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- Click 'Turn on live captions'

# NESO Operational Transparency Forum

18 December 2024

NESO
National Energy System Operator

# Introduction | Sli.do code #OTF

Slido code #OTF

**To ask questions live & give us post event feedback go to Sli.do event code #OTF.**

- **Ask your questions as early as possible** as our experts may need time to ensure a correct answer can be given live.
- **Please provide your name or organisation**. This is an operational forum for industry participants therefore questions from unidentified parties will not be answered live. If you have reasons to remain anonymous to the wider forum, please use the advance question or email options below.
- **The OTF is not the place to challenge the actions of individual parties** (other than the NESO), and we will not comment on these challenges. This type of concern can be reported to the Market Monitoring team at: marketreporting@nationalenergyso.com
- **Questions will be answered in the upvoted order whenever possible**. We will take questions from further down the list when: the answer is not ready; we need to take the question away or the topic is outside of the scope of the OTF.
- **Sli.do will remain open until 12:00**, even when the call closes earlier, to provide the maximum opportunity for you to ask questions. After that please use the advance questions or email options below.
- **All questions will be recorded and published.** Questions which are not answered on the day will be included, with answers, in the slide pack for the next OTF.
- **Ask questions in advance** (before 12:00 on Monday) at: https://forms.office.com/r/k0AEfKnai3
- **Ask questions anytime** whether for inclusion in the forum or individual response at: box.nc.customer@nationalenergyso.com

**Stay up to date on our webpage:** https://www.neso.energy/what-we-do/systems-operations/operational-transparency-forum (OTF Q&A is published with slide packs)

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# Future deep dive / focus topics

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**Today's focus topic**

Transparency of dispatch efficiency: Publication Detail (Skip Rates) – 18 December

**Future**

OTF survey launch – tell us what you think – 15 January

Initial National Demand Outturn – 22 January

120 GVA.s Minimum Inertia System Review – 29 January

If you have suggestions for future deep dives or focus topics, please send them to us at: box.nc.customer@nationalenergyso.com and we will consider including them in a future forum

# Recent questions about Balancing Service Adjustment Data (BSAD )data and related issues

These questions, including those received via email and as advanced questions this week are being addressed by the NESO Settlements Team. They have provided the update below:

**We appreciate you bringing these issues and questions to our attention. We are committed to get resolution or a clear way forward to all of the outstanding queries in the new year.**

**We  believe a number of these may have been resolved/answered but we will be reviewing these over the coming weeks and will provide on update on January 8th.**

**For future questions about BSAD and other Settlement related issues please email the Settlements Team directly at: settlement.queries@nationalenergyso.com**

**BSAD – Balancing Services Adjustment Data provided by NESO to Elexon to support their settlement processes.**

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# Discontinuation of three manual Market Operation Data Interface System (MODIS) reports

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- Earlier this year, ELEXON discontinued the publication of certain legacy European Transparency Regulation (ETR) reports following CP1583 and the transition to their Insights Platform because the information in those reports was either duplicated, superseded or nothing was being reported.
- We are similarly discontinuing a further three legacy manual generated MODIS ETR reports because the information they contain is already duplicated in greater detail elsewhere.
- This has been approved by OFGEM and we will publish details of where the information can be found in a document on the MODIS page of the NESO website. This information is summarised below:
- The three reports are:

**Article 8.1 – Year Ahead Margin (annual)**

This is already published for all weeks in the 2-52 week ahead rolling timescale here: https://bmrs.elexon.co.uk/surplus-forecast-and-margin

**Article 14.1b – Installed Generation Capacity (annual)**

Contracted generation is detailed in Appendix F of our Electricity Ten Year Statement here: https://www.neso.energy/publications/electricity-ten-year-statement-etys/etys-documents-and-appendices

**Article 17.1i – Monthly Financial Balance**

Currently a detailed breakdown of all monthly balancing costs including the two categories in the 17.1i report is published in our monthly balancing services summary (MBSS) here: https://www.neso.energy/data-portal/mbss

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# Response Reform January 2025 Webinar

Join us for the Response Reform webinar on **22 January 3pm – 4:30pm**

As a follow on from the October 2024 Future of Mandatory Frequency Response (MFR) Webinar, the Response Reform Team presents current thinking on:

- Dynamic Services reform including closer to real time procurement
- Dynamic Response Consultation (launch February 2025)
- Future of MFR
- Future of Static Response

Sign up here.

If you have any questions please contact: box.futureofbalancingservices@nationalenergyso.com

Slido code #OTF

# Future Event Summary

| Event | Date & Time | Link |
|---|---|---|
| Battery Storage - LCP Methodology Webinar | 19 December 2024 (15:00-15:45) | Register here |
| Slow Reserve Industry Feedback | By 15 January 2025 | Complete the feedback survey here |
| Response Reform Webinar | 22 January 2025 (15:00–16:30) | Register here |
| Future of Registration webinar | 23 January 2025 | Register here |



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Public

# Transparency of dispatch efficiency: Publication Detail (Skip Rates)

18 December 2024

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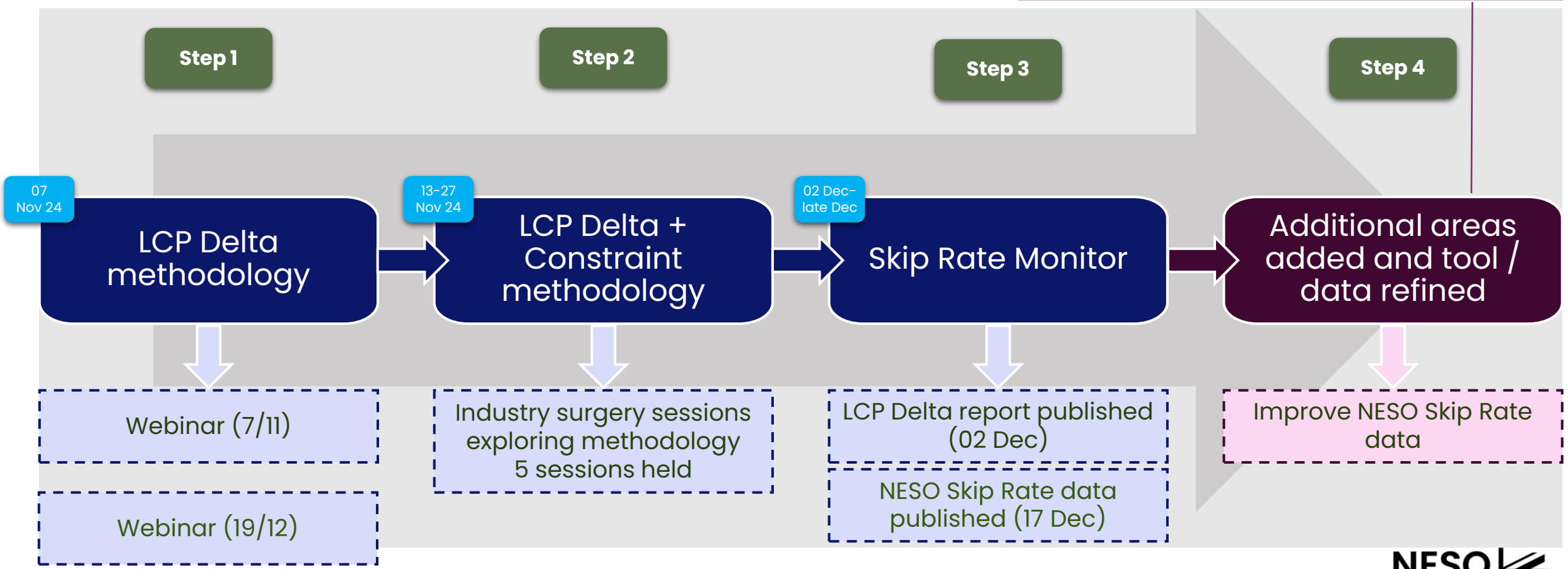
# Skip rate data

Slido code #OTF

Ancillary Services | Pumped storage mode | State of Charge | Run up/down rates | Frequency Response



Slido code #OTF

# Skip rate definitions

## All Balancing Mechanism (BM) Skip Rate

***A measure of unacceptable skips, taking into consideration all BM actions we could have taken over the relevant period.***

Calculated by considering the **out-of-merit actions taken by NESO** (which cannot be attributed to NESO's requirement to maintain operational security or respect individual dynamic physical parameters) divided by **the total volume of actions available up to the most expensive action taken**.

## Post System Actions Skip Rate

***A more targeted measure of unacceptable skips; this measure disregards actions taken for system reasons.***

Calculated by considering the **out-of-merit actions taken by NESO** (which cannot be attributed to NESO's requirement to maintain operational security or respect individual dynamic physical parameters) divided by the **total volume of actions not excluded by NESO's requirements**.

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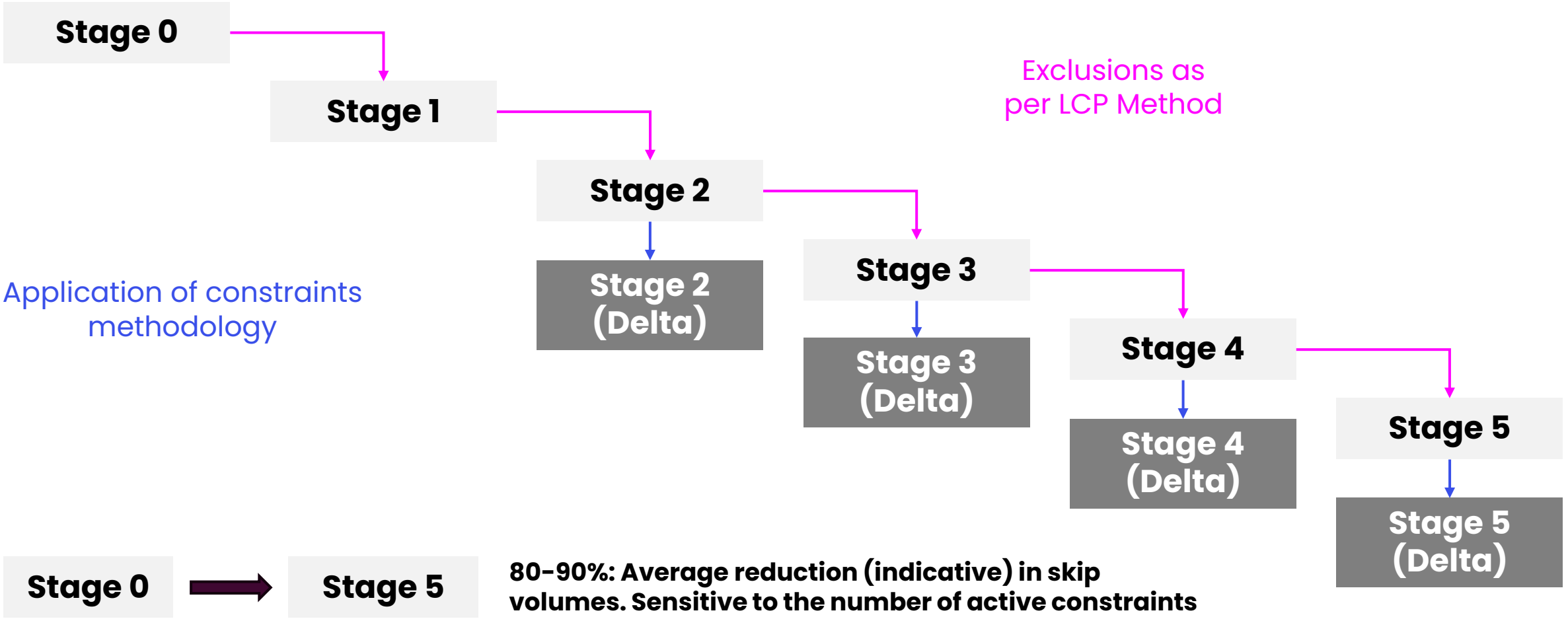
# Detailing the stages




