

**National Electricity  
Transmission System Status Report**

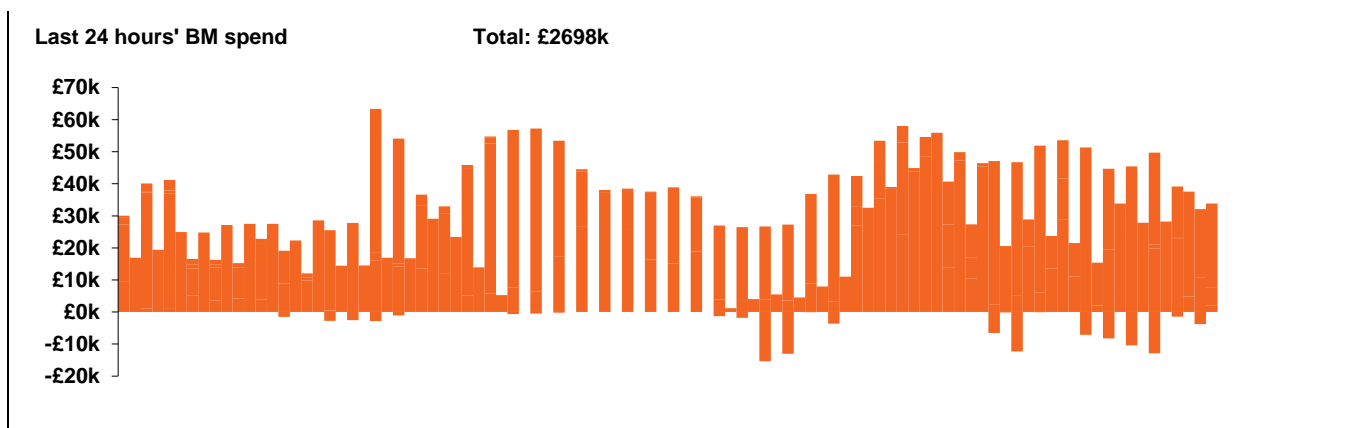


**nationalgridESO**

**National Electricity Transmission System Status Report**  
Wednesday 03 February 2021

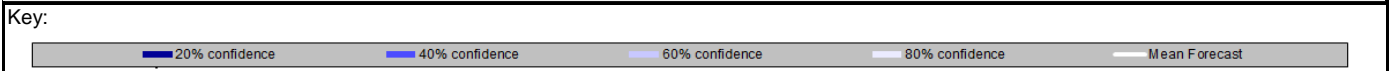
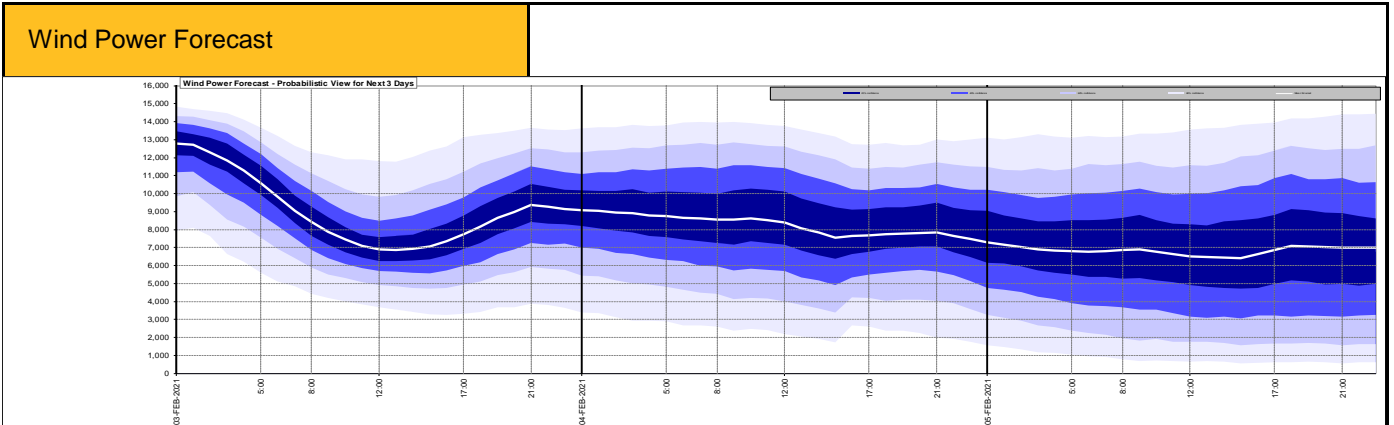
| Today's High Level Risk Status Forecast for the next 24h |  |                |  |
|--|--|----------------|--|
| General Status   |  | Voltage        |  |
| Demand   |  | System Inertia |  |
| System Margins   |  | Weather        |  |
| Generation   |  | Transmission   |  |
| Active Constraints    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

|   |                |         |
|---|----------------|---------|
| <a href="#">Today's Minimum De-Rated Margin</a> | 8223.18 (SP35) |         |
| <a href="#">System Warnings</a>                 | None           |         |
| Current BMU Largest Loss Risk                   | Generation     | 1260 MW |
|   | Demand         | 560 MW  |



