

**National Electricity
Transmission System Status Report**

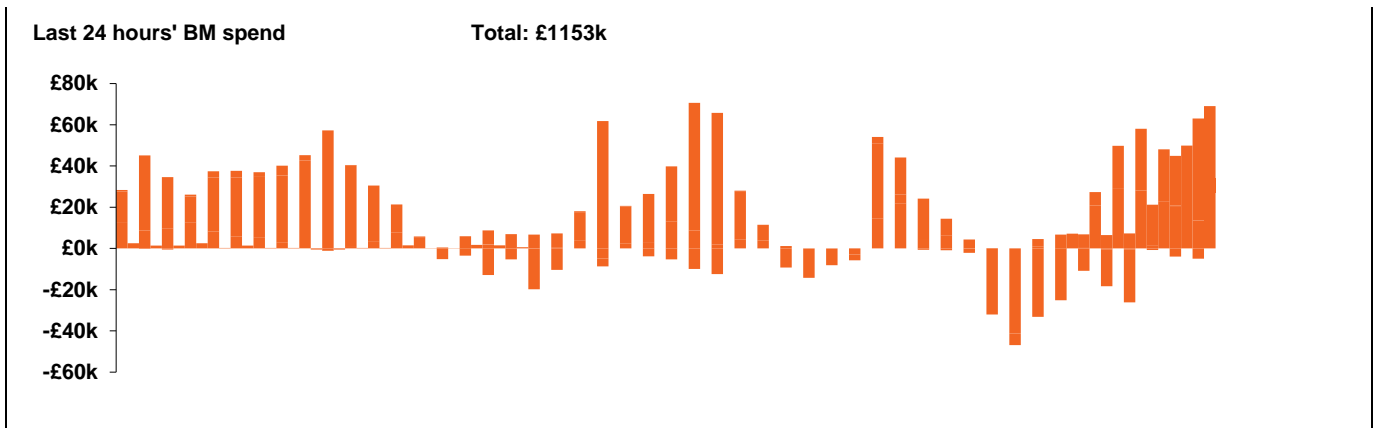


national**grid**ESO

National Electricity Transmission System Status Report
Monday 11 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 | | | |

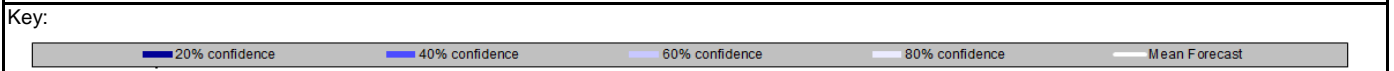
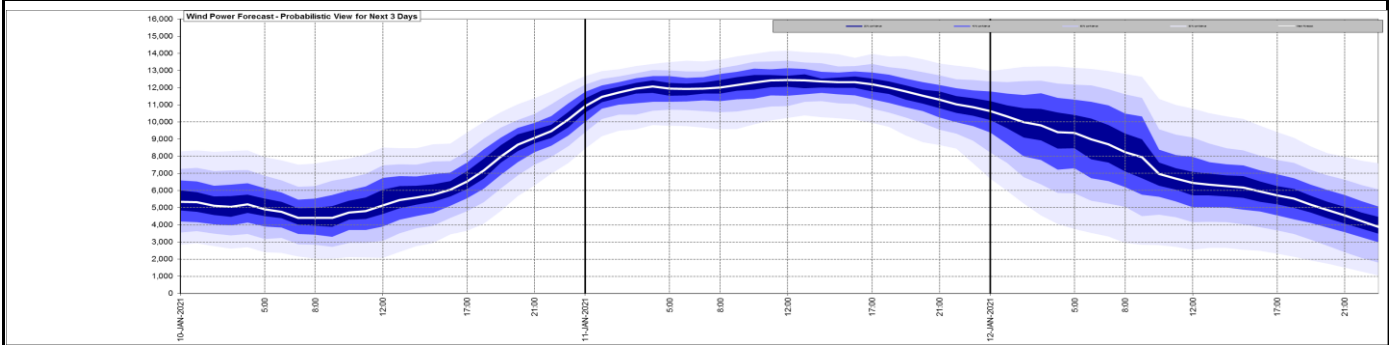
| | | |
|---|--------------|---------|
| Today's Minimum De-Rated Margin | 6760 (SP 36) | |
| System Warnings | None | |
| Current BMU Largest Loss Risk | Generation | 1260 MW |
| | Demand | 560 MW |



| Yesterday's Market Summary | |
|---------------------------------------|---------------------|
| Cash out price (Max) | £129.00/MWh (SP 34) |
| Cash Out Price (Min) | £0.00 MWh (SP 39) |
| Peak Demand Yesterday | 44,236 |

