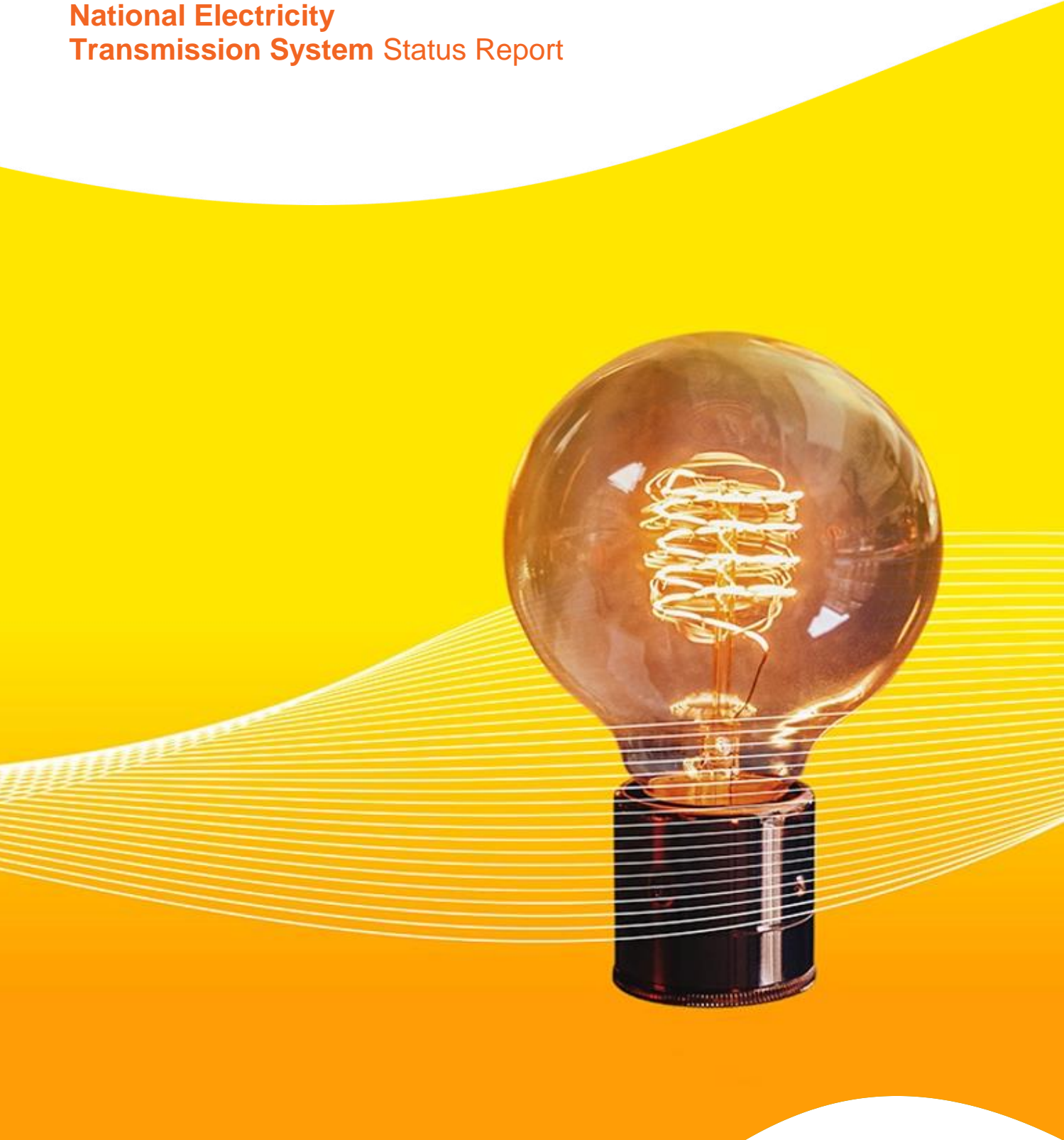


**National Electricity  
Transmission System Status Report**



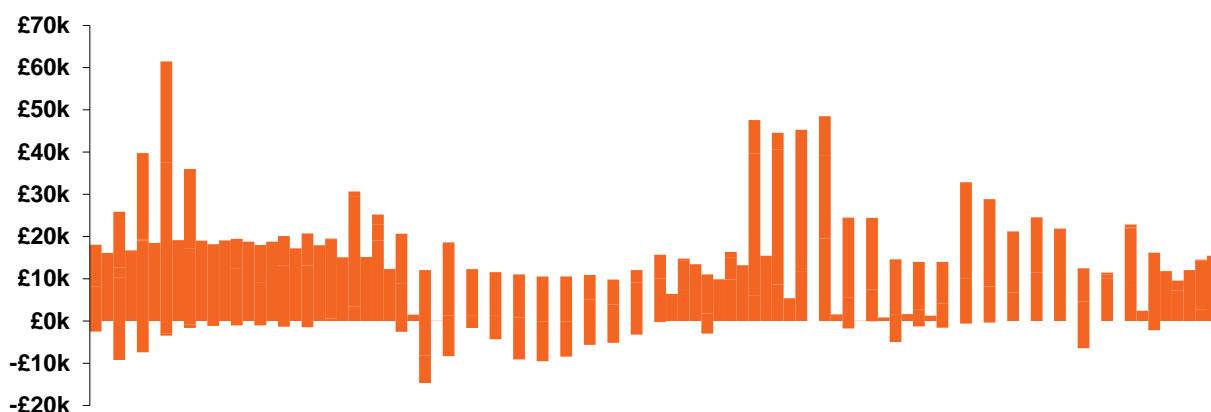
**National Electricity Transmission System Status Report**  
Friday 10 January 2020

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

|  |              |        |
|--|--------------|--------|
| <u>Today's Minimum De-Rated Margin</u> | 1023 (SP 35) |        |
| <u>System Warnings</u>                 | None         |        |
