

# National Electricity Transmission System Status Report

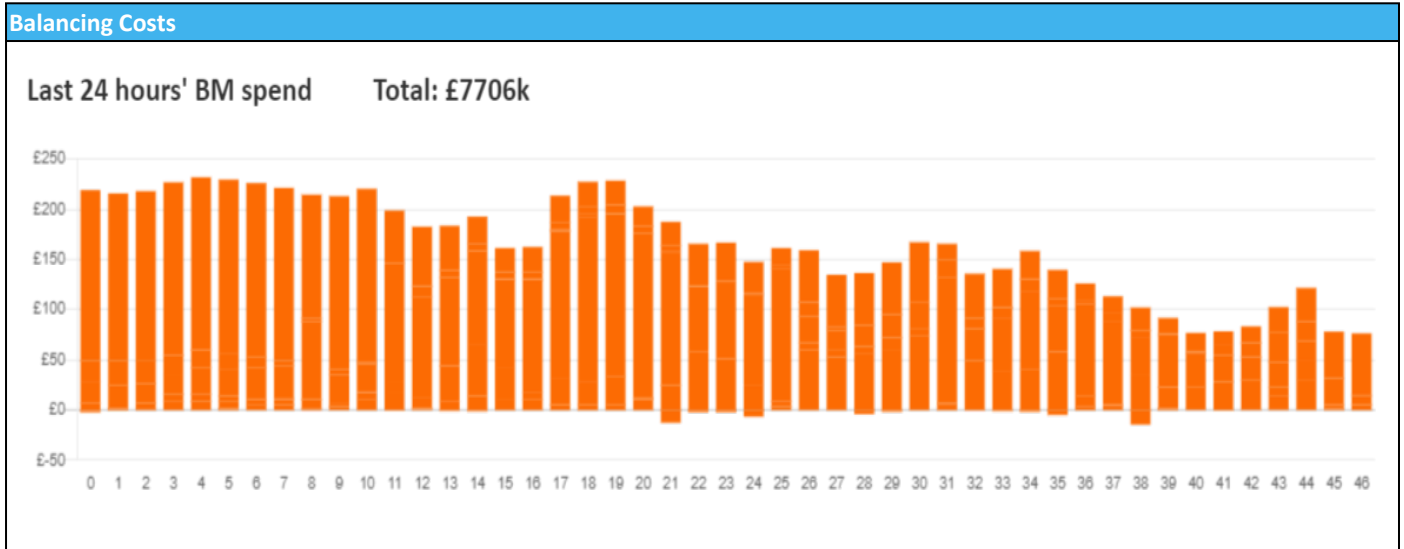


nationalgridESO

National Electricity Transmission System Status Report  
Saturday 20 April 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>                           |  |                |  |

