



# NESO

## National Electricity Transmission System Status report

NESO National Electricity Transmission System Status Report  
Wednesday 01 October 2025

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>	11600 MW (SP 40)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1150 MW

### Balancing Costs

Last 24 hours' BM spend      Total: £2205k



### Yesterday's Market Summary

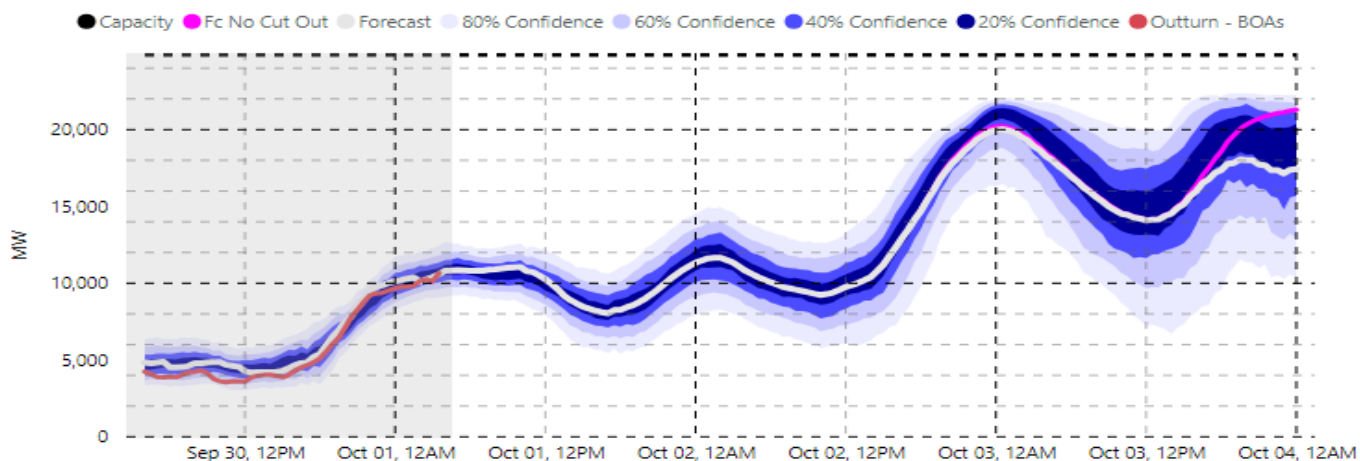
<a href="#">Cash Out Price (Max)</a>	£164.90 / MWh (SP 36)
<a href="#">Cash Out Price (Min)</a>	£19.59 / MWh (SP 43)
<a href="#">Peak Demand Yesterday</a>	33,202 MW
<a href="#">Minimum Demand</a>	19,600 MW

### Interconnector

#### Net Transfer Capacity (MWs)

Today	Import	Export	Remarks
Netherlands (BritNed)	1000	1000	Fully Available
Belgium (Nemo)	1000	1000	Fully Available
Ireland (EWIC)	500	500	Fully Available
Northern Ireland (MOYLE)	500	500	Fully Available
Norway (NSL)	1400	1400	Fully Available
France (IFA2)	1000	1000	Fully Available
Ireland (GreenLink)	500	500	Fully Available
Viking Link	1400	1400	Fully Available
France (ElecLink)	1000	1000	Fully Available
France (IFA)	500	500	Planned / Fault Outage

