

National Electricity Transmission System Status Report

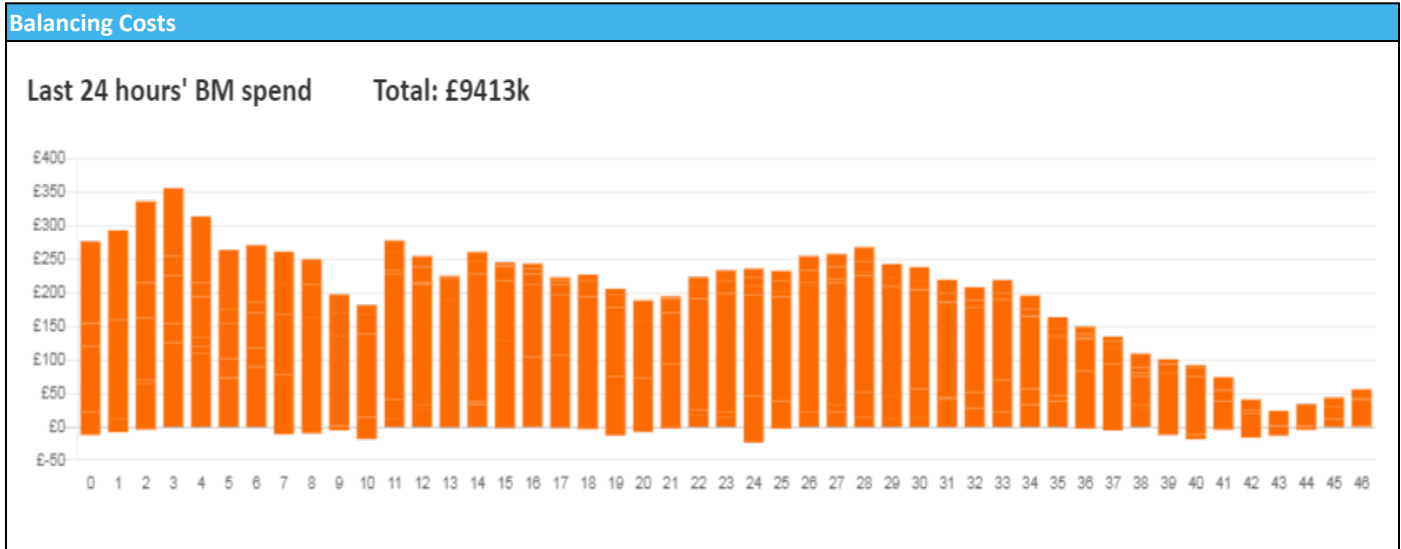


nationalgridESO

National Electricity Transmission System Status Report
Friday 22 September 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 | 11,132 (SP 16) | |
| Current BMU Largest Loss Risk | Generation | 1500 MW |
| | Demand | 560 MW |



Yesterday's Market Summary

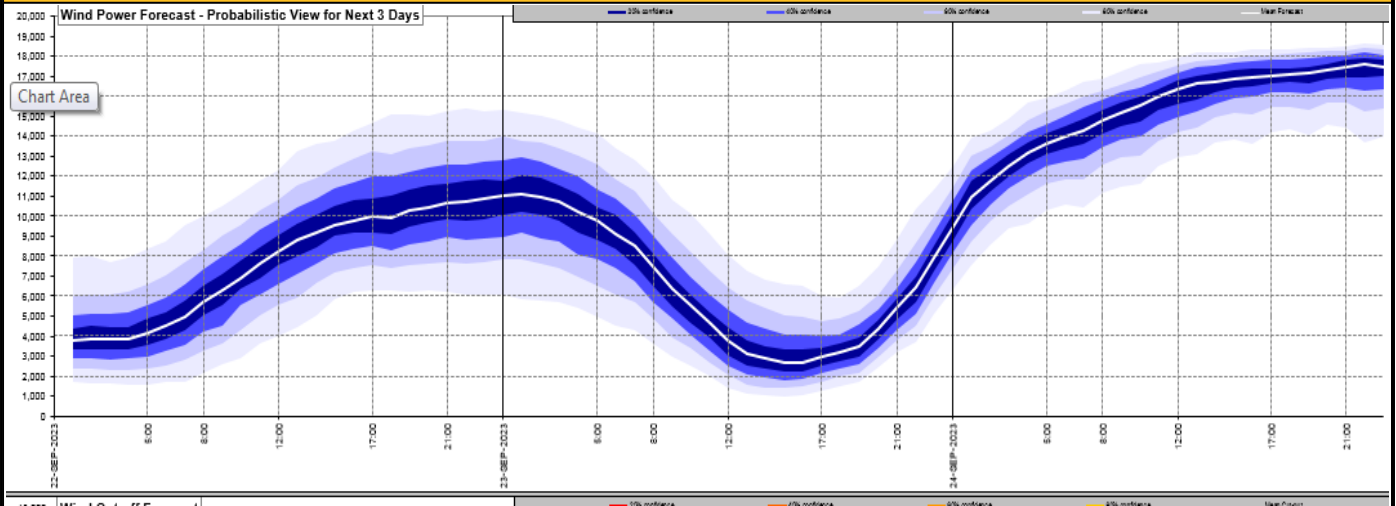
| | |
|---------------------------------------|------------------|
| Cash Out Price (Max) | £140.90 (SP 35) |
| Cash Out Price (Min) | -£19.50 (SP 7-8) |
| Peak Demand Yesterday | 33,291 MW |
| Minimum Demand | 18,129 MW |

