

National Electricity Transmission System Status Report

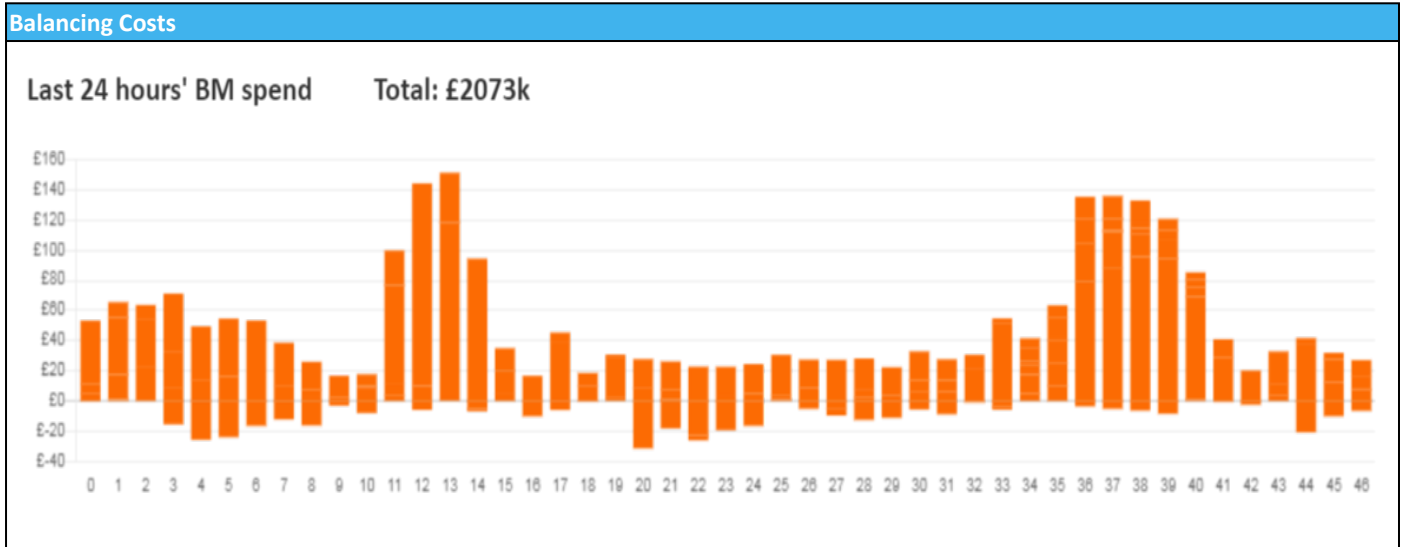


nationalgridESO

National Electricity Transmission System Status Report
Friday 21 April 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 | | | |

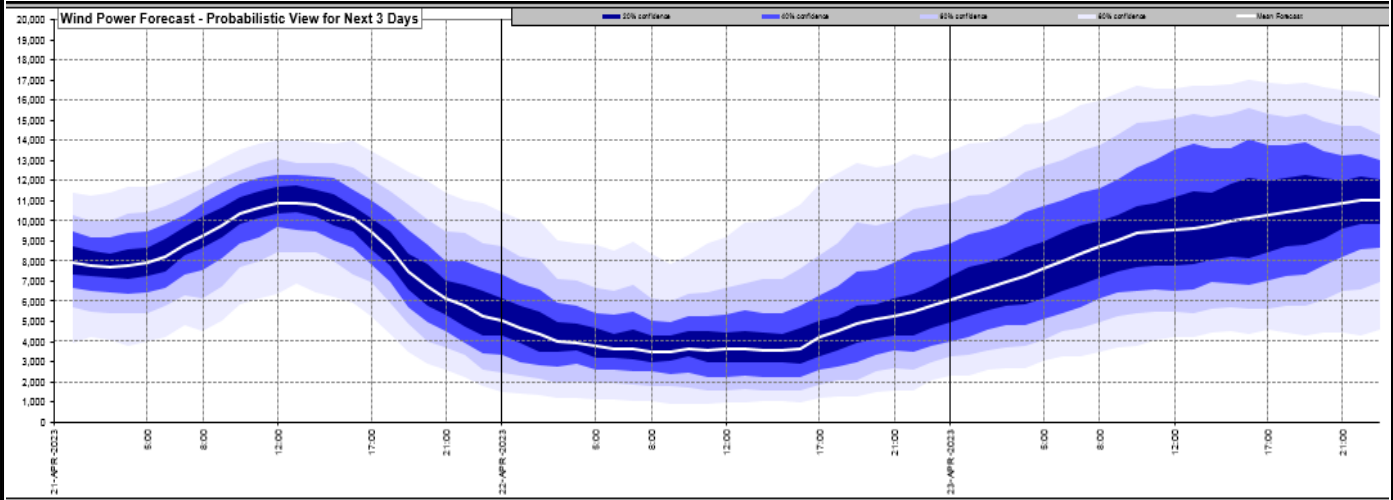
| | | |
|-------------------------------------------------|-----------------|---------|
| Today's Minimum De-Rated Margin | 9793.60 (SP 48) | |
| Current BMU Largest Loss Risk | Generation | 1300 MW |
| | Demand | 560 MW |



