

**National Electricity
Transmission System Status Report**

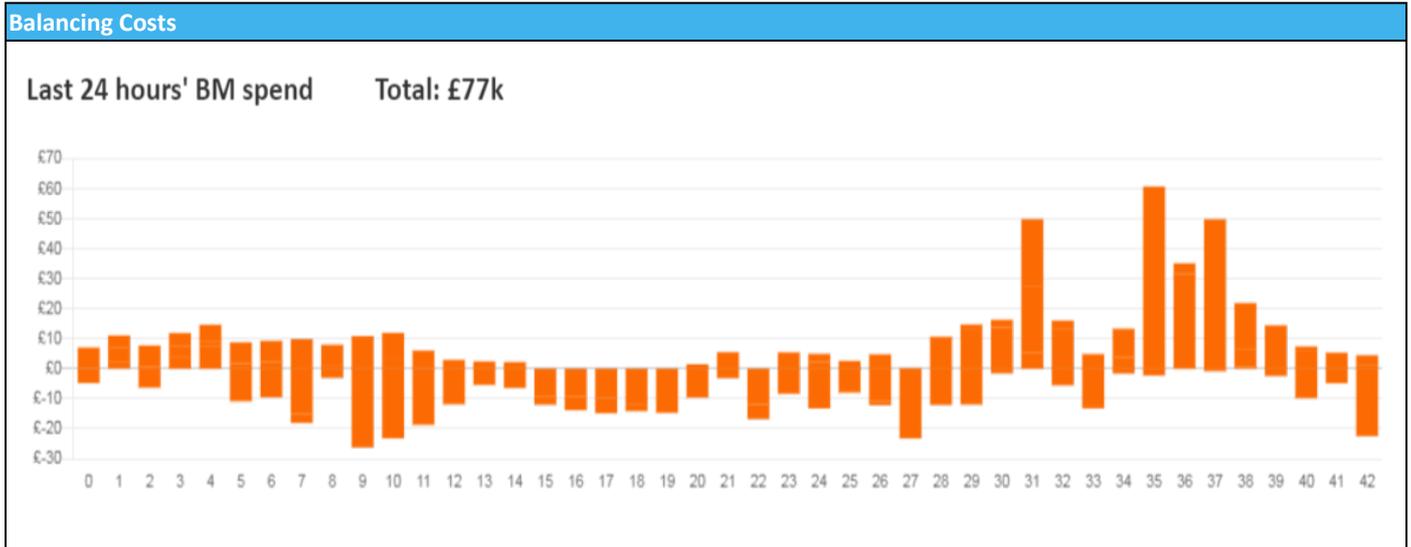


national**grid**ESO

National Electricity Transmission System Status Report
Sunday 23 October 2022

| 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 | 8485 (SP 38) | |
| Current BMU Largest Loss Risk | Generation | 1400 MW |
| | Demand | 1150 MW |



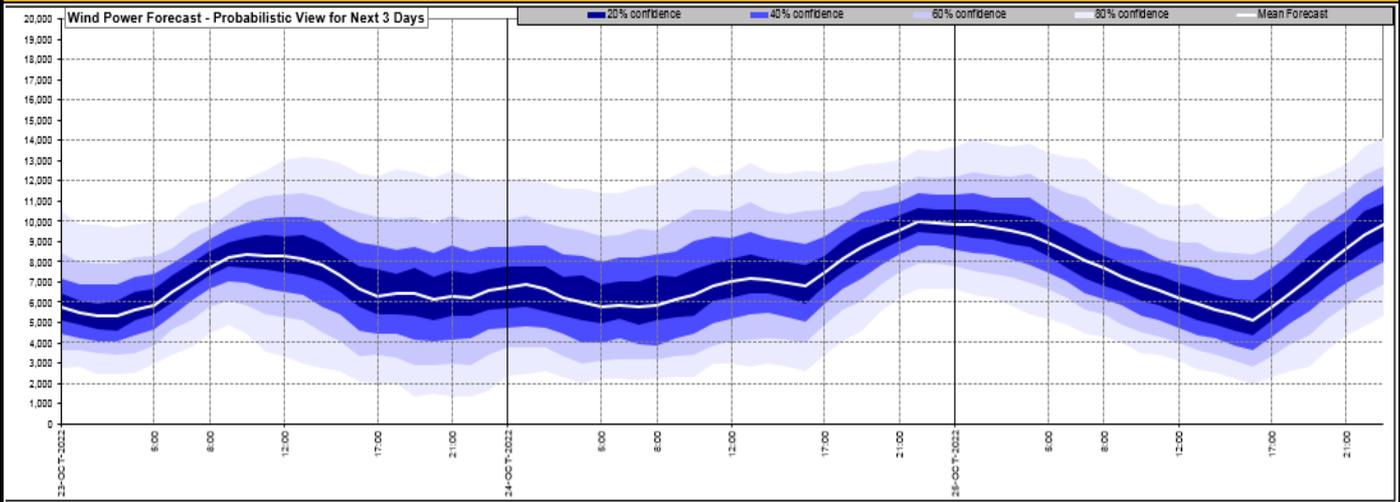
Yesterday's Market Summary

| | |
|---------------------------------------|------------------|
| Cash Out Price (Max) | £179.00 (SP 37) |
| Cash Out Price (Min) | £00 (SP 31 & 33) |
| Peak Demand Yesterday | 33,378 MW |
| Minimum Demand | 17,070 MW |

