



# NESO

## National Electricity Transmission System Status report

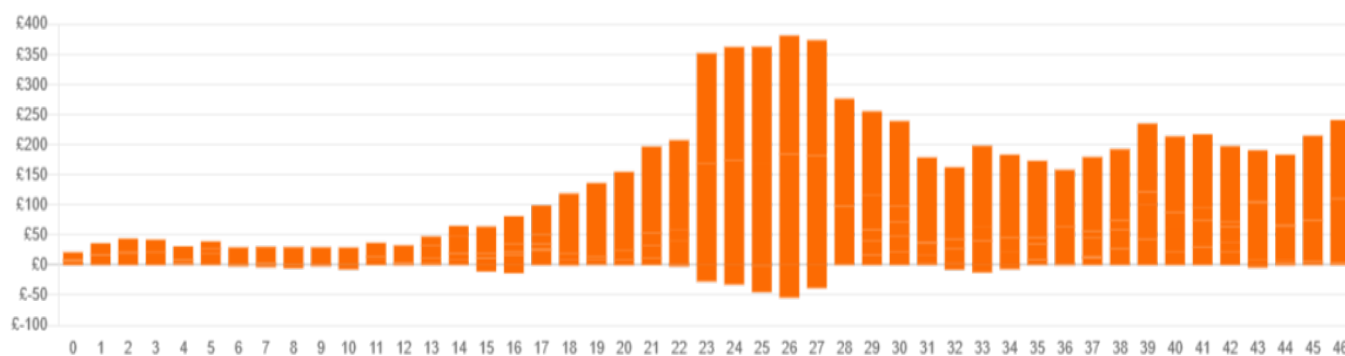
NESO National Electricity Transmission System Status Report  
Sunday 07 September 2025

| 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> | 19.1 MW (SP 3) |         |
| Current BMU Largest Loss Risk                   | Generation     | 1500 MW |
|                                                 | Demand         | 1150 MW |

### Balancing Costs

Last 24 hours' BM spend      Total: £7054k



### Yesterday's Market Summary

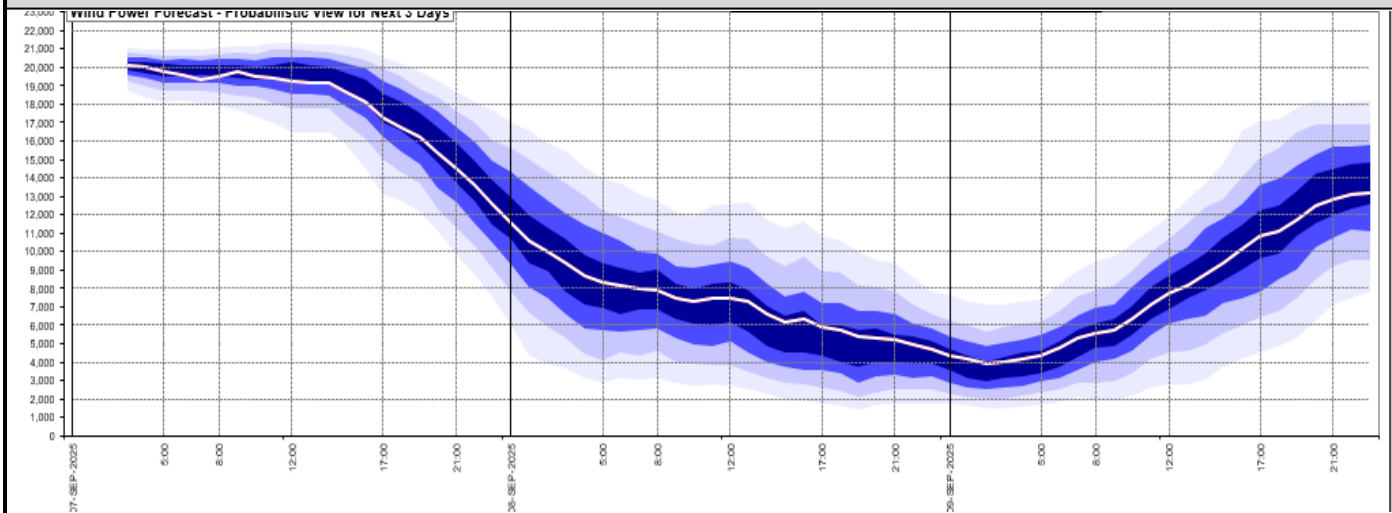
|                                       |                       |
|---------------------------------------|-----------------------|
| <a href="#">Cash Out Price (Max)</a>  | £115. MWh (SP 7)      |
| <a href="#">Cash Out Price (Min)</a>  | -£89.87 / MWh (SP 27) |
| <a href="#">Peak Demand Yesterday</a> | 25,272 MW (SP 27)     |
| <a href="#">Minimum Demand</a>        | 15,270 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 |

