

**National Electricity  
Transmission System Status Report**

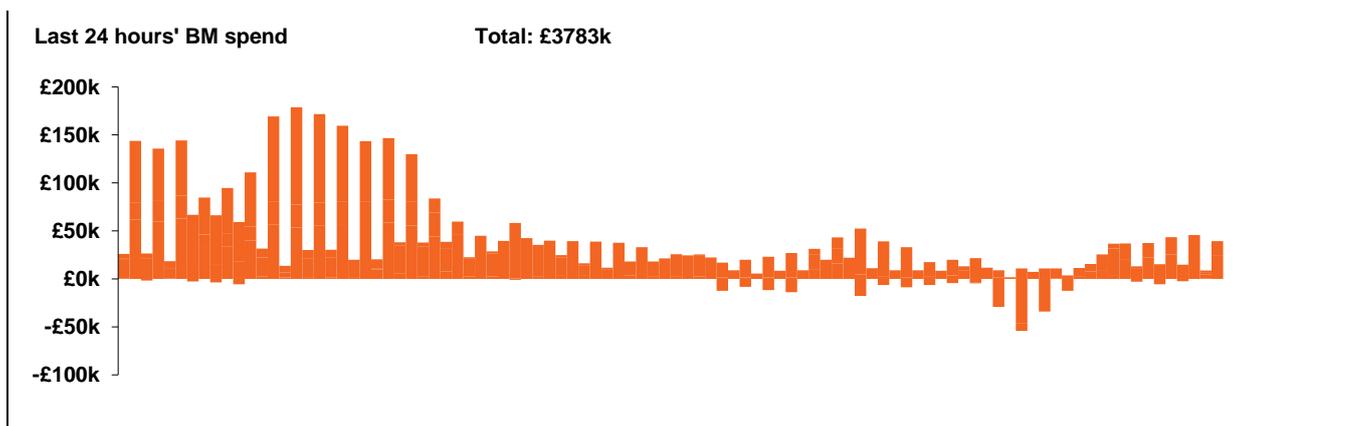


national**grid**ESO

**National Electricity Transmission System Status Report**  
Tuesday 12 January 2021

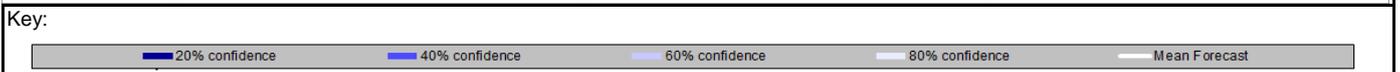
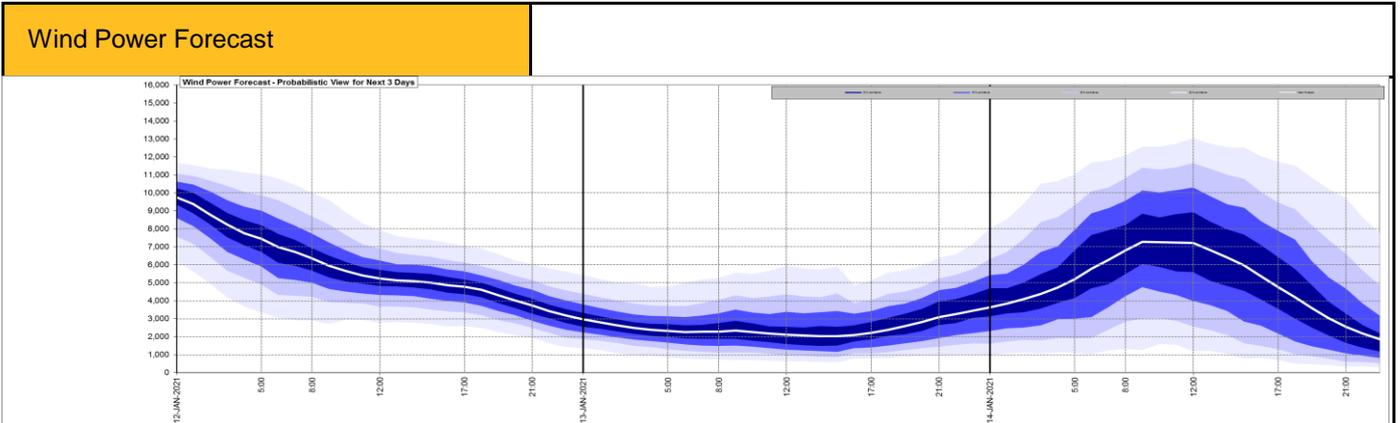
| Today's High Level Risk Status Forecast for the next 24h |  |                |  |
|--|--|----------------|--|
| General Status   |  | Voltage        |  |
| Demand   |  | System Inertia |  |
| System Margins   |  | Weather        |  |
| Generation   |  | Transmission   |  |
| Active Constraints                                       |  |                |  |

