

**NESO**  
**National Electricity**  
**Transmission**  
**System**  
Status report



NESO National Electricity Transmission System Status Report  
Thursday 07 November 2024

| 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> | 9,875 MW (SP 36) |         |
| Current BMU Largest Loss Risk                   | Generation       | 1300 MW |
|   | Demand           | 1050 MW |

Balancing Costs

Last 24 hours' BM spend

Total: £698k



Yesterday's Market Summary

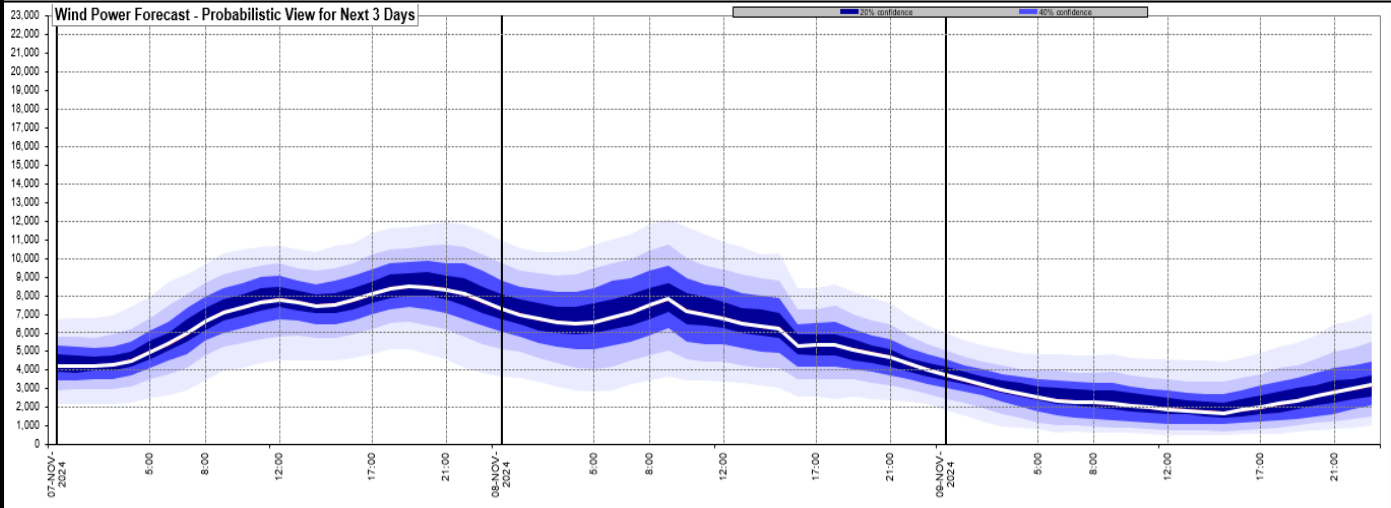
|                                       |                      |
|---------------------------------------|----------------------|
| <a href="#">Cash Out Price (Max)</a>  | 176.35 £/MWh (SP 32) |
| <a href="#">Cash Out Price (Min)</a>  | 67.41 £/MWh (SP 45)  |
| <a href="#">Peak Demand Yesterday</a> | 40,022 MW            |
| <a href="#">Minimum Demand</a>        | 21,381 MW            |

Interconnector

Net Transfer Capacity (MWs)

| Today                    | Import | Export | Remarks              |
|--------------------------|--------|--------|----------------------|
| Netherlands (BritNed)    | 1000   | 1000   | Fully Available      |
| France (IFA)             | 2000   | 2000   | Fully Available      |
| Belgium (Nemo)           | 1000   | 1000   | Fully Available      |
| Ireland (EWIC)           | 500    | 500    | Fully Available      |
| France (ElecLink)        | 0      | 0      | Unplanned Outage     |
| Northern Ireland (MOYLE) | 450    | 450    | Fully Available      |
| Norway (NSL)             | 1400   | 1400   | Fully Available      |
| France (IFA2)            | 0      | 0      | Unplanned Outage     |
| Viking Link              | 0      | 0      | Planned Outage       |
| Ireland (GreenLink)      | 0      | 0      | Not yet commissioned |

