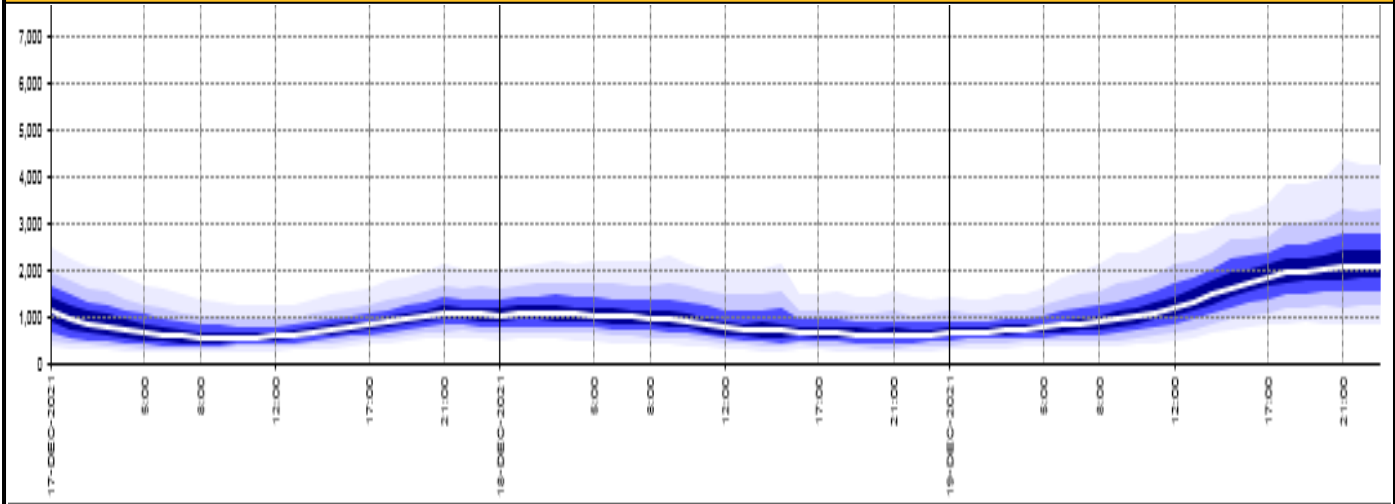
<a href="#">Today's Minimum De-Rated Margin</a>	2069 (SP 35)	
Current BMU Largest Loss Risk	Generation	1260 MW
	Demand	560 MW



Yesterday's Market Summary	
<a href="#">Cash Out Price (Max)</a>	£404 (SP 22)
<a href="#">Cash Out Price (Min)</a>	£61 (SP 46)
<a href="#">Peak Demand Yesterday</a>	42,414 MW
Minimum Demand	23,690 MW

Interconnector Net Transfer Capacity (MWs)			
Today	Import	Export	Remarks
Netherlands (BritNed)	1100	1133	Fully Available
France (IFA)	1000	1000	Partially Available
France (IFA2)	1014	1014	Fully Available
Belgium (Nemo)	1020	1020	Fully Available
Ireland (EWIC)	500	530	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
NSL	698	793	Partially Available
ElecLink	0	0	Not yet commissioned

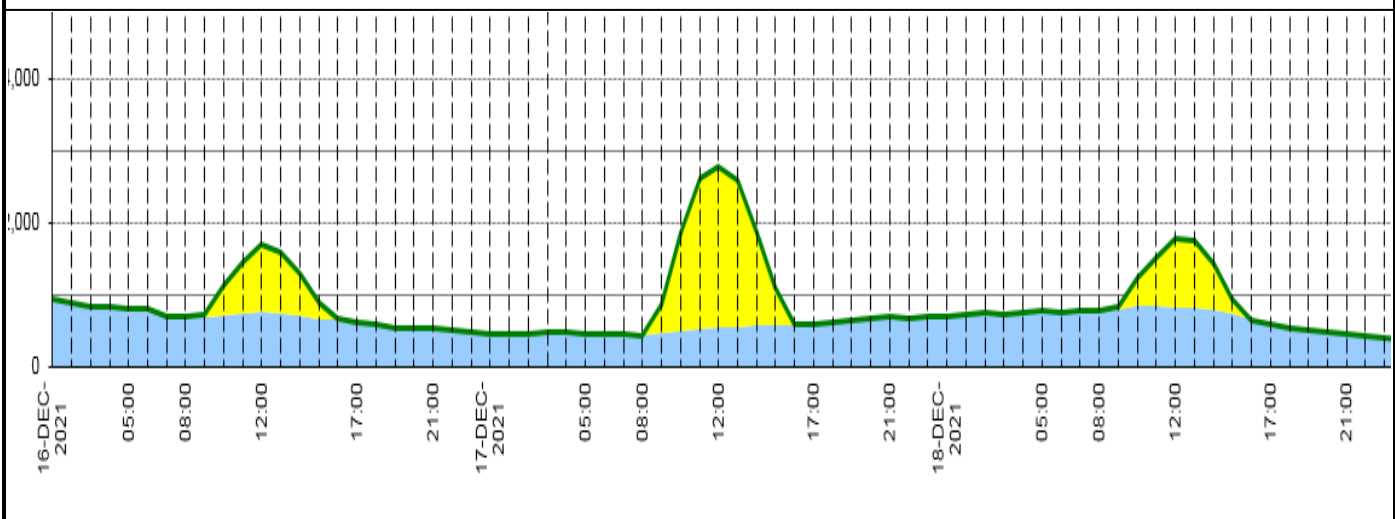
**Wind Power Forecast**



**Expected embedded generation (MWs)**

**Embedded Generation Forecast**

	16-DEC-2021					17-DEC-2021					18-DEC-2021						
	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	938	0	0	0	0	0	2237	0	0	0	0	0	957	0	0
Wind (MW)	808	688	760	622	539	458	465	437	550	594	689	700	767	781	816	592	456
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>808</b>	<b>688</b>	<b>1698</b>	<b>622</b>	<b>539</b>	<b>458</b>	<b>465</b>	<b>437</b>	<b>2787</b>	<b>594</b>	<b>689</b>	<b>700</b>	<b>767</b>	<b>781</b>	<b>1773</b>	<b>592</b>	<b>456</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> Fog patches in the north may be slow to clear, this most likely northeast England. Some sunshine for Scotland. Mostly cloudy skies further south, and a little less mild..</p> <p><b>Tonight:</b> Clear spells likely in places, especially east England and Scotland, with some patches of frost and fog likely to form. Many southern areas remaining cloudy and fairly mild.</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> Fog - Hull to Norwich</p> <p><b>Flood Warnings</b> 2 Flood Warning and flood alerts in England 0 Flood Warning and flood alerts in Scotland 0 Flood Warning and flood alerts in 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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