|   |              |         |
|---|--------------|---------|
| <a href="#">Today's Minimum De-Rated Margin</a> | 1678 (SP 35) |         |
| <a href="#">System Warnings</a>                 | None         |         |
| Current BMU Largest Loss Risk                   | Generation   | 1260 MW |
|   | Demand       | 560 MW  |



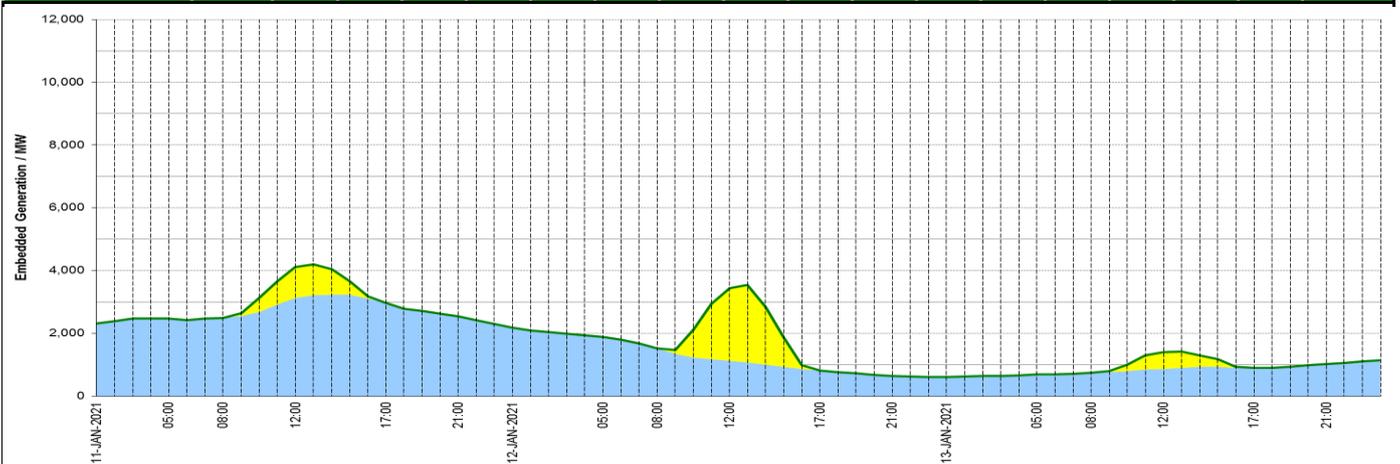
| Yesterday's Market Summary            |                    |
|---------------------------------------|--------------------|
| <a href="#">Cash out price (Max)</a>  | £90.00/MWh (SP 23) |
| <a href="#">Cash Out Price (Min)</a>  | £0.00/MWh (SP 42)  |
| <a href="#">Peak Demand Yesterday</a> | 43488MW            |

| Interconnectors             |        |        |                 |
|-----------------------------|--------|--------|-----------------|
| Net Transfer Capacity (MWs) |        |        |                 |
| Today                       | Import | Export |                 |
| Netherlands (BritNed)       | 0      | 0      | Not available   |
| France (IFA)                | 2000   | 2000   | Fully available |
| France (IFA2)               | 0      | 0      | Commissioning   |
| Belgium (Nemo)              | 1020   | 1020   | Fully available |
| Ireland (EWIC)              | 500    | 530    | Fully available |
| Northern Ireland (MOYLE)    | 500    | 500    | Fully available |