**Stage 0** → **Stage 5**

**80-90%: Average reduction (indicative) in skip volumes. Sensitive to the number of active constraints**

**Note: The Delta is not the same across all stages*



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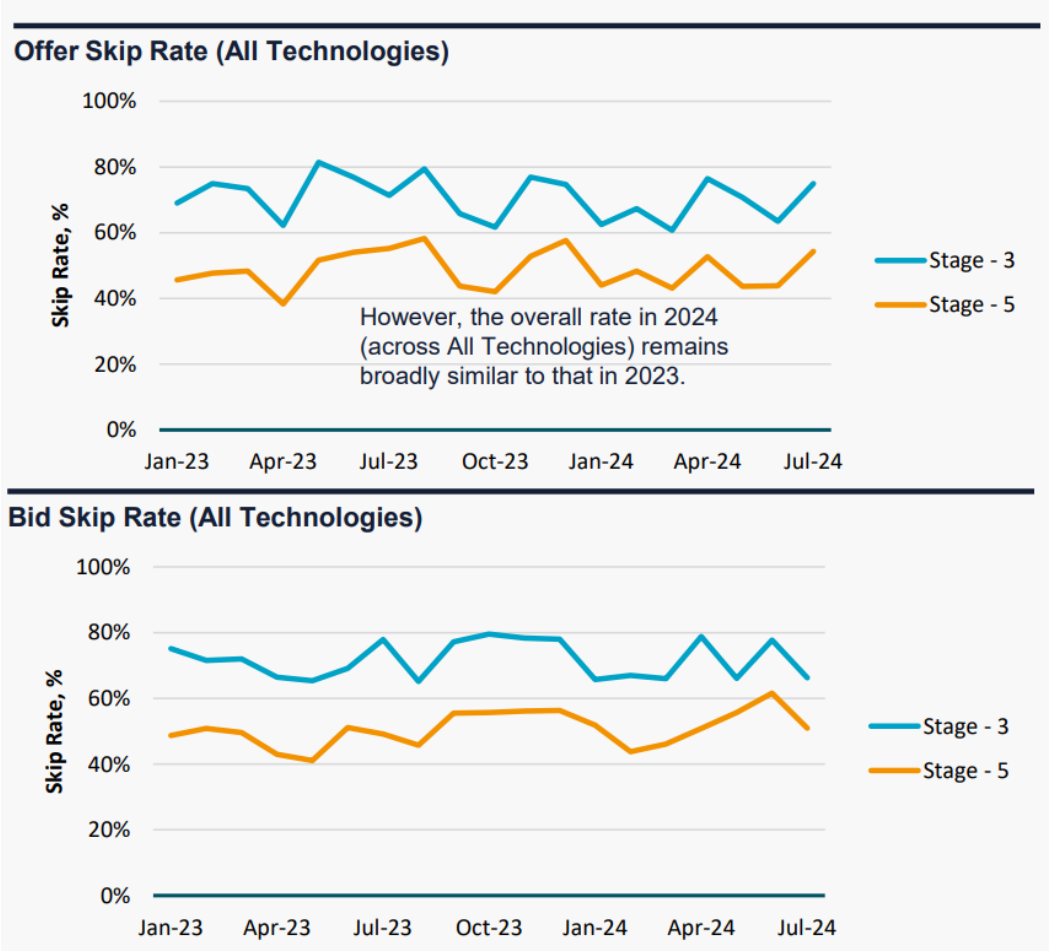
# LCP Delta Skip Rate Report

Slido code #OTF


[Skip rates | National Energy System Operator]

Planned webinar for LCP Delta Report

Slido code #OTF

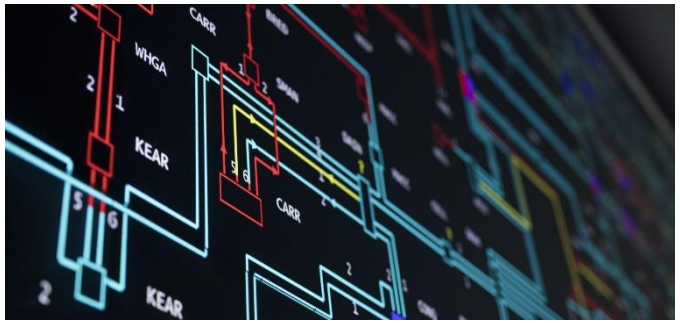
# Skip rates datasets

We are continuing to work on our new dataset to ensure it meets NESO's and our stakeholders' needs.

Based on the LCP Delta Methodology and applying constraints

Initially made up of three feeds of data

Published once a day at D+1





- We are sharing this **new dataset** on the **NESO Data Portal** and it will be usable via **API**.
- We will build a list of **FAQs** which will be shared to explain key information and answer critical questions. This document will be **regularly updated**, after data releases.
- We will continue to **update the methodology** over the coming months, to apply the **remaining exclusions** to the data and provide a **clear understanding** of the reasons **why actions are taken** in different orders.

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# What we want to publish

Slido code #OTF

## December 2024

- All BM Skip Rate (% & MWh)
- PSA Skip Rate (% & MWh)
- LCP Webinar - Methodology
- Implementation Guide
- LCP Report
- Datasets (Assets at Each Stage)
- Defining, measuring & addressing skip rates

## WILL PUBLISH LATER

- PSA Skip Rate without constraints
- Exclusions with reasons

## Future Engagement Opportunities

- LCP Webinar – analysis & findings
- Surgeries in the new year

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# Datasets

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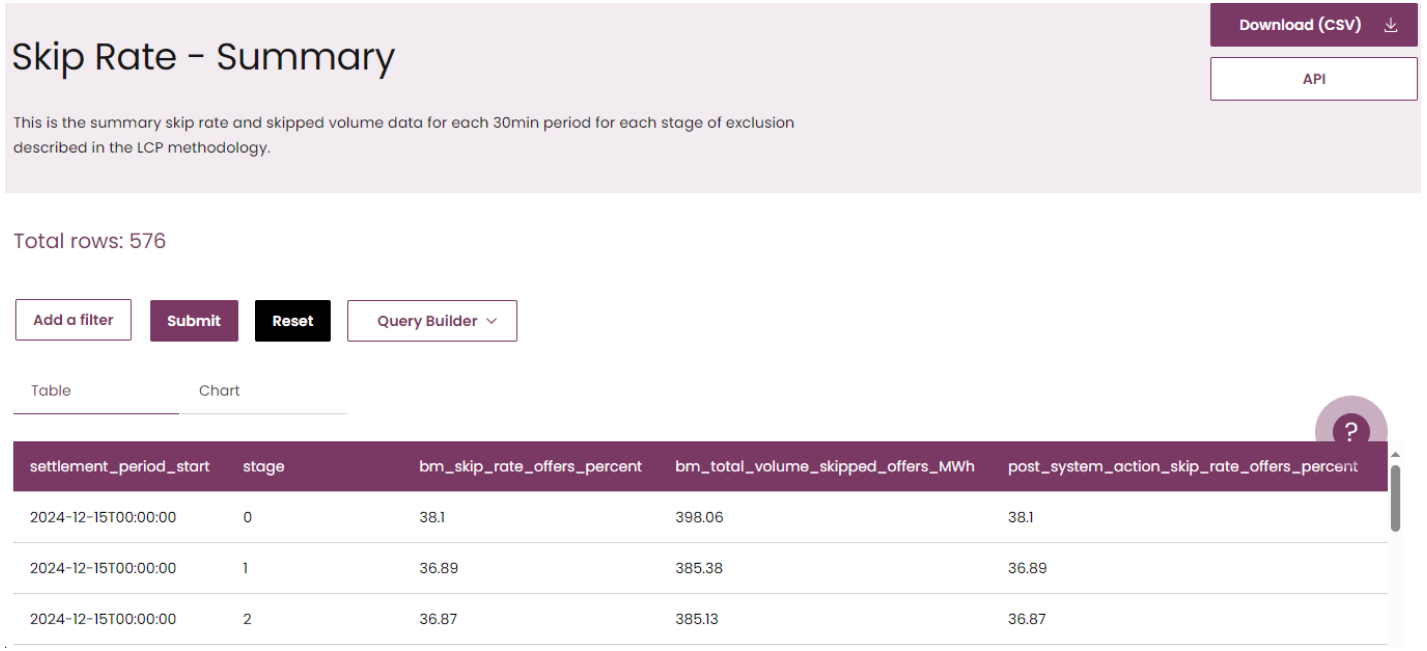
We have published one dataset related to Skip Rates with two more to come before Christmas and will endeavour to continue publishing daily over the Christmas period.

1) Skip Rate Summary (published on 17th Dec, data available from 15th December)
   - Skip rate by Settlement Period for each Stage 0-5
   - Separate skip rates for bids & offers
   - Skipped volume and percentage for All Balancing Mechanism & Post System Actions methods




| settlement_period_start | stage | bm_skip_rate_offers_percent | bm_total_volume_skipped_offers_MWh | post_system_action_skip_rate_offers_percent |
|---|---|---|---|---|
| 2024-12-15T00:00:00 | 0 | 38.1 | 398.06 | 38.1 |
| 2024-12-15T00:00:00 | 1 | 36.89 | 385.38 | 36.89 |
| 2024-12-15T00:00:00 | 2 | 36.87 | 385.13 | 36.87 |

Slido code #OTF

# Datasets

1) In Merit – All BM (w/e 20th Dec)
    - In merit units based on All BM method with stage, volume & price

2) In Merit – Post System Actions (PSA) (w/e 20th Dec)
    - In merit units based on PSA method with stage, volume & price

**How to interpret this data:**

A unit may be listed up to 6 times (once for each of stages 0-5). If a unit is included less than 6 times, it means the unit was excluded in one of the stages or the imbalance requirement has reduced. For example, if a unit is only listed up to stage 2, it means the unit was excluded by the logic described in stage 3.

If a unit is not listed in the 'In Merit' datasets then it was not in merit and was not skipped. This does not necessarily mean more expensive units weren't instructed but that a different unit was in merit.

Please let us know if you notice anything unusual – this is a new dataset so there may be edges cases that we need to tweak the logic for.

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# Skip rate data queries

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Queries should be directed to .box.NC.customer@nationalenergyso.com and **not individuals** you have **contacted previously** on this or control room colleagues.

If you think your data is misrepresented in this dataset, **please reach out via the above email** and we will **seek to support** on this.

We will be **unable to answer** questions on reasons **why specific units have been skipped.** Where we have **multiple similar style queries**, we will respond via the publicly available **FAQ**s.

