

# NESO

## National Electricity Transmission System Status report

NESO National Electricity Transmission System Status Report  
Friday 18 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>	5049 MW (SP 48)	
Current BMU Largest Loss Risk	Generation	1500 MW
	Demand	1150 MW

### Balancing Costs

Last 24 hours' BM spend      Total: £2443k



### Yesterday's Market Summary

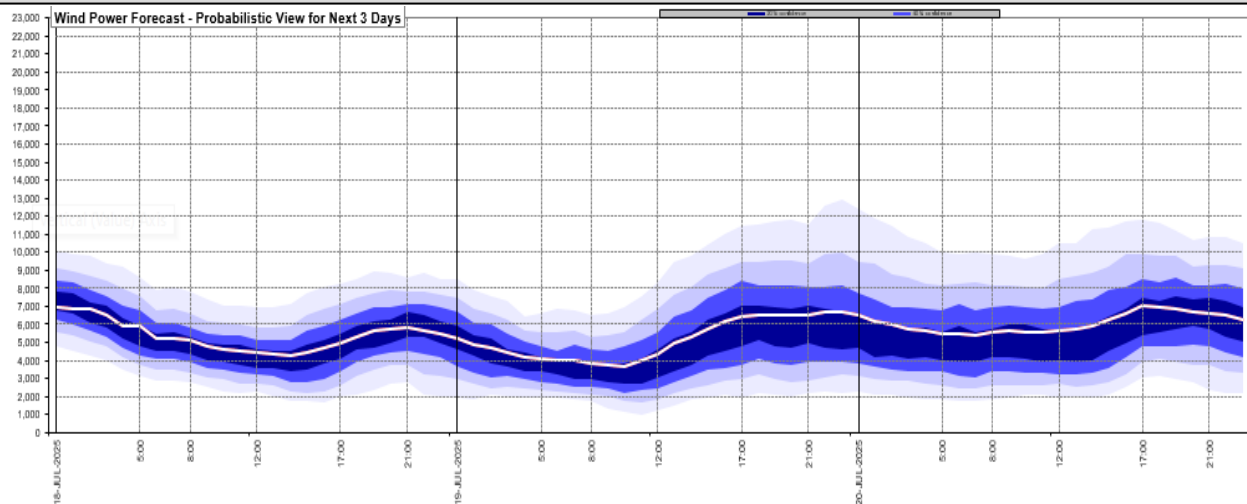
<a href="#">Cash Out Price (Max)</a>	£110.00 /MWh (SP 8)
<a href="#">Cash Out Price (Min)</a>	£60.00 /MWh (SP 32)
<a href="#">Peak Demand Yesterday</a>	29,388 MW
<a href="#">Minimum Demand</a>	19,813 MW

