

**National Electricity
Transmission System Status Report**



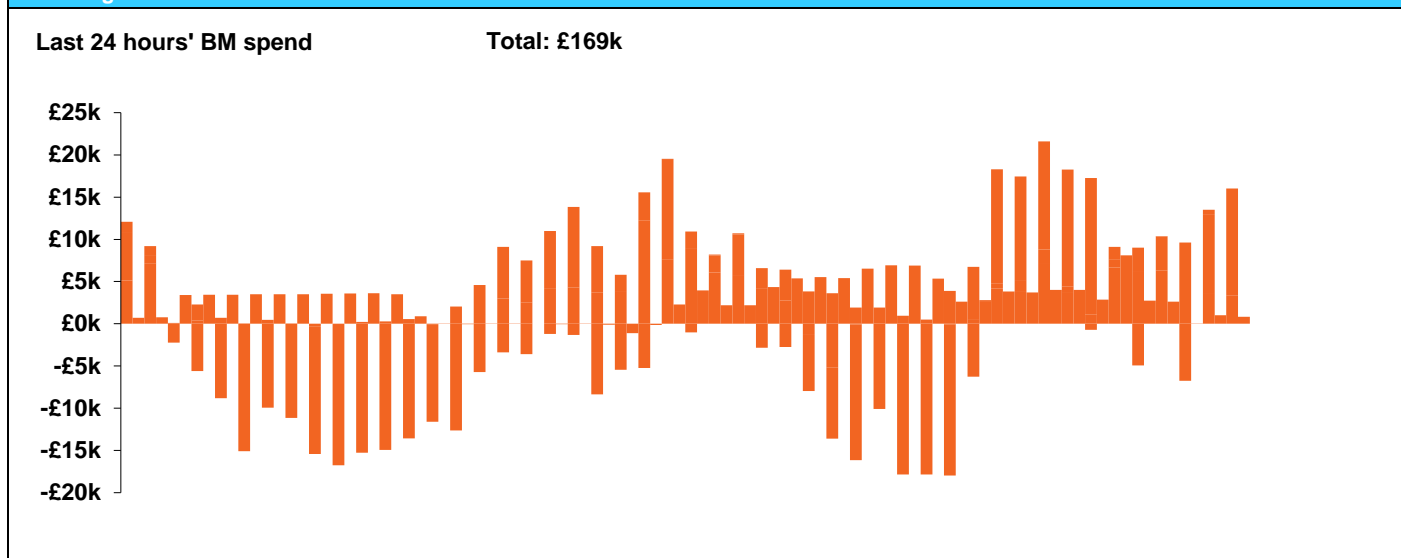
national**grid**ESO

National Electricity Transmission System Status Report
Sunday 23 June 2019

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

| | | |
|---|----------------|--------|
| Today's Minimum De-Rated Margin | 9650 MW (SP38) | |
| System Warnings | None | |
| Current BMU Largest Loss Risk | Generation | 1200MW |
| | Demand | 560MW |

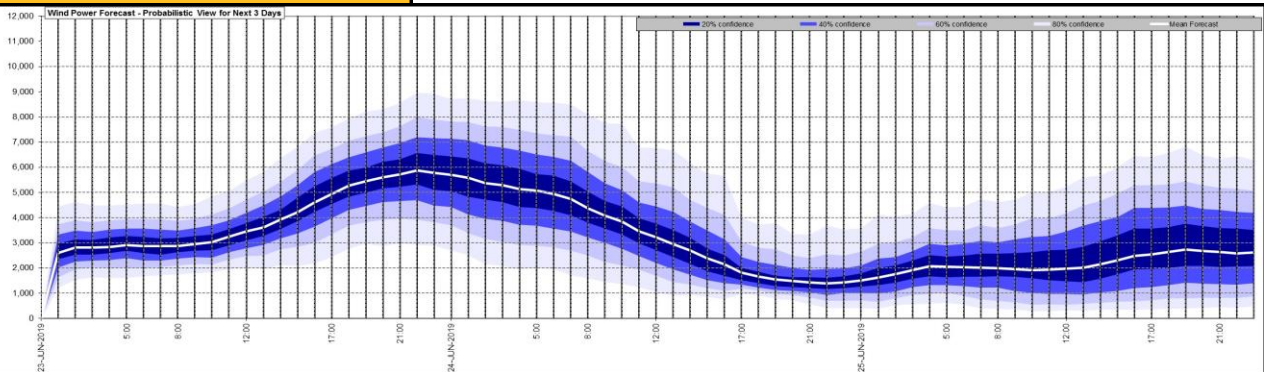
Balancing Costs



| Yesterday's Market Summary | |
|---------------------------------------|-------------------|
| Cash out price (Max) | £65.00/MWh (SP24) |
| Cash Out Price (Min) | £14.42/MWh (SP30) |
| Peak Demand Yesterday | 26,250 MW |

| Interconnectors Net Transfer Capacity (MWs) | | | |
|--|--------|--------|----------------------|
| Today | Import | Export | |
| Netherlands (BritNed) | 1000 | 1030 | Fully available |
| France (IFA) | 1000 | 1000 | Bipole 1 on outage |
| Belgium (Nemo) | 1013 | 1013 | Fully Available |
| Ireland (EWIC) | 500 | 530 | Fully Available |
| Northern Ireland (MOYLE) | 395 | 500 | Partially available. |