### Expected embedded generation (MWs)

| Embedded Generation Forecast | 11-JAN-2021 |             |             |             |             | 12-JAN-2021 |             |             |             |            | 13-JAN-2021 |            |            |            |             |            |             |
|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|------------|------------|------------|-------------|------------|-------------|
|                              | 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       |
| <b>Solar (MW)</b>            | 0           | 0           | 992         | 0           | 0           | 0           | 0           | 0           | 2313        | 0          | 0           | 0          | 0          | 0          | 528         | 0          | 0           |
| <b>Wind (MW)</b>             | 2468        | 2492        | 3120        | 2968        | 2543        | 2183        | 1889        | 1518        | 1123        | 815        | 644         | 603        | 692        | 736        | 873         | 898        | 1027        |
| <b>STOR (MW)</b>             | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0          | 0           | 0          | 0          | 0          | 0           | 0          | 0           |
| <b>Total (MW)</b>            | <b>2468</b> | <b>2492</b> | <b>4112</b> | <b>2968</b> | <b>2543</b> | <b>2183</b> | <b>1889</b> | <b>1518</b> | <b>3436</b> | <b>815</b> | <b>644</b>  | <b>603</b> | <b>692</b> | <b>736</b> | <b>1401</b> | <b>898</b> | <b>1027</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/>           Cloud, rain and milder air across southern half of the UK becoming confined to the southwest of England and west Wales. Cold and sunny elsewhere with a few wintry showers near coasts in far north and east</p> <p><b>Tonight:</b><br/>           Cloud and rain in southwest returning eastwards and becoming heavy across Northern Ireland, western Scotland and northwest England with a risk of sleet, snow and ice. Cold and clear elsewhere</p>  |
| General Weather Concerns<br>e.g. wind, rain, snow, flooding, GB Weather Warnings | <a href="#">Met Office Weather Warnings</a><br><a href="#">SEPA</a><br><a href="#">Natural Resources Wales</a> | <p><b>Weather Warnings:</b></p> <p>Yellow warning of ice</p> <p>Areas affected: Central, Tayside &amp; Fife   East Midlands   Grampian   Highlands &amp; Eilean Siar   North East England   North West England   SW Scotland, Lothian Borders   Strathclyde   West Midlands   Yorkshire &amp; Humber</p> <p>ACTIVE<br/>           Started at: 15:00 GMT on Mon 11 January<br/>           Ends: 11:00 GMT on Tue 12 January<br/>           Ice is expected to readily form overnight as rain and snow clears</p> <ul style="list-style-type: none"> <li>- Icy stretches will form on untreated roads, pavements and cycle paths</li> <li>- Higher likelihood of accidents and injuries due to icy surfaces</li> </ul> <p>Yellow warning of ice</p> <p>Areas affected: Northern Ireland</p> <p>ACTIVE<br/>           Started at: 03:00 GMT on Tue 12 January<br/>           Ends: 10:00 GMT on Tue 12 January<br/>           Icy surfaces into Tuesday morning may cause some tricky travel conditions.</p> <ul style="list-style-type: none"> <li>- Icy patches on some untreated roads, pavements and cycle paths</li> <li>- Possible injuries and accidents due to the icy surfaces</li> </ul> <p><b>UK Flood Warnings:</b></p> <p>1 Flood Warnings issued for England.</p> <p>13 Flood Warning issued for Scotland.</p> <p>0 Flood Warnings issued for Wales.</p> |

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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>   |