



NESO

National Electricity Transmission System Status report

NESO National Electricity Transmission System Status Report
Saturday 21 June 2025

| 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 | 12,289 MW (SP 48) | |
| Current BMU Largest Loss Risk | Generation | 1600 MW |
| | Demand | 1150 MW |

Balancing Costs

Last 24 hours' BM spend Total: £1935k



Yesterday's Market Summary

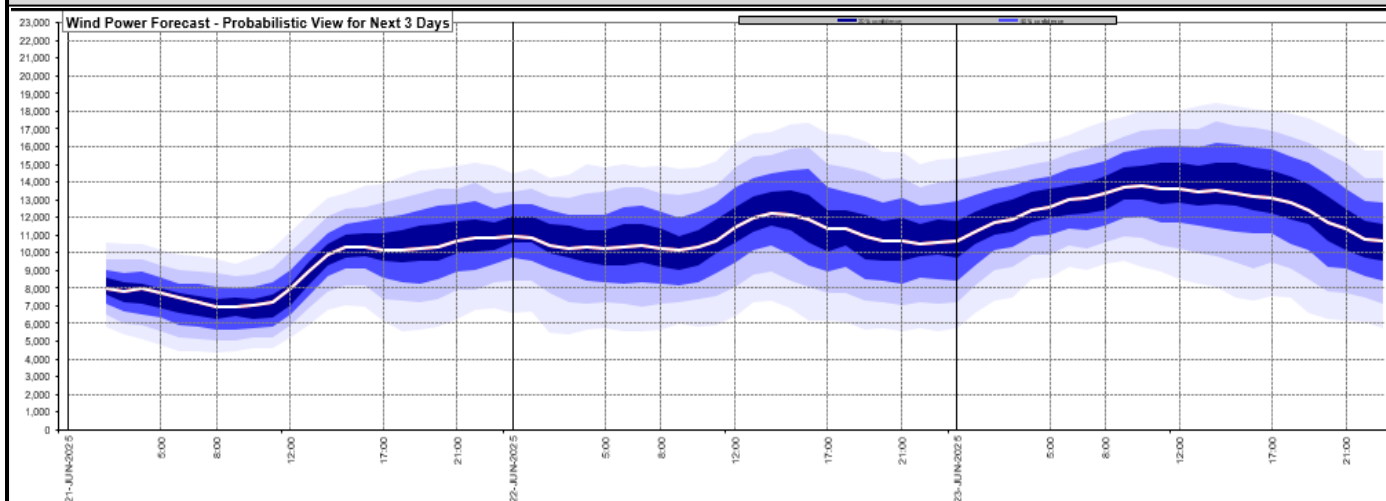
| | |
|---------------------------------------|--------------------|
| Cash Out Price (Max) | £132 MWh (SP 13) |
| Cash Out Price (Min) | £60.93 MWh (SP 30) |
| Peak Demand Yesterday | 28,005MW |
| Minimum Demand | 19,684 MW |

Interconnector

Net Transfer Capacity (MWs)

| Today | Import | Export | Remarks |
|--------------------------|--------|--------|-----------------------------------|
| Netherlands (BritNed) | 1000 | 1000 | Fully Available |
| Belgium (Nemo) | 1000 | 1000 | Fully Available |
| Ireland (EWIC) | 500 | 500 | Fully Available |
| Northern Ireland (MOYLE) | 450 | 450 | Fully Available |
| Norway (NSL) | 1400 | 1400 | Fully Available |
| France (IFA2) | 1000 | 1000 | Fully Available |
| Ireland (GreenLink) | 500 | 500 | Fully Available |
| Viking Link | 1400 | 1400 | Fully Available |
| France (ElecLink) | 1000 | 1000 | Fully Available |
| France (IFA) | 1000 | 1000 | Unplanned Capacity Unavailability |