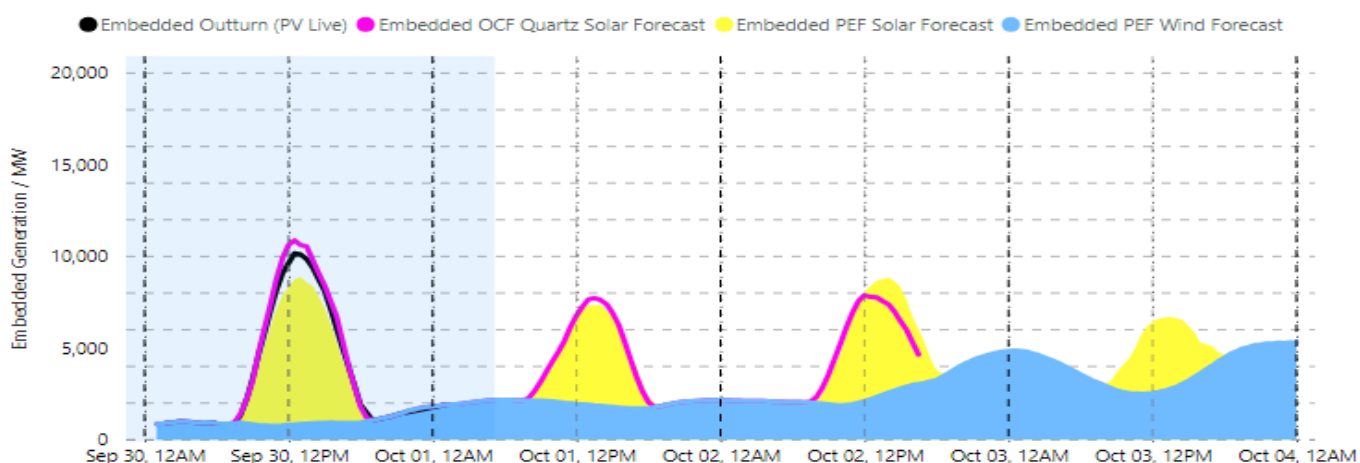
## Wind Power Forecast



## Expected embedded generation (MWs)

### Embedded Generation Forecast

Embedded Generation (non-metered) Estimates																	Last run: 30-Sep-2025 04:31:58
	29-SEP-2025					30-SEP-2025					01-OCT-2025						
	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	562	9566	1929	0	0	0	726	7962	2383	0	0	0	476	5075	2099	0
Wind (MW)	252	322	282	423	676	840	965	890	788	969	1417	1654	1913	1936	1735	1746	2227
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	252	884	9848	2352	676	840	965	1616	8750	3352	1417	1654	1913	2412	6810	3845	2227



Weather	Source	Commentary
Latest forecast (Summary)	<a href="#">Met Office</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<b>Today:</b> Cloudy and breezy in the north. Heavy rain will gradually clear to the east, but further rain is expected for western Scotland. Mostly dry elsewhere with sunny spells developing.  <b>Tonight:</b> A spell of persistent and heavy rain will move into Northern Ireland and Scotland, and some parts of Wales and northwest England. Remaining dry and chilly elsewhere with patchy cloud and fog. Overall, a little milder than previous nights.
General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings	<a href="#">Met Office</a> <a href="#">Weather Warning</a> <a href="#">England Flood Warning</a> <a href="#">SEPA</a> <a href="#">Natural</a>	<b>UK Weather Warnings</b> Yellow warning of rain Yellow - Possible  Areas affected: Central, Tayside & Fife, Highlands & Eilean Siar, Strathclyde Starts: 17:00 BST Wednesday 1 October Ends: 06:00 BST Friday 3 October

Weather	Source	Commentary
	<a href="#">Resources</a> <a href="#">Wales</a>	<p>Persistent, heavy rain may lead to transport disruption and flooding.</p> <ul style="list-style-type: none"> <li>- Spray and flooding could lead to difficult driving conditions and some road closures</li> <li>- Homes and businesses could be flooded, causing damage to some buildings</li> <li>- Some communities may be cut off by flooded roads</li> <li>- Delays or cancellations to train and bus services are possible</li> <li>- Possible power cuts and loss of other services to some homes and businesses</li> <li>- Fast flowing or deep floodwater is possible, causing a danger to life</li> </ul> <p><b>Flood Warnings</b></p> <p>0 flood warning and 0 flood alerts issued for England.</p> <p>0 flood warnings and 3 flood alerts issued for Scotland.</p> <p>0 flood warnings and 0 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>