

NESO
National Electricity
Transmission
System
Status report

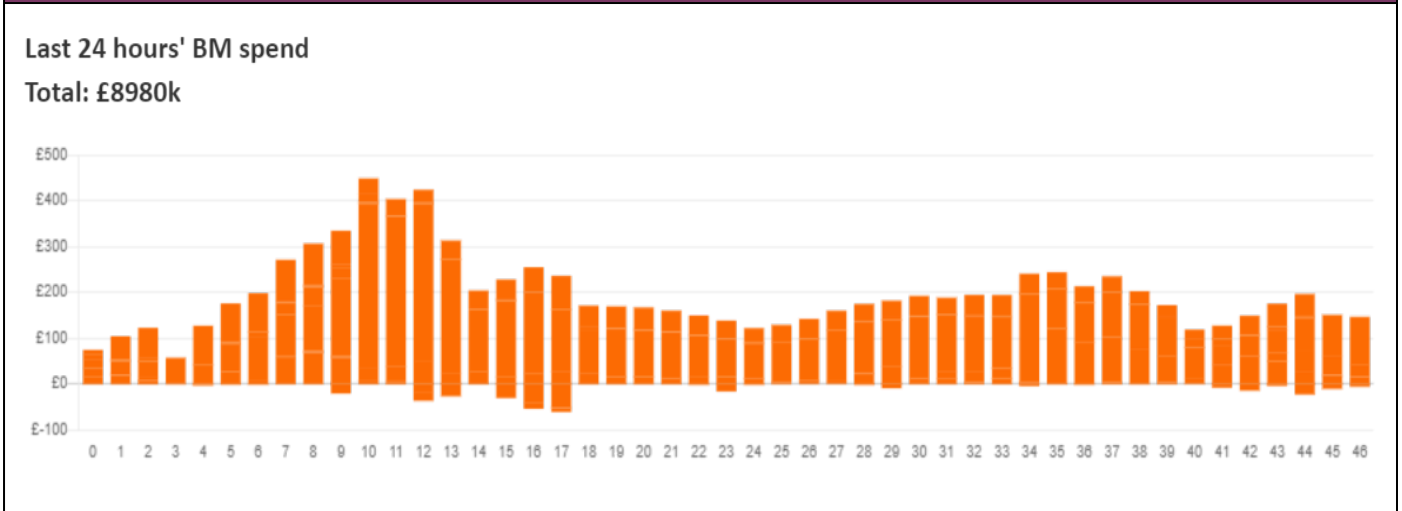


NESO National Electricity Transmission System Status Report
Saturday 25 January 2025

| 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 | 10,299 MW (SP 36) | |
| Current BMU Largest Loss Risk | Generation | 1500 MW |
| | Demand | 560 MW |

