



# NESO National Electricity Transmission System Status report

NESO National Electricity Transmission System Status Report  
Sunday 20 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> | 6831 MW (SP 48) |         |
| Current BMU Largest Loss Risk                   | Generation      | 1500 MW |
|   | Demand          | 1050 MW |

### Balancing Costs

Last 24 hours' BM spend      Total: £2239k



### Yesterday's Market Summary

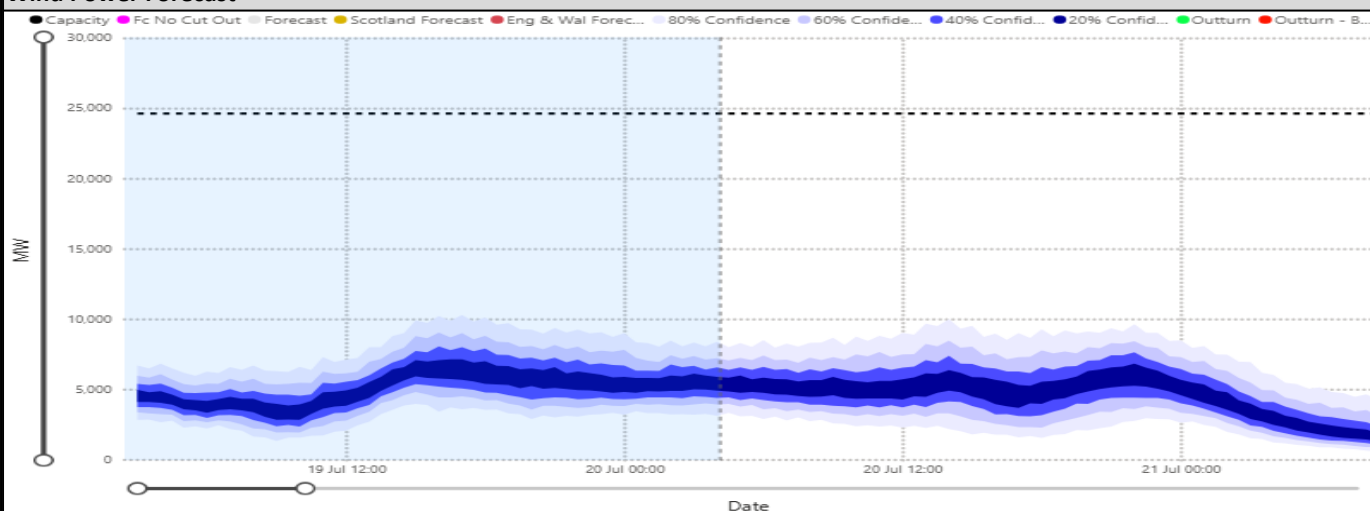
|                                       |                         |
|---------------------------------------|-------------------------|
| <a href="#">Cash Out Price (Max)</a>  | £114.90 /MWh (SP 21-22) |
| <a href="#">Cash Out Price (Min)</a>  | £40 /MWh (SP 30)        |
| <a href="#">Peak Demand Yesterday</a> | 26,120 MW               |
| <a href="#">Minimum Demand</a>        | 19,187 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)             | 1500   | 1500   | Reduced Available |

## Wind Power Forecast



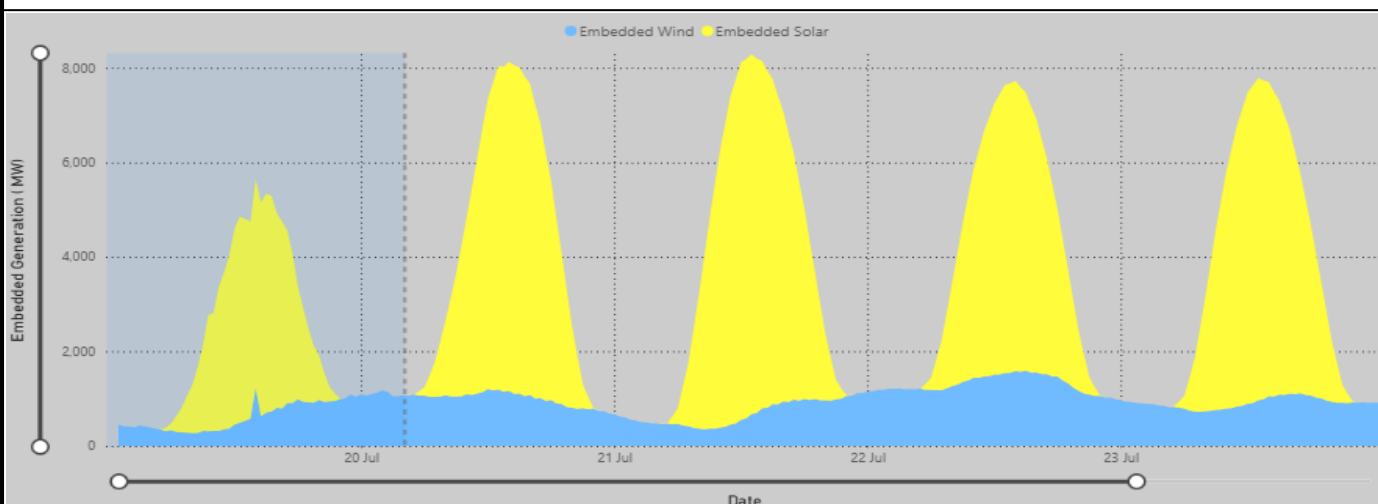
## Expected embedded generation (MWs)

### Embedded Generation Forecast

#### Embedded Generation (non-metered) Estimates

Last run: 20-Jul-2025 02:31:44

|            | 19-JUL-2025 |       |       |       |       | 20-JUL-2025 |       |       |       |       | 21-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           | 902   | 4105  | 3992  | 80    | 0           | 0     | 1223  | 6454  | 5180  | 95          | 0     | 0     | 2411  | 7866  |
| Wind (MW)  | 379         | 302   | 416   | 859   | 956   | 1050        | 1206  | 1171  | 1144  | 1027  | 861         | 747   | 483   | 346   | 537   |
| STOR (MW)  | 0           | 0     | 0     | 0     | 0     | 0           | 0     | 0     | 0     | 0     | 0           | 0     | 0     | 0     | 0     |
| Total (MW) | 379         | 1204  | 4521  | 4851  | 1036  | 1050        | 1206  | 2394  | 7598  | 6207  | 956         | 747   | 483   | 2757  | 8403  |



| 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>Cloudy and rather humid at first with bands of rain spreading steadily northwards, heaviest in the southwest and across Scotland. Brighter by the afternoon but the risk of heavy, thundery showers remains. Fresher for many, feeling warm in the sunshine.<br><br><b>Tonight:</b><br>Rain continues to affect Scotland and Northern Ireland overnight, whilst further heavy showers spread into the south, Drier with clear spells across Wales and central England. Mild but less muggy. |
| 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>Yellow - Rain<br>Saturday 19 July - 20th July<br>Central, Tayside & Fife, Grampian, Highlands & Eilean Siar, North East England, North West England, SW Scotland, Lothian Borders, Strathclyde<br><br>Yellow - Rain  |

| Weather | Source | Commentary   |
|---------|--------|--|
|         |        | Saturday 19 July - 20th July<br>London & South East England, South West England, Wales   |
|         |        | <b>Flood Warnings</b><br>0 flood warning and 8 floods alert issued for England.<br><br>0 flood warning and 16 flood alerts issued for Scotland.<br><br>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> |