

# National Electricity Transmission System Status Report

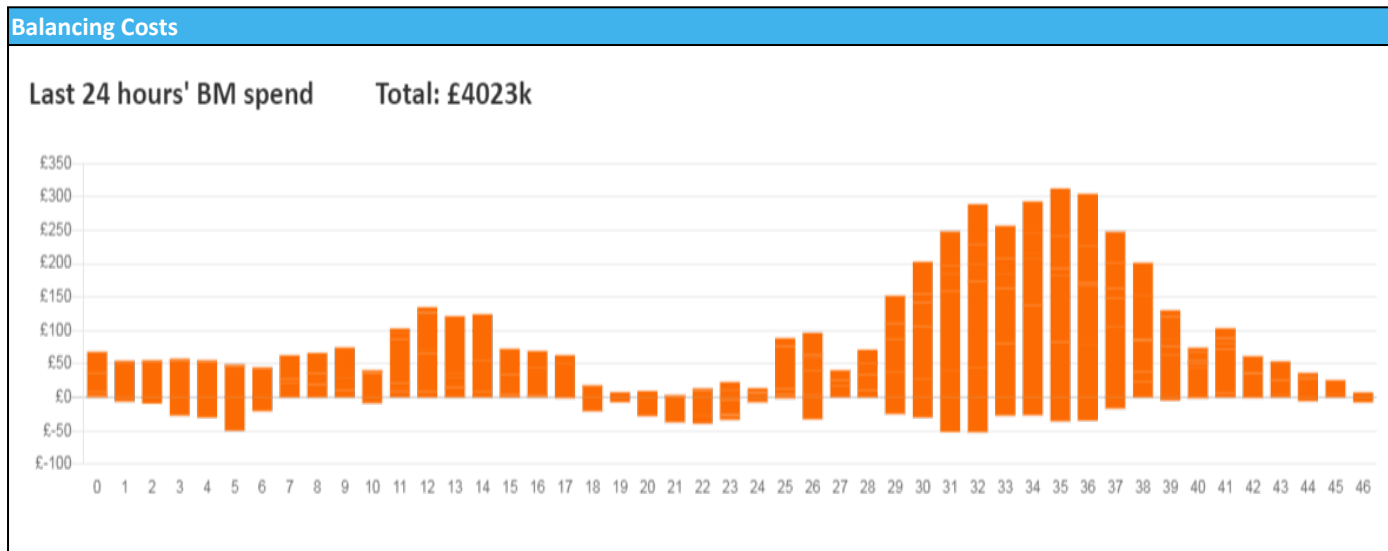


nationalgridESO

National Electricity Transmission System Status Report  
Friday 07 April 2023

| 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>                           |  |                |  |

