



# NESO

## National Electricity Transmission System Status report



NESO National Electricity Transmission System Status Report  
Saturday 16 August 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>	7272 MW (SP 47)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	950 MW

### Balancing Costs

Last 24 hours' BM spend      Total: £1383k



### Yesterday's Market Summary

<a href="#">Cash Out Price (Max)</a>	£107.69 / MWh (SP 39)
<a href="#">Cash Out Price (Min)</a>	£32.50 / MWh (SP 25)
<a href="#">Peak Demand Yesterday</a>	28,186 MW (SP 42)
<a href="#">Minimum Demand</a>	18,700 MW

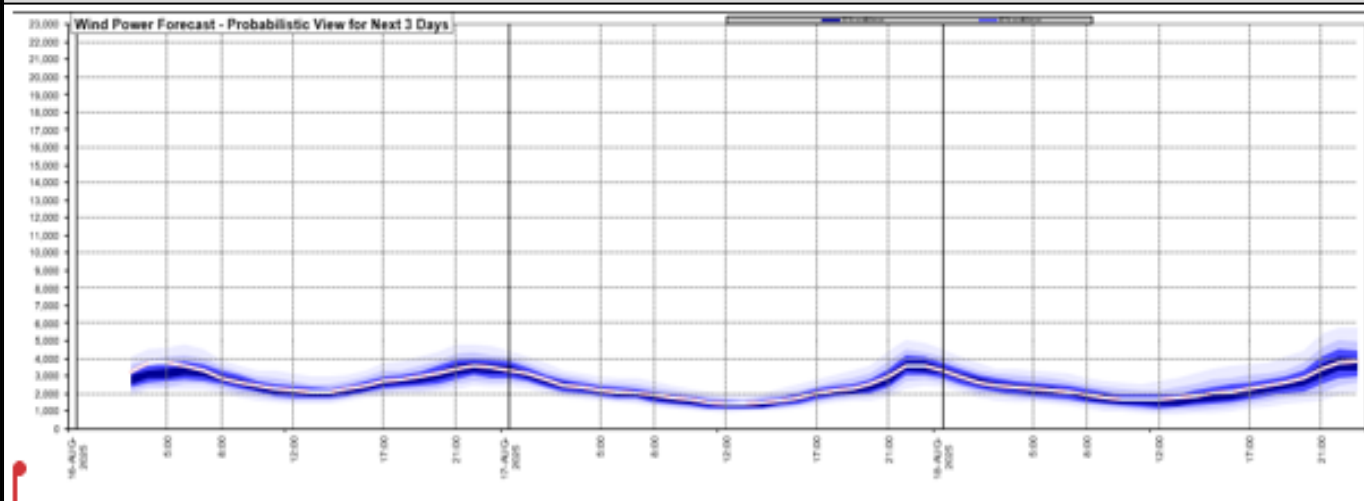
### Interconnector

#### 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



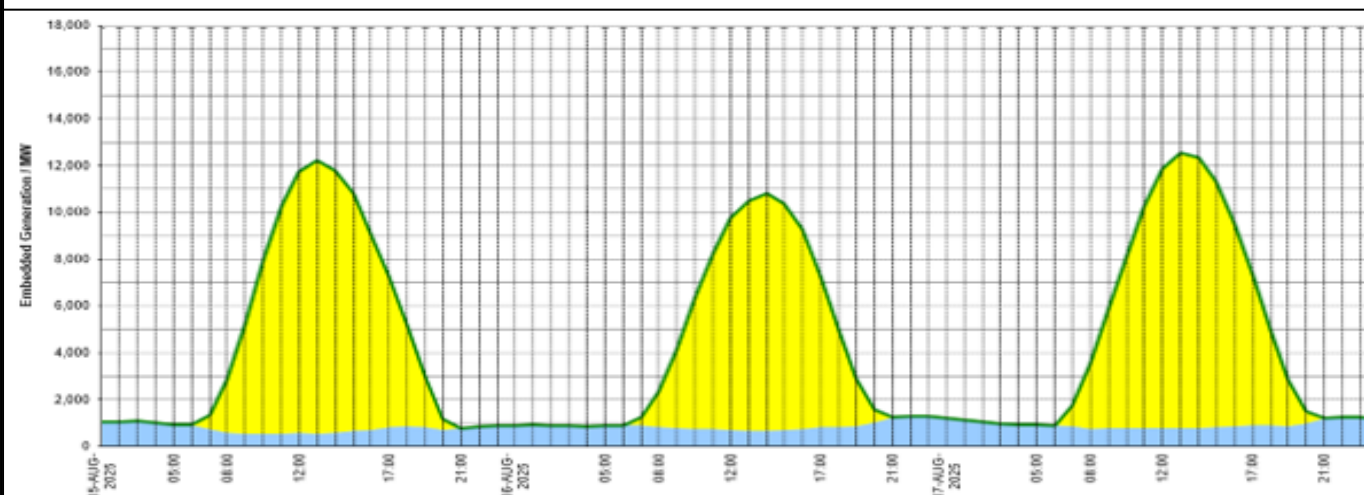
## Wind Power Forecast



## Expected embedded generation (MWs)

### Embedded Generation Forecast

Embedded Generation (non-metered) Estimates																Last run: 16-Aug-2025 04:31:40	
	15-AUG-2025					16-AUG-2025					17-AUG-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	2282	11185	6407	0	0	0	1526	9055	6459	0	0	0	2788	11057	6470	0
Wind (MW)	943	572	564	630	776	877	882	812	712	807	1239	1211	907	730	800	888	1206
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	943	2854	11729	7237	776	877	882	2338	9767	7276	1239	1211	907	3528	11857	7358	1206



Weather	Source	Commentary
Latest forecast (Summary)	<a href="#">Met Office</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<b>Today:</b> Low cloud across central and eastern areas gradually breaking to sunny spells for the afternoon. More prolonged sunshine elsewhere but with gusty winds developing across southwest England. Very warm in the sun, less so where cloud persists. <b>Tonight:</b> Dry across most of the UK, though some light rain possible across Shetland. Cloud returning to eastern regions but less extensively than the previous night. Still gusty in the southwest.
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> No weather warnings are in force for the UK  <b>Flood Warnings</b> 0 flood warning and 0 floods alert issued for England.  0 flood warning and 0 flood alerts issued for Scotland.  0 flood warnings and 0 flood alerts issued for Wales.



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>