

National Electricity Transmission System Status Report

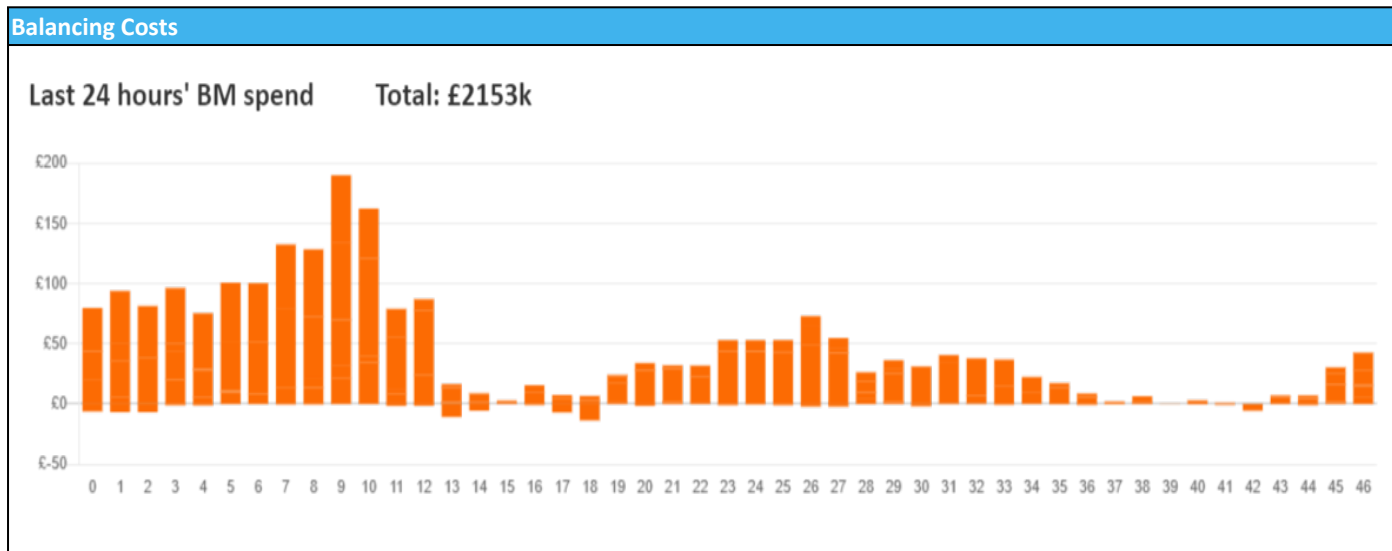


nationalgridESO

National Electricity Transmission System Status Report
Thursday 30 May 2024

| 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 | 17,904 (SP 1) | |
| Current BMU Largest Loss Risk | Generation | 1600 MW |
| | Demand | 1100 MW |



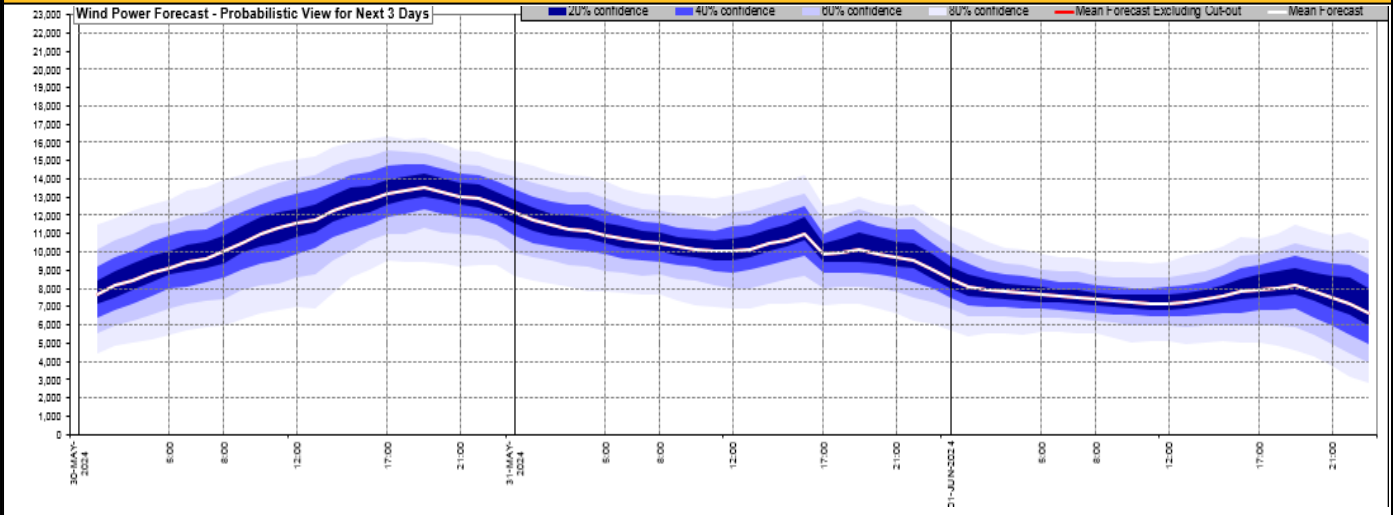
Yesterday's Market Summary

| | |
|---------------------------------------|-----------------|
| Cash Out Price (Max) | £125 (SP 37) |
| Cash Out Price (Min) | -£15.91 (SP 10) |
| Peak Demand Yesterday | 30,369 MW |
| Minimum Demand | 17,400 MW |