**Operational queries** continue to be directed to **existing operational channels**, and will **not deal with skip rate questions.**

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# Demand | Last week demand out-turn

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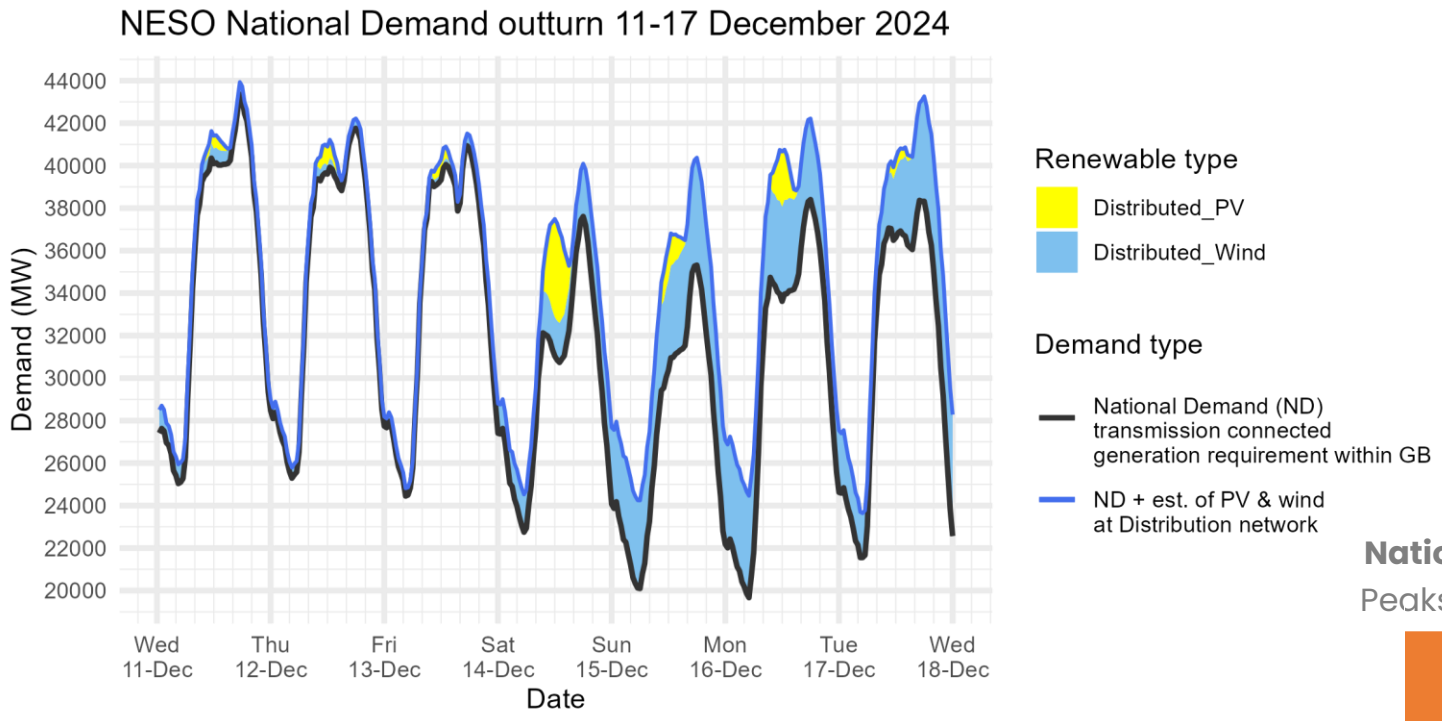


## Distributed generation

Peak values by day

| Date | OUTTURN Daily Max Dist. PV (GW) | OUTTURN Daily Max Dist. Wind (GW) |
|---|---|---|
| 11 Dec 2024 | 0.6 | 1.1 |
| 12 Dec 2024 | 0.9 | 0.6 |
| 13 Dec 2024 | 0.7 | 1.4 |
| 14 Dec 2024 | 4.6 | 3.6 |
| 15 Dec 2024 | 1.6 | 5.1 |
| 16 Dec 2024 | 2.6 | 4.9 |
| 17 Dec 2024 | 0.6 | 5.7 |

## National Demand

Peaks and troughs

| Date | Forecasting Point | FORECAST (Wed 11 Dec) National Demand (GW) | FORECAST (Wed 11 Dec) Dist. wind (GW) | OUTTURN National Demand (GW) | OUTTURN Triad Avoidance est. (GW) | OUTTURN N. Demand adjusted for TA (GW) | OUTTURN Dist. wind (GW) |
|---|---|---|---|---|---|---|---|
| 11 Dec 2024 | Evening Peak | 43.1 | 0.6 | 43.4 | 0.0 | 43.4 | 0.6 |
| 12 Dec 2024 | Overnight Min | 25.4 | 0.5 | 25.3 | n/a | n/a | 0.5 |
| 12 Dec 2024 | Evening Peak | 43.6 | 0.5 | 41.8 | 0.6 | 42.4 | 0.5 |
| 13 Dec 2024 | Overnight Min | 25.6 | 0.4 | 24.4 | n/a | n/a | 0.4 |
| 13 Dec 2024 | Evening Peak | 42.7 | 0.5 | 40.9 | 0.0 | 40.9 | 0.6 |
| 14 Dec 2024 | Overnight Min | 23.9 | 1.5 | 22.7 | n/a | n/a | 1.8 |
| 14 Dec 2024 | Evening Peak | 38.9 | 1.8 | 37.6 | 0.0 | 37.6 | 2.5 |
| 15 Dec 2024 | Overnight Min | 21.2 | 3.1 | 20.1 | n/a | n/a | 4.1 |
| 15 Dec 2024 | Evening Peak | 37.2 | 3.8 | 35.3 | 0.0 | 35.3 | 5.1 |
| 16 Dec 2024 | Overnight Min | 20.4 | 3.8 | 19.7 | n/a | n/a | 4.8 |
| 16 Dec 2024 | Evening Peak | 39.8 | 3.4 | 38.4 | 0.0 | 38.4 | 3.8 |
| 17 Dec 2024 | Overnight Min | 22.1 | 2.8 | 21.6 | n/a | n/a | 2.1 |
| 17 Dec 2024 | Evening Peak | 41.0 | 2.1 | 38.4 | 0.0 | 38.4 | 4.6 |

**The black line (National Demand ND) is the measure of portion of total GB customer demand that is supplied by the transmission network.**

**ND values do not include export on interconnectors or pumping or station load**

**Blue line serves as a proxy for total GB customer demand. It includes demand supplied by the distributed wind and solar sources, but it does not include demand supplied by non-weather driven sources at the distributed network for which NESO has no real time data.**

**Historic out-turn data can be found on the NESO Data Portal in the following data sets: Historic Demand Data & Demand Data Update**

# Demand | Week Ahead

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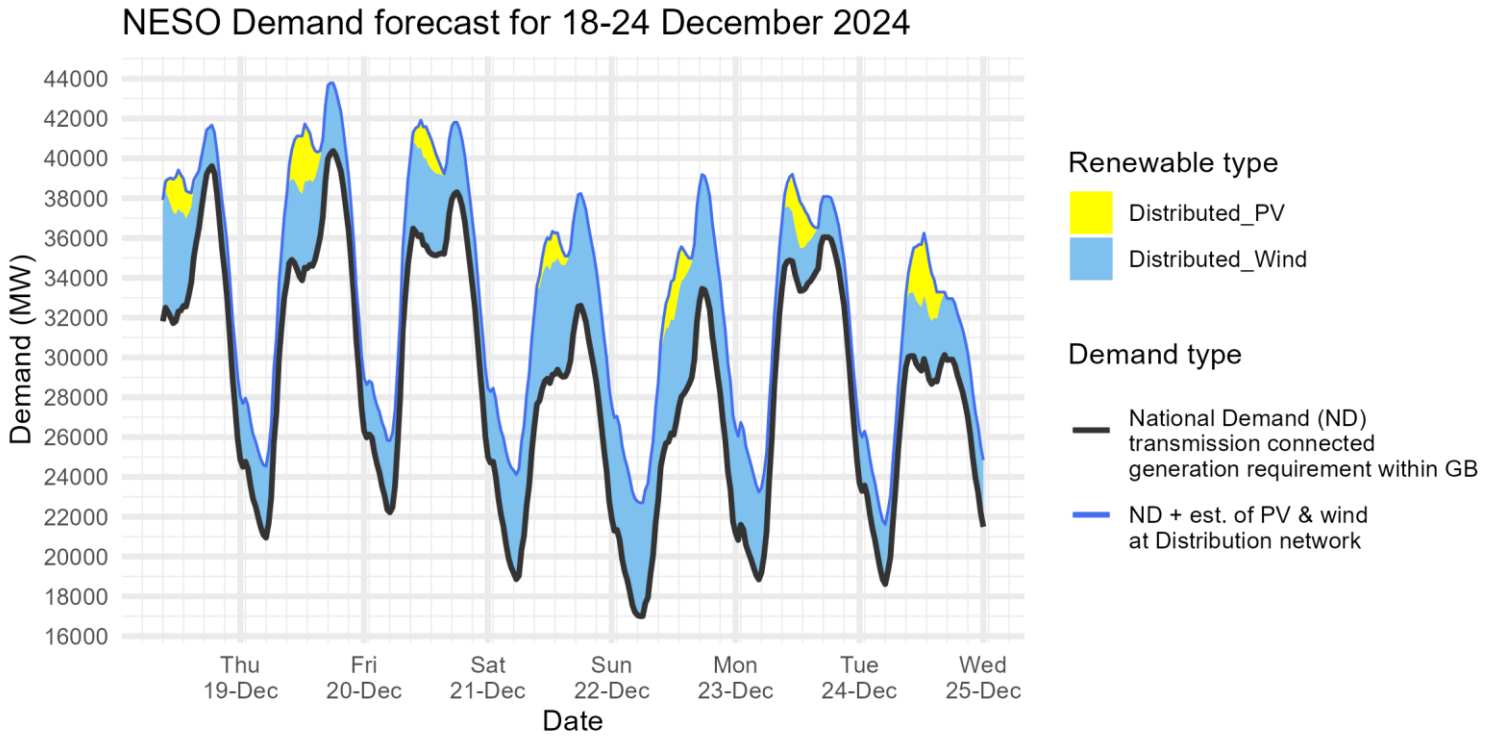



**National Demand**

Peaks and troughs

| | | FORECAST (Wed 18 Dec) | |
|---|---|---|---|
| Date | Forecasting Point | National Demand (GW) | Dist. wind (GW) |
| 18 Dec 2024 | Evening Peak | 39.6 | 2.1 |
| 19 Dec 2024 | Overnight Min | 20.9 | 3.6 |
| 19 Dec 2024 | Evening Peak | 40.4 | 3.4 |
| 20 Dec 2024 | Overnight Min | 22.2 | 3.6 |
| 20 Dec 2024 | Evening Peak | 38.3 | 3.5 |
| 21 Dec 2024 | Overnight Min | 18.9 | 5.3 |
| 21 Dec 2024 | Evening Peak | 32.6 | 5.6 |
| 22 Dec 2024 | Overnight Min | 17.0 | 5.7 |
| 22 Dec 2024 | Evening Peak | 33.5 | 5.7 |
| 23 Dec 2024 | Overnight Min | 18.8 | 4.4 |
| 23 Dec 2024 | Evening Peak | 36.0 | 2.0 |
| 24 Dec 2024 | Overnight Min | 18.6 | 3.0 |
| 24 Dec 2024 | Evening Peak | 29.9 | 3.1 |

**The black line (National Demand ND) is the measure of portion of total GB customer demand that is supplied by the transmission network.**

**ND values do not include export on interconnectors or pumping or station load**

**Blue line serves as a proxy for total GB customer demand. It includes demand supplied by the distributed wind and solar sources, but it does not include demand supplied by non-weather driven sources at the distributed network for which NESO has no real time data.**

