

National Electricity Transmission System Status Report

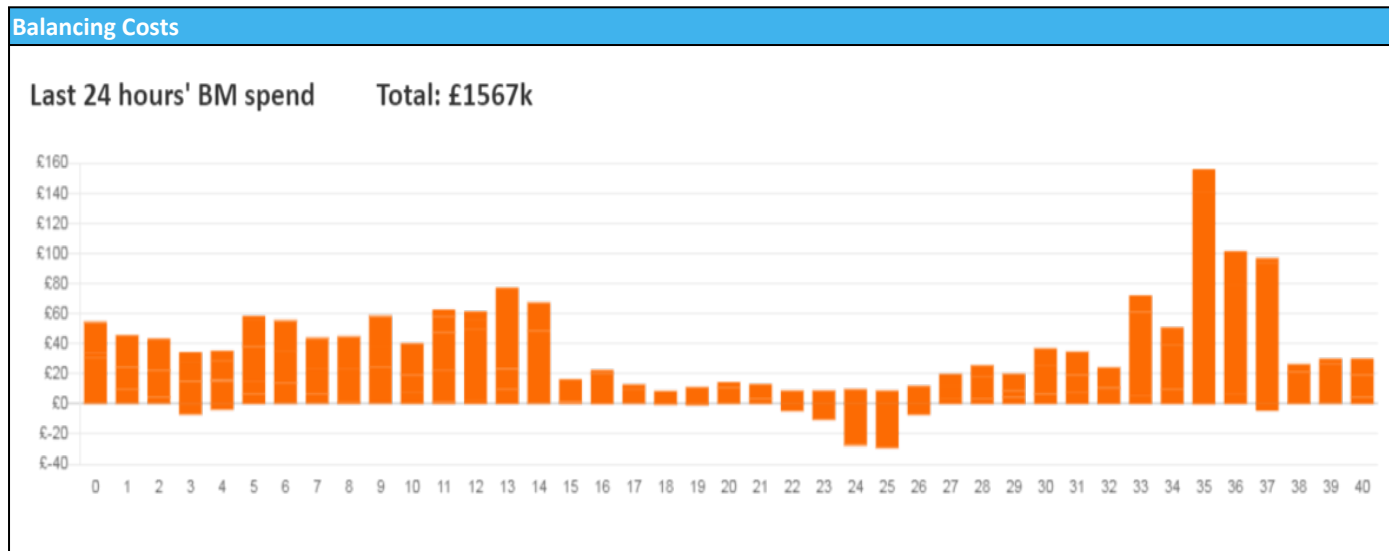


nationalgridESO

National Electricity Transmission System Status Report
Thursday 29 June 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 | | | |

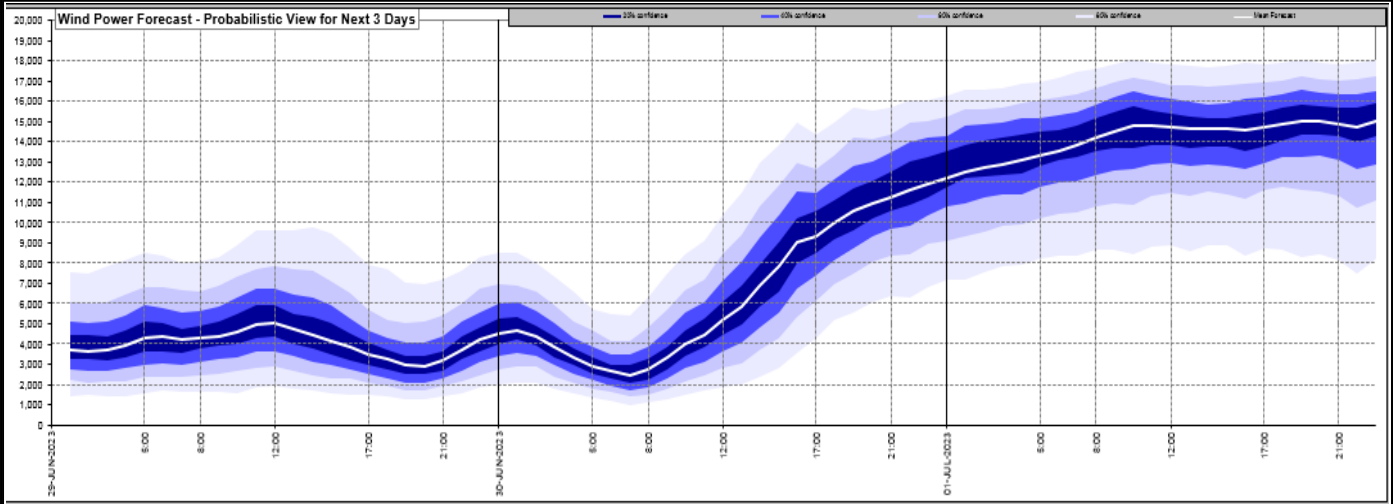
| | | |
|---|---------------|---------|
| Today's Minimum De-Rated Margin | 4,727 (SP 40) | |
| Current BMU Largest Loss Risk | Generation | 1500 MW |
| | Demand | 560 MW |