| Current BMU Largest Loss Risk          | Generation   | 1260MW |
|  | Demand       | 560MW  |

**Balancing Costs**

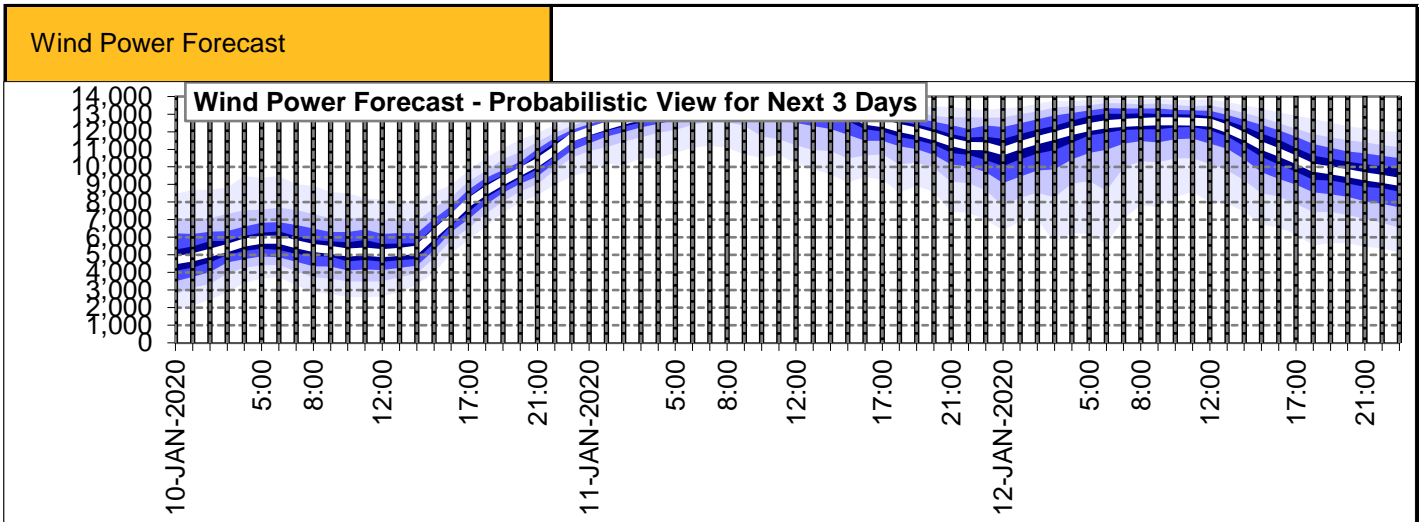
Last 24 hours' BM spend Total: £1257k



**Yesterday's Market Summary**

|                              |                      |
|------------------------------|----------------------|
| <u>Cash out price (Max)</u>  | £70.00 /MWh (SP 32)  |
| <u>Cash Out Price (Min)</u>  | £2.50 /MWh (SP 4- 6) |
| <u>Peak Demand Yesterday</u> | 45,266 MW            |