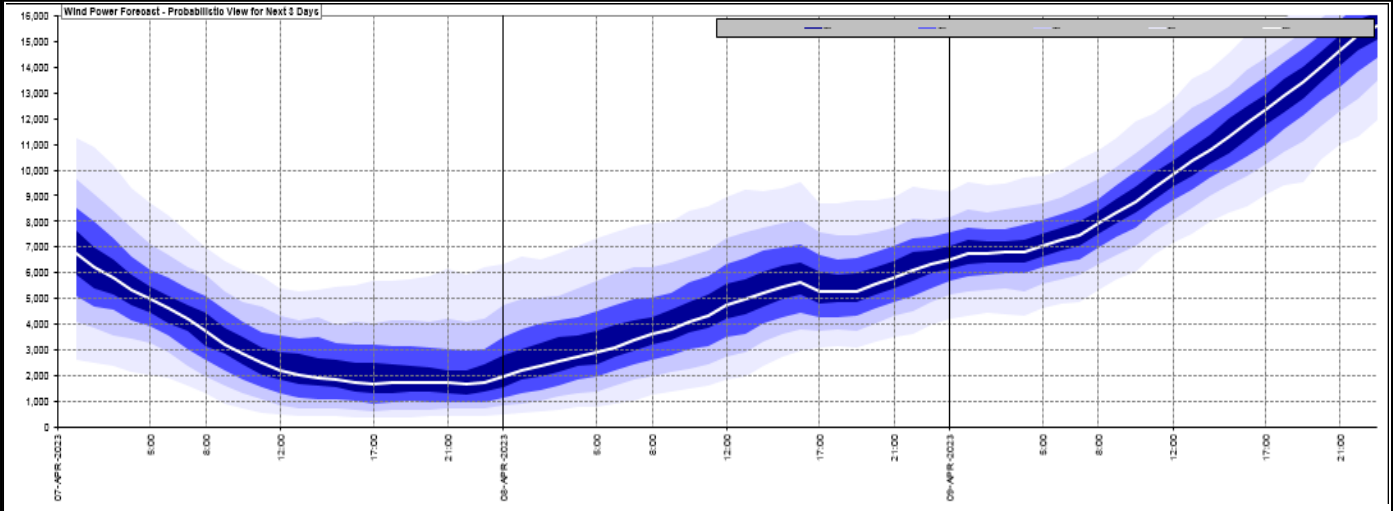
|                                                 |              |         |
|-------------------------------------------------|--------------|---------|
| <a href="#">Today's Minimum De-Rated Margin</a> | 8805 (SP 41) |         |
| Current BMU Largest Loss Risk                   | Generation   | 1300 MW |
|                                                 | Demand       | 700MW   |



| Yesterday's Market Summary            |                 |
|---------------------------------------|-----------------|
| <a href="#">Cash Out Price (Max)</a>  | £ 175(SP 17,18) |
| <a href="#">Cash Out Price (Min)</a>  | −£25 (SP 25)    |
| <a href="#">Peak Demand Yesterday</a> | 33,546 MW       |
| Minimum Demand                        | 20,970 MW       |

| Interconnector<br>Net Transfer Capacity (MWs) |        |        |                                       |
|-----------------------------------------------|--------|--------|---------------------------------------|
| Today                                         | Import | Export | Remarks                               |
| Netherlands (BritNed)                         | 1100   | 1133   | Fully Available                       |
| France (IFA)                                  | 1000   | 1000   | Partially Available - Bipole 1 outage |
| Belgium (Nemo)                                | 1000   | 1000   | Fully Available                       |
| Ireland (EWIC)                                | 500    | 530    | Fully Available                       |
| France (ElecLink)                             | 1014   | 1014   | Fully Available                       |
| Northern Ireland (MOYLE)                      | 500    | 500    | Fully Available                       |
| Norway (NSL)                                  | 1100   | 1100   | Partially Available                   |
| France (IFA2)                                 | 1014   | 1014   | Fully Available                       |

