



# NESO National Electricity Transmission System Status report

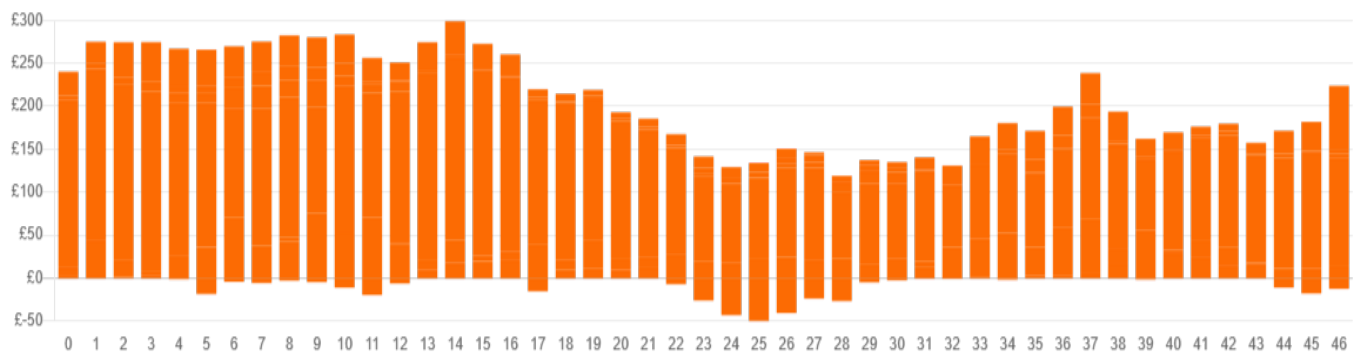
NESO National Electricity Transmission System Status Report  
Thursday 02 October 2025

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>	12,225 MW (SP 38)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1150 MW

### Balancing Costs

Last 24 hours' BM spend      Total: £9381k



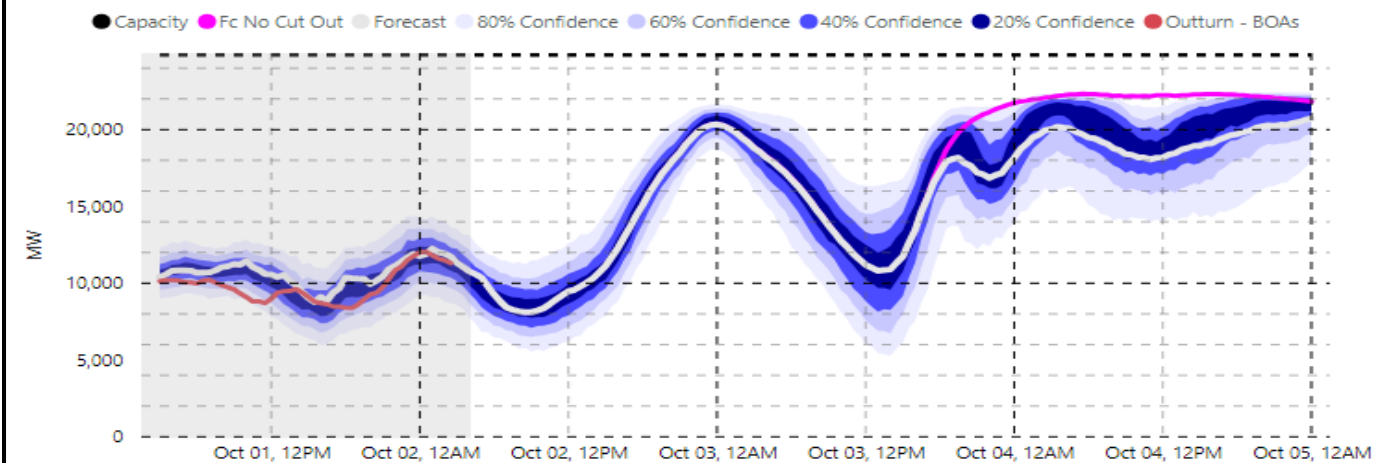
### Yesterday's Market Summary

<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)	1000	1000	Planned / Fault Outage