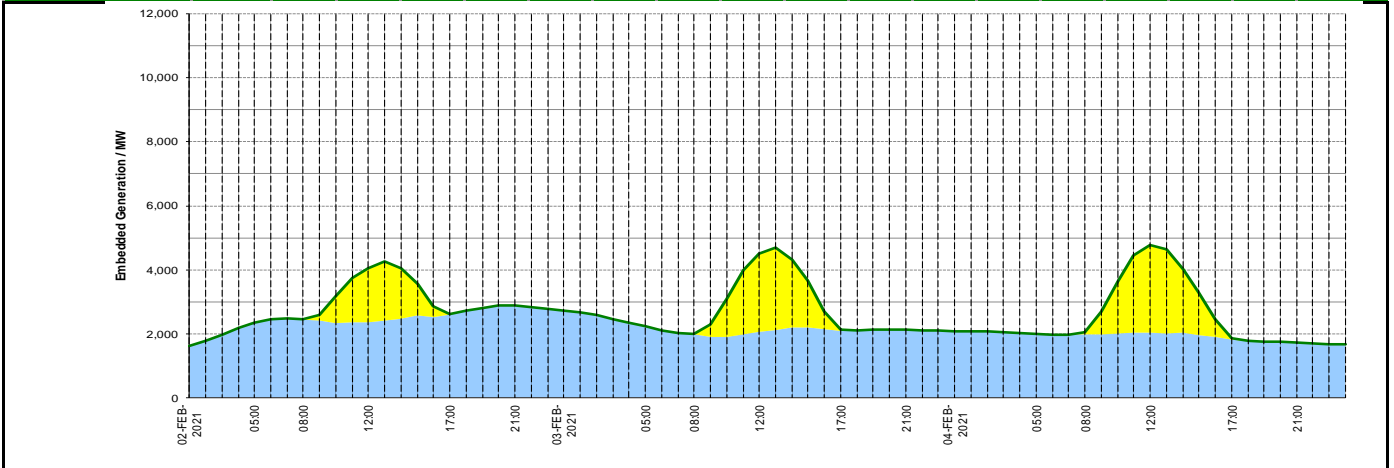
| Yesterday's Market Summary            |                                |
|---------------------------------------|--------------------------------|
| <a href="#">Cash out price (Max)</a>  | £94.00/MWh (SP35)              |
| <a href="#">Cash Out Price (Min)</a>  | £25.00/MWh (SP10, SP11 & SP12) |
| <a href="#">Peak Demand Yesterday</a> | 43179 MW                       |

| Interconnectors             |        |        |                 |
|-----------------------------|--------|--------|-----------------|
| Net Transfer Capacity (MWs) |        |        |                 |
| Today                       | Import | Export |                 |
| Netherlands (BritNed)       | 0      | 0      | Not available   |
| France (IFA)                | 2000   | 2000   | Fully available |
| France (IFA2)               | 1004   | 1004   | Fully available |
| 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 | 02-FEB-2021 |             |             |             |             | 03-FEB-2021 |             |             |             |             | 04-FEB-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           | 1           | 1670        | 8           | 0           | 0           | 0           | 19          | 2449        | 25          | 0           | 0           | 0           | 65          | 2728        | 25          | 0           |
| <b>Wind (MW)</b>             | 2334        | 2440        | 2363        | 2608        | 2877        | 2720        | 2237        | 1967        | 2052        | 2095        | 2127        | 2086        | 2000        | 1993        | 2044        | 1829        | 1723        |
| <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>2334</b> | <b>2441</b> | <b>4033</b> | <b>2616</b> | <b>2877</b> | <b>2720</b> | <b>2237</b> | <b>1986</b> | <b>4501</b> | <b>2120</b> | <b>2127</b> | <b>2086</b> | <b>2000</b> | <b>2058</b> | <b>4772</b> | <b>1854</b> | <b>1723</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/>Rain continuing across Northern Ireland, south and east Scotland and northern England. Snow for high ground of Scotland as well as strong winds here. Further south, area of rain moving northeast across southern parts during the day otherwise mostly dry.</p> <p><b>Tonight:</b><br/>Rain, continuing over many northern parts, snow over higher ground of Scotland. Drier conditions in the south. Mild in south but colder in north. Wintry showers continuing in far north.</p>   |
| General Weather Concerns<br><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>Yellow warning of rain</b><br/>Areas affected: East Midlands   North East England   North West England   Yorkshire &amp; Humber</p> <p>ACTIVE<br/> <b>Started at:</b> 18:00 GMT on Tue 2 February<br/> <b>Ends:</b> 12:00 GMT on Thu 4 February<br/> Heavy rain, with some snow melt at first, probably leading to some flooding and travel disruption.</p> <p><b>Yellow warning of snow</b><br/>Areas affected: Central, Tayside &amp; Fife   Grampian   Highlands &amp; Eilean Siar   North East England   North West England   SW Scotland, Lothian Borders   Strathclyde</p> <p>ACTIVE<br/> <b>Started at:</b> 00:00 GMT on Wed 3 February<br/> <b>Ends:</b> 23:59 GMT on Thu 4 February<br/> Periods of snow may lead to disruption to travel in places, especially on routes over high ground.</p> <p><b>Yellow warning of snow</b><br/>Areas affected: Central, Tayside &amp; Fife   Grampian   Highlands &amp; Eilean Siar   SW Scotland, Lothian Borders   Strathclyde</p> <p><b>Starts:</b> 00:00 GMT on Fri 5 February<br/> <b>Ends:</b> 12:00 GMT on Sun 7 February<br/> Prolonged periods of snow and snow showers could bring significant disruption.</p> <hr/> <p><b>UK Flood Warnings:</b><br/> 208 Flood Warnings and Alerts issued for England.<br/> 0 Flood Warnings and Alerts issued for Scotland.<br/> 4 Flood Alerts 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>   |