

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

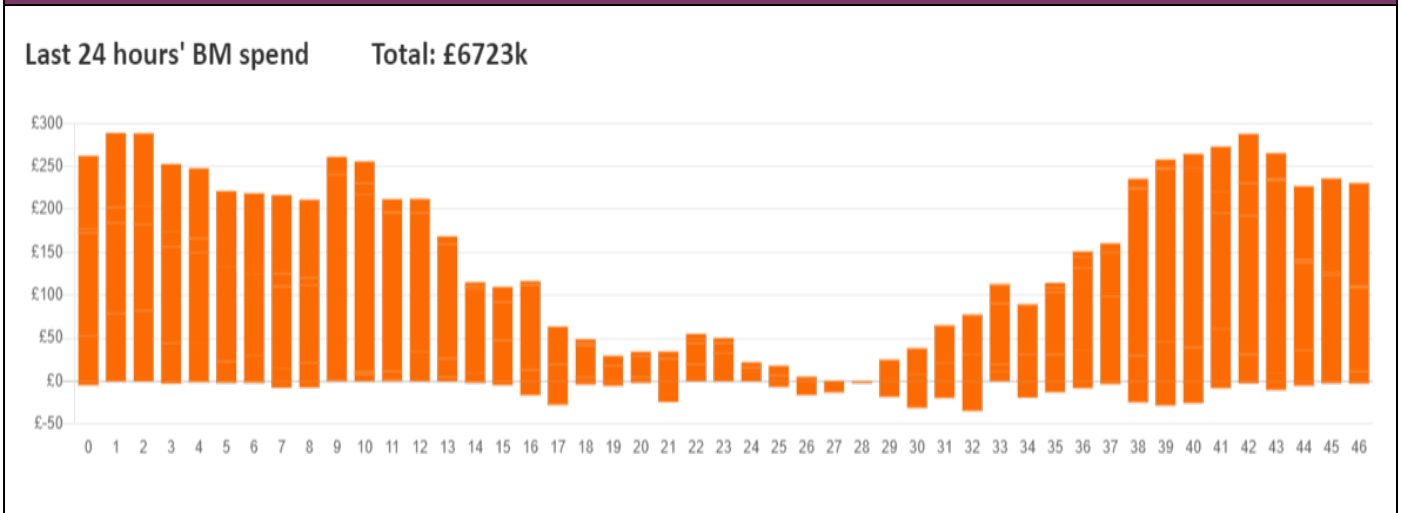


NESO National Electricity Transmission System Status Report  
Saturday 07 December 2024

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>	21,741 MW (SP 25)	
Current BMU Largest Loss Risk	Generation	1600 MW
	Demand	560 MW

Balancing Costs



Yesterday's Market Summary

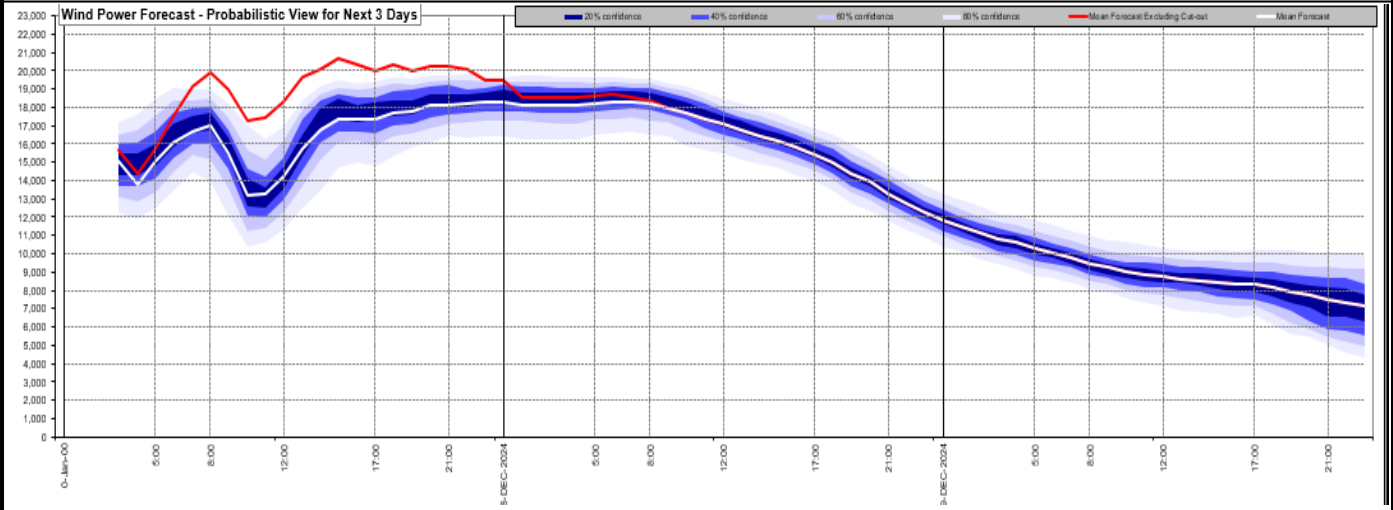
<a href="#">Cash Out Price (Max)</a>	£124.66 /MWh (SP 35)
<a href="#">Cash Out Price (Min)</a>	£ 1.56 /MWh (SP 3)
<a href="#">Peak Demand Yesterday</a>	38,983 MW
<a href="#">Minimum Demand</a>	20,829 MW