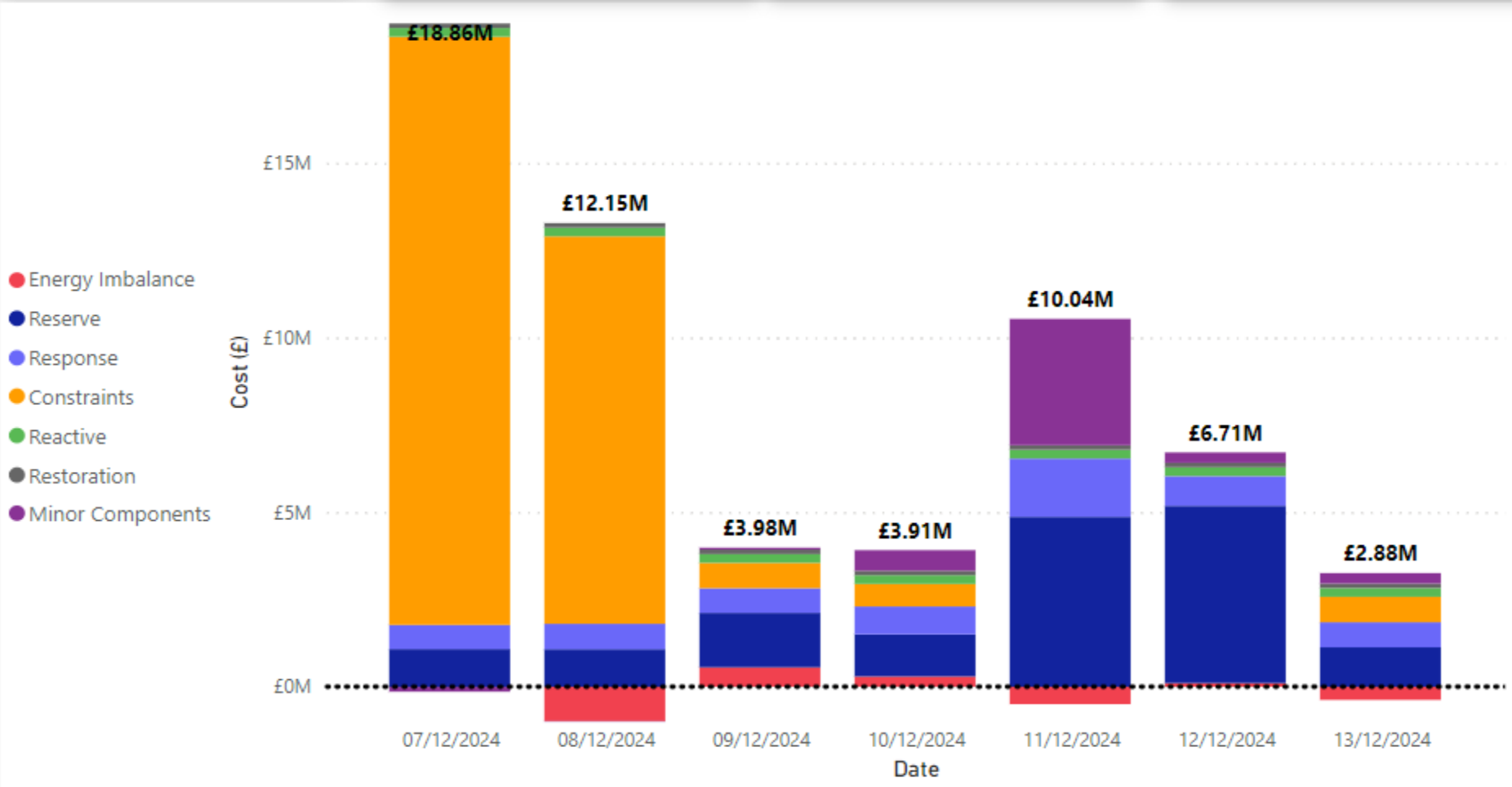
**Historic out-turn data can be found on the NESO Data Portal in the following data sets: Historic Demand Data & Demand Data Update**

# NESO Actions | Category Cost Breakdown



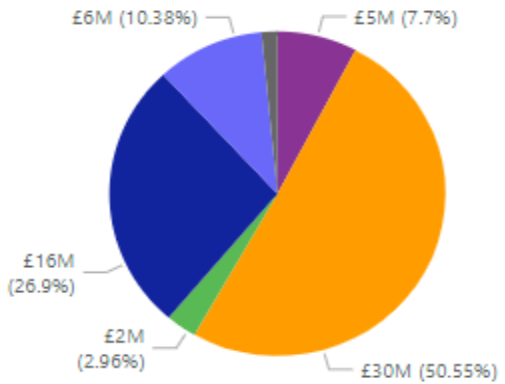
**Date**
07/12/2024 13/12/2024

| Weekly Total Costs (£) | Last Week Total Costs (£) | Past 30-Day Average Costs (£) |
|---|---|---|
| £58.5M | £71.4M | £9.6M |




| Date | Total Outturn Cost |
|---|---|
| 07/12/2024 | £18,855,198 |
| 08/12/2024 | £12,154,319 |
| 09/12/2024 | £3,983,020 |
| 10/12/2024 | £3,912,139 |
| 11/12/2024 | £10,038,028 |
| 12/12/2024 | £6,711,152 |
| 13/12/2024 | £2,877,769 |
| Total | £58,531,625 |

**Weekly Cost (£) and Share (%)**

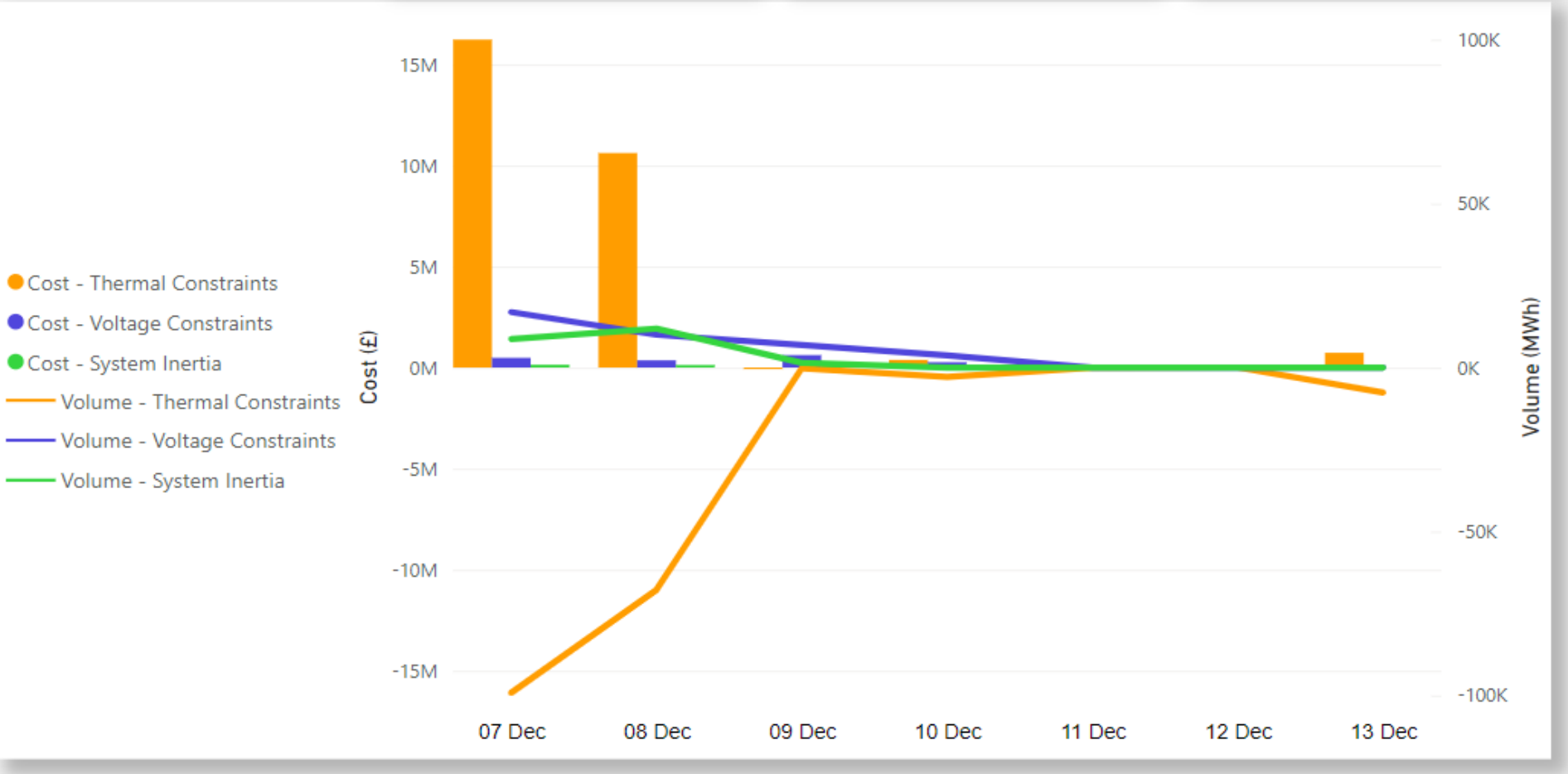


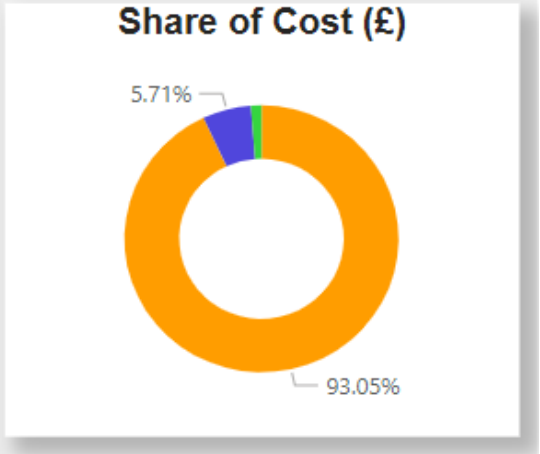
# NESO Actions | Constraint Cost Breakdown