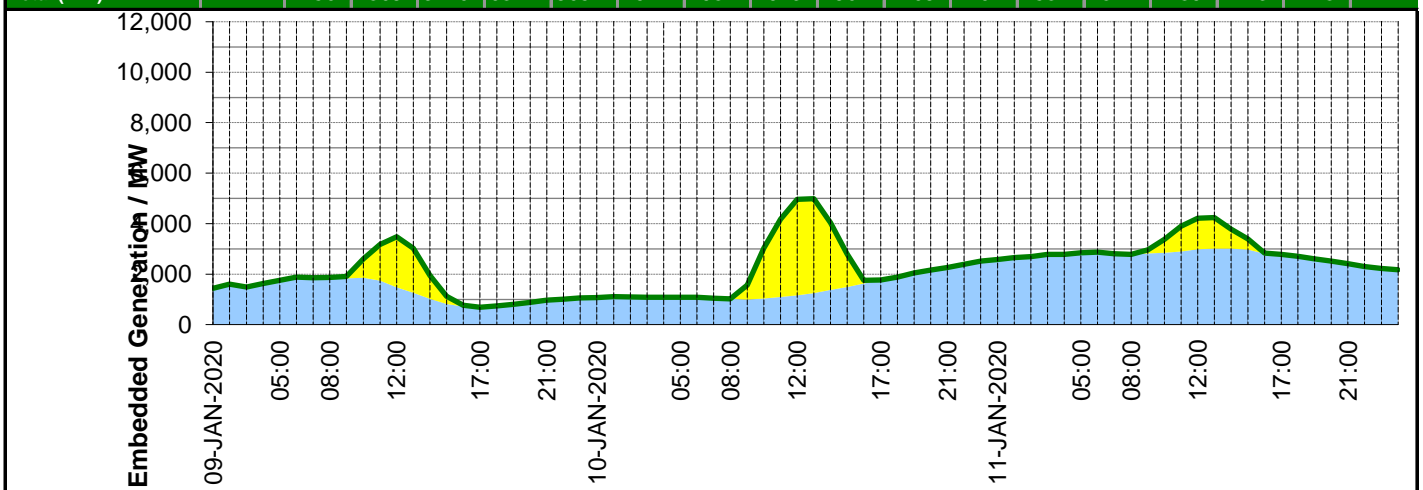
| Interconnectors             |        |        |                      |
|-----------------------------|--------|--------|----------------------|
| Net Transfer Capacity (MWs) |        |        |                      |
| Today                       | Import | Export |                      |
| Netherlands (BritNed)       | 1100   | 1133   | Fully available      |
| France (IFA)                | 2000   | 2000   | Fully available.     |
| Belgium (Nemo)              | 1013   | 1013   | Fully Available      |
| Ireland (EWIC)              | 500    | 530    | Fully Available      |
| Northern Ireland (MOYLE)    | 395    | 500    | Partially available. |



**Expected embedded generation (MWs)**

**Embedded Generation Forecast**

|                   | 09-JAN-2020 |             |             |            |            | 10-JAN-2020 |             |             |             |             | 11-JAN-2020 |             |             |             |             |             |             |
|-------------------|-------------|-------------|-------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                   | 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           | 0           | 2000        | 0          | 0          | 0           | 0           | 0           | 3806        | 0           | 0           | 0           | 0           | 0           | 1227        | 0           | 0           |
| Wind (MW)         | 1756        | 1869        | 1476        | 687        | 965        | 1074        | 1087        | 1013        | 1158        | 1769        | 2262        | 2584        | 2841        | 2780        | 2986        | 2778        | 2414        |
| STOR (MW)         | 0           | 0           | 0           | 0          | 0          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| <b>Total (MW)</b> | <b>1756</b> | <b>1869</b> | <b>3476</b> | <b>687</b> | <b>965</b> | <b>1074</b> | <b>1087</b> | <b>1013</b> | <b>4964</b> | <b>1769</b> | <b>2262</b> | <b>2584</b> | <b>2841</b> | <b>2780</b> | <b>4213</b> | <b>2778</b> | <b>2414</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/>A fine day for most with some sunshine but perhaps feeling chilly in the southeast. Becoming cloudier and windier later in the northwest of the UK with rain arriving here into the evening.</p> <p><b>Tonight:</b><br/>Rain gradually spreading southwards into Saturday with strong winds, particularly for north Wales, northeast England and east Scotland. Little, if any, rain in the east and south. Mainly mild.</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>Yellow warning of wind</b><br/>no warnings</p> <p><b>Flood warnings</b><br/>There are 2 flood warnings in England.<br/>There are no flood warnings in Scotland.<br/>There are no flood warnings in 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>   |