

**National Electricity
Transmission System Status Report**

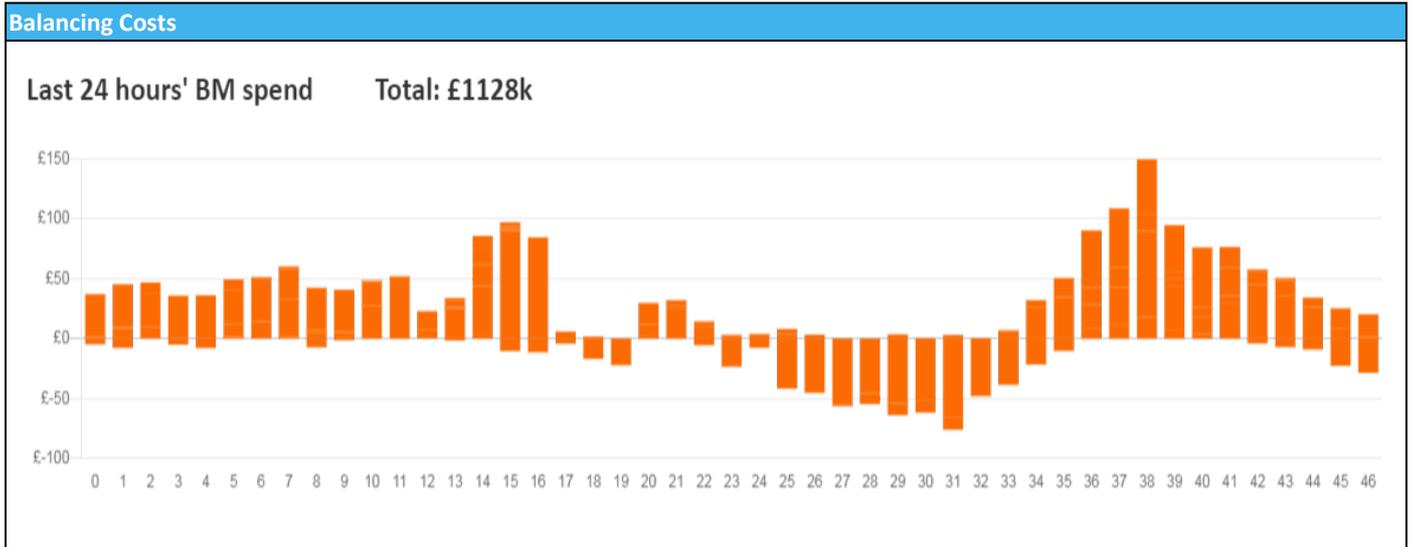


national**grid**ESO

National Electricity Transmission System Status Report
Tuesday 04 April 2023

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

| | | |
|---|--------------|---------|
| Today's Minimum De-Rated Margin | 8394 (SP 41) | |
| Current BMU Largest Loss Risk | Generation | 1300 MW |
| | Demand | 560 MW |



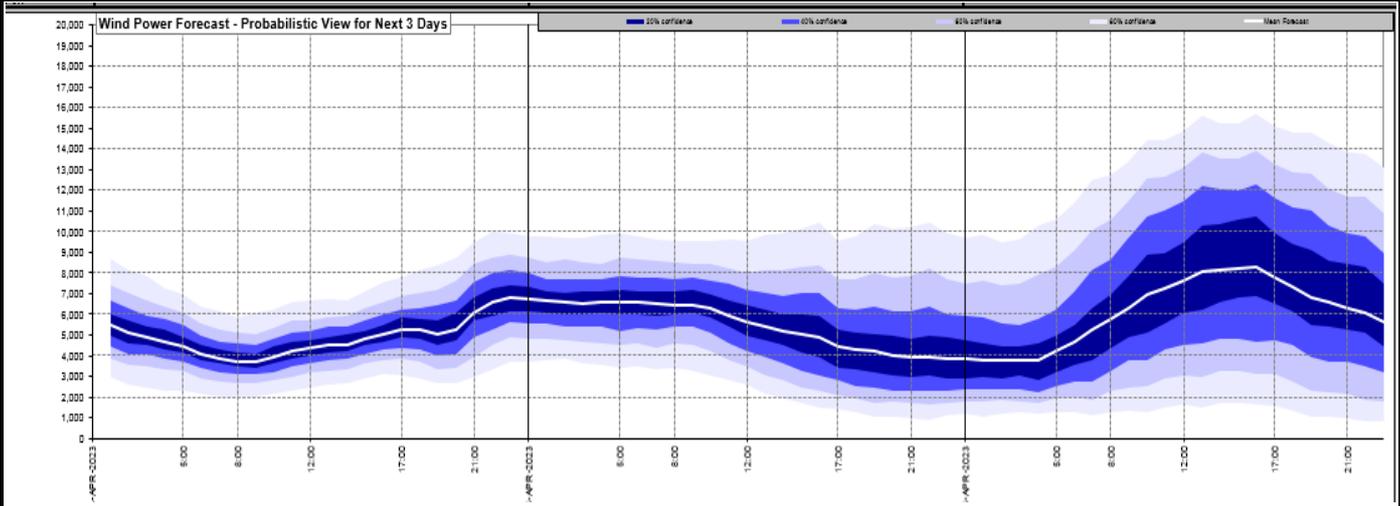
Yesterday's Market Summary

| | |
|---------------------------------------|---------------|
| Cash Out Price (Max) | £ 230 (SP 18) |
| Cash Out Price (Min) | -£29 (SP 26) |
| Peak Demand Yesterday | 34,098 MW |
| Minimum Demand | 22,273 MW |