| Yesterday's Market Summary | |
|---------------------------------------|-----------------|
| Cash Out Price (Max) | £195.00 (SP 14) |
| Cash Out Price (Min) | £26.00 (SP 29) |
| Peak Demand Yesterday | 32,353 MW |
| Minimum Demand | 20,020 MW |

| Interconnector Net Transfer Capacity (MWs) | | | |
|-----------------------------------------------|--------|--------|-----------------|
| Today | Import | Export | Remarks |
| Netherlands (BritNed) | 1100 | 1133 | 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) | 1424 | 1424 | Fully Available |
| France (IFA2) | 1014 | 1014 | Fully Available |

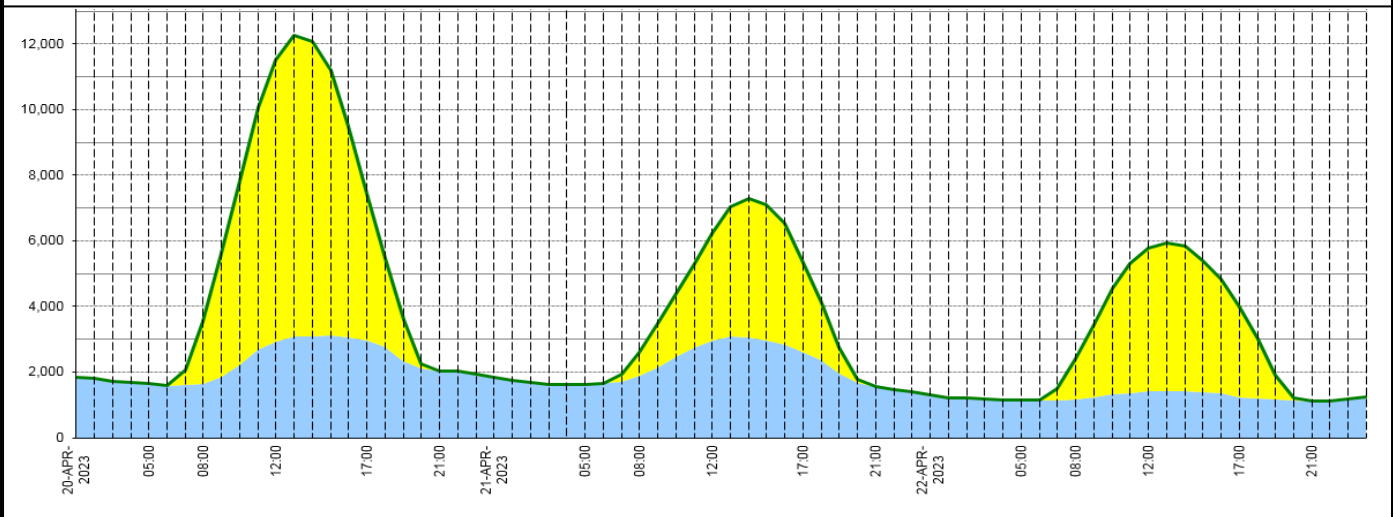
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

| | 20-APR-2023 | | | | | 21-APR-2023 | | | | | 22-APR-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 | 1891 | 8561 | 4490 | 0 | 0 | 0 | 715 | 3275 | 2714 | 0 | 0 | 0 | 1244 | 4368 | 2760 | 0 |
| Wind (MW) | 1647 | 1641 | 2941 | 2962 | 2020 | 1843 | 1612 | 1898 | 2951 | 2624 | 1549 | 1297 | 1144 | 1162 | 1415 | 1237 | 1118 |
| STOR (MW) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total (MW) | 1647 | 3532 | 11502 | 7452 | 2020 | 1843 | 1612 | 2613 | 6226 | 5338 | 1549 | 1297 | 1144 | 2406 | 5783 | 3997 | 1118 |



| Weather | Source | Commentary |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Latest forecast (Summary) | Met Office SEPA Natural Resources Wales | <p>Today: Rain or showers affecting parts of England and Wales, heavy in places, though some brightness too. Remaining fine and often sunny across Scotland, Northern Ireland and parts of northern England. Warm in the west but cool across much of England.</p> <p>Tonight: Mainly dry in south with a few showers and slight frost. Rain for parts of northern England. Mostly fine Scotland and Northern Ireland though low cloud in northeast.</p> |
| General Weather Concerns e.g. wind, rain, snow, | Met Office Weather Warnings | <p>UK Weather Warnings No weather warnings are in force for the UK.</p> |

| Weather | Source | Commentary |
|-------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| flooding, GB Weather Warnings | SEPA Natural Resources Wales | <p>Flood Warnings</p> <p>9 flood alerts and 0 flood warnings for England.</p> <p>No flood warnings are currently in force for Scotland.</p> <p>No flood warnings are currently in force for Wales.</p> |

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 |