

**NESO**  
**National Electricity**  
**Transmission**  
**System**  
Status report

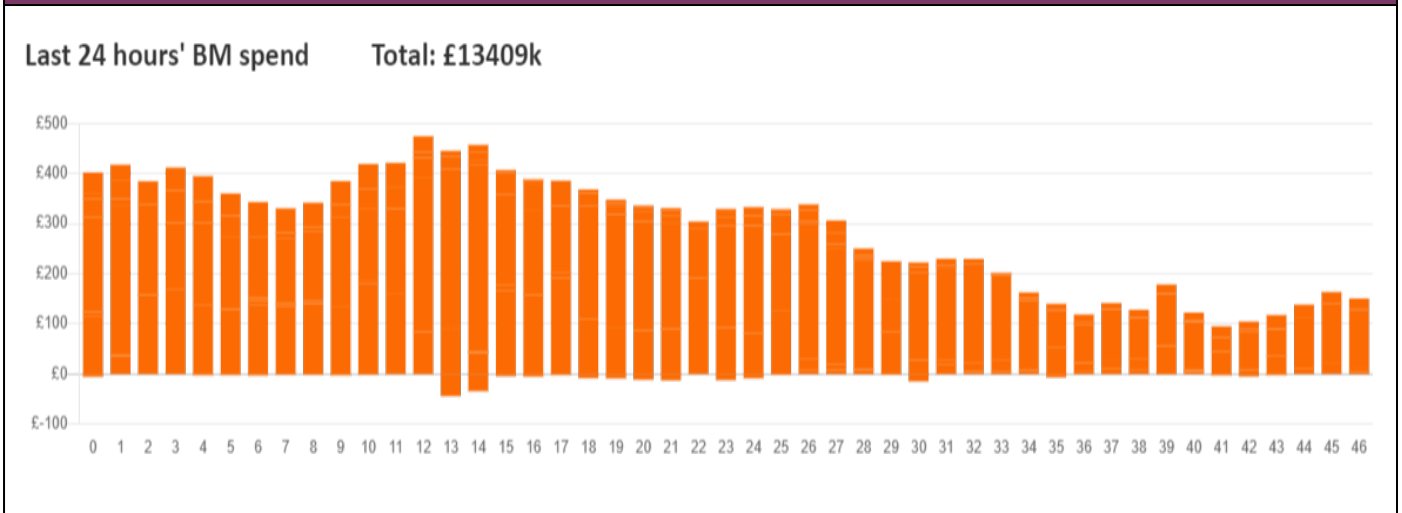


NESO National Electricity Transmission System Status Report  
Thursday 19 December 2024

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>	13015MW (SP 39)	
Current BMU Largest Loss Risk	Generation	1500MW
	Demand	560MW