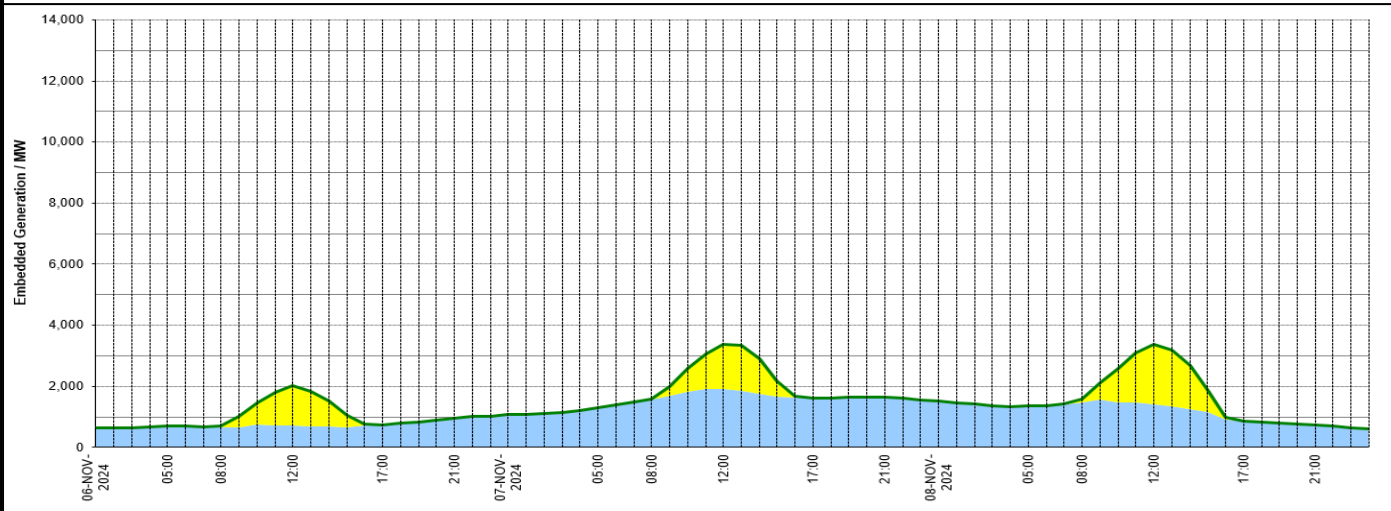
### Wind Power Forecast



### Expected embedded generation (MW)

#### Embedded Generation Forecast

| Embedded Generation Estimates |             |            |             |            |            |             |             |             |             |             |             |             | Last run: 07-Nov-2024 04:33:13 |             |             |            |            |
|-------------------------------|-------------|------------|-------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------------------|-------------|-------------|------------|------------|
|                               | 06-NOV-2024 |            |             |            |            | 07-NOV-2024 |             |             |             |             | 08-NOV-2024 |             |                                |             |             |            |            |
|                               | 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           | 32         | 1298        | 0          | 0          | 0           | 0           | 0           | 1463        | 0           | 0           | 0           | 0                              | 113         | 1956        | 0          | 0          |
| Wind (MW)                     | 695         | 666        | 713         | 738        | 965        | 1073        | 1287        | 1576        | 1921        | 1628        | 1633        | 1509        | 1350                           | 1487        | 1414        | 869        | 746        |
| STOR (MW)                     | 0           | 0          | 0           | 0          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0                              | 0           | 0           | 0          | 0          |
| <b>Total (MW)</b>             | <b>695</b>  | <b>698</b> | <b>2011</b> | <b>738</b> | <b>965</b> | <b>1073</b> | <b>1287</b> | <b>1576</b> | <b>3384</b> | <b>1628</b> | <b>1633</b> | <b>1509</b> | <b>1350</b>                    | <b>1600</b> | <b>3370</b> | <b>869</b> | <b>746</b> |



| Weather  | Source  | Commentary  |
|--|---|---|
| Latest forecast (Summary)  | <a href="#">Met Office</a><br><a href="#">SEPA</a><br><a href="#">Natural Resources Wales</a>                                     | <p><b>Today:</b><br/>Most areas will have another rather cloudy day with some hill fog and the odd patch of drizzle. Some sunshine across northern Scotland and locally elsewhere in the north and west, where also breezy. Mild where the sun breaks through.</p> <p><b>Tonight:</b><br/>Staying mostly cloudy and mild, with hill fog and some drizzle in places. Cloud breaking locally in the north and west to give clear intervals, and here turning rather chilly.</p> |
| 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> | <p><b>UK Weather Warnings</b><br/>No weather warnings are in force for the UK</p> <p><b>Flood Warnings</b><br/>0 flood warnings and 0 flood alerts 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>  |

| Further Information        |   |
|----------------------------|---|
| BM Reports                 | <a href="https://www.bmreports.com">https://www.bmreports.com</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> |