Balancing Costs



Yesterday's Market Summary

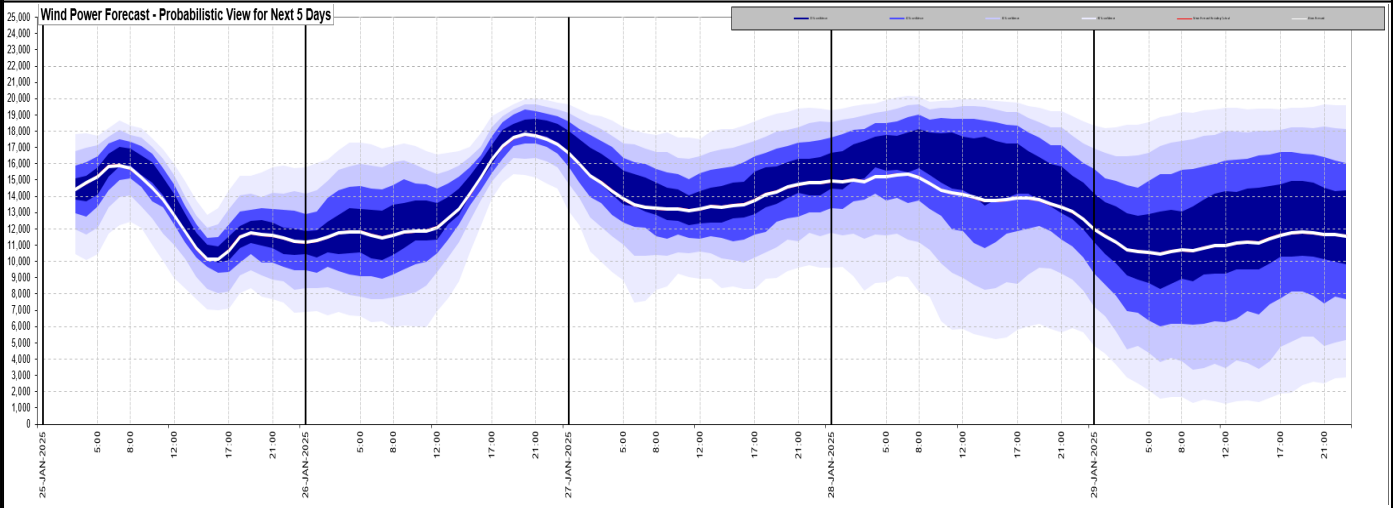
| | |
|---------------------------------------|-------------------------|
| Cash Out Price (Max) | £140.60 /MWh (SP 37-38) |
| Cash Out Price (Min) | £-19 /MWh (SP 9-10) |
| Peak Demand Yesterday | 39,429 MW |
| Minimum Demand | 21,282 MW |

Interconnector

Net Transfer Capacity (MWs)

| Today | Import | Export | Remarks |
|--------------------------|--------|--------|----------------------|
| Netherlands (BritNed) | 0 | 0 | Unplanned Outage |
| France (IFA) | 1500 | 1500 | Partially available |
| Belgium (Nemo) | 1000 | 1000 | Fully Available |
| Ireland (EWIC) | 500 | 500 | Fully Available |
| France (ElecLink) | 0 | 0 | Outage |
| Northern Ireland (MOYLE) | 450 | 450 | Fully Available |
| Norway (NSL) | 1400 | 1400 | Fully Available |
| France (IFA2) | 1000 | 1000 | Fully Available |
| Viking Link | 700 | 700 | Partially Available |
| Ireland (GreenLink) | 0 | 0 | Not yet commissioned |

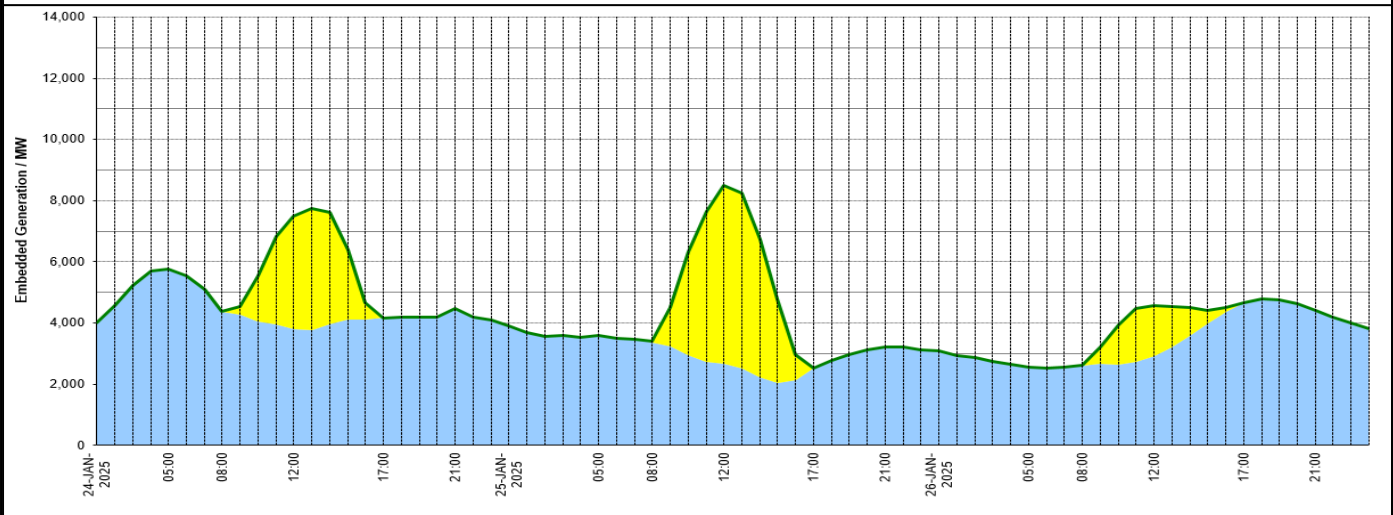
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

