

**National Electricity
Transmission System Status Report**

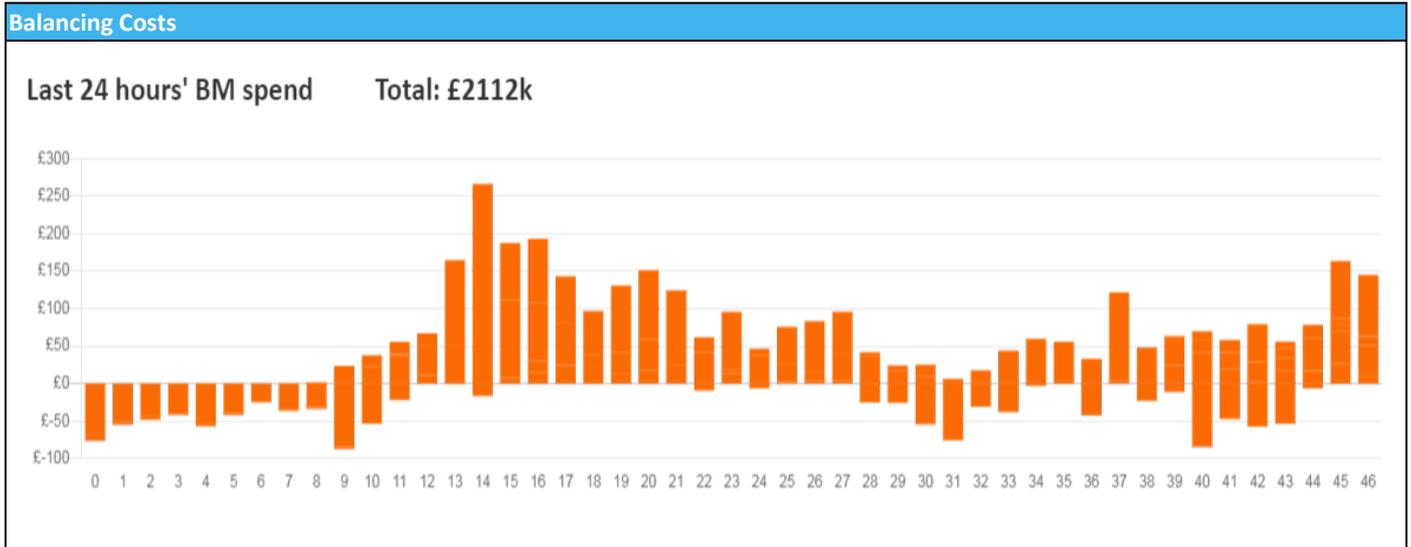


national**grid**ESO

National Electricity Transmission System Status Report
Friday 30 September 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 | 12258 (SP 16) | |
| Current BMU Largest Loss Risk | Generation | 1300 MW |
| | Demand | 560 MW |



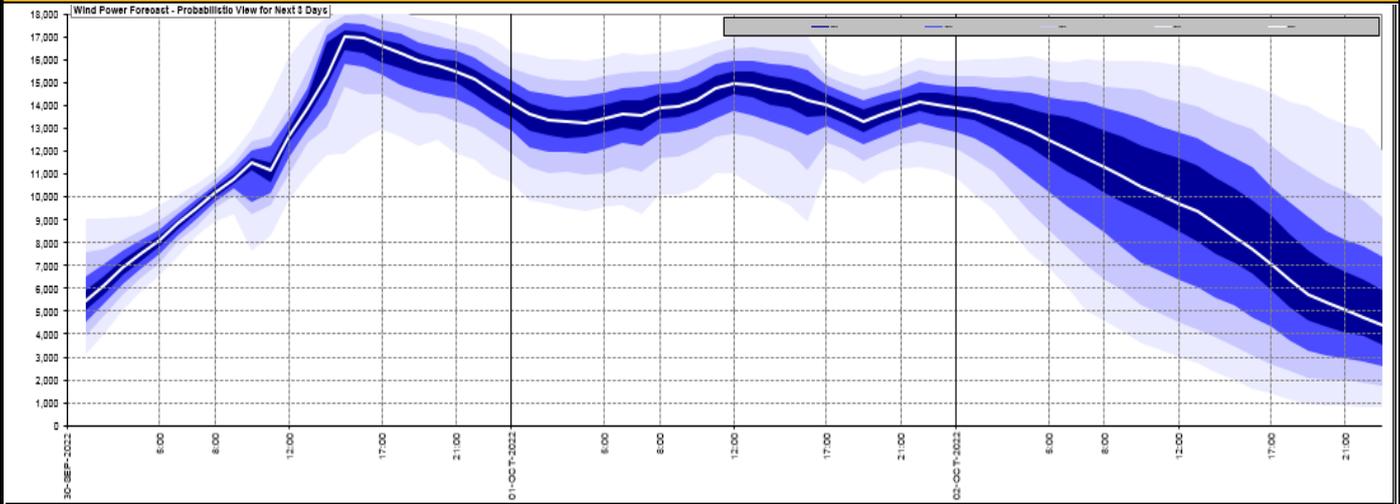
Yesterday's Market Summary

| | |
|---------------------------------------|-----------------|
| Cash Out Price (Max) | £552.61 (SP 16) |
| Cash Out Price (Min) | £100.05 (SP 1) |
| Peak Demand Yesterday | 30,640 MW |
| Minimum Demand | 18,570 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) | 0 | 0 | Planned Outage 19/09/22 to 14/10/22 |
| Northern Ireland (MOYLE) | 244 | 250 | Partially Available |
| Norway (NSL) | 1400 | 1400 | Fully Available |