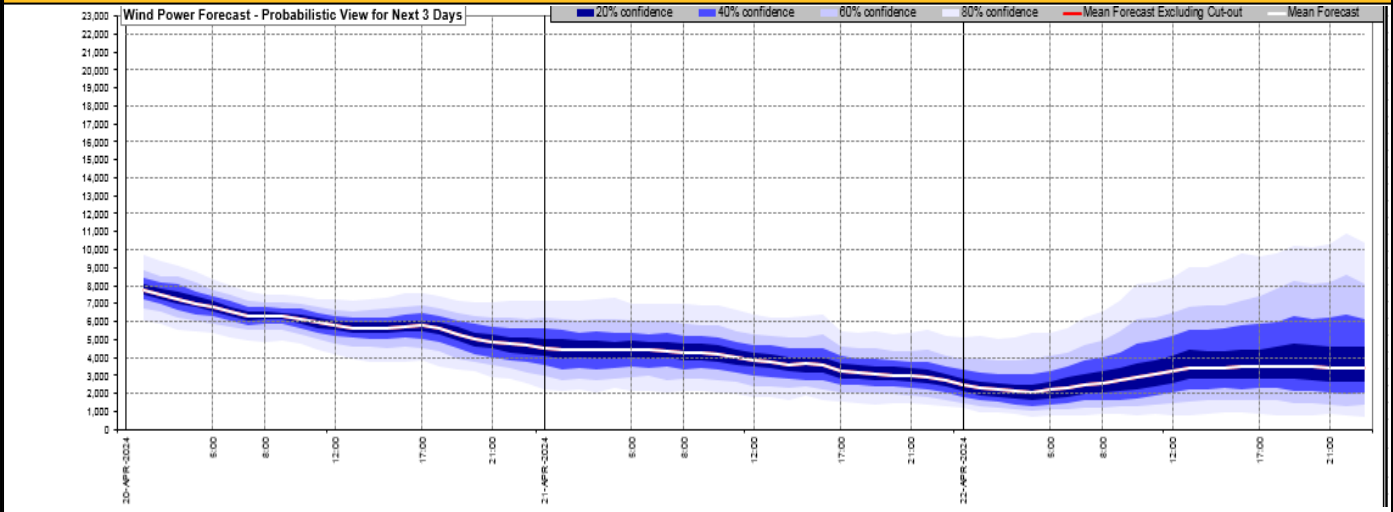
|   |               |         |
|---|---------------|---------|
| <a href="#">Today's Minimum De-Rated Margin</a> | 11854 (SP 41) |         |
| Current BMU Largest Loss Risk                   | Generation    | 1600 MW |
|   | Demand        | 1450 MW |



| Yesterday's Market Summary            |  |
|---------------------------------------|--|
| <a href="#">Cash Out Price (Max)</a>  | £105.8 (SP 41, 42, 43)                       |
| <a href="#">Cash Out Price (Min)</a>  | £-21.99 (SP 1,2,4,5,6,7,8,11,28,29,30,31,32) |
| <a href="#">Peak Demand Yesterday</a> | 31,966 MW                                    |
| Minimum Demand                        | 18,647 MW                                    |

| Interconnector Net Transfer Capacity (MWs) |        |        |                      |
|--|--------|--------|----------------------|
| Today                                      | Import | Export | Remarks              |
| Netherlands (BritNed)                      | 1000   | 1000   | Fully Available      |
| France (IFA)                               | 1000   | 1000   | Partially Available  |
| Belgium (Nemo)                             | 1000   | 1000   | Fully Available      |
| Ireland (EWIC)                             | 500    | 500    | Fully Available      |
| France (ElecLink)                          | 1000   | 1000   | Fully Available      |
| Northern Ireland (MOYLE)                   | 500    | 500    | Fully Available      |
| Norway (NSL)                               | 1400   | 1400   | Fully Available      |
| France (IFA2)                              | 1014   | 1014   | Fully Available      |
| Viking Link                                | 1400   | 1400   | Fully Available      |
| Ireland (GreenLink)                        | 0      | 0      | Not yet commissioned |