**Date**
07/12/2024 13/12/2024

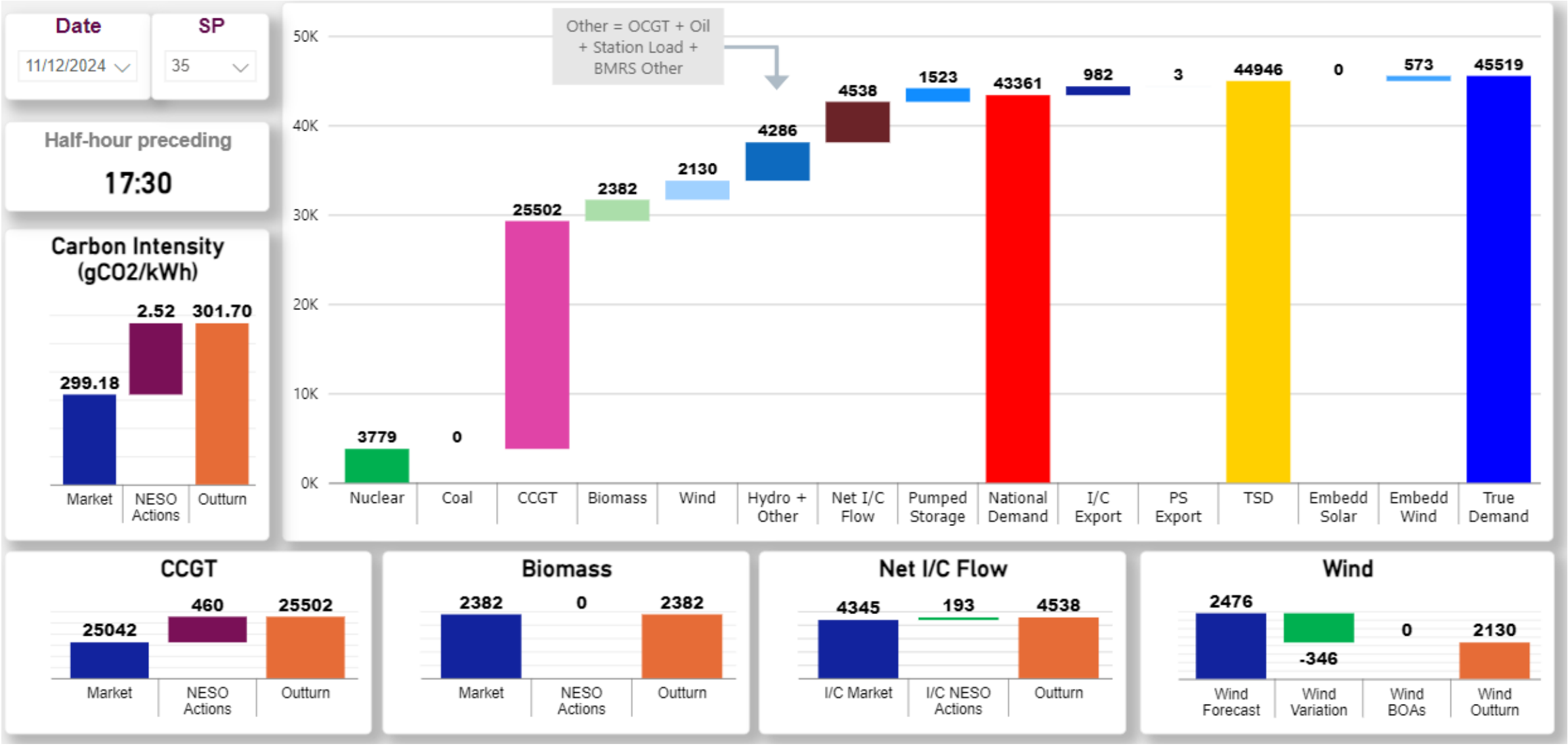
| Thermal Constraints | | Voltage Constraints | | System Inertia | |
|---|---|---|---|---|---|
| Costs (£) | Vol (MWh) | Costs (£) | Vol (MWh) | Costs (£) | Vol (MWh) |
| 27.95M | 177.73K | 1.72M | 37.45K | 371.82K | 21.97K |



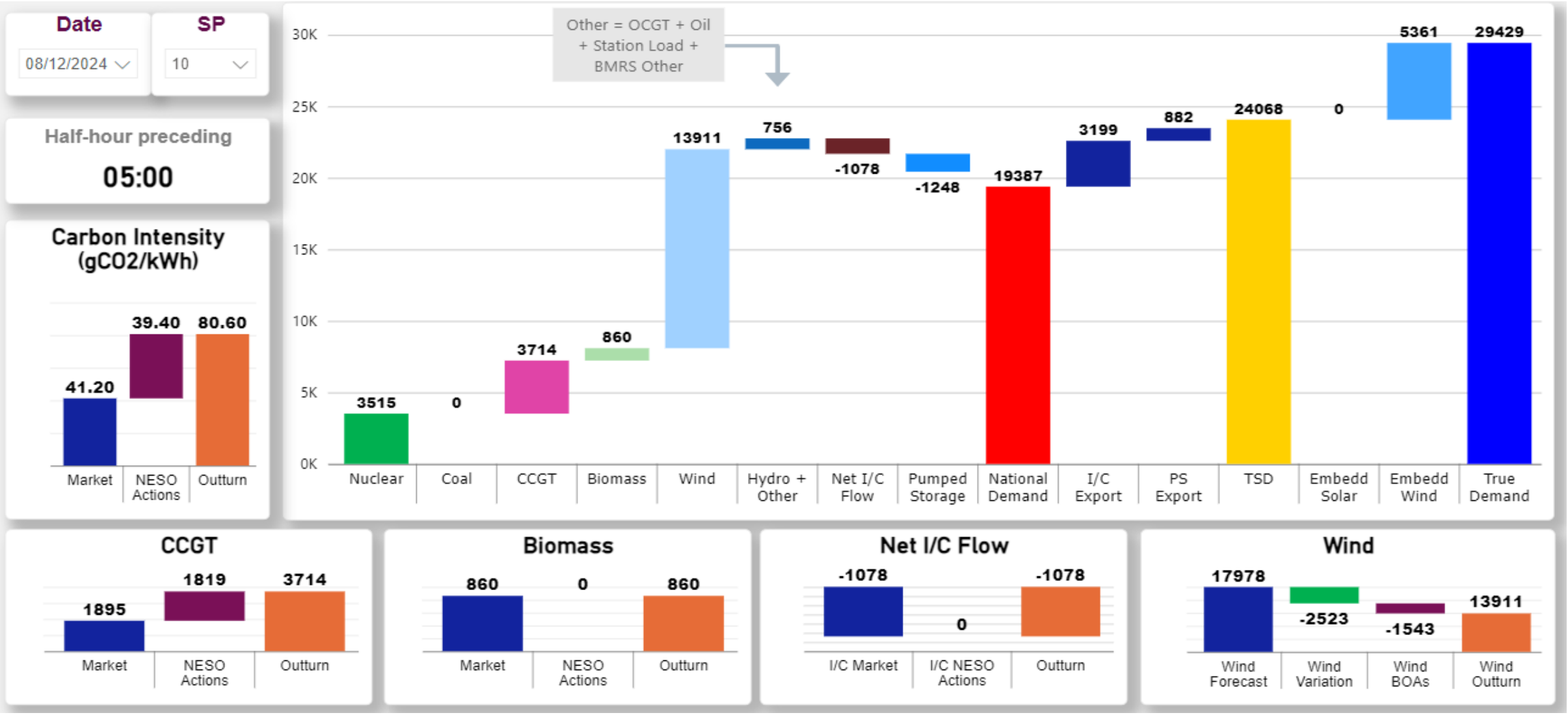
# NESO Actions | Peak Demand – SP spend ~ £212k
# Wednesday 11th December

Slido code #OTF



# NESO Actions | Minimum Demand – SP spend ~ £315k
# Sunday 8th December

Slido code #OTF



# NESO Actions | – Highest SP spend ~ £856k
# Wednesday 11th December

Slido code #OTF

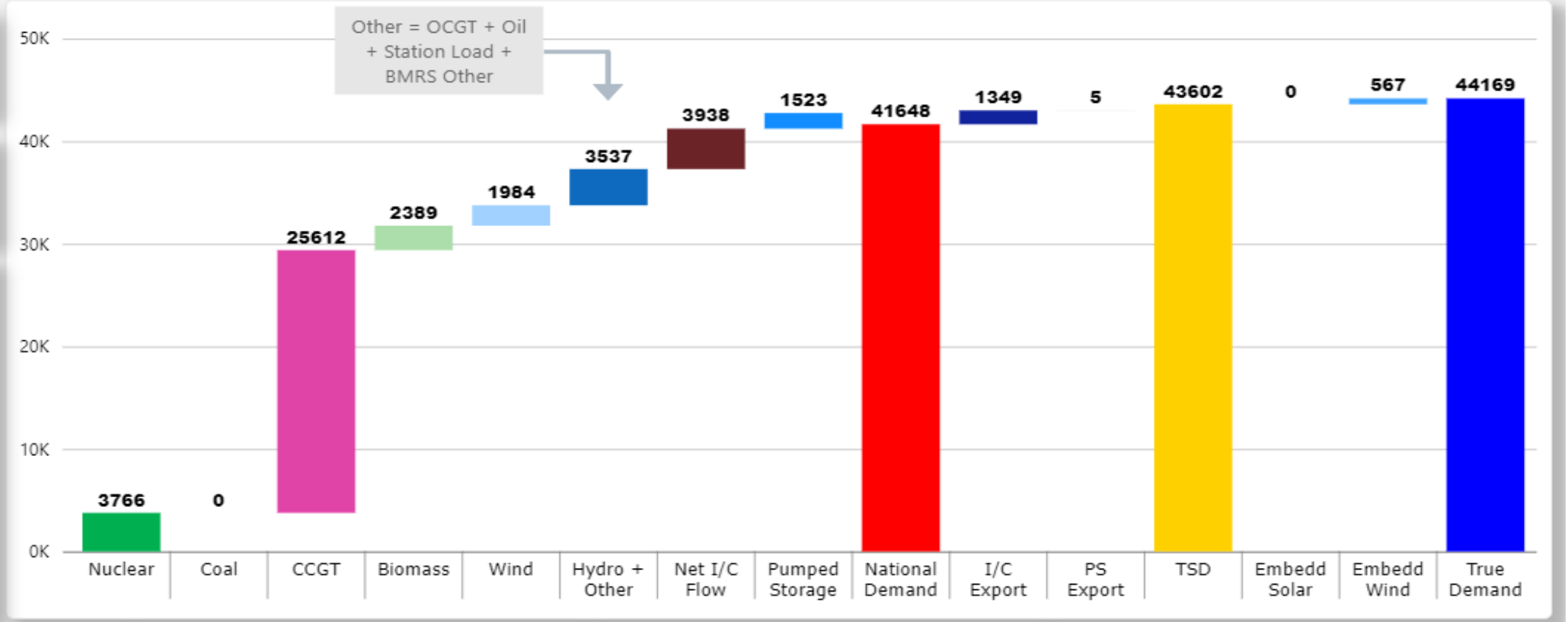
**Date** 11/12/2024

**SP** 33

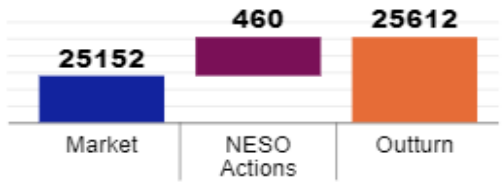
**Half-hour preceding**

**16:30**

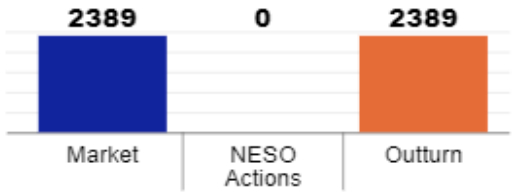
## Carbon Intensity (gCO2/kWh)

