

**National Electricity
Transmission System Status Report**



national**grid**ESO

National Electricity Transmission System Status Report
Sunday 24 November 2019

| Today's High Level Risk Status Forecast for the next 24h | | | |
|--|--|----------------|--|
| General Status | | Voltage | |
| Demand | | System Inertia | |
| System Margins | | Weather | |
| Generation | | Transmission | |
| Active Constraints | | | |

| | | |
|---|--------------|--------|
| Today's Minimum De-Rated Margin | 1148 (SP 35) | |
| System Warnings | None | |
| Current BMU Largest Loss Risk | Generation | 1260MW |
| | Demand | 560MW |

Balancing Costs

Last 24 hours' BM spend

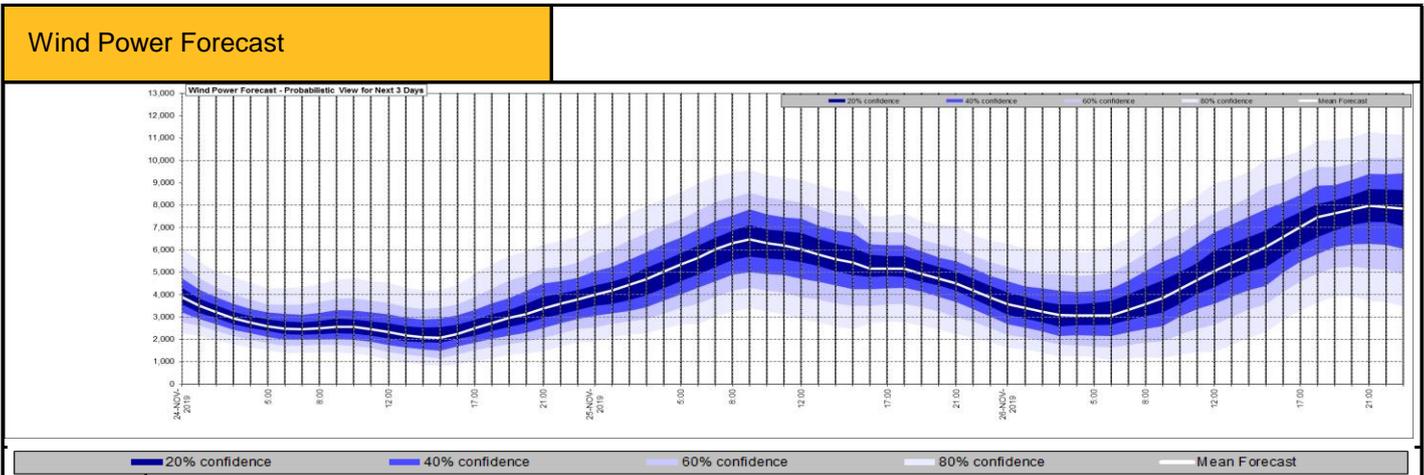
Total: £1199k



Yesterday's Market Summary

| | |
|---------------------------------------|----------------------------|
| Cash out price (Max) | £85.00/MWh (SP 32, 33, 35) |
| Cash Out Price (Min) | £2.50/MWh (SP 8) |
| Peak Demand Yesterday | 45,047 MW |