| Embedded Generation (non-metered) Estimates | | | | | | | | | | | | | Last run: 25-Jan-2025 04:32:12 | | | | |
|---------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------------------|-------------|-------------|-------------|-------------|
| | 24-JAN-2025 | | | | | 25-JAN-2025 | | | | | 26-JAN-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 | 17:00 | 21:00 |
| Solar (MW) | 0 | 0 | 3688 | 1 | 0 | 0 | 0 | 20 | 5830 | 16 | 0 | 0 | 0 | 21 | 1626 | 0 | 0 |
| Wind (MW) | 5758 | 4367 | 3801 | 4162 | 4460 | 3907 | 3597 | 3375 | 2679 | 2496 | 3224 | 3081 | 2564 | 2612 | 2931 | 4650 | 4427 |
| STOR (MW) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total (MW) | 5758 | 4367 | 7489 | 4163 | 4460 | 3907 | 3597 | 3395 | 8509 | 2512 | 3224 | 3081 | 2564 | 2633 | 4557 | 4650 | 4427 |



| Weather | Source | Commentary |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Latest forecast (Summary) | Met Office SEPA Natural Resources Wales | <p>Today: Remaining very windy in northern Scotland and still blustery in western coastal regions. Sunshine for many but heavy showers in the north and west. Turning cloudier across Northern Ireland with a band of rain and squally winds through the afternoon.</p> <p>Tonight: Largely dry to start with a band of cloud and rain moving eastwards overnight. Showery and heavy for a time with squally winds, and the risk of hail and thunder.</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 wind Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar Orkney & Shetland Strathclyde</p> <p>ACTIVE Started at: 13:00 GMT on Fri 24 January</p> |

| Weather | Source | Commentary |
|---------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | <p>Ends: 06:00 GMT on Sat 25 January</p> <p>Storm Éowyn is expected to bring very strong winds and widespread disruption later on Friday and into early Saturday</p> <ul style="list-style-type: none"> - Flying debris is likely and could lead to Injuries or danger to life - Probably some damage to buildings, such as tiles blown from roofs - Longer journey times and cancellations likely, as road, rail, air and ferry services may be affected - Some roads and bridges likely to close - There is a good chance that power cuts may occur, with the potential to affect other services, such as mobile phone coverage <p>Issued at: 10:42 GMT on Thu 23 January</p> <p>Yellow warning of snow and ice Areas affected: Northern Ireland</p> <p>ACTIVE Started at: 19:00 GMT on Fri 24 January</p> <p>Ends: 10:00 GMT on Sat 25 January</p> <p>Icy stretches and some snow showers will result in some hazardous driving conditions.</p> <ul style="list-style-type: none"> - Some roads and railways likely to be affected with longer journey times by road, bus and train services - Some injuries from slips and falls on icy surfaces - Probably some icy patches on some untreated roads, pavements and cycle paths <p>Issued at: 09:40 GMT on Fri 24 January</p> <p>Yellow warning of wind Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar Orkney & Shetland SW Scotland, Lothian Borders Strathclyde</p> <p>ACTIVE Started at: 00:00 GMT on Sat 25 January</p> <p>Ends: 15:00 GMT on Sat 25 January</p> <p>Storm Éowyn will continue to bring strong winds into Saturday, with some disruption possible</p> <ul style="list-style-type: none"> - Power cuts may occur, with the potential to affect other services, such as mobile phone coverage - Injuries and danger to life from flying debris are possible - Some damage to buildings, such as tiles blown from roofs, could happen - Road, rail, air and ferry services may be affected, with longer journey times and cancellations possible - Some roads and bridges may close - Injuries and danger to life could occur from large waves and beach material being thrown onto sea fronts, coastal roads and properties <p>Issued at: 11:50 GMT on Tue 21 January</p> <p>Last updated: 3 days agoLast updated: 3 days ago</p> <p>Yellow warning of snow and ice Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar SW Scotland, Lothian Borders Strathclyde</p> <p>ACTIVE</p> |