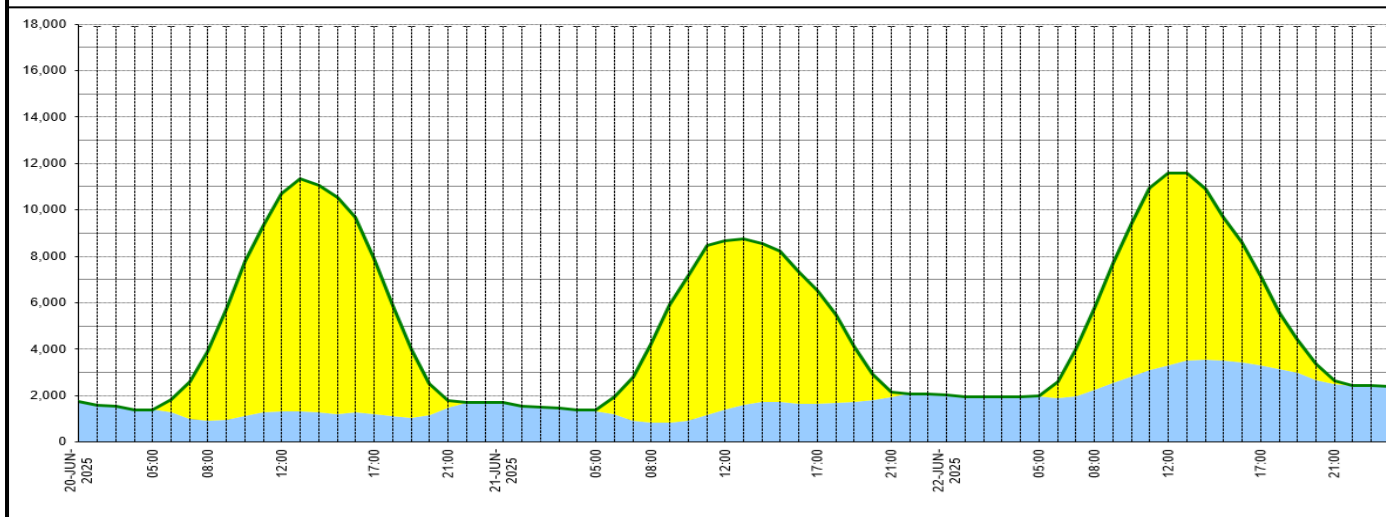
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

| | 20-JUN-2025 | | | | | 21-JUN-2025 | | | | | 22-JUN-2025 | | | | |
|------------|-------------|-------|-------|-------|-------|-------------|-------|-------|-------|-------|-------------|-------|-------|-------|-------|
| | 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 |
| Solar (MW) | 1 | 2959 | 9369 | 6695 | 314 | 0 | 56 | 3386 | 7288 | 4887 | 206 | 0 | 19 | 3525 | 8273 |
| Wind (MW) | 1386 | 925 | 1319 | 1200 | 1485 | 1700 | 1326 | 827 | 1398 | 1638 | 1951 | 2021 | 1964 | 2243 | 3313 |
| STOR (MW) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total (MW) | 1387 | 3884 | 10688 | 7895 | 1799 | 1700 | 1382 | 4213 | 8686 | 6525 | 2157 | 2021 | 1983 | 5768 | 11586 |



| Weather | Source | Commentary |
|--|---|---|
| Latest forecast (Summary) | Met Office SEPA Natural Resources Wales | Today: A warm, bright start but turning cloudier from the south through the morning. Scattered, showers spread across the southwest, moving northeastwards by the afternoon bringing a risk of heavy showers, thunderstorms, and hail to northern England and Wales later. Tonight: Heavy showers and thunderstorms in the north gradually clear overnight. Mostly dry with clear spells elsewhere, although further heavy showers in the northwest by dawn. Feeling fresher in the west. |
| General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings | Met Office Weather Warnings SEPA Natural Resources Wales | UK Weather Warnings Yellow warning of thunderstorms Areas affected: East Midlands North East England North West England Wales West Midlands Yorkshire & Humber Starts: 15:00 BST on Sat 21 June Ends: 04:00 BST on Sun 22 June Scattered thunderstorms may cause some impacts Saturday afternoon, into the evening and night. - Where lightning strikes occur, there is a chance of delays and some cancellations to train and bus services - Spray and sudden flooding could lead to difficult driving conditions and some road |

| Weather | Source | Commentary |
|---------|--------|---|
| | | <p>closures</p> <ul style="list-style-type: none"> - There is a small chance that some communities become cut off by flooded roads - There is a slight chance that power cuts could occur and other services to some homes and businesses could be lost - There is a small chance that homes and businesses could be flooded quickly, with damage to some buildings from floodwater, lightning strikes, hail or strong winds |
| | | <p>Flood Warnings</p> <p>0 flood warning and 0 flood alerts issued for England.</p> <p>0 flood warning and 0 flood alerts issued for Scotland.</p> <p>0 flood warnings and 0 flood alerts issued for Wales.</p> |

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| Further Information | |
|----------------------------|---|
| BM Reports | https://www.elexon.co.uk/data/kinnect-insights-solution/ |
| System Balancing Reports | https://www.neso.energy/industry-information/industry-data-and-reports/system-balancing-reports |
| Forecast Volumes and Costs | https://www.neso.energy/industry-information/industry-data-and-reports/forecast-volumes-and-costs |