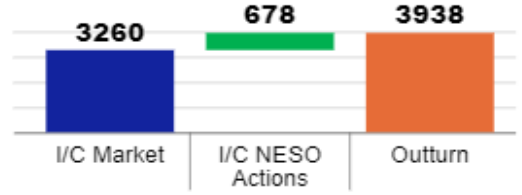

## CCGT



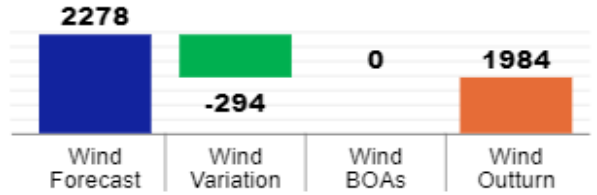

## Biomass




## Net I/C Flow

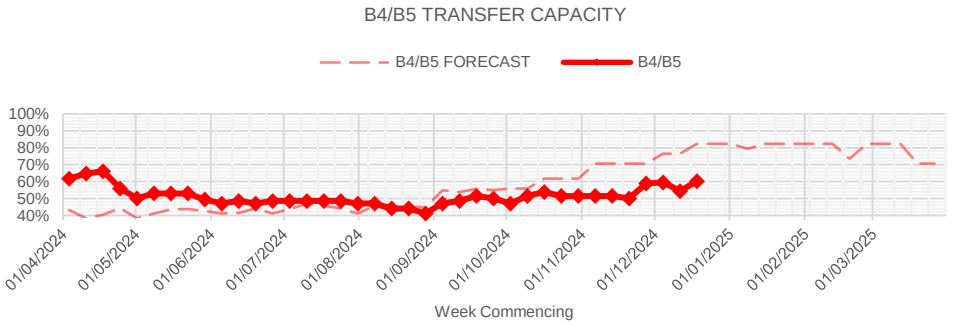


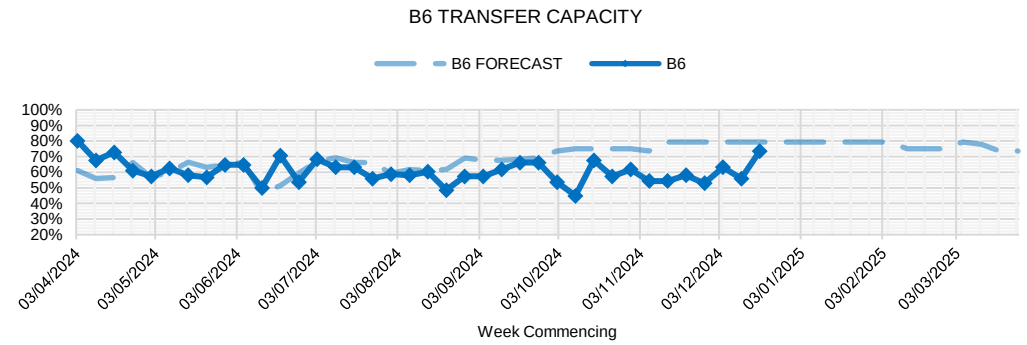

## Wind

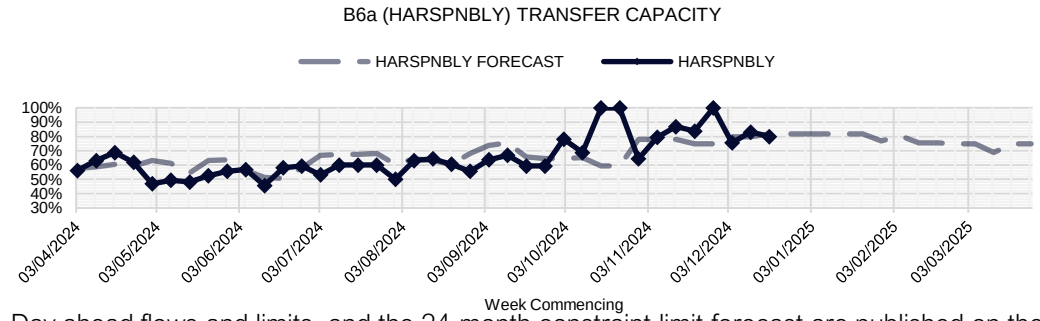


# Transparency | Network Congestion

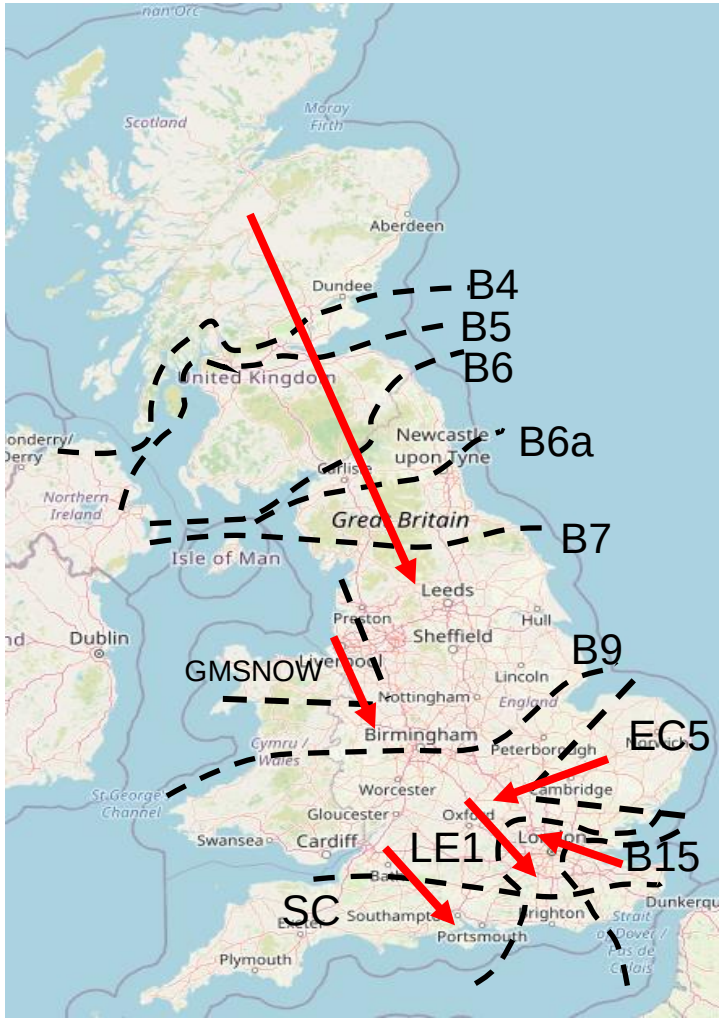
Slido code #OTF




| Boundary | Max. Capacity (MW) | Current Capacity (%) |
|---|---|---|
| B4/B5 | 3400 | 60% |
| B6 (SCOTEX) | 6800 | 74% |
| HARSPNBLY | 8000 | 80% |
| B7 (SSHARN) | 8325 | 93% |
| GMSNOW | 4700 | 47% |
| EC5 | 5000 | 100% |
| LE1 (SEIMP) | 8500 | 82% |
| B15 (ESTEX) | 7500 | 87% |
| SC1 | 7300 | 100% |




Day ahead flows and limits, and the 24-month constraint limit forecast are published on the ESO Data Portal: Constraints Management

(The forecast and day ahead limits may vary due to changes in the outage plan. The plan is reviewed periodically throughout the year to ensure we are optimising system conditions, whilst managing any necessary outage plan changes)



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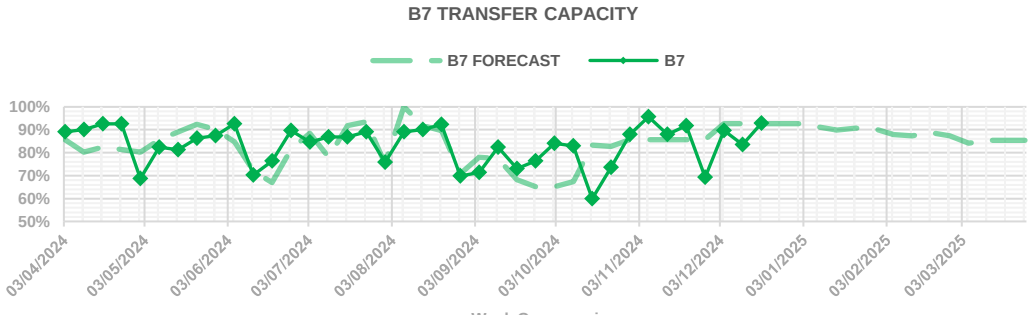
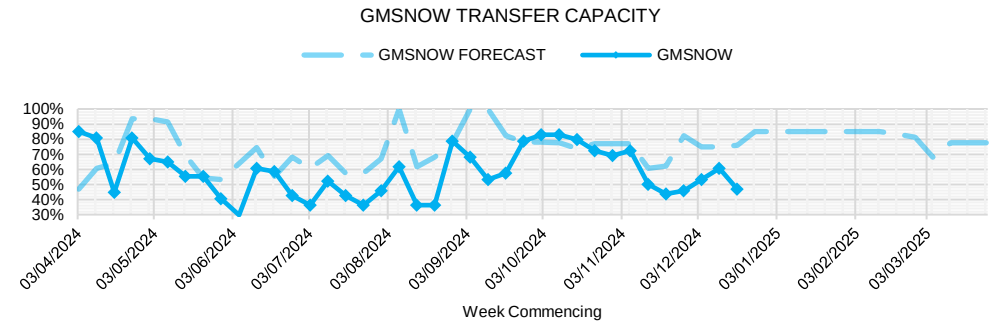
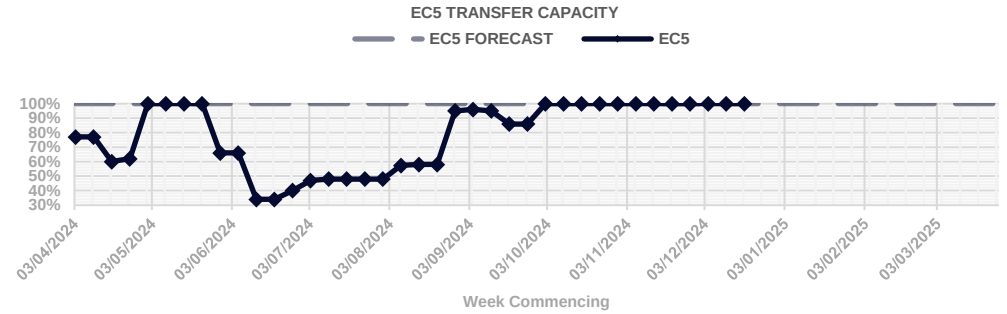
# Transparency | Network Congestion