Interconnector Net Transfer Capacity (MWs)

| Today | Import | Export | Remarks |
|--------------------------|--------|--------|---------------------------------------|
| Netherlands (BritNed) | 1100 | 1133 | Fully Available |
| France (IFA) | 1000 | 1000 | Partially Available - Bipole 1 outage |
| Belgium (Nemo) | 1000 | 1000 | Fully Available |
| Ireland (EWIC) | 500 | 530 | Fully Available |
| France (ElecLink) | 1014 | 1014 | Fully Available |
| Northern Ireland (MOYLE) | 500 | 500 | Fully Available |
| Norway (NSL) | 1100 | 1100 | Partially Available |
| France (IFA2) | 1014 | 1014 | Fully Available |

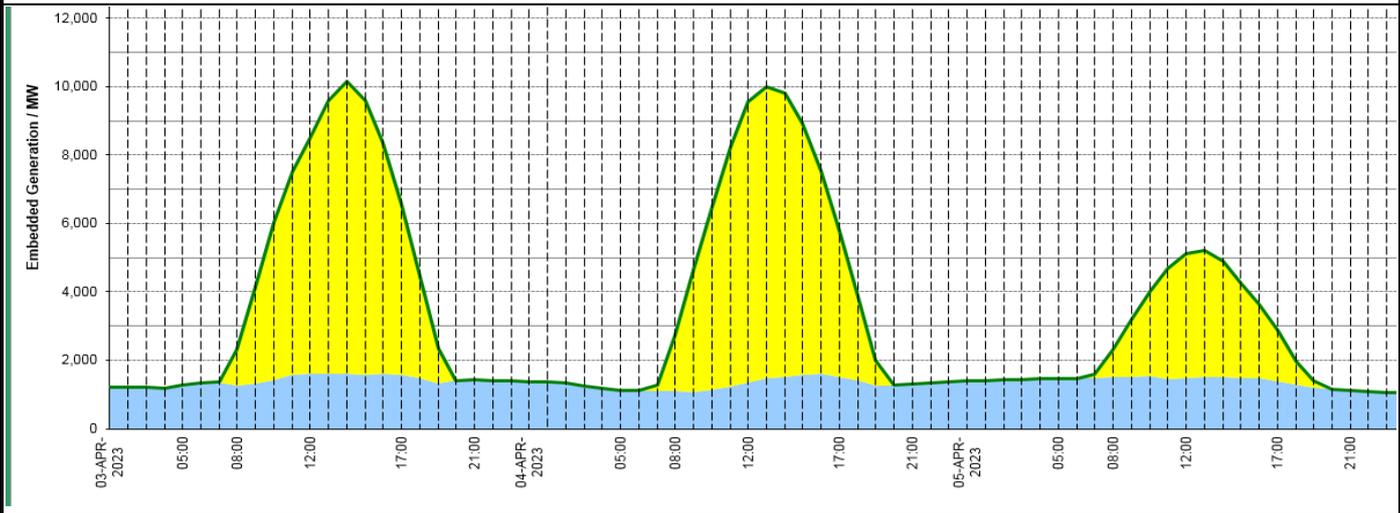
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

| | 03-APR-2023 | | | | | 04-APR-2023 | | | | | 05-APR-2023 | | | | | | |
|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | 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 | 1053 | 6861 | 4962 | 0 | 0 | 0 | 1648 | 8197 | 4269 | 0 | 0 | 0 | 781 | 3629 | 1495 | 0 |
| Wind (MW) | 1289 | 1268 | 1620 | 1590 | 1445 | 1384 | 1134 | 1088 | 1357 | 1519 | 1298 | 1402 | 1469 | 1521 | 1476 | 1377 | 1124 |
| STOR (MW) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total (MW) | 1289 | 2321 | 8481 | 6552 | 1445 | 1384 | 1134 | 2736 | 9554 | 5788 | 1298 | 1402 | 1469 | 2302 | 5105 | 2872 | 1124 |



| Weather | Source | Commentary |
|--|---|--|
| Latest forecast (Summary) | Met Office SEPA Natural Resources Wales | Today: Central, southern and eastern areas dry with plenty of sunshine, and feeling warm by afternoon after a cold start. Cloudy in the northwest with some rain and drizzle Tonight: Most areas dry with clear skies and light winds. Turning cold with a widespread frost, especially across England, Wales and eastern Scotland. Cloudy and breezy in the far northwest with some rain and drizzle arriving. |
| General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings | Met Office Weather Warnings SEPA Natural Resources Wales | UK Weather Warnings No weather warnings are in force for the UK Flood Warnings 51 flood alerts and 0 flood warnings for England. 0 flood alerts and 0 flood warnings for Scotland. 0 flood alert and 0 flood warnings for Wales. |

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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 |