| Yesterday's Market Summary | |
|---------------------------------------|-----------------------|
| Cash Out Price (Max) | £198.50 (SP37 & SP39) |
| Cash Out Price (Min) | £47.00 (SP5 & SP6) |
| Peak Demand Yesterday | 30,153 MW |
| Minimum Demand | 18,600 MW |

| Interconnector Net Transfer Capacity (MWs) | | | |
|---|--------|--------|-----------------|
| Today | Import | Export | Remarks |
| Netherlands (BritNed) | 1100 | 1130 | Fully Available |
| France (IFA) | 2000 | 2000 | Fully Available |
| 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) | 1400 | 1400 | Fully Available |
| France (IFA2) | 1014 | 1014 | Fully Available |

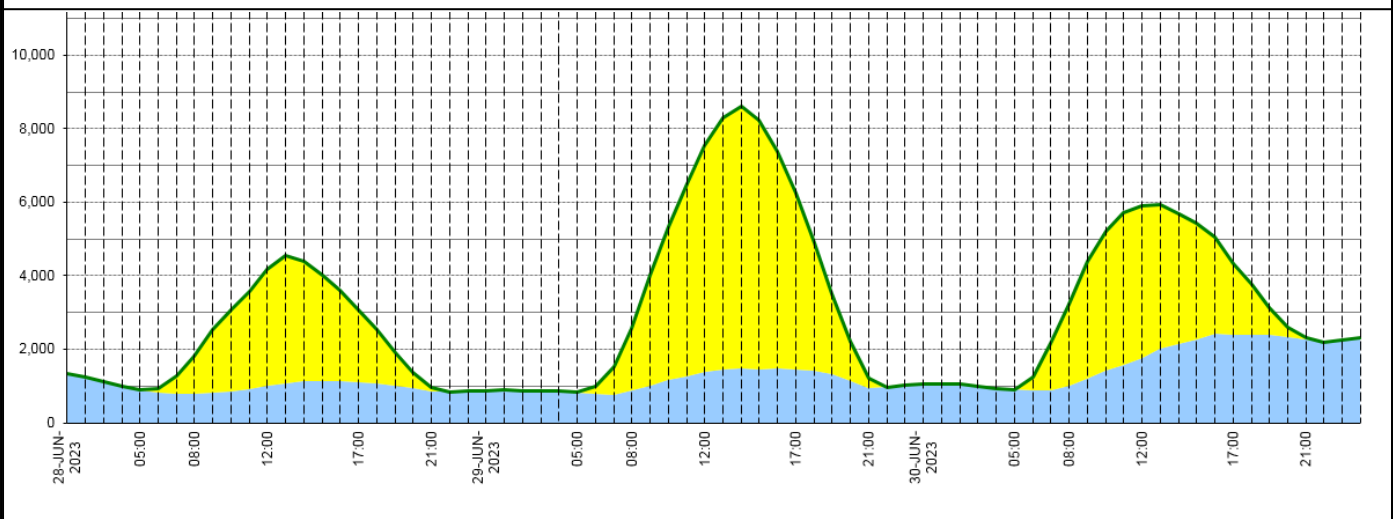
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

| | 28-JUN-2023 | | | | | 29-JUN-2023 | | | | | 30-JUN-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 | 1041 | 3166 | 1963 | 91 | 0 | 0 | 1669 | 6147 | 4801 | 245 | 0 | 0 | 2240 | 4120 | 1925 | 48 |
| Wind (MW) | 889 | 786 | 998 | 1103 | 862 | 877 | 825 | 883 | 1383 | 1448 | 961 | 1046 | 910 | 1000 | 1779 | 2392 | 2256 |
| STOR (MW) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total (MW) | 889 | 1827 | 4164 | 3066 | 953 | 877 | 825 | 2552 | 7530 | 6249 | 1206 | 1046 | 910 | 3240 | 5899 | 4317 | 2304 |



| Weather | Source | Commentary |
|--|---|---|
| Latest forecast (Summary) | Met Office SEPA Natural Resources Wales | <p>Today: Rain, locally heavy will clear southeast across England during the day. Drier and brighter conditions following from the west with sunny spells. A few showers possible mostly across Scotland and northern England. Feeling fresher with near normal temperatures.</p> <p>Tonight: Daytime showers across England and Wales fading leaving long clear spells. Across Scotland, showery outbreaks of rain will move east. Cloud and rain arriving across the west towards dawn.</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 No weather warnings are in force for the UK.</p> <p>Flood Warnings 0 flood warnings and 0 flood alerts issued for England. 0 flood warnings and 0 flood alerts issued for Scotland.</p> |

| Weather | Source | Commentary |
|---------|--------|---|
| | | 0 flood warnings and 0 flood alerts issued for Wales. |

Contains public sector information licensed under the Open Government Licence v1.0

| 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 |