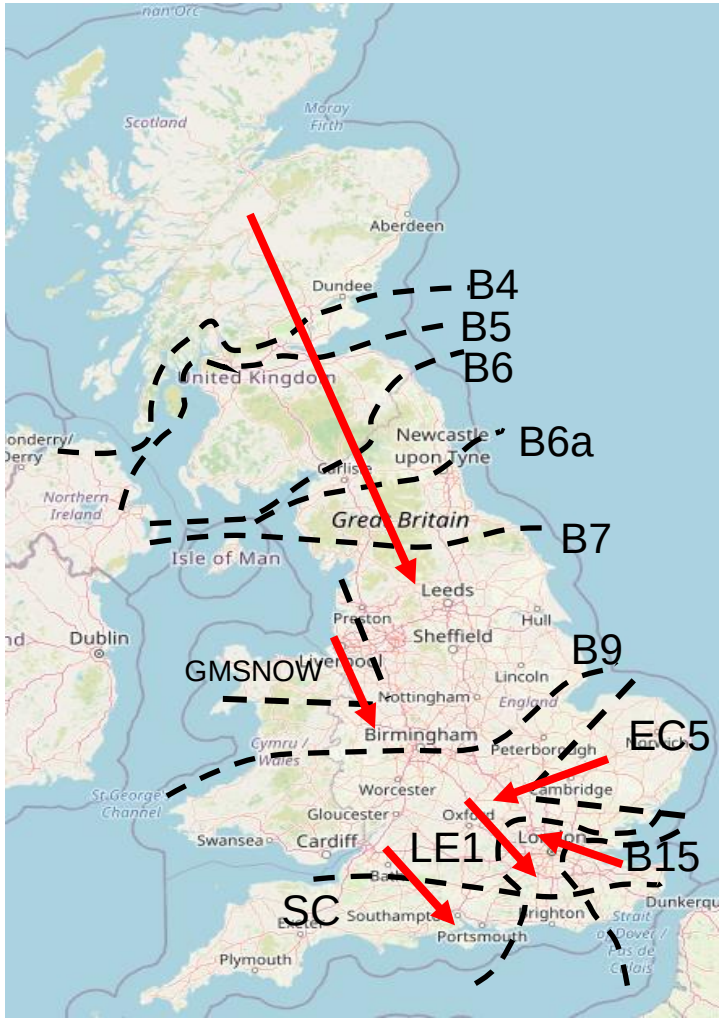
Slido code #OTF




| Boundary | Max. Capacity (MW) | Current Capacity (%) |
|---|---|---|
| B4/B5 | 3400 | 60% |
| B6 (SCOTEX) | 6800 | 74% |
| HARSPNBLY | 8000 | 80% |
| B7 (SSHARN) | 8325 | 93% |
| GMSNOW | 4700 | 47% |
| EC5 | 5000 | 100% |
| LE1 (SEIMP) | 8500 | 82% |
| B15 (ESTEX) | 7500 | 87% |
| SC1 | 7300 | 100% |




Day ahead flows and limits, and the 24-month constraint limit forecast are published on the ESO Data Portal: Constraints Management

(The forecast and day ahead limits may vary due to changes in the outage plan. The plan is reviewed periodically throughout the year to ensure we are optimising system conditions, whilst managing any necessary outage plan changes)



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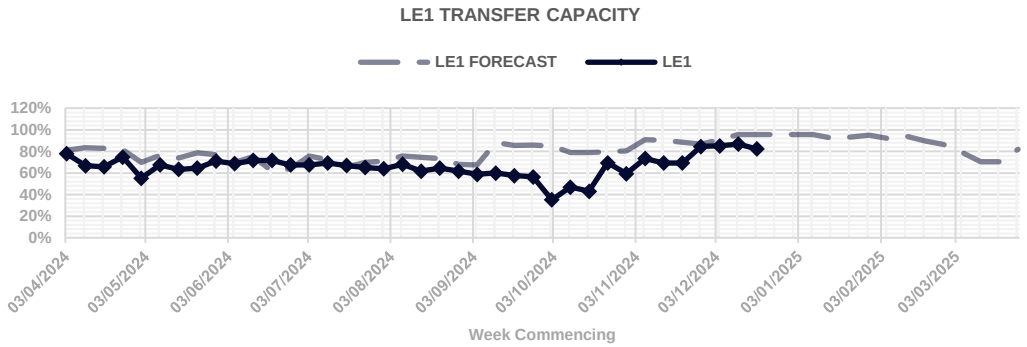
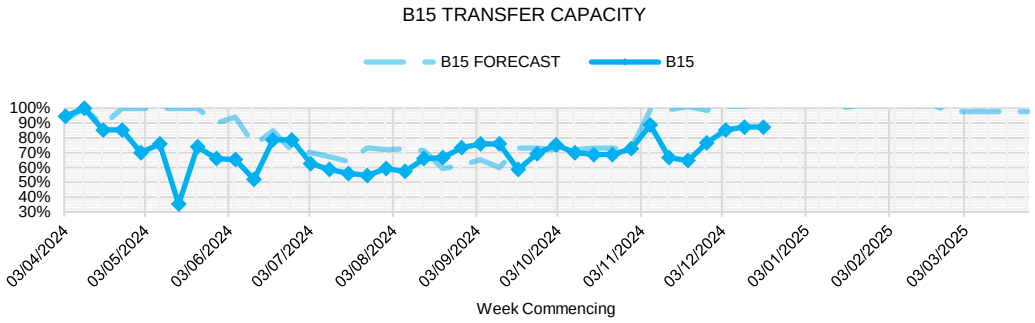
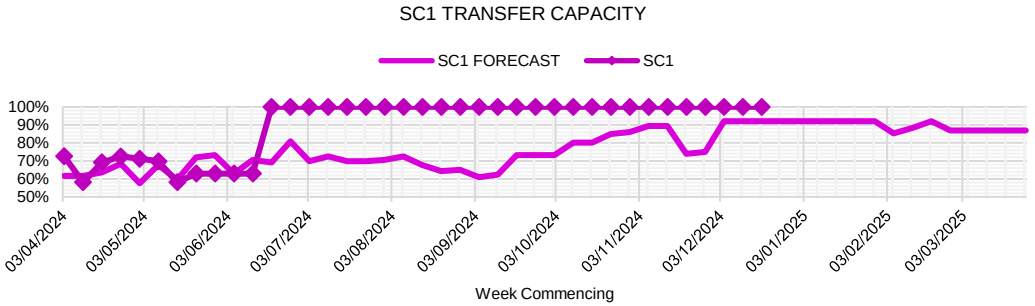
# Transparency | Network Congestion

Slido code #OTF

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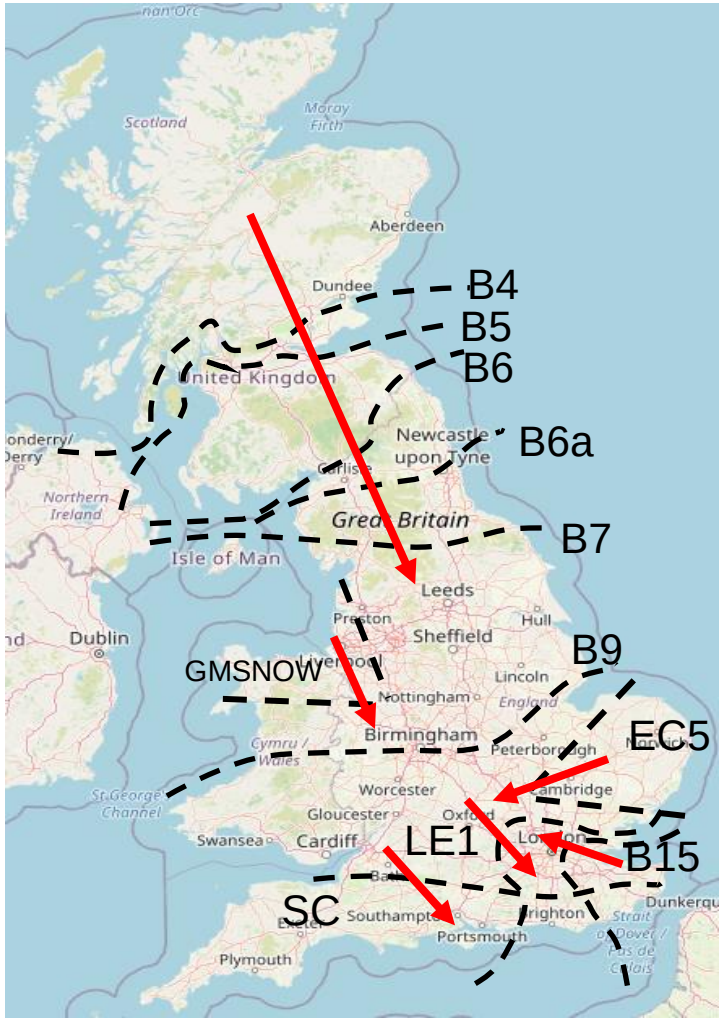


Day ahead flows and limits, and the 24-month constraint limit forecast are published on the ESO Data Portal: [Constraints Management]

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# Previously Asked Questions

Slido code #OTF

**Q:** My previous question was also about B6 -any timeframe for when it will be back at capacity. And also whether any constraint cost impact has been done.

**A:** For the next few weeks there are no major planned outages across the B6 boundary, but the Transmission Owner (TO) requires outages starting in week 3 of 2025. There are outages across all three major boundaries in Scotland (B2, B4 & B6) for significant parts of 2025 for maintenance, connections or system upgrades and reinforcements. NESO plans over 8,000 TO requested outages and spends considerable time and effort optimising the system to minimise constraint costs. NESO reports this via RRE 1H - Constraints Cost Savings from Collaboration with TOs (RIIO2 BP2 Incentive reporting). The distribution of costs across boundaries is complex and the outage pattern will dictate which boundary is most depleted and driving constraint costs.

NESO produces a rolling 24-month constraint cost forecast which is published on the NESO data portal:

https://www.neso.energy/data-portal/24-months-ahead-constraint-cost-forecast

# Previously Asked Questions



**Q:** If you have an interconnector BSAD deep dive "sometime in the new year", that means you're committing to not doing anything about huge, market moving trades for 1.5 months after issues are raised. Is this reasonable risk to market function?

**A:** All of the questions raised through the OTF, including those received via email and as advanced questions this week are being addressed promptly by the NESO Settlements Team. They have committed to provide an update on these specific questions at the next OTF, on 8 January.

For future questions about BSAD and other Settlement related issues please email the Settlements Team directly at: settlement.queries@nationalenergyso.com

**BSAD – Balancing Services Adjustment Data provided by NESO to Elexon to support their settlement processes.**

# Previously Asked Questions



**Q:** In the demand slides is it possible to also show the cost breakdown to see what the most expensive actions taken? An overall cost is given but would be good to see the impact of the actions

**A:** Thank you for this feedback. We appreciate the information shared at the OTF is high level and does not provide the level of detail you would prefer; however, feedback shows this meets the needs of most OTF participants.

The balancing cost slides can only provide an early indicative view of balancing costs before settlement. We currently report the costs for Saturday to Friday on Wednesday, which means the analysis must be completed on Tuesday. It is not possible to provide more detailed information in this timeframe.

We have invited the NESO Balancing Costs team to provide a more detailed review of monthly balancing costs at the OTF, the first of which will take place early in the New Year. This will provide a post-settlement analysis of the month.

Detailed information on the actions taken, costs incurred and the assets used can be found on the Elexon website including a range of API options (https://bmrs.elexon.co.uk/api-documentation) to export data for analysis.

# Previously Asked Questions

Slido code #OTF

**Q:** How come bids as cheap as £25/MWh were rejected in the Local Constraint Market (LCM) during storm Bert?

**A:** On the 24th of November, a DA auction was set up for the 25th of November for the entire B6 area. All bids in these auctions were accepted by NESO but were not actioned by the provider. As such no flexibility was delivered.

On the 25th of November, an Intraday auction was set up for the same date for the entire B6 area. The bids totalled approximately 900kW (0.9MW) per settlement period. Due to the need to prioritise other critical operational tasks during the period the auction went to auto close.

# Previously Asked Questions

Slido code #OTF

**Q:** Do you have definitions or shape files for the regions (N,S,M…) in which ORPS is procured ?

**A:** We do not produce specific definitions or shape files for Obligatory Reactive Power Service (ORPS) regions. The letter codes represent the very general areas of GB below:

SC = Scotland

N = North

M = Midlands

S = South

# Advance Questions

Slido code #OTF

**Q (21/11/2024):** In the overnight period between the evening of 20th November and morning of 21st November, we noticed large frequency dips occur exactly on the half hour, every half hour. This was a sharp frequency drop every time occurring in every half hour. Please can NESO explain: 1) why this is happening, 2) why at this interval, and 3) why the frequency is only decreasing (i.e. not increasing)?