Interconnector Net Transfer Capacity (MWs)

| Today | Import | Export | Remarks |
|--------------------------|--------|--------|---------------------|
| Netherlands (BritNed) | 1100 | 1133 | Fully Available |
| France (IFA2) | 1014 | 1014 | Fully Available |
| Belgium (Nemo) | 1000 | 1025 | Fully Available |
| Ireland (EWIC) | 500 | 530 | Fully Available |
| France (ElecLink) | 1014 | 1014 | Fully Available |
| France (IFA) | 1000 | 1000 | Partially Available |
| Northern Ireland (MOYLE) | 500 | 500 | Fully Available |
| Norway (NSL) | 1400 | 1400 | Fully Available |

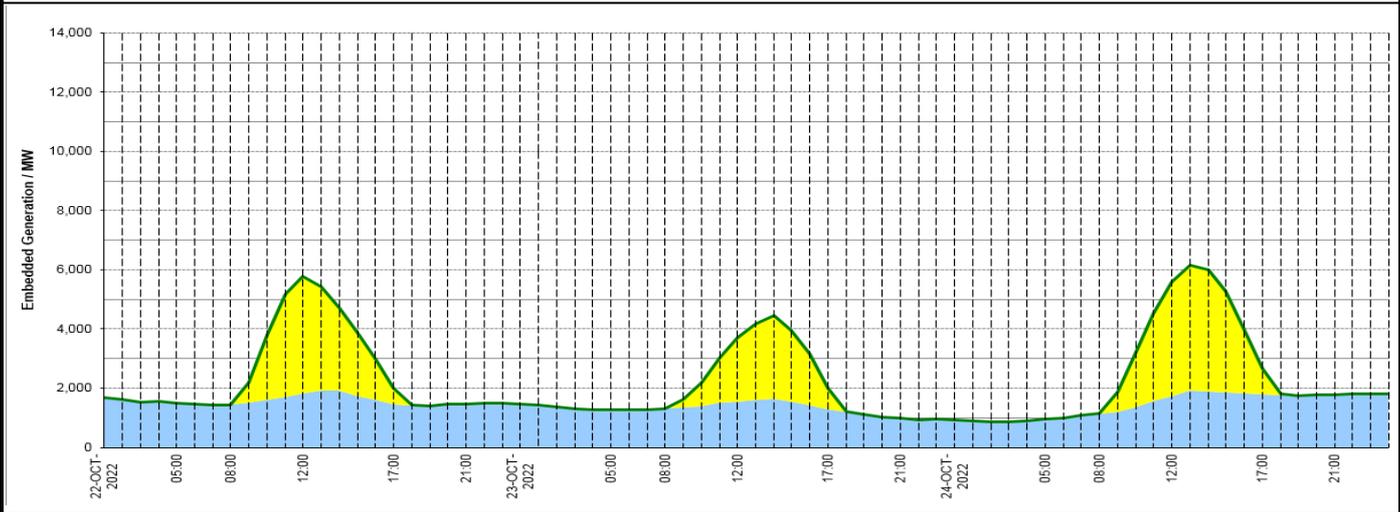
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

| | 22-OCT-2022 | | | | | 23-OCT-2022 | | | | | 24-OCT-2022 | | | | | | |
|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|------------|-------------|-------------|-------------|-------------|
| | 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 | 3927 | 544 | 0 | 0 | 0 | 0 | 2155 | 713 | 0 | 0 | 0 | 32 | 3852 | 887 | 0 |
| Wind (MW) | 1500 | 1438 | 1839 | 1444 | 1481 | 1470 | 1283 | 1309 | 1548 | 1290 | 982 | 930 | 962 | 1122 | 1735 | 1790 | 1792 |
| STOR (MW) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total (MW) | 1500 | 1438 | 5766 | 1988 | 1481 | 1470 | 1283 | 1309 | 3703 | 2003 | 982 | 930 | 962 | 1154 | 5587 | 2677 | 1792 |



| Weather | Source | Commentary |
|---|---|---|
| Latest forecast (Summary) | Met Office SEPA Natural Resources Wales | <p>Today: A band of heavy rain will move northwards across most parts, with thunder in places. Turning brighter in the south this afternoon but heavy, thundery showers and gusty winds arriving later. Continuing very mild.</p> <p>Tonight: Heavy showers, thunderstorms and gusty winds across parts of southern and eastern England clearing eastwards. Rain persisting across northern Scotland. A few fog patches forming in the north.</p> |
| General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings | Met Office Weather Warnings SEPA Natural Resources Wales | <p>UK Weather Warnings Yellow warning of thunderstorms Areas affected: East Midlands East of England London & South East England South West England Wales West Midlands Yorkshire & Humber Started at: 04:00 BST on Sun 23 October Ends: 05:00 BST on Mon 24 October</p> <p>Flood Warnings 0 flood warnings and 2 flood alerts issued for England. No flood warnings are currently in force for Scotland. No flood warnings are currently in force for Wales.</p> |

| 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 |