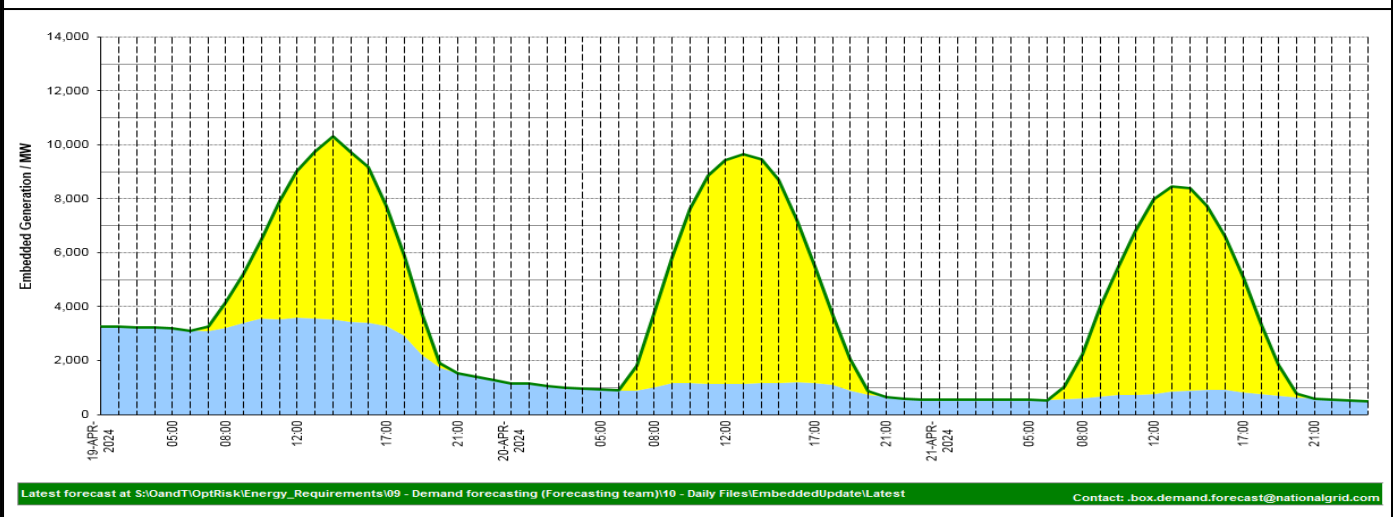
**Wind Power Forecast**



**Expected embedded generation (MWs)**

**Embedded Generation Forecast**

| Embedded Generation Estimates |             |             |             |             |             |             |            |             |             |             |             |            |            |             | Last run: 20-Apr-2024 04:32:41 |             |            |
|-------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|------------|------------|-------------|--------------------------------|-------------|------------|
|                               | 19-APR-2024 |             |             |             |             | 20-APR-2024 |            |             |             |             | 21-APR-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           | 950         | 5434        | 4464        | 0           | 0           | 0          | 2705        | 8292        | 4327        | 0           | 0          | 0          | 1641        | 7211                           | 4283        | 0          |
| Wind (MW)                     | 3210        | 3206        | 3584        | 3265        | 1518        | 1153        | 930        | 1015        | 1138        | 1174        | 653         | 552        | 540        | 591         | 762                            | 813         | 593        |
| STOR (MW)                     | 0           | 0           | 0           | 0           | 0           | 0           | 0          | 0           | 0           | 0           | 0           | 0          | 0          | 0           | 0                              | 0           | 0          |
| <b>Total (MW)</b>             | <b>3210</b> | <b>4156</b> | <b>9018</b> | <b>7729</b> | <b>1518</b> | <b>1153</b> | <b>930</b> | <b>3720</b> | <b>9430</b> | <b>5501</b> | <b>653</b>  | <b>552</b> | <b>540</b> | <b>2232</b> | <b>7973</b>                    | <b>5096</b> | <b>593</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/>After a chilly but bright start, a mostly dry day with variable cloud and sunny intervals, although some rain across Scotland later. Breezy at first in the southeast but light winds elsewhere. Average temperatures, but feeling warm in the sun.</p> <p><b>Tonight:</b><br/>Clear spells for many but cloudier conditions move southwards from Scotland into north England and north Wales. A few showers in the southeast, but dry elsewhere. Milder than previous night.</p> |
| 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> | <p><b>UK Weather Warnings</b><br/>No weather warnings are in force for the UK</p> <p><b>Flood Warnings</b><br/>3 flood warnings and 51 flood alerts issued for England.<br/>0 flood warnings and 0 flood alerts issued for Scotland.<br/>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.nationalgrideso.com/industry-information/industry-data-and-reports/system-balancing-reports">https://www.nationalgrideso.com/industry-information/industry-data-and-reports/system-balancing-reports</a>     |
| Forecast Volumes and Costs | <a href="https://www.nationalgrideso.com/industry-information/industry-data-and-reports/forecast-volumes-and-costs">https://www.nationalgrideso.com/industry-information/industry-data-and-reports/forecast-volumes-and-costs</a> |