### 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	Reduced Availability 06:00hrs to 16:00hrs

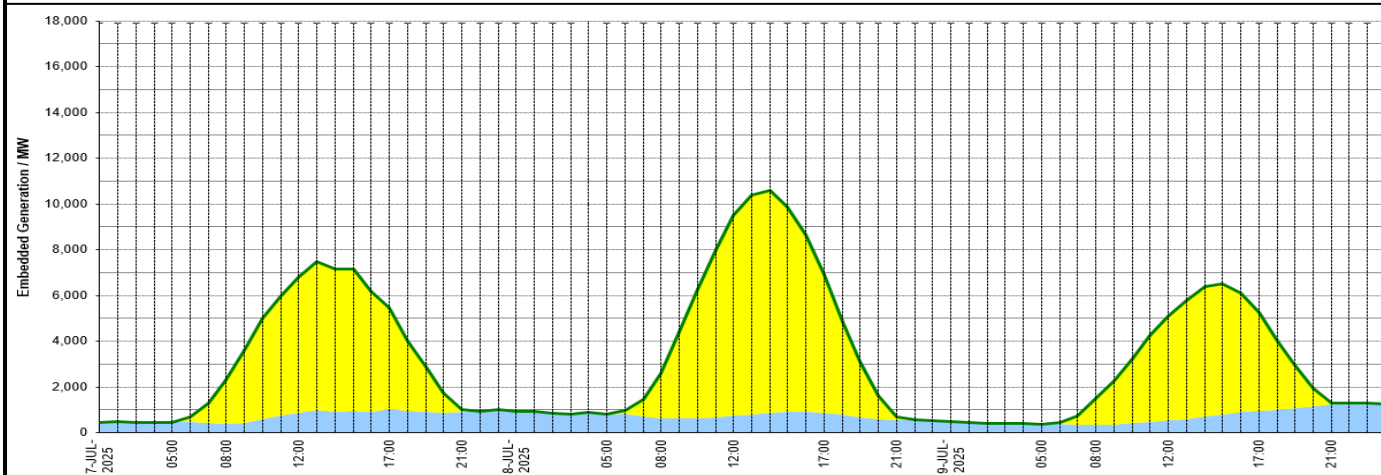
## Wind Power Forecast



## Expected embedded generation (MWs)

### Embedded Generation Forecast

	17-JUL-2025					18-JUL-2025					19-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
Solar (MW)	0	1920	5946	4420	114	0	0	1981	8765	6054	120	0	0	1168	4575
Wind (MW)	464	401	864	1020	899	932	800	614	743	871	564	471	382	332	532
STOR (MW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (MW)	464	2321	6810	5440	1013	932	800	2595	9508	6925	684	471	382	1500	5107



Weather	Source	Commentary
Latest forecast (Summary)	<a href="#">Met Office</a> <a href="#">SEPA</a> <a href="#">Natural Resources Wales</a>	<b>Today:</b> Cloud with outbreaks of rain spreading slowly east, with potentially thundery showers developing across North Wales, southern Scotland, and parts of northern England during the afternoon. Elsewhere, largely dry and bright. Feeling very warm and humid, particularly in the east. <b>Tonight:</b> Showers across northeastern areas will gradually clear before another band of thundery rain moves into southern areas overnight. This potentially torrential rain will track northwards, mainly affecting eastern parts.
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 thunderstorms Yellow - Possible  Areas affected: East Midlands, North East England, Yorkshire & Humber Starts: 12:00 BST Friday 18 July Ends: 20:00 BST Friday 18 July Thunderstorms bring the potential for the disruption to transport and infrastructure through Friday afternoon and evening.  - Some flooding of a few homes and businesses, leading to some damage to buildings or

Weather	Source	Commentary
		<p>structures</p> <ul style="list-style-type: none"> <li>- Some damage to a few buildings and structures from lightning strikes</li> <li>- Driving conditions will be affected by spray, standing water and/or hail, leading to longer journey times by car and bus</li> <li>- Delays to train services</li> <li>- Some short term loss of power and other services</li> </ul> <p>Issued:09:48 BST Thursday 17 July Yellow warning of thunderstorms Yellow - Possible</p> <p>Areas affected:East Midlands, East of England, London &amp; South East England, North East England, North West England, South West England, West Midlands, Yorkshire &amp; Humber Starts:21:00 BST Friday 18 July Ends:18:00 BST Saturday 19 July Areas of heavy, thundery rain may lead to disruption to transport and travel from late Friday through much of Saturday</p> <ul style="list-style-type: none"> <li>- Flooding of homes and businesses could happen quickly, with damage to some buildings from floodwater, lightning strikes, hail or strong winds</li> <li>- Fast flowing or deep floodwater is possible, causing a danger to life</li> <li>- Where flooding or lightning strikes occur, there is a chance of delays and some cancellations to train and bus services</li> <li>- Spray and sudden flooding could lead to difficult driving conditions and some road closures</li> <li>- Some communities might become cut off if roads flood</li> <li>- Power cuts might occur and other services to some homes and businesses could be lost</li> </ul> <p>Issued:</p> <p><b>Flood Warnings</b> 0 flood warning and 0 floods alert issued for England.</p> <p>0 flood warning and 0 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>