**A:** During this period the frequency remained within operational limits (49.8 and 50.2Hz) throughout the night.

Frequency moves on the half hour are generally due to suppliers teleswitching demand and/or embedded generation on the DNO networks selling / buying energy in half hour blocks. NESO currently has limited visibility and control of these embedded generation / demand switching events. Also, interconnector swings can occur on the hour and can be accompanied with trades on embedded generation.

Frequency moves due to half hour energy blocks can go up as well as down as energy blocks move with agile/day ahead energy prices. The changes in energy prices determine the direction of load changes and therefore frequency changes.

# Advance Questions



**Q (12/12/2024):** Could NESO please confirm that delivery of the new Quick Reserve (QR) service requires participants to submit 0 minute Notice to offer (NTO) / Notice to Bid (NTB) / Notice to Deviate from Zero (NDZ) values for all BMUs that wish to provide the service?

**A:** Thank you for the Question.

Yes, we can confirm that participating QR units should submit an NTO / NTB / NDZ of 0 (zero) minutes for them to be considered available for the QR service. This is in line with the requirements around Time to Full Delivery, which should be no more than one minute from instruction start time.

We understand, however, that there may be some lag in the response time of a unit to a received instruction, which could be a few seconds. This is to be expected and, as long as the unit can reach full output within 1 minute from the start of the instruction, this is perfectly acceptable.

NTO – Notice to Deliver Offers
NTB – Notice to Deliver Bids
NDZ – Notice to Deviate from Zero

# Advance Questions

Slido code #OTF

**Q (16/12/2024):** Allowing stacking/splitting Balancing Reserve and Quick Reserve would lead to huge cost reductions for everyone. What were the reasons for not allowing in phase 1? We understand that Response/Reserve stacking is more complex, but Balancing Reserve/Quick Reserve (BR/QR) are extremely similar in terms of requirements/dispatch.

**A:** There are two options for stacking/splitting for BR and QR:

1) In the same direction (e.g. PQR and PBR)

BMUs submit ramp rates that are used to construct BOA shapes. At each level of output for the incremental MW up or down from the units' Physical Notification (PN) only one ramp rate up and down prevails.

It is therefore not possible for us to distinguish between a "BR instruction" and a "QR instruction" because we cannot separate the available headroom into "BR" and "QR". All dispatches must be made from the PN and therefore it isn't currently feasible to offer some headroom/footroom in 1-minute timescales (QR) and some headroom/footroom in 10-minute timescales (BR).

Ultimately, if we allowed stacking/splitting between BR and QR what we would receive in actuality is just QR capacity as all of the parameters would need to default to the QR settings as these are more stretching than BR.

As a result, we did not think it was valuable to enable splitting for these two services.

2) In the opposite direction e.g. (NQR and PBR)

We are still developing our systems and performance monitoring processes to consider enabling this type of stacking/splitting.

We are currently reviewing stacking/splitting rules across our response and reserve services. Please get in touch with box.futureofbalancingservices@nationalenergyso.com if you have any further feedback.

# Advance Questions

Slido code #OTF

**Q (11/12/2024):** Apologies if I missed an update on this, but the OTF slides in winter used to cover NESO's view of operational margins for the upcoming week, with indicative surplus capacities. Is there a plan to publish this again for winter 2024/25?

**Q (16/12/2024):** Would it be possible to provide a lookup table that links the grid codes (SCOTEX, ESTEX, SEIMP etc etc) used in the constraint limit and other data sets to the constraint boundaries B6, B4 etc that are commonly used and to the constraint zones A-L that are commonly used.

**Q (16/12/2024):** Could someone from the NESO or relevant TOs come to a future forum to explain what specific projects are impacting the B6 and B4/5 boundaries and their completion dates etc? Given the level, and duration, of constraint it would be good to understand the build out programme. Thanks

**Q (16/12/2024):** One of the main purposes of QR was to alleviate response from sites in DC/DM/DR. Now that QR is live, is there a chance we can review the "delivery duration" parameter for DC/DM/DR? This parameter has a strong impact on the SOC requirements for energy-limited sites, and relaxing it would provide immediate savings to everyone

# Advance Questions

Slido code #OTF

**The following questions will be referred to the NESO Settlements Team with support from our Interconnector experts:**

**Q (02/12/2024):** On Sunday 1st December from periods 29 through 47 we saw 350MWh of upregulation priced at £0 on the North Sea Link in DISBSAD. Was this a CTPT trade similar to those that appeared across Moyle earlier in the year, and therefore won't end up affecting the imbalance price? If so, can you implement a holistic data cleaning fix for all possible CTPT trades, rather than firefighting those that do appear, as appears to have happened with Ireland?

**Q (04/12/2024):** Please can you confirm that the SO-SO trades on the Moyle Interconnector during 28th/29th November were actually SO-SO trades and should therefore definitely be included in the NIV calculation? They were unusual in the sense that DISBSAD trades are usually included in FPN's whereas we saw a deviation from FPN's on Moyle by the same volume of the supposed SO-SO trades. NESO also didn't report them in advance (although Elexon did have them) in your normal data set.



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# Outstanding Questions

Slido code #OTF

**The following questions will be referred to the NESO Settlements Team with support from our Interconnector experts:**

**Q:** Yesterday evening there were some trades done on the East-West IC that increased flow from IE>GB at a price of £0/MWh. Can you confirm that these volumes should go into the NIV calculation? I think the data for these trades was released up to 6 hours late too. Thanks

**Q:** The SO-SO trades on Moyle on 28th/29th November were quite unusual. Do you expect to do more of these and was there any particularly special reason for them? The volumes were not included in FPNs like we might see with advance BSAD trades (which is the unusual part) thanks

**Q:** Were the system-flagged £0/MWh NSL BSAD trades on Sunday 1st December real, and should they be included in NIV calculations?

# Reminder about answering questions at the NESO OTF

Slido code #OTF

- **Questions from unidentified parties will not be answered live**. If you have reasons to remain anonymous to the wider forum, please use the advance question or email options. Details in the appendix to the pack.
- **The OTF is not the place to challenge the actions of individual parties** (other than the NESO), and we will not comment on these challenges. This type of concern can be reported to the Market Monitoring team at: marketreporting@nationalenergyso.com
- **Questions will be answered in the upvoted order whenever possible**. We will take questions from further down the list when: the answer is not ready; we need to take the question away or the topic is outside of the scope of the OTF.
- **Slido will remain open until 12:00**, even when the call closes earlier, to provide the maximum opportunity for you to ask questions.
- **All questions will be recorded and published** All questions asked through Sli.do will be recorded and published, with answers, in the Operational Transparency Forum Q&A on the webpage: https://www.neso.energy/what-we-do/systems-operations/operational-transparency-forum
- **Takeaway questions** – these questions will be included in the pack for the next OTF, we may ask you to contact us by email in order to clarify or confirm details for the question.
- **Out of scope questions** will be forwarded to the appropriate NESO expert or team for a direct response. We may ask you to contact us by email to ensure we have the correct contact details for the response. These questions will not be managed through the OTF, and we are unable to forward questions without correct contact details. Information about the OTF purpose and scope can be found in the appendix of this slide pack

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slido

# Audience Q&A

ⓘ Start presenting to display the audience questions on this slide.

Slido code #OTF

# Feedback

Please remember to use the feedback poll in Sli.do after the event.

We welcome feedback to understand what we are doing well and how we can improve the event for the future.

If you have any questions after the event, please contact the following email address: box.nc.customer@nationalenergyso.com



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# Appendix

# Participation in the Operational Transparency Forum



Thank you to everyone who participates in the OTF, whether you join weekly, monthly, on specific occasions or follow up with the webinar recordings and published slides. We hear from participant feedback and our NESO colleagues that all of us value the opportunity to share information, ask questions and share the answers.

One of the reasons this format works so well is the professional courtesy we see demonstrated every week.

However, in recent weeks there have been some Slido questions and comments in the Q&A session directed at specific market participants suggesting their actions are not appropriate. This is concerning because:

- The statements are being made in a public forum without the opportunity to reply
- The negative comments may impact these businesses directly, or indirectly e.g.: through social media, etc.
- The individuals asking questions could not be traced using the details provided in Slido
- **The OTF is not the place to challenge the actions of individual parties** (other than the NESO), and we will not comment on these challenges. This type of concern can be reported to the Market Monitoring team at: marketreporting@nationalenergyso.com

**Remember**, if you have reasons to remain anonymous to the wider forum or have concerns your question may not be one to ask in public, you can use the advance questions or email options.

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# Purpose and scope of the NESO Operational Transparency Forum

Slido code #OTF

Purpose

The Operational Transparency Forum runs once a week to provide updated information on and insight into the operational challenges faced by the control room in the recent past (1-2 weeks) and short-term future (1-2 weeks). The OTF will also signpost other NESO events, provide deep dives into focus topics, and allow industry to ask questions.

Scope

Aligns with purpose, see examples below:

**In Scope of OTF**

Material presented i.e.: regular content, deep dives, focus topics
NESO operational approach & challenges
NESO published data

**Out of Scope of OTF**

Data owned and/or published by other parties
e.g.: BMRS is published by Elexon
Processes including consultations operated by other parties e.g.: Elexon, Ofgem, DESNZ
Data owned by other parties
Details of NESO Control Room actions & decision making
Activities & operations of particular market participants
NESO policy & strategic decision making
Formal consultations e.g.: Code Changes, Business Planning, Market development

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# Managing questions at the NESO Operational Transparency Forum

Slido code #OTF

- OTF participants can ask questions in the following ways:
  - Live via Slido code #OTF
  - In advance (before 12:00 on Monday) at https://forms.office.com/r/k0AEfKnai3
  - At any time to box.nc.customer@nationalenergyso.com

- **All questions asked through Sli.do** will be recorded and published, with answers, in the Operational Transparency Forum Q&A on the webpage: Operational Transparency Forum | NESO
- **Advance questions** will be included, with answers, in the slide pack for the next OTF and published in the OTF Q&A as above.
- **Email questions** which specifically request inclusion in the OTF will be treated as Advance questions, otherwise we will only reply direct to the sender.
- **Takeaway questions** – we may ask you to contact us by email in order to clarify or confirm details for the question.
- **Out of scope questions** will be forwarded to the appropriate NESO expert or team for a direct response. We may ask you to contact us by email to ensure we have the correct contact details for the response. These questions will not be managed through the OTF, and we are unable to forward questions without correct contact details. Information about the OTF purpose and scope can be found in the appendix of this slide pack.



NESO National Energy System Operator

# NESO Information Request Statement



**The Energy Act 2023 and the power to request information.**

Section 172 of The Energy Act 2023 provides NESO, as the Independent System Operator and Planner, with the power to require information, from anyone carrying out a relevant activity, to allow it to carry out any of its functions. This power will come into effect once NESO is operational.

In advance of this we are consulting on what the Information Request Statement will contain and what an Information Request issued by NESO may look like.

**The Information Request Statement and Notice.**

The Statement will be available on our website and will contain sections on why a request has been issued, the process of responding to a request, what happens if a recipient does not provide the information and how we will manage any data provided. A draft template of an Information Request Notice is also shared on our website.

**The Consultation**

We are running a consultation from **May 3rd to May 31st** which can be found at https://www.neso.energy/about/operational-information/information-request-statement-consultation and would welcome feedback from across industry to make sure we develop a statement which is clear and accessible.

Following the consultation period Ofgem will determine if the draft Statement is approved or if any changes are necessary.