| Weather | Source | Commentary |
|---------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | <p>Started at: 00:00 GMT on Sat 25 January</p> <p>Ends: 11:00 GMT on Sat 25 January</p> <p>Icy stretches and some snow showers will result in some hazardous driving conditions.</p> <ul style="list-style-type: none"> - Some roads and railways likely to be affected with longer journey times by road, bus and train services - Some injuries from slips and falls on icy surfaces - Probably some icy patches on some untreated roads, pavements and cycle paths <p>Issued at: 09:40 GMT on Fri 24 January</p> <p>Yellow warning of ice Areas affected: East Midlands East of England London & South East England South West England Wales West Midlands</p> <p>ACTIVE</p> <p>Started at: 03:00 GMT on Sat 25 January</p> <p>Ends: 10:00 GMT on Sat 25 January</p> <p>Icy stretches will lead to hazardous conditions in places on Saturday morning.</p> <ul style="list-style-type: none"> - Some injuries from slips and falls on icy surfaces - Probably some icy patches on some untreated roads, pavements and cycle paths <p>Issued at: 09:40 GMT on Fri 24 January</p> <p>Yellow warning of rain Areas affected: East Midlands East of England London & South East England North West England South West England Wales West Midlands</p> <p>Starts: 08:00 GMT on Sun 26 January</p> <p>Ends: 06:00 GMT on Mon 27 January</p> <p>Spells of heavy rain may lead to some local flooding during Sunday and Monday.</p> <ul style="list-style-type: none"> - There is a small chance that homes and businesses could be flooded, causing damage to some buildings - There is a small chance of fast flowing or deep floodwater causing danger to life - Where flooding occurs, there is a slight chance of delays or cancellations to train and bus services - Spray and flooding could lead to difficult driving conditions and some road closures - There is a slight chance of power cuts and loss of other services to some homes and businesses <p>Issued at: 10:38 GMT on Thu 23 January</p> <p>Yellow warning of wind Areas affected: London & South East England North West England Northern Ireland SW Scotland, Lothian Borders South West England Strathclyde Wales West Midlands</p> <p>Starts: 08:00 GMT on Sun 26 January</p> <p>Ends: 15:00 GMT on Sun 26 January</p> <p>Strong winds are likely to cause some disruption on Sunday.</p> <ul style="list-style-type: none"> - Some delays to road, rail, air and ferry transport are likely - Delays for high-sided vehicles on exposed routes and bridges likely |

| Weather | Source | Commentary |
|---------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | <ul style="list-style-type: none"> - It's likely that some coastal routes, sea fronts and coastal communities will be affected by spray and/or large waves - Some short term loss of power and other services is possible - Probably some bus and train services affected, with some journeys taking longer <p>Issued at: 10:38 GMT on Thu 23 January</p> <p>Flood Warnings</p> <p>2 flood warnings and 36 flood alerts issued for England.</p> <p>4 flood warnings and 10 flood alerts issued for Scotland.</p> <p>0 flood warnings and 2 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 |