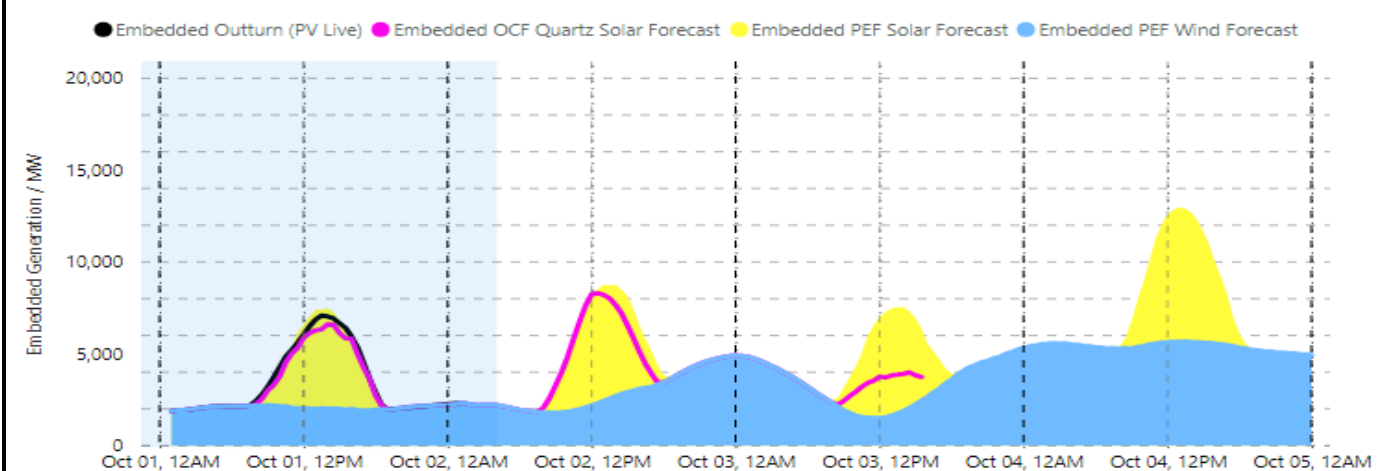
## Wind Power Forecast



## Expected embedded generation (MWs)

### Embedded Generation Forecast

Embedded Generation (non-metered) Estimates																	Last run: 02-Oct-2025 04:31:42	
	01-OCT-2025					02-OCT-2025					03-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	237	3944	2606	0	0	0	430	6397	1551	0	0	0	273	3819	671	0	
Wind (MW)	2195	2205	2054	1922	2132	2262	2143	1850	2264	3304	4581	5057	3738	2415	1565	3197	4740	
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total (MW)	2195	2442	5998	4528	2132	2262	2143	2280	8661	4855	4581	5057	3738	2688	5384	3868	4740	



Weather	Source	Commentary
Latest forecast (Summary)	<a href="#">Met Office</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<b>Today:</b> Widely cloudy in the north and west with rain becoming widespread and heavy by the afternoon. Dry in the southeast with some sunshine, before cloud builds from the northwest later.  <b>Tonight:</b> Often cloudy across Scotland, Northern Ireland and northern England, with outbreaks of rain. The rain heavy at times in the west. Further south, remaining dry with patchy fog returning to the countryside under any clearer skies.
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 Active Warning Started: 17:00 BST Wednesday 1 October

Weather	Source	Commentary
	<a href="#">Resources</a> <a href="#">Wales</a>	Ends:23:59 BST Thursday 2 October Persistent, heavy rain may lead to transport disruption and flooding.
		<b>Flood Warnings</b> 0 flood warning and 0 flood alerts issued for England. 0 flood warnings and 5 flood alerts issued for Scotland. 0 flood warnings and 0 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>