Wind Power Forecast



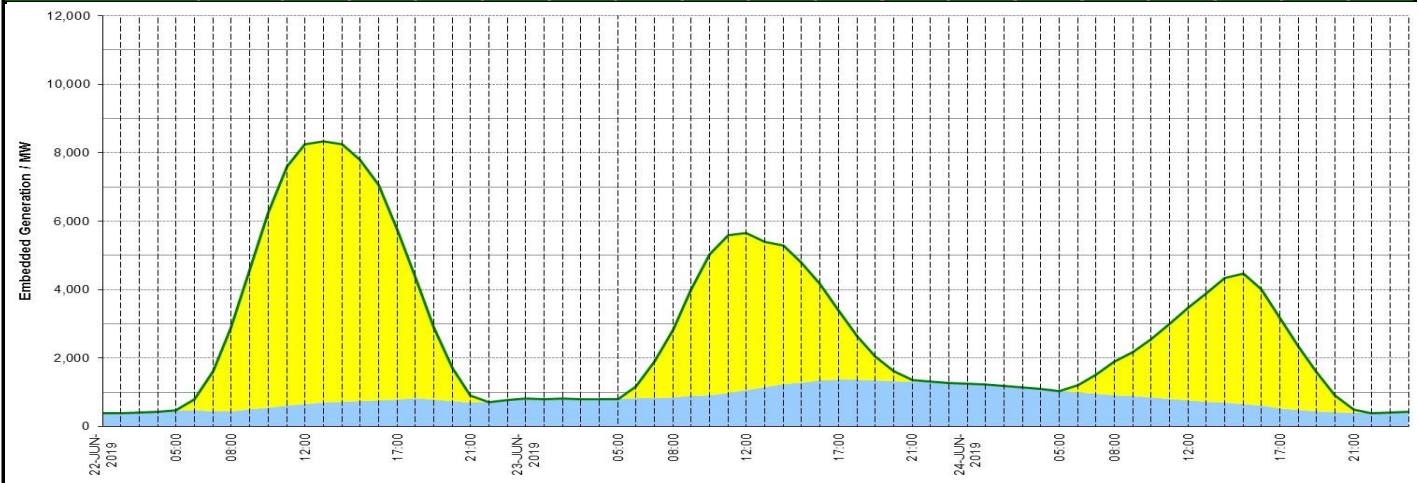
Key:

| | | | | |
|----------------|----------------|----------------|----------------|---------------|
| 20% confidence | 40% confidence | 60% confidence | 80% confidence | Mean Forecast |
|----------------|----------------|----------------|----------------|---------------|

Expected embedded generation (MWs)

Embedded Generation Forecast

| | 22-JUN-2019 | | | | | 23-JUN-2019 | | | | | 24-JUN-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) | 5 | 2460 | 7590 | 4940 | 193 | 0 | 0 | 1974 | 4587 | 2017 | 41 | 0 | 0 | 984 | 2719 | 2648 | 94 |
| Wind (MW) | 470 | 441 | 650 | 796 | 704 | 823 | 809 | 854 | 1066 | 1371 | 1309 | 1257 | 1037 | 925 | 765 | 529 | 409 |
| STOR (MW) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total (MW) | 475 | 2901 | 8240 | 5736 | 897 | 823 | 809 | 2828 | 5653 | 3388 | 1350 | 1257 | 1037 | 1909 | 3484 | 3177 | 503 |



| Weather | Source | Commentary |
|---|---|---|
| Latest forecast (Summary) | Met Office SEPA Natural Resources Wales | <p>Today: Showery rain in the southwest extending north in other western and perhaps central parts, when some of this could turn heavy and thundery. Most other areas dry and bright, with increasingly hazy sunshine. Generally feeling warm, and becoming more humid.</p> <p>Tonight: Rain turning heavier across central and northern parts, with a risk of thunder. Increasingly murky across eastern Scotland. Drier further south, but a risk of further thundery rain later.</p> |
| General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings | Met Office Weather SEPA Natural Resources Wales | <p>Weather Warnings: Yellow Warnings for Thunderstorms for North East & North West England from 19:00 hours.</p> <p>On Monday; Yellow Warnings for Thunderstorms for England & Wales and Yellow Warnings for Heavy Rain in Scotland.</p> <p>Flood Warnings: There are currently no flood warnings for the UK.</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 |