



# NESO

## National Electricity Transmission System

### Status report

NESO National Electricity Transmission System Status Report  
Tuesday 22 July 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>	5037 MW (SP 38)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	950 MW

### Balancing Costs

Last 24 hours' BM spend      Total: £1065k



### Yesterday's Market Summary

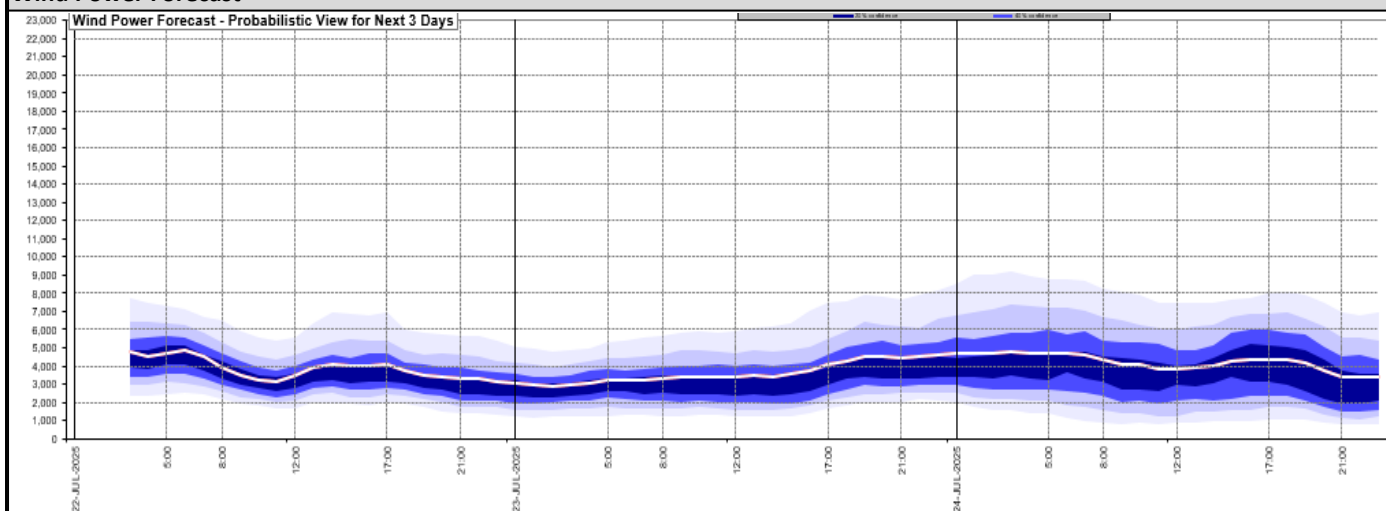
<a href="#">Cash Out Price (Max)</a>	£114 /MWh (SP 45)
<a href="#">Cash Out Price (Min)</a>	£61.67 /MWh (SP 25,26)
<a href="#">Peak Demand Yesterday</a>	28,724 MW
<a href="#">Minimum Demand</a>	18,987 MW

### 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)	2000	2000	Fully Available

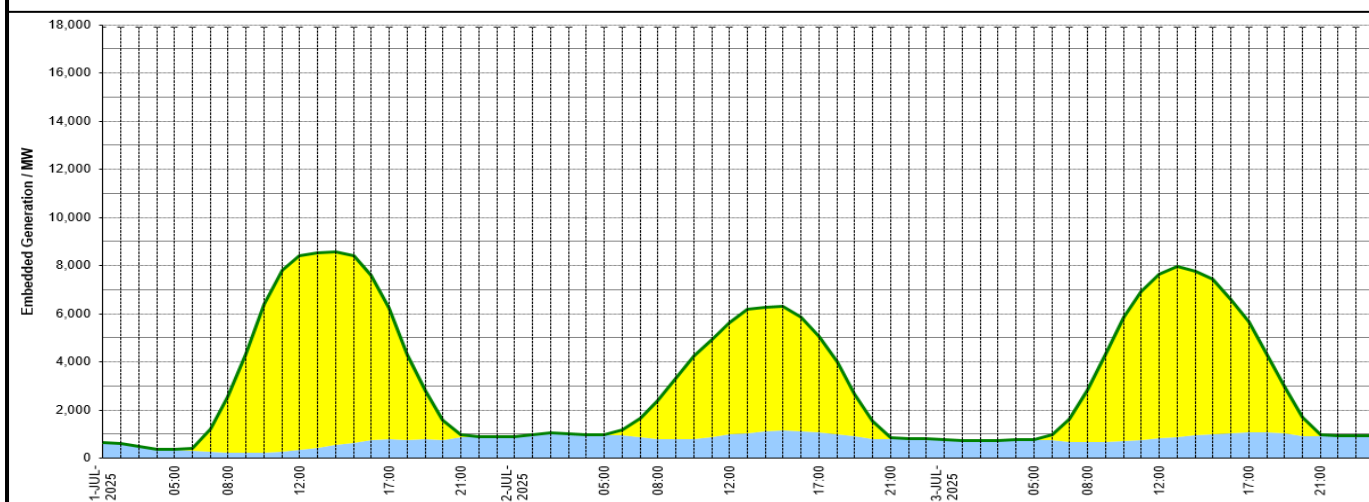
## Wind Power Forecast



## Expected embedded generation (MWs)

### Embedded Generation Forecast

Embedded Generation (non-metered) Estimates																	Last run: 22-Jul-2025 04:31:44		
	21-JUL-2025					22-JUL-2025					23-JUL-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	2350	8065	5445	80	0	0	1585	4646	3998	61	0	0	2153	6801	4601	64		
Wind (MW)	349	209	342	785	881	901	968	802	991	1057	792	778	761	672	823	1070	914		
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total (MW)	349	2559	8407	6230	961	901	968	2387	5637	5055	853	778	761	2825	7624	5671	978		



Weather	Source	Commentary
Latest forecast (Summary)	<a href="#">Met Office</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<b>Today:</b> Rain across western Scotland eases through the day. Elsewhere a mixture of sunny spells and scattered, possibly thundery showers, mainly in the east later. Feeling warm in any sunny spells but cooler where rain and showers persist. <b>Tonight:</b> Light rain and drizzle in the far north and northwest at first with showers easing elsewhere with the odd isolated one persisting. Clear spells developing overnight.
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>	<b>UK Weather Warnings</b> Yellow warning of rain  Areas affected: Highlands & Eilean Siar, Strathclyde Active Warning Started: 15:00 BST Monday 21 July Ends: 06:00 BST Tuesday 22 July Heavy rain may cause some flooding and travel disruption - Spray and flooding on roads probably making journey times longer - Bus and train services probably affected with journey times taking longer

Weather	Source	Commentary
		<ul style="list-style-type: none"> <li>- Some interruption to power supplies and other services likely</li> <li>- Flooding of a few homes and businesses is likely</li> </ul>
		<b>Flood Warnings</b> 0 flood warning and 18 floods alert issued for England.  3 flood warning and 16 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>