Interconnector Net Transfer Capacity (MWs)

| Today | Import | Export | Remarks |
|--------------------------|--------|--------|----------------------|
| Netherlands (BritNed) | 1000 | 1000 | Fully Available |
| France (IFA) | 1500 | 1500 | Partially Available |
| Belgium (Nemo) | 1000 | 1000 | Fully Available |
| Ireland (EWIC) | 500 | 500 | Fully Available |
| France (ElecLink) | 1000 | 1000 | Fully Available |
| Northern Ireland (MOYLE) | 500 | 500 | Fully Available |
| Norway (NSL) | 1400 | 1400 | Fully Available |
| France (IFA2) | 1000 | 1000 | Fully Available |
| Viking Link | 1400 | 1400 | Fully Available |
| Ireland (GreenLink) | 0 | 0 | Not yet commissioned |

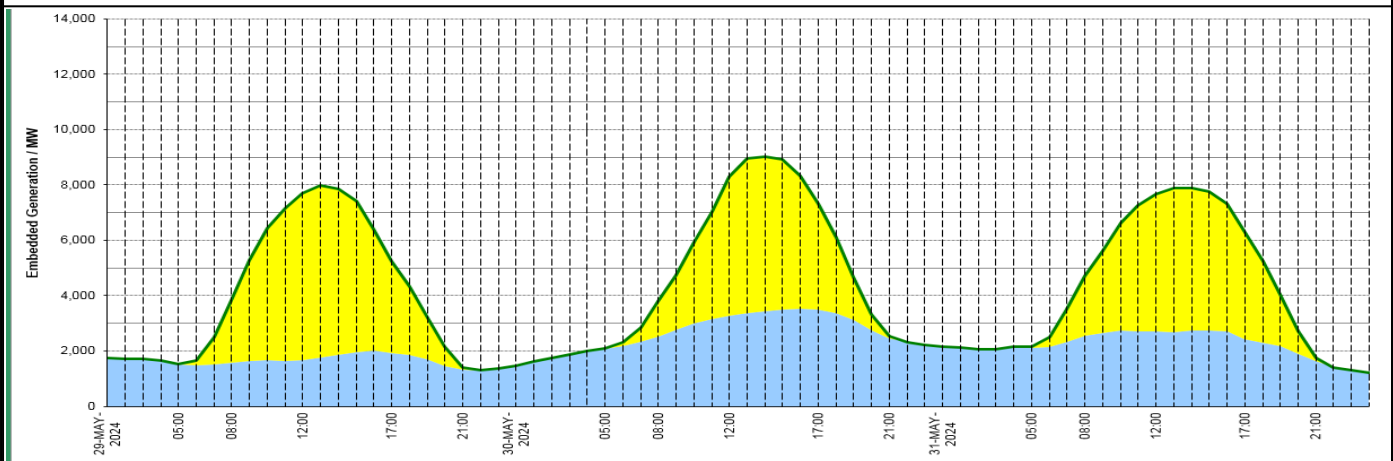
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

| | 29-MAY-2024 | | | | | 30-MAY-2024 | | | | | 31-MAY-2024 | | | | | | |
|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | 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 | 2271 | 6024 | 3319 | 78 | 0 | 0 | 1254 | 5015 | 3818 | 67 | 0 | 20 | 2135 | 4931 | 3866 | 124 |
| Wind (MW) | 1527 | 1570 | 1683 | 1928 | 1328 | 1453 | 2091 | 2535 | 3279 | 3507 | 2465 | 2166 | 2125 | 2563 | 2722 | 2414 | 1631 |
| STOR (MW) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total (MW) | 1527 | 3841 | 7707 | 5247 | 1406 | 1453 | 2091 | 3789 | 8294 | 7325 | 2532 | 2166 | 2145 | 4698 | 7653 | 6280 | 1755 |



Latest forecast at S:\OandT\OptRisk\Energy_Requirements\09 - Demand forecasting (Forecasting team)\10 - Daily Files\Embedded\update\Latest Contact: .box.demand.forecast@nationalgrid.com

| Weather | Source | Commentary |
|---|---|---|
| Latest forecast (Summary) | Met Office SEPA Natural Resources Wales | <p>Today: Rain or showers across parts of the northwest will sink south, these becoming focused across central areas during the afternoon. Once again some showers will prove heavy and thundery.</p> <p>Tonight: Cloudy overnight with some clear spells here and there, these mostly across southern England. Further showers continuing to affect northern England and Wales where they can turn heavy and thundery. Feeling fresher than recent nights.</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 Rain 21:00 Wed 29 UTC+1 04:00 Today Regions and local authorities affected:</p> |

| Weather | Source | Commentary |
|---------|--------|--|
| | | Central, Tayside & Fife Clackmannanshire Dundee Falkirk Fife Perth and Kinross Stirling SW Scotland, Lothian Borders Dumfries and Galloway East Lothian Edinburgh Midlothian Council Scottish Borders West Lothian Strathclyde North Lanarkshire South Lanarkshire |
| | | Flood Warnings 0 flood warnings and 16 flood alerts issued for England. 0 flood warnings and 14 flood alerts issued for Scotland. 0 flood warnings and 0 flood alerts issued for Wales |

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