| 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 |

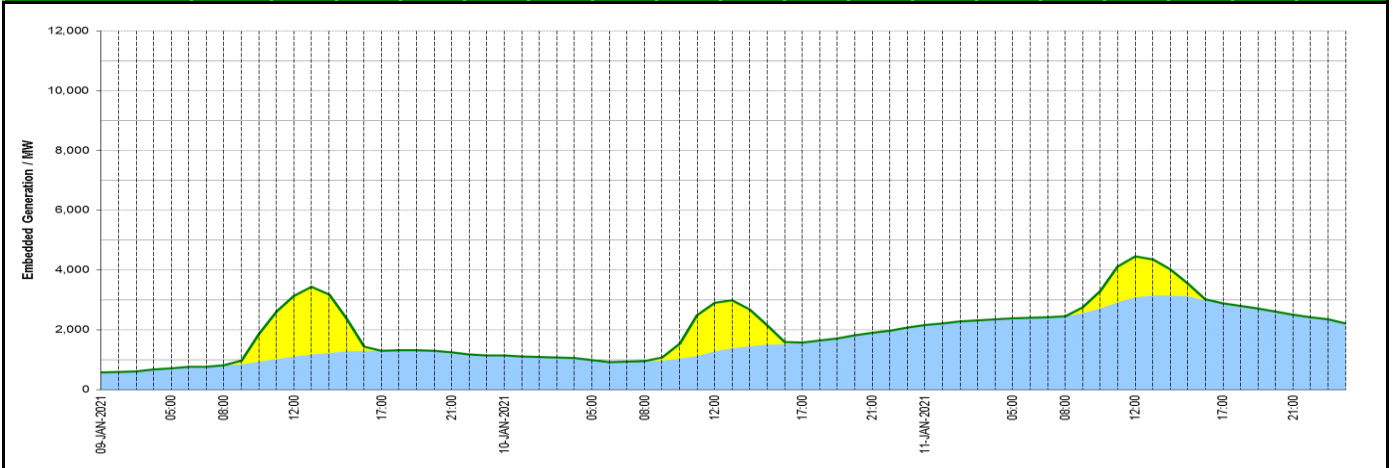
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

| | 09-JAN-2021 | | | | | 10-JAN-2021 | | | | | 11-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 |
| Solar (MW) | 0 | 0 | 2020 | 1 | 0 | 0 | 0 | 0 | 1625 | 0 | 0 | 0 | 0 | 0 | 1366 | 0 | 0 |
| Wind (MW) | 717 | 814 | 1102 | 1290 | 1239 | 1147 | 983 | 948 | 1281 | 1572 | 1909 | 2157 | 2384 | 2460 | 3099 | 2883 | 2500 |
| STOR (MW) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total (MW) | 717 | 814 | 3122 | 1291 | 1239 | 1147 | 983 | 948 | 2906 | 1572 | 1909 | 2157 | 2384 | 2460 | 4465 | 2883 | 2500 |



| Weather | Source | Commentary |
|---|--|---|
| Latest forecast (Summary) | Met Office SEPA Natural Resources Wales | <p>Today: Rather cloudy with only brief bright intervals in the south and east, whilst some rain or showers affect the west. Rain will be persistent in the north-west, turning to snow over northern Scotland. Windy and generally milder than of late.</p> <p>Tonight: Cloudy with occasional rain, heavy in places, clearing away south from Scotland, Northern Ireland and Northern England, where clearing skies will allow frost and ice. Wintry showers far north-east.</p> |
| General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings | Met Office Weather Warnings SEPA Natural Resources Wales | <p>Weather Warnings:</p> <p>Yellow warning of rain</p> <p>Areas affected: Central, Tayside & Fife Highlands & Eilean Siar Strathclyde</p> <p>ACTIVE</p> <p>Started at: 18:00 GMT on Sun 10 January</p> <p>Ends: 18:00 GMT on Mon 11 January Heavy rain and melting snow may bring some flooding and travel disruption.</p> <ul style="list-style-type: none"> - Spray and flooding on roads probably making journey times longer - Bus and train services probably affected with journey times taking longer <p>Issued at: 11:03 GMT on Fri 8 January</p> <p>Last updated: 2 days agoLast updated: 2 days ago</p> <p>Yellow warning of snow</p> <p>Areas affected: Grampian Highlands & Eilean Siar</p> <p>Starts: 09:00 GMT on Mon 11 January</p> <p>Ends: 20:00 GMT on Mon 11 January Snow causing some travel disruption.</p> <ul style="list-style-type: none"> - Some roads and railways likely to be affected with longer journey times by road, bus and train services <p>Issued at: 10:57 GMT on Sun 10 January</p> <p>UK Flood Warnings:</p> <p>1 Flood Warnings issued for England.</p> <p>1 Flood Warning issued for Scotland.</p> <p>0 Flood Warnings issued for Wales.</p> |

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