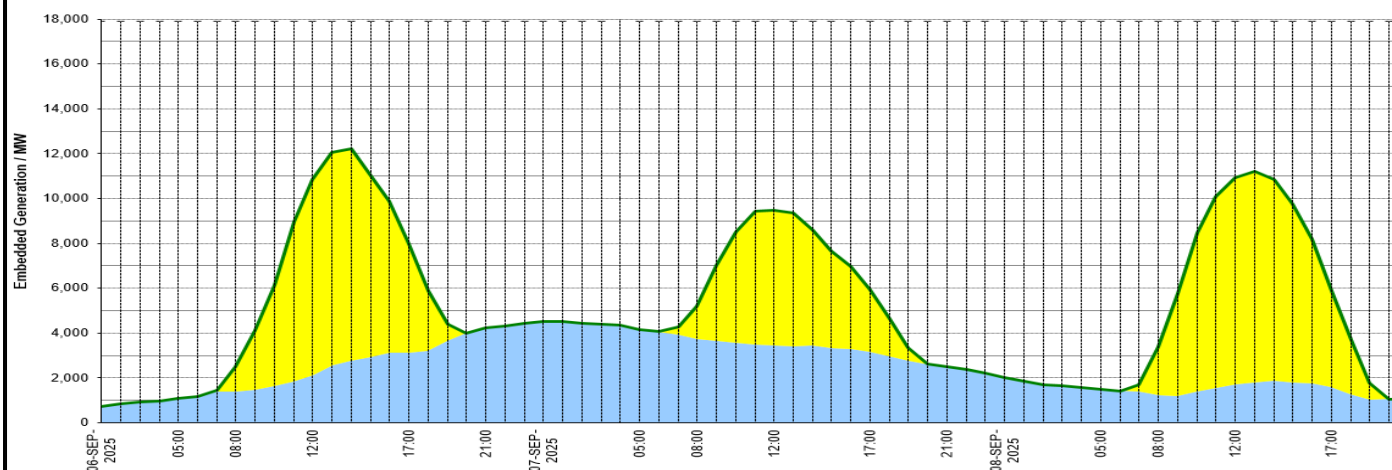
## Wind Power Forecast



## Expected embedded generation (MWs)

### Embedded Generation Forecast

|            | 06-SEP-2025 |       |       |       |       | 07-SEP-2025 |       |       |       |       | 08-SEP-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 |
| Solar (MW) | 0           | 1103  | 8696  | 4850  | 0     | 0           | 0     | 1472  | 6026  | 2781  | 0           | 0     | 0     | 2130  | 9235  | 4277  |
| Wind (MW)  | 1075        | 1405  | 2134  | 3122  | 4226  | 4502        | 4166  | 3709  | 3448  | 3145  | 2515        | 1999  | 1509  | 1236  | 1704  | 1610  |
| STOR (MW)  | 0           | 0     | 0     | 0     | 0     | 0           | 0     | 0     | 0     | 0     | 0           | 0     | 0     | 0     | 0     | 0     |
| Total (MW) | 1075        | 2508  | 10830 | 7972  | 4226  | 4502        | 4166  | 5181  | 9474  | 5926  | 2515        | 1999  | 1509  | 3366  | 10939 | 5887  |



| Weather                                                                          | Source                                                                                                                            | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Latest forecast (Summary)                                                        | <a href="#">Met Office</a><br><a href="#">SEPA</a><br><a href="#">Natural Resources Wales</a>                                     | <b>Today:</b><br>Outbreaks of rain spreading northeastwards, heavy at times, though some eastern areas possibly staying dry. Sunny spells and showers follow. Windy, with coastal gales shifting to Scotland. Feeling humid.<br><b>Tonight:</b><br>Coastal gales developing in the Irish Sea as outbreaks of rain approach the far west towards dawn. Dry with clear spells elsewhere but turning breezy with strong winds on higher ground. A muggy night for many. |
| General Weather Concerns<br>e.g. wind, rain, snow, flooding, GB Weather Warnings | <a href="#">Met Office</a><br><a href="#">Weather Warnings</a><br><a href="#">SEPA</a><br><a href="#">Natural Resources Wales</a> | <b>UK Weather Warnings</b><br>No weather warnings are in force for the UK<br><br><b>Flood Warnings</b><br>0 flood warning and 1 floods alert issued for England.<br><br>0 flood warning and 0 flood alerts issued for Scotland.                                                                                                                                                                                                                                      |

| Weather | Source | Commentary                                            |
|---------|--------|-------------------------------------------------------|
|         |        | 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> |