Balancing Costs



Yesterday's Market Summary

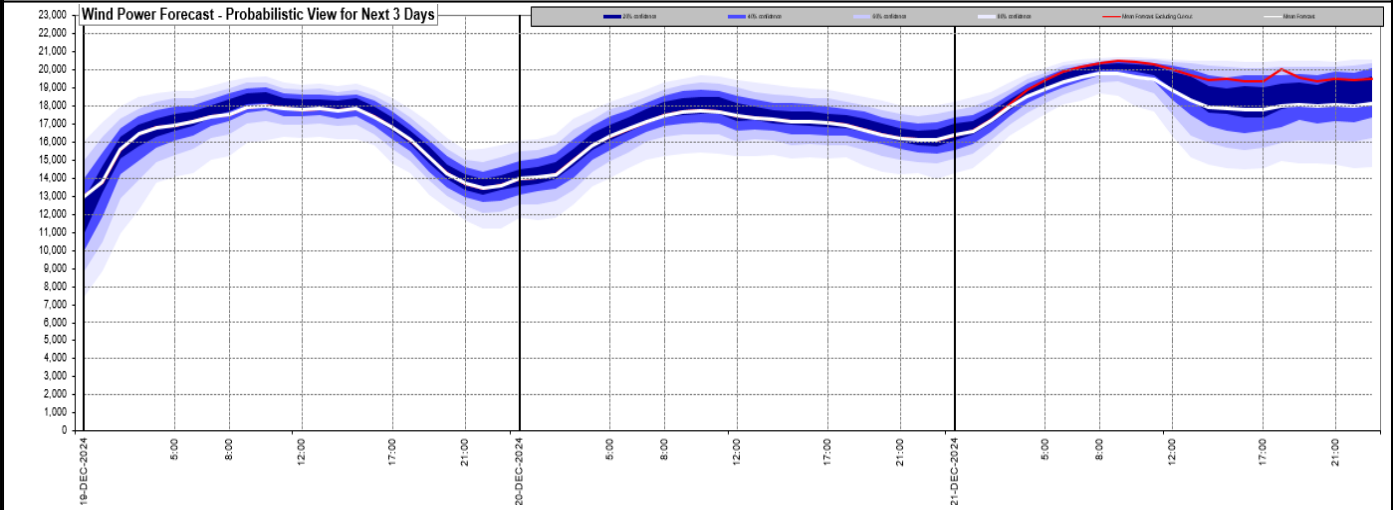
<a href="#">Cash Out Price (Max)</a>	£111.00 /MWh (SP 34-36 38)
<a href="#">Cash Out Price (Min)</a>	£-7.00 /MWh (SP 8-10)
<a href="#">Peak Demand Yesterday</a>	410,248 MW
<a href="#">Minimum Demand</a>	26,019 MW

Interconnector

Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	0	0	Unplanned Outage
France (IFA)	2000	2000	Fully Available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	500	Fully Available
France (ElecLink)	0	0	Outage
Northern Ireland (MOYLE)	450	450	Fully Available
Norway (NSL)	1400	1400	Fully Available
France (IFA2)	1000	1000	Fully Available
Viking Link	1430	1430	Fully Available
Ireland (GreenLink)	0	0	Not yet commissioned