Interconnector

Net Transfer Capacity (MWs)

| Today | Import | Export | Remarks |
|--------------------------|--------|--------|--|
| Netherlands (BritNed) | 0 | 0 | Not Available - on outage 06:00 18/09/23 to 22:00 22/09/23 |
| France (IFA) | 1000 | 1000 | Partially available |
| Belgium (Nemo) | 1000 | 1000 | Fully Available |
| Ireland (EWIC) | 500 | 530 | Fully Available |
| France (ElecLink) | 1014 | 1014 | Fully Available |
| Northern Ireland (MOYLE) | 500 | 500 | Available |
| Norway (NSL) | 1437 | 1437 | Fully Available |
| France (IFA2) | 1014 | 1014 | Fully Available |

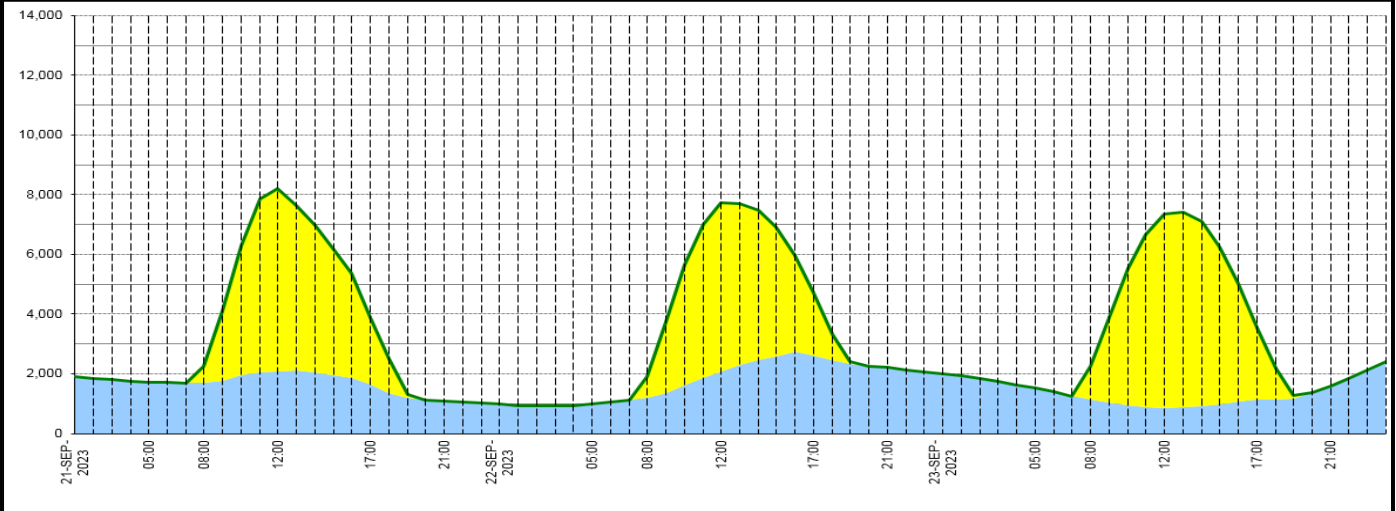
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

| | 21-SEP-2023 | | | | | 22-SEP-2023 | | | | | 23-SEP-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 | 567 | 6098 | 2229 | 0 | 0 | 0 | 700 | 5655 | 2082 | 0 | 0 | 0 | 1114 | 6511 | 2422 | 0 |
| Wind (MW) | 1725 | 1697 | 2093 | 1649 | 1084 | 995 | 994 | 1211 | 2073 | 2619 | 2208 | 2006 | 1544 | 1130 | 857 | 1135 | 1600 |
| STOR (MW) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total (MW) | 1725 | 2264 | 8191 | 3878 | 1084 | 995 | 994 | 1911 | 7728 | 4701 | 2208 | 2006 | 1544 | 2244 | 7368 | 3557 | 1600 |



| Weather | Source | Commentary |
|---|---|---|
| Latest forecast (Summary) | Met Office SEPA Natural Resources Wales | Today: Showers becoming more widespread during the morning, some locally heavy with the odd rumble of thunder. Showers merging to give longer spells of rain across west Scotland. Winds generally light but still strong and gusty across parts of the northwest. Tonight: Showers quickly dying out from the west during the evening leading to a chilly night for all with a rural frost likely in the north. |
| 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 1 flood warnings and 7 flood alerts issued for England. 1 flood warnings and 0 flood alerts issued for Scotland. 0 flood warnings and 6 flood alerts issued for Wales. |

| 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 |