

**National Electricity
Transmission System Status Report**

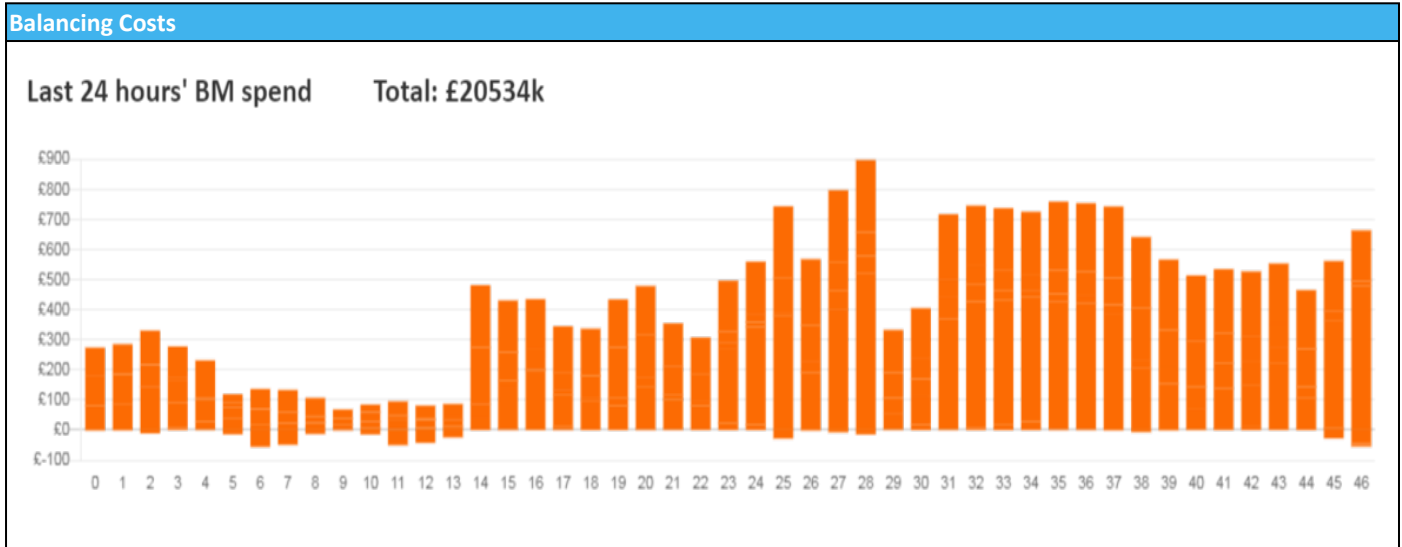


national**grid**ESO

National Electricity Transmission System Status Report
Wednesday 13 July 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 | | | |

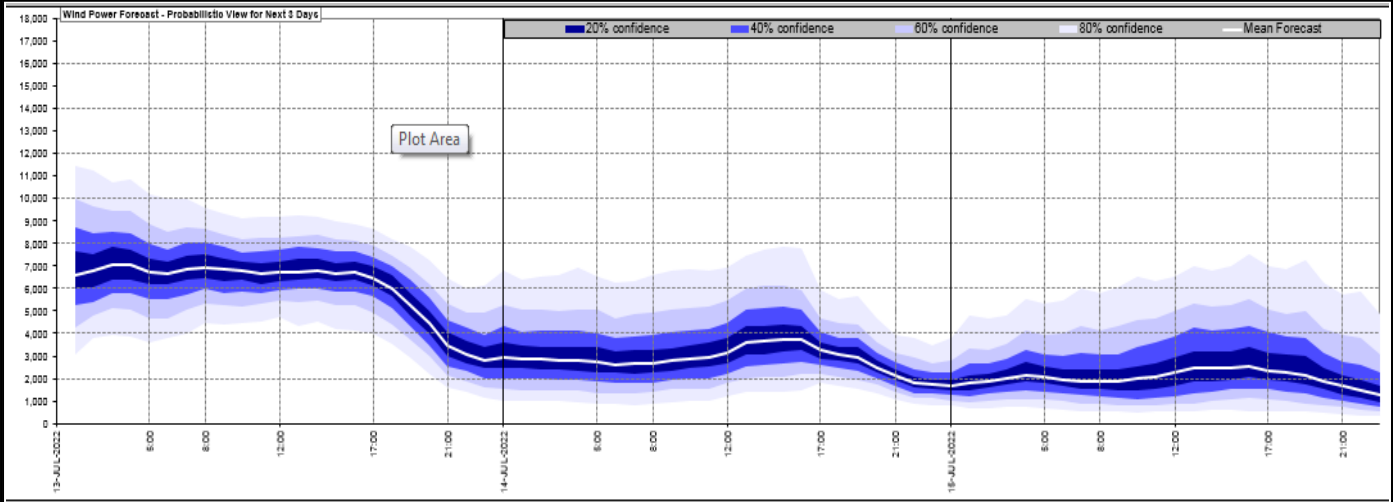
| | | |
|-------------------------------------------------|--------------|---------|
| Today's Minimum De-Rated Margin | 2590 (SP 45) | |
| Current BMU Largest Loss Risk | Generation | 1500 MW |
| | Demand | 1050 MW |