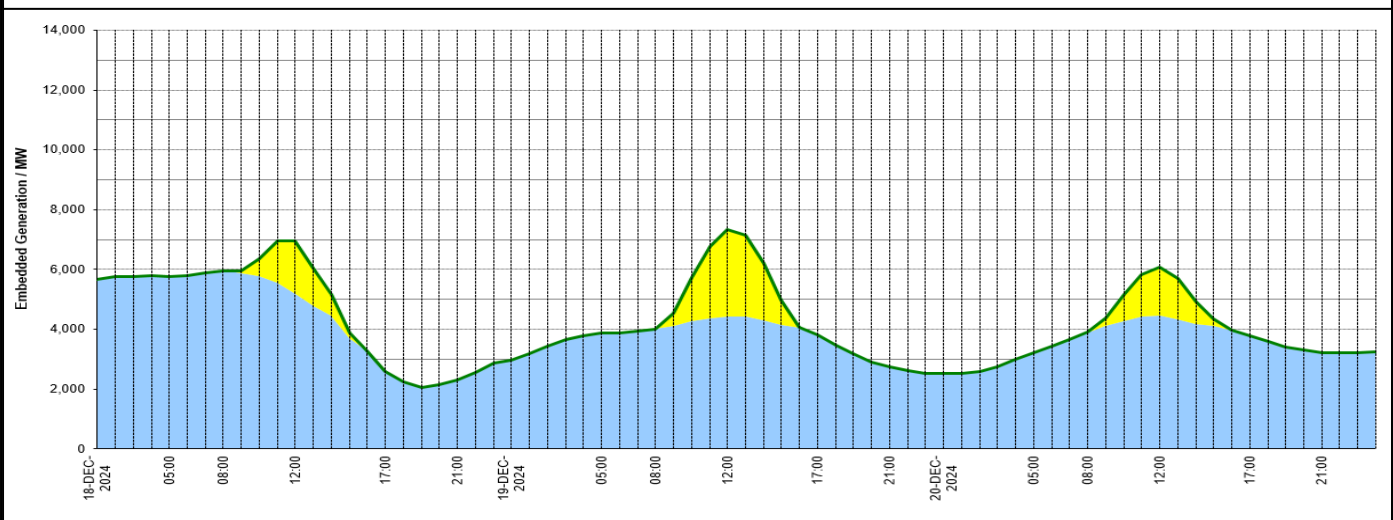
### Wind Power Forecast



### Expected embedded generation (MWs)

#### Embedded Generation Forecast

	18-DEC-2024					19-DEC-2024					20-DEC-2024						
	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	1786	0	0	0	0	0	2900	0	0	0	0	0	1616	0	0
Wind (MW)	5774	5962	5177	2605	2304	2979	3887	4004	4433	3808	2748	2526	3216	3899	4472	3785	3227
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>5774</b>	<b>5962</b>	<b>6963</b>	<b>2605</b>	<b>2304</b>	<b>2979</b>	<b>3887</b>	<b>4004</b>	<b>7333</b>	<b>3808</b>	<b>2748</b>	<b>2526</b>	<b>3216</b>	<b>3899</b>	<b>6088</b>	<b>3785</b>	<b>3227</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> Early cloud clearing the southeast through the morning leaving sunny spells for many parts. Frequent wintry showers continuing in the north and west with some strong gusts around the coasts. Feeling cold in the brisk northwesterly wind.</p> <p><b>Tonight:</b> Showers and winds easing during the evening with clear spells developing. Cloud and wind increasing in the northwest with rain later. Short lived frost forming under the clear skies.</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 Areas affected: Highlands &amp; Eilean Siar   Orkney &amp; Shetland   Strathclyde</p> <p>Starts: 07:00 GMT on Sat 21 December</p> <p>Ends: 21:00 GMT on Sat 21 December</p> <p>A period of strong winds on Saturday may lead to significant transport disruption including ferry cancellations.</p> <p>- There is a small chance that injuries and danger to life could occur from large waves</p>

Weather	Source	Commentary
		<p>and beach material being thrown onto sea fronts, coastal roads and properties</p> <ul style="list-style-type: none"> <li>- Some delays to public transport are likely, as well as disruption to travel by road.</li> </ul> <p>There is a small chance of significant delays or even cancellations to services however, including ferry and air, whilst some roads and bridges may be closed.</p> <ul style="list-style-type: none"> <li>- There is a slight chance of some damage to buildings, such as tiles blown from roofs</li> </ul> <p>Issued at: 11:05 GMT on Wed 18 December</p> <p>Yellow warning of wind</p> <p>Areas affected: Central, Tayside &amp; Fife   Grampian   Highlands &amp; Eilean Siar   Northern Ireland   SW Scotland, Lothian Borders   Strathclyde</p> <p>Starts: 07:00 GMT on Sat 21 December</p> <p>Ends: 21:00 GMT on Sat 21 December</p> <p>A period of strong winds on Saturday is likely to lead to some transport disruption</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>- There is a small chance of isolated, short term loss of power</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>Issued at: 11:05 GMT on Wed 18 December</p> <p><b>Flood Warnings</b></p> <p>7 flood warnings and 76 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.elexon.co.uk/data/kinnect-insights-solution/">https://www.elexon.co.uk/data/kinnect-insights-solution/</a>
System Balancing Reports	<a href="https://www.neso.energy/industry-information/industry-data-and-reports/system-balancing-reports">https://www.neso.energy/industry-information/industry-data-and-reports/system-balancing-reports</a>
Forecast Volumes and Costs	<a href="https://www.neso.energy/industry-information/industry-data-and-reports/forecast-volumes-and-costs">https://www.neso.energy/industry-information/industry-data-and-reports/forecast-volumes-and-costs</a>