Interconnector

Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	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

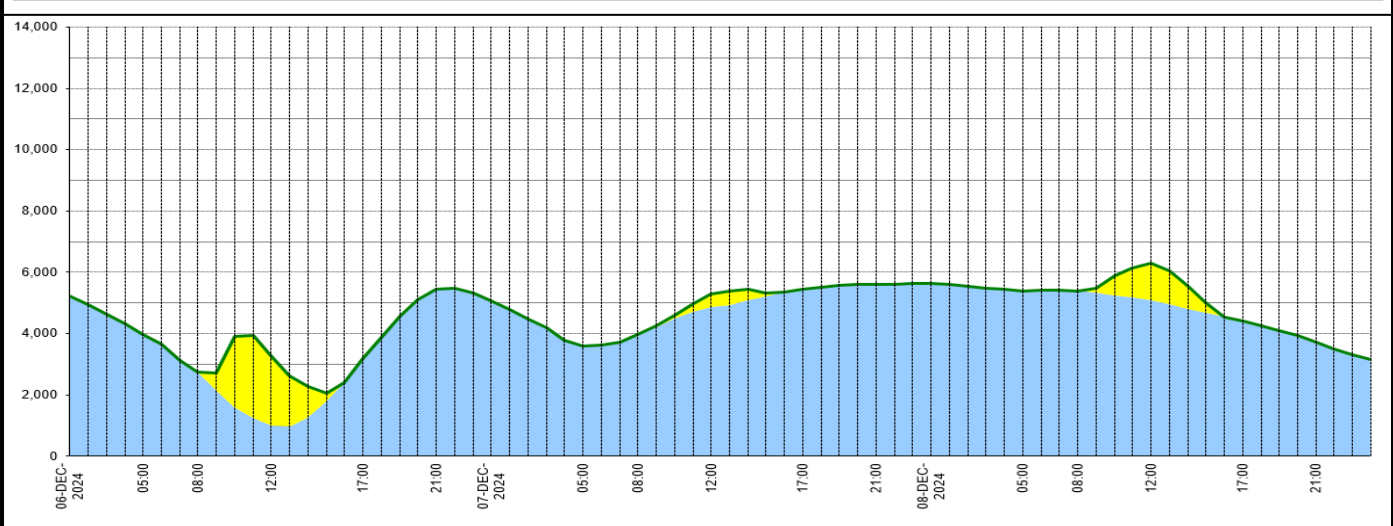
### Wind Power Forecast



### Expected embedded generation (MWs)

#### Embedded Generation Forecast

	06-DEC-2024					07-DEC-2024					08-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	20	2306	0	0	0	0	0	415	0	0	0	0	0	1208	0	0
Wind (MW)	3979	2739	989	3187	5441	5059	3607	3976	4863	5461	5619	5623	5397	5390	5076	4418	3730
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total (MW)</b>	<b>3979</b>	<b>2759</b>	<b>3295</b>	<b>3187</b>	<b>5441</b>	<b>5059</b>	<b>3607</b>	<b>3976</b>	<b>5278</b>	<b>5461</b>	<b>5619</b>	<b>5623</b>	<b>5397</b>	<b>5390</b>	<b>6284</b>	<b>4418</b>	<b>3730</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 very windy day with widespread gales and severe gales, and storm force winds in the west. Outbreaks of rain spread steadily eastwards, heavy at times and falling as snow across the hills in the north.</p> <p><b>Tonight:</b> Gales and severe gales easing but remaining very windy. Heavy rain continues to affect central and eastern parts overnight, with further blustery showers in the northwest. Drier in the southwest.</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: Northern Ireland   Wales   West Midlands ACTIVE Started at: 15:00 GMT on Fri 6 December Ends: 12:00 GMT on Sat 7 December Heavy rain associated with Storm Darragh could lead to some flooding and disruption. - There is a small chance that homes and businesses could be flooded, causing damage to some buildings - Where flooding occurs, there is a slight chance of delays or cancellations to train and bus services</p>

Weather	Source	Commentary
		<p>- Spray and flooding could lead to difficult driving conditions and some road closures            - There is a small chance that some communities will become cut off by flooded roads            - There is a slight chance of power cuts and loss of other services to some homes and businesses            Issued at: 10:24 GMT on Thu 5 December</p> <p>Yellow warning of wind            Areas affected: Central, Tayside &amp; Fife   East Midlands   East of England   London &amp; South East England   North East England   North West England   Northern Ireland   SW Scotland, Lothian Borders   South West England   Strathclyde   Wales   West Midlands   Yorkshire &amp; Humber            ACTIVE            Started at: 15:00 GMT on Fri 6 December            Ends: 06:00 GMT on Sun 8 December            Strong winds associated with Storm Darragh likely leading to some disruption and damage.            - There is a small chance of injuries and danger to life from flying debris            - There is a slight chance of some damage to buildings, such as tiles blown from roofs            - There is likely to be longer journey times or cancellations as road, rail, air and ferry services are affected            - It is likely that some roads and bridges could close, with impacts from falling trees            - There is a slight chance that power cuts may occur, with the potential to affect other services, such as mobile phone coverage            - There is a small chance that injuries and danger to life could occur from large waves and beach material being thrown onto sea fronts, coastal roads and properties            Issued at: 11:57 GMT on Wed 4 December            Last updated: 18 hours ago</p> <p>Yellow warning of rain            Areas affected: Central, Tayside &amp; Fife   Grampian   SW Scotland, Lothian Borders   Strathclyde            ACTIVE            Started at: 15:00 GMT on Fri 6 December            Ends: 12:00 GMT on Sat 7 December            Rain associated with Storm Darragh may lead to some transport disruption from late Friday through Saturday morning            - Spray and flooding on roads probably making journey times longer            - Bus and train services probably affected with journey times taking longer            - Some interruption to power supplies and other services likely            - Flooding of a few homes and businesses is likely            Issued at: 10:07 GMT on Thu 5 December</p> <p>Yellow warning of snow            Areas affected: Central, Tayside &amp; Fife   Grampian   Highlands &amp; Eilean Siar   Strathclyde            ACTIVE            Started at: 20:00 GMT on Fri 6 December            Ends: 09:00 GMT on Sat 7 December            Snow is expected to bring difficult driving conditions and disruption to higher routes.            - Some roads and railways likely to be affected with longer journey times by road, bus and train services            Issued at: 07:38 GMT on Fri 6 December</p> <p>Amber warning of wind            Areas affected: North West England   Northern Ireland   SW Scotland, Lothian Borders   South West England   Strathclyde   Wales            ACTIVE            Started at: 01:00 GMT on Sat 7 December            Ends: 21:00 GMT on Sat 7 December            Potentially damaging winds associated with Storm Darragh            - Flying debris and falling trees could result in a danger to life            - Damage to buildings and homes is possible, with roofs blown off and power lines brought down            - Roads, bridges and railway lines may close, with delays and cancellations to bus, train,</p>