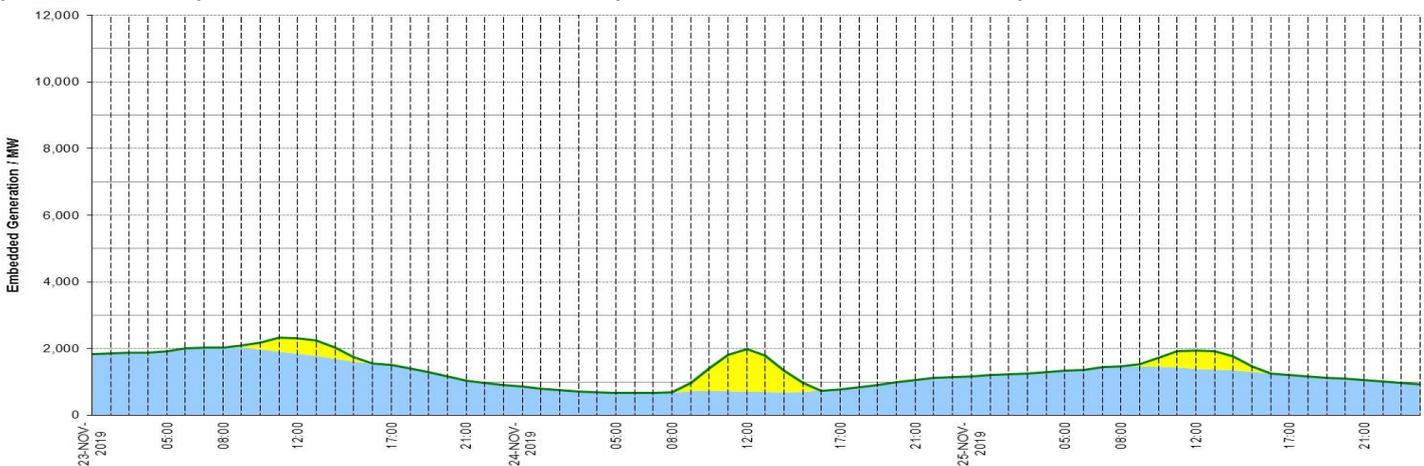
| Interconnectors Net Transfer Capacity (MWs) | | | |
|--|--------|--------|---------------------|
| Today | Import | Export | |
| Netherlands (BritNed) | 1100 | 1133 | Fully Available |
| France (IFA) | 2000 | 2000 | Fully Available |
| Belgium (Nemo) | 1013 | 1013 | Fully Available |
| Ireland (EWIC) | 500 | 530 | Fully Available |
| Northern Ireland (MOYLE) | 395 | 500 | Partially available |



Expected embedded generation (MWs)

Embedded Generation Forecast

| | 23-NOV-2019 | | | | | 24-NOV-2019 | | | | | 25-NOV-2019 | | | | | | |
|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | 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 | 462 | 0 | 0 | 0 | 0 | 0 | 1282 | 0 | 0 | 0 | 0 | 0 | 544 | 0 | 0 |
| Wind (MW) | 1929 | 2023 | 1844 | 1501 | 1042 | 854 | 668 | 690 | 707 | 779 | 1055 | 1174 | 1341 | 1457 | 1402 | 1203 | 1056 |
| STOR (MW) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total (MW) | 1929 | 2023 | 2306 | 1501 | 1042 | 854 | 668 | 690 | 1989 | 779 | 1055 | 1174 | 1341 | 1457 | 1946 | 1203 | 1056 |



| Weather | Source | Commentary |
|---|---|---|
| Latest forecast (Summary) | Met Office SEPA Natural Resources Wales | <p>Today: Rain clearing northeast Scotland this morning. Elsewhere., dull and misty with drizzle at first. Gradually turning brighter and drier, but further wet and windy weather reaching the southwest later.</p> <p>Tonight: Rain, heavy at times, spreading across southwest England and Wales, followed by scattered showers. Dry, mainly cloudy and rather mild elsewhere.</p> |
| General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings | Met Office Weather SEPA Natural Resources Wales | <p>Weather Warnings: Yellow warning of rain Areas affected: Central, Tayside & Fife Grampian Highlands & Eilean Siar South West England Wales London & South East England South West England Wales East Midlands Yorkshire & Humber</p> <ul style="list-style-type: none"> - Flooding of a few homes and businesses is likely - Bus and train services probably affected with journey times taking longer - Spray and flooding on roads probably making journey times longer <p>Flood Warning: 3 Flood Alerts Scotland 2 Flood Warnings in England</p> |

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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 |