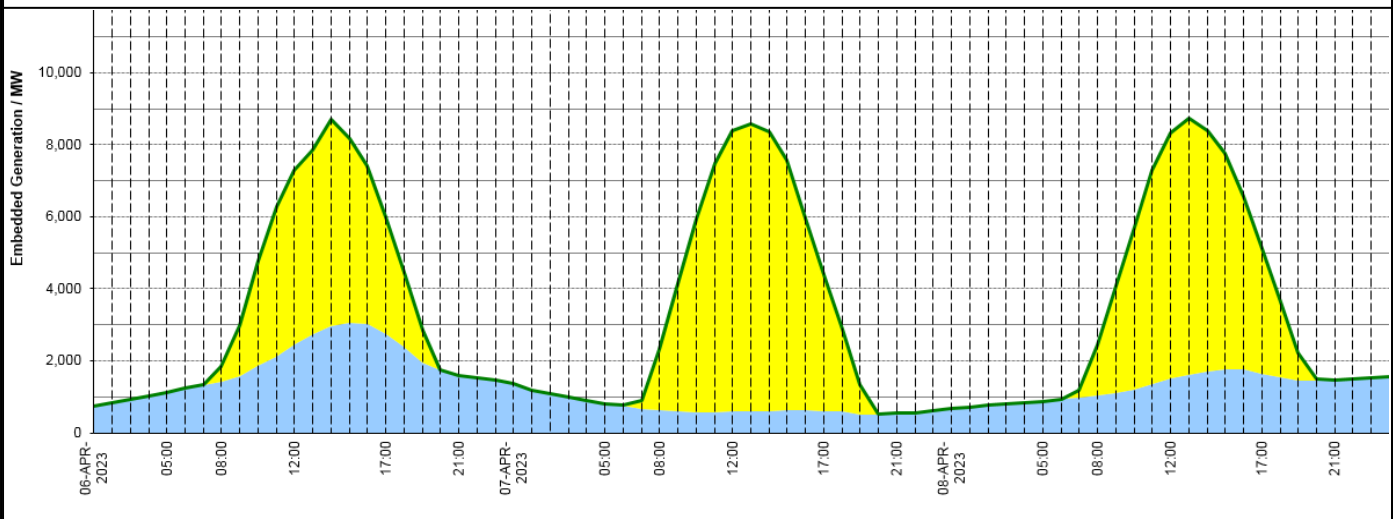
**Wind Power Forecast**



**Expected embedded generation (MWs)**

**Embedded Generation Forecast**

|                   | 06-APR-2023 |             |             |             |             | 07-APR-2023 |            |             |             |             | 08-APR-2023 |            |            |             |             |             |             |
|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|------------|------------|-------------|-------------|-------------|-------------|
|                   | 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           | 445         | 4841        | 3231        | 0           | 0           | 0          | 1685        | 7813        | 3790        | 0           | 0          | 0          | 1404        | 6827        | 3491        | 0           |
| Wind (MW)         | 1128        | 1406        | 2462        | 2756        | 1604        | 1368        | 818        | 628         | 587         | 611         | 543         | 671        | 873        | 1051        | 1503        | 1641        | 1472        |
| STOR (MW)         | 0           | 0           | 0           | 0           | 0           | 0           | 0          | 0           | 0           | 0           | 0           | 0          | 0          | 0           | 0           | 0           | 0           |
| <b>Total (MW)</b> | <b>1128</b> | <b>1851</b> | <b>7303</b> | <b>5987</b> | <b>1604</b> | <b>1368</b> | <b>818</b> | <b>2313</b> | <b>8400</b> | <b>4401</b> | <b>543</b>  | <b>671</b> | <b>873</b> | <b>2455</b> | <b>8330</b> | <b>5132</b> | <b>1472</b> |



| 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>A chilly start then most areas fine and dry with plenty of sunshine, conditions feeling pleasantly warm during the afternoon. Colder and cloudier for some North Sea coastal areas though.<br><b>Tonight:</b><br>Early evening showers fading, albeit slowly over parts of eastern England, leaving most areas with a cold night with clearing skies. Probably a few fog patches about by dawn. Some North Sea coastal areas perhaps cloudy again by dawn. |
| General Weather Concerns 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><b>Flood Warnings</b><br>24 flood alerts and 0 flood warnings for England.<br>0 flood alerts and 0 flood warnings for Scotland.<br>0 flood alert and 0 flood warnings for Wales.                                                                                                                                                                                                               |

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| Further Information        |                                                                                                                                                                   |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BM Reports                 | <a href="https://www.bmreports.com">https://www.bmreports.com</a>                                                                                                 |
| System Balancing Reports   | <a href="https://www.nationalgrideso.com/balancing-data/system-balancing-reports">https://www.nationalgrideso.com/balancing-data/system-balancing-reports</a>     |
| Forecast Volumes and Costs | <a href="https://www.nationalgrideso.com/balancing-data/forecast-volumes-and-costs">https://www.nationalgrideso.com/balancing-data/forecast-volumes-and-costs</a> |
| NGESO Insights             | <a href="https://www.nationalgrideso.com/insights">https://www.nationalgrideso.com/insights</a>                                                                   |