| Yesterday's Market Summary | |
|---------------------------------------|-----------------|
| Cash Out Price (Max) | £522.38 (SP 39) |
| Cash Out Price (Min) | £104.00 (SP 7) |
| Peak Demand Yesterday | 33,723 MW |
| Minimum Demand | 19,180 MW |

| Interconnector Net Transfer Capacity (MWs) | | | |
|-----------------------------------------------|--------|--------|---------------------|
| Today | Import | Export | Remarks |
| Netherlands (BritNed) | 1100 | 1133 | Fully Available |
| France (IFA2) | 1014 | 1014 | Fully Available |
| Belgium (Nemo) | 1020 | 1025 | Fully Available |
| Ireland (EWIC) | 500 | 530 | Fully Available |
| France (ElecLink) | 1014 | 1014 | Fully Available |
| France (IFA) | 1000 | 1000 | Partially Available |
| Northern Ireland (MOYLE) | 0 | 0 | Planned Outage |
| Norway (NSL) | 1400 | 900 | ESO NTC restriction |

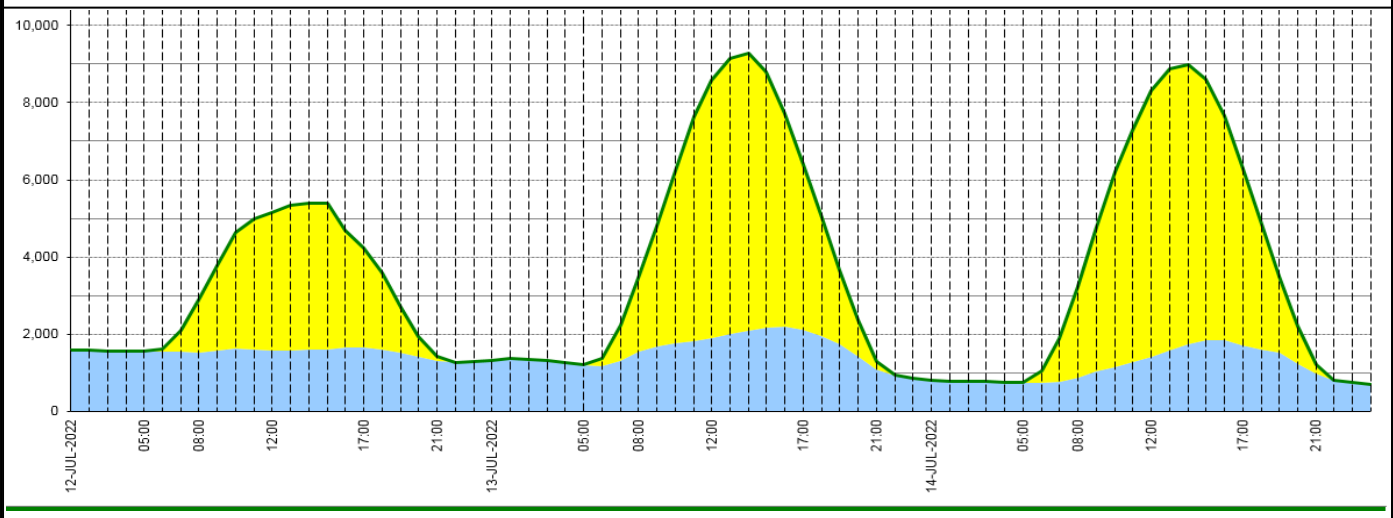
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

| | 12-JUL-2022 | | | | | 13-JUL-2022 | | | | | 14-JUL-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) | 1 | 1350 | 3590 | 2590 | 118 | 0 | 1 | 1915 | 6712 | 4274 | 221 | 0 | 0 | 2368 | 6912 | 4543 | 218 |
| Wind (MW) | 1550 | 1530 | 1563 | 1647 | 1311 | 1310 | 1200 | 1539 | 1910 | 2115 | 1081 | 802 | 743 | 885 | 1406 | 1712 | 988 |
| STOR (MW) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total (MW) | 1551 | 2880 | 5153 | 4237 | 1429 | 1310 | 1201 | 3461 | 8576 | 6405 | 1298 | 802 | 743 | 3231 | 8302 | 6280 | 1208 |



| Weather | Source | Commentary |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Latest forecast (Summary) | Met Office SEPA Natural Resources Wales | <p>Today: Scotland and Northern Ireland will see a mixture of sunny intervals and scattered showers, these most frequent across the north of Scotland where it will also be breezy. Elsewhere dry and fine with good sunny spells. Feeling a little cooler.</p> <p>Tonight: Scattered showers continuing to affect coastal areas of the north and northwest, otherwise dry with clear spells. Cooler 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 Amber warning of extreme heat: Areas affected: East Midlands East of England London & South East England North East England North West England South West England Wales West Midlands Yorkshire & Humber</p> <p>Starts: 00:00 BST on Sun 17 July Ends: 23:59 BST on Mon 18 July Exceptionally high temperatures are possible during Sunday and Monday and could lead to widespread impacts on people and infrastructure</p> <p>Flood Warnings No flood warnings are currently in force for England.</p> |

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