

**National Electricity
Transmission System Status Report**

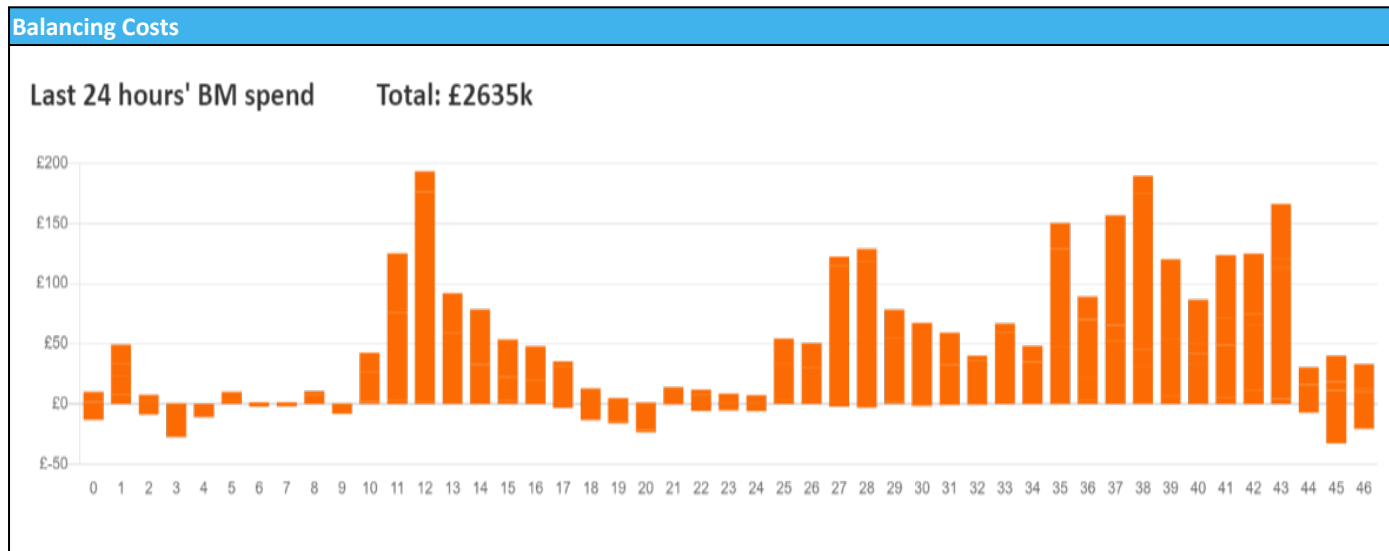


national**grid**ESO

National Electricity Transmission System Status Report
Thursday 16 June 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 | | | |

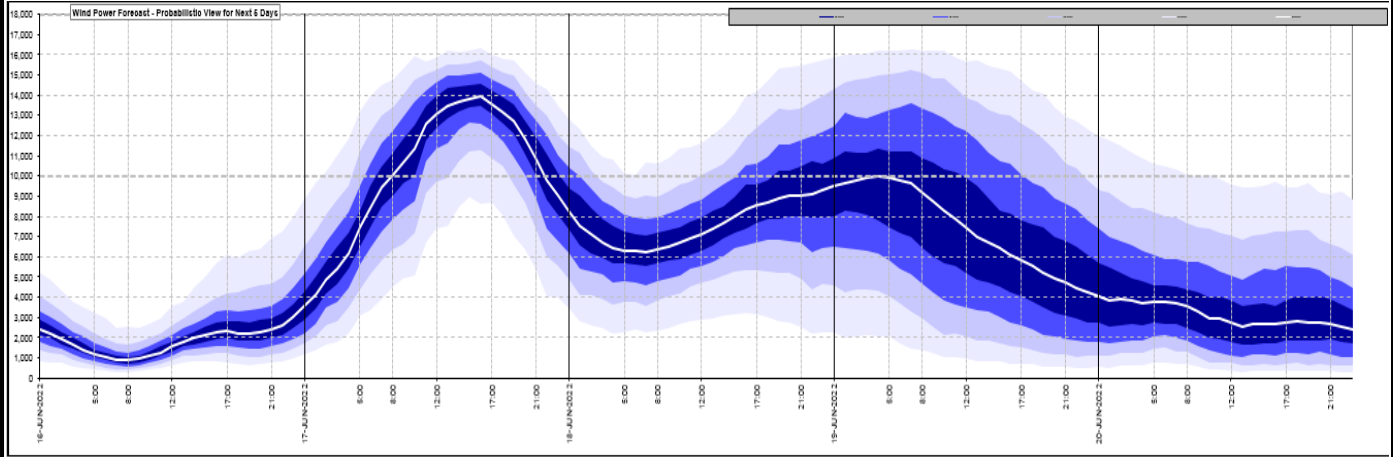
| | | |
|-------------------------------------------------|-----------------|---------|
| Today's Minimum De-Rated Margin | 4614.82 (SP 40) | |
| Current BMU Largest Loss Risk | Generation | 1500 MW |
| | Demand | 1150 MW |