Weather	Source	Commentary
		<p>ferry services and flights</p> <ul style="list-style-type: none"> <li>- Power cuts could occur and affect other services, such as mobile phone coverage</li> <li>- There is potential for large waves and beach material being thrown onto sea fronts, coastal roads and properties</li> </ul> <p>Issued at: 09:33 GMT on Thu 5 December Last updated: 19 hours ago</p> <p>Red warning of wind</p> <p>Areas affected: South West England   Wales</p> <p>ACTIVE</p> <p>Started at: 03:00 GMT on Sat 7 December Ends: 11:00 GMT on Sat 7 December</p> <p>Damaging winds associated with Storm Darragh are expected to cause significant disruption</p> <ul style="list-style-type: none"> <li>- Danger to life due to flying debris and falling trees</li> <li>- Power cuts affecting other services, such as mobile phone coverage</li> <li>- Roads, bridges and railway lines closed, with delays and cancellations to bus, train, ferry services and flights</li> <li>- Damage to buildings and homes, with roofs blown off and power lines brought down</li> <li>- Large waves and beach material being thrown onto coastal roads, sea fronts and homes</li> </ul> <p>Issued at: 09:48 GMT on Fri 6 December</p> <p>Amber warning of rain</p> <p>Areas affected: Wales</p> <p>ACTIVE</p> <p>Started at: 03:00 GMT on Sat 7 December Ends: 18:00 GMT on Sat 7 December</p> <p>Heavy rain from Storm Darragh is likely to lead to disruption to transport and infrastructure</p> <ul style="list-style-type: none"> <li>- Homes and businesses are likely to be flooded, causing damage to some buildings</li> <li>- Fast flowing or deep floodwater is likely, causing danger to life</li> <li>- Delays and some cancellations to train and bus services are likely</li> <li>- Spray and flooding probably leading to difficult driving conditions and some road closures</li> <li>- A good chance some communities will be cut off by flooded roads</li> <li>- Power cuts and loss of other services to some homes and businesses likely</li> </ul> <p>Issued at: 10:48 GMT on Fri 6 December</p> <p>Yellow warning of rain</p> <p>Areas affected: North East England   SW Scotland, Lothian Borders   Yorkshire &amp; Humber</p> <p>Starts: 06:00 GMT on Sat 7 December Ends: 23:59 GMT on Sat 7 December</p> <p>Heavy rain associated with Storm Darragh may lead to some disruption on Saturday.</p> <ul style="list-style-type: none"> <li>- Spray and flooding on roads probably making journey times longer</li> <li>- Bus and train services probably affected with journey times taking longer</li> <li>- Flooding of a few homes and businesses is likely</li> </ul> <p>Issued at: 10:48 GMT on Fri 6 December</p> <p>Yellow warning of wind</p> <p>Areas affected: Central, Tayside &amp; Fife   Grampian   North East England   SW Scotland, Lothian Borders   Yorkshire &amp; Humber</p> <p>Starts: 06:00 GMT on Sat 7 December Ends: 06:00 GMT on Sun 8 December</p> <p>Strong winds associated with Storm Darragh likely leading to some disruption and damage.</p> <ul style="list-style-type: none"> <li>- Injuries and danger to life from flying debris are possible</li> <li>- Some damage to buildings, such as tiles blown from roofs, could happen</li> <li>- Road, rail, air and ferry services may be affected, with longer journey times and cancellations possible</li> <li>- Power cuts may occur, with the potential to affect other services, such as mobile phone coverage</li> <li>- Injuries and danger to life could occur from large waves and beach material being thrown onto sea fronts, coastal roads and properties</li> </ul>

Weather	Source	Commentary
		- Some roads and bridges may close Issued at: 10:59 GMT on Fri 6 December
		<b>Flood Warnings</b> 0 severe flood warning, 9 flood warnings and 120 flood alerts issued for England.  0 severe flood warning, 1 flood warnings and 11 flood alerts issued for Scotland.  0 severe flood warning, 0 flood warnings and 51 flood alerts issued for Wales.

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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>