

**National Electricity
Transmission System Status Report**



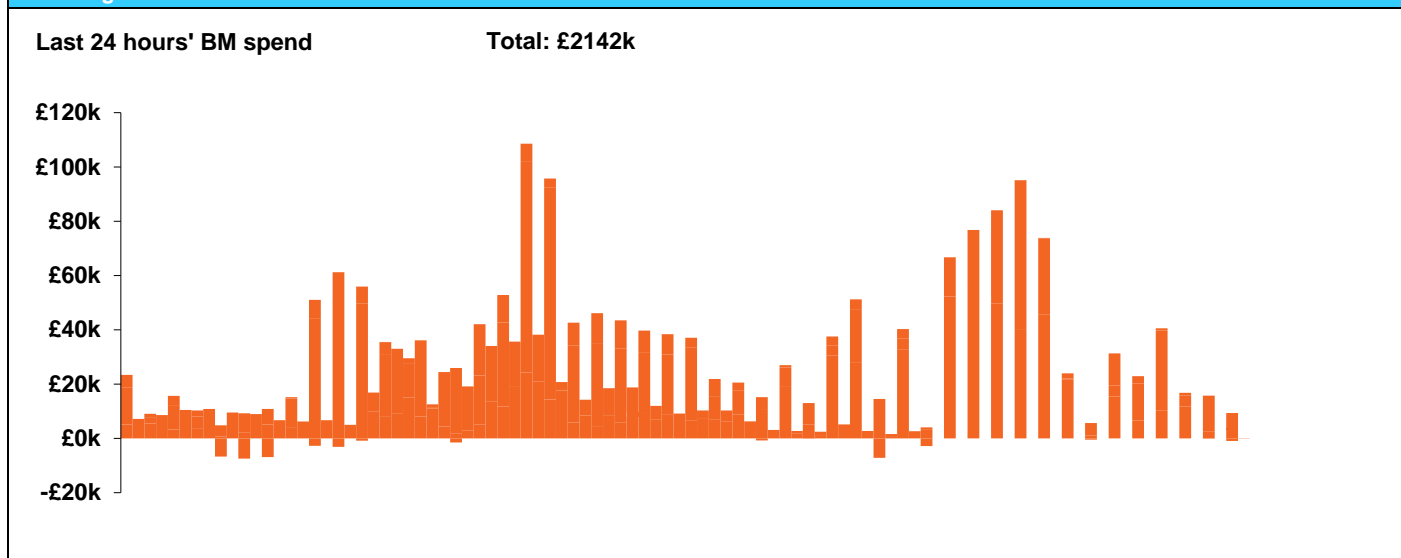
national**grid**ESO

National Electricity Transmission System Status Report
Thursday 25 July 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 | 7060 MW (SP 38) | |
| System Warnings | None | |
| Current BMU Largest Loss Risk | Generation | 1260MW |
| | Demand | 560MW |

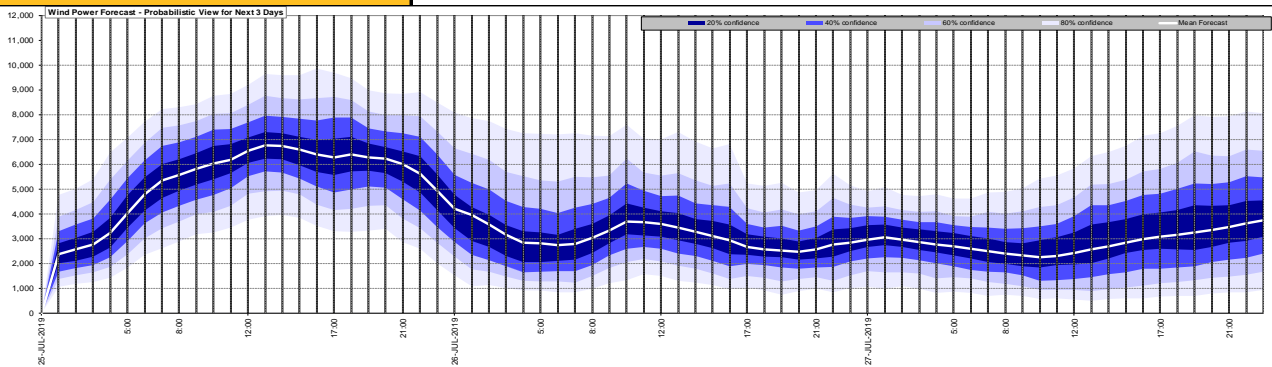
Balancing Costs



| Yesterday's Market Summary | |
|---------------------------------------|-------------------|
| Cash out price (Max) | £98.00/MWh (SP18) |
| Cash Out Price (Min) | £26.15/MWh (SP15) |
| Peak Demand Yesterday | 33518 |

| Interconnectors Net Transfer Capacity (MWs) | | | |
|--|--------|--------|----------------------|
| Today | Import | Export | |
| Netherlands (BritNed) | 1000 | 1030 | 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. |

Wind Power Forecast



Key:

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

Expected embedded generation (MWs)

Embedded Generation Forecast

| | 24-JUL-2019 | | | | | 25-JUL-2019 | | | | | 26-JUL-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 | 1510 | 7150 | 4370 | 86 | 1 | 0 | 2628 | 8297 | 4605 | 55 | 0 | 0 | 1788 | 3785 | 2344 | 13 |
| Wind (MW) | 1199 | 1144 | 1366 | 1255 | 704 | 774 | 1038 | 1252 | 1588 | 1553 | 1296 | 1143 | 931 | 1026 | 1175 | 977 | 700 |
| STOR (MW) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total (MW) | 1199 | 2654 | 8516 | 5625 | 790 | 775 | 1038 | 3880 | 9885 | 6158 | 1351 | 1143 | 931 | 2814 | 4960 | 3321 | 713 |