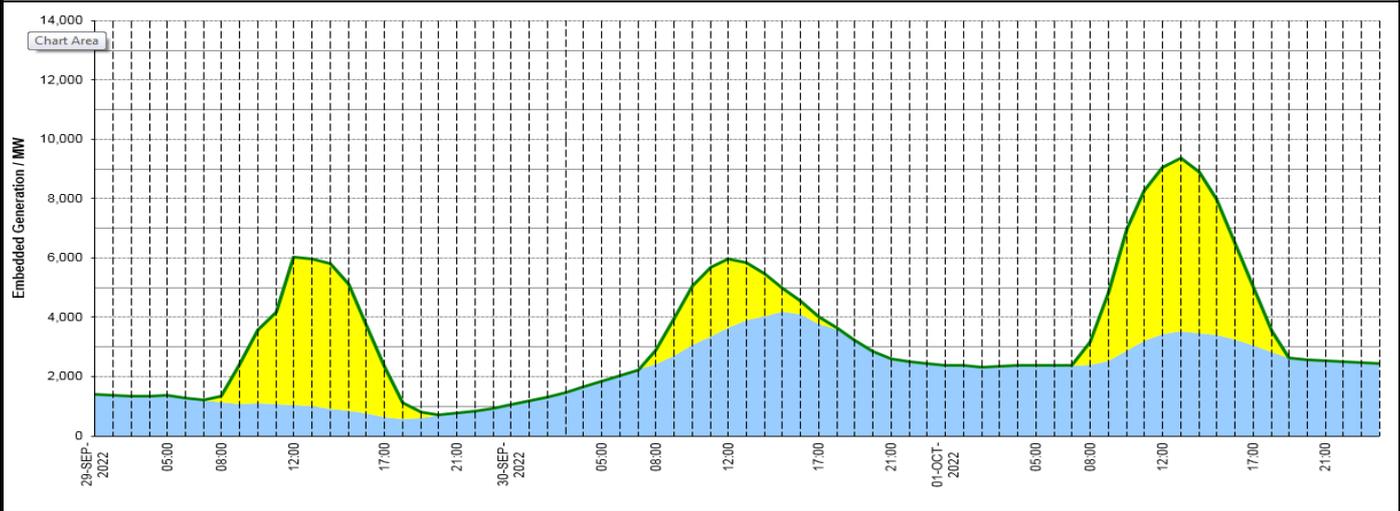
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

| Embedded Generation Estimates | | | | | | | | | | | | | Last run: 30-Sep-2022 03:15:23 | | | | |
|-------------------------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------------------|-------------|-------------|-------------|-------------|
| | 29-SEP-2022 | | | | | 30-SEP-2022 | | | | | 01-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 | 186 | 4989 | 1720 | 0 | 0 | 0 | 442 | 2319 | 230 | 0 | 0 | 0 | 765 | 5594 | 1984 | 0 |
| Wind (MW) | 1385 | 1139 | 1046 | 639 | 765 | 1052 | 1855 | 2432 | 3658 | 3790 | 2608 | 2378 | 2385 | 2385 | 3445 | 3049 | 2536 |
| STOR (MW) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total (MW) | 1385 | 1325 | 6035 | 2359 | 765 | 1052 | 1855 | 2874 | 5977 | 4020 | 2608 | 2378 | 2385 | 3150 | 9039 | 5033 | 2536 |



| Weather | Source | Commentary |
|---|---|---|
| Latest forecast (Summary) | Met Office SEPA Natural Resources Wales | Today: Cloud and outbreaks of rain across central and southwestern areas clearing away to the south through the morning. Else, another day of sunny spells, but again scattered showers developing. Tonight: Showers soon fading, then turning chilly across England and Wales with patchy fog developing. Becoming wet and windy in the far north later, with severe gales in the far northwest |
| General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings | Met Office Weather Warnings SEPA Natural Resources Wales | UK Weather Warnings Yellow warning of wind Areas affected: Highlands & Eilean Siar Orkney & Shetland Strathclyde Yellow warning of rain Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar SW Scotland, Lothian Borders Strathclyde Flood Warnings No flood warnings are currently in force for England. 1 flood warning is currently in force for Scotland. |

| Weather | Source | Commentary |
|---------|--------|---|
| | | No flood warnings are currently in force 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 |