| Yesterday's Market Summary | |
|---------------------------------------|------------------|
| Cash Out Price (Max) | £291.02(SP 37) |
| Cash Out Price (Min) | £93.25 (SP 5, 6) |
| Peak Demand Yesterday | 31,561 MW |
| Minimum Demand | 19,220 MW |

| Interconnector Net Transfer Capacity (MWs) | | | |
|-----------------------------------------------|--------|--------|-------------------------------------------------|
| Today | Import | Export | Remarks |
| Netherlands (BritNed) | 1100 | 1133 | Fully Available |
| France (IFA2) | 0 | 0 | Planned Outage |
| Belgium (Nemo) | 1020 | 1020 | Fully Available |
| Ireland (EWIC) | 500 | 530 | Fully Available |
| Northern Ireland (MOYLE) | 250 | 250 | Partially Available |
| Norway (NSL) | 1424 | 900 | Fully Available, ESO NTC restriction for Export |
| France (ElecLink) | 1014 | 900 | Fully Available, ESO NTC restriction for Export |
| France (IFA) | 1000 | 1000 | Partially Available |

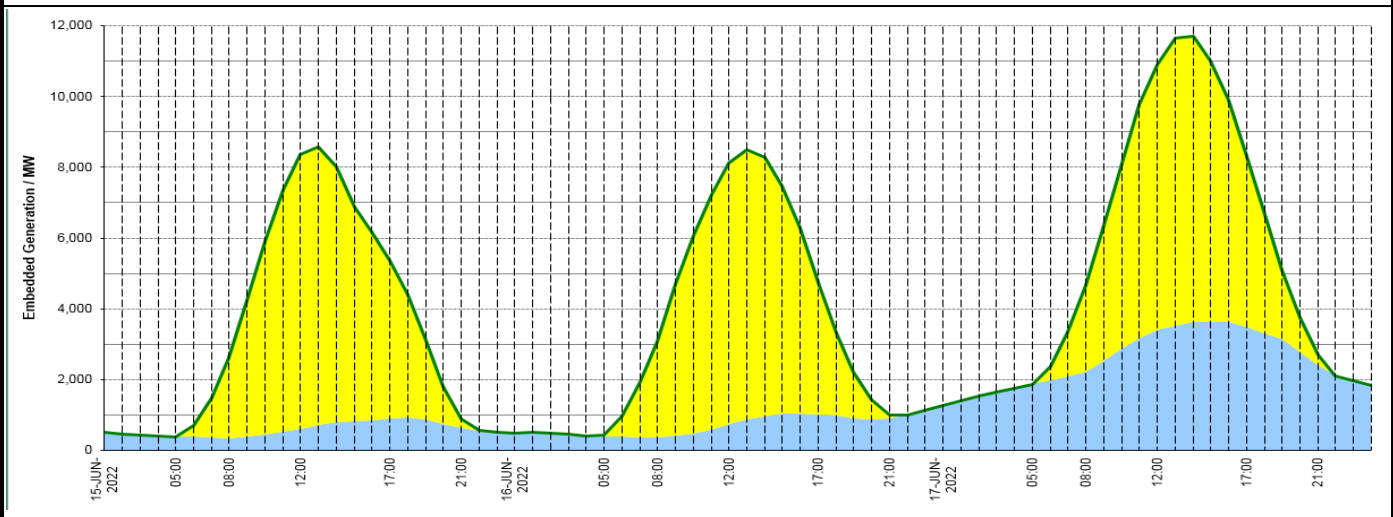
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

| | 15-JUN-2022 | | | | | 16-JUN-2022 | | | | | 17-JUN-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) | 3 | 2280 | 7770 | 4470 | 244 | 0 | 33 | 2694 | 7391 | 3743 | 100 | 0 | 0 | 2438 | 7509 | 4839 | 293 |
| Wind (MW) | 384 | 337 | 598 | 900 | 635 | 496 | 390 | 367 | 726 | 1014 | 908 | 1253 | 1863 | 2230 | 3398 | 3478 | 2412 |
| STOR (MW) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total (MW) | 387 | 2617 | 8368 | 5370 | 879 | 496 | 423 | 3061 | 8117 | 4757 | 1008 | 1253 | 1863 | 4668 | 10907 | 8317 | 2705 |



| Weather | Source | Commentary |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Latest forecast (Summary) | Met Office SEPA Natural Resources Wales | Today: Northwestern UK, mainly western Scotland, cloudy with occasional rain, heavier for a time. Scattered heavier showers likely in northeast Scotland for a time too. Most of southern UK seeing plenty of very warm sunshine, though with some high cloud too. Tonight: Rain turning heavier and more widespread for northwestern UK, along with stronger winds, although the far northwest drier later. Southern areas mostly fine and warmer than recent nights.. |
| 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 No flood warnings are currently in force for England. No flood warnings are currently in force for Scotland. 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 |