Public

NESO Operational Transparency Forum

01 April 2026

Welcome to the Operational Transparency Forum!

You are in listen-only mode with your camera turned off.

Live Captioning Available. To enable live captions in Microsoft Teams:

- Click on the 3 dots icon / 'More'
- Click 'Turn on live captions'

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Key Points

Slido code #OTF

- **Ask Questions and give feedback:** Use **Sli.do event code #OTF.**
- **Submit early:** Ask questions early to give our experts time to answer.
- **No Edits:** Don't edit questions after submission; submit a new question, if needed.
- **Identify Yourself:** Provide your name or organization. Anonymous questions won't be answered live**.** If you have reasons to remain anonymous to the wider forum, please use the advance question or email options below.
- **Report Concerns:** Report concerns to the Market Monitoring team at **marketreporting@neso.energy.**
- **Question Order:** Questions are answered in upvoted order. Some may be taken away or answered later.
- **Sli.do Open:** Sli.do remains open **until 12:00** for maximum question opportunities. After that please use the advance questions or email options below.
- **Q&A:** All questions are recorded & published. Unanswered questions will be included in the next slide pack.
- **Ask questions anytime** whether for inclusion in the forum or individual response through our Advance Questions form or at: box.nc.customer@neso.energy.
- **Stay Updated:** Visit our webpage at: https://www.neso.energy/what-we-do/systems-operations/operational-transparency-forum for updates and previous OTF material.

Note: To access previous OTF webinars from Slido, click on the three lines to the left of forum title.

Deep dive sessions

Slido code #OTF

Today

Future

15th April- Summer Outlook

22nd April – March Balancing Costs

Please note there will be no OTF next week (8th April) due to the Easter break

If you have questions/suggestions of areas to cover during above presentations or ideas for deep dives or focus topics you would like us to consider, please send them to us at: box.nc.customer@neso.energy

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Reformed National Pricing: Call for Input

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How can I respond?

- Links to both response forms are available on the NESO RNP page, with a PDF version of the questions available to download
- Supplementary evidence can be uploaded within your responses for the CFI, we prefer this to be in a PDF format where possible
- On our website you can also find a recording of our recent Technical Questions Webinar which was held on 17th March

All information can be found at
www.neso.energy/industry-information/reformed-national-pricing
Or by scanning this QR code

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Frequency Risk and Control Report (FRCR) 2025 supplementary report

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- Following submission of FRCR 2025 (May 2025), Ofgem undertook a public consultation and an independent review of FRCR 2025.
- Ofgem subsequently issued a decision letter directing NESO to provide additional information across specific areas of the analysis.
- This **supplementary report** responds directly to Ofgem's information request, providing additional evidence, clarification, and transparency, with clear signposting to where each request is addressed.
- The report should be read alongside the FRCR 2025 document suite and is intended to provide further assurance on the methodologies, assumptions, and conclusions underpinning the original submission.

The associated documents are now published on **FRCR webpage**, where you can find:

- **FRCR 2025 Supplementary Report (new)**
- FRCR 2025 Report
- FRCR 2025 Methodology
- FRCR 2025 Data Handbook

For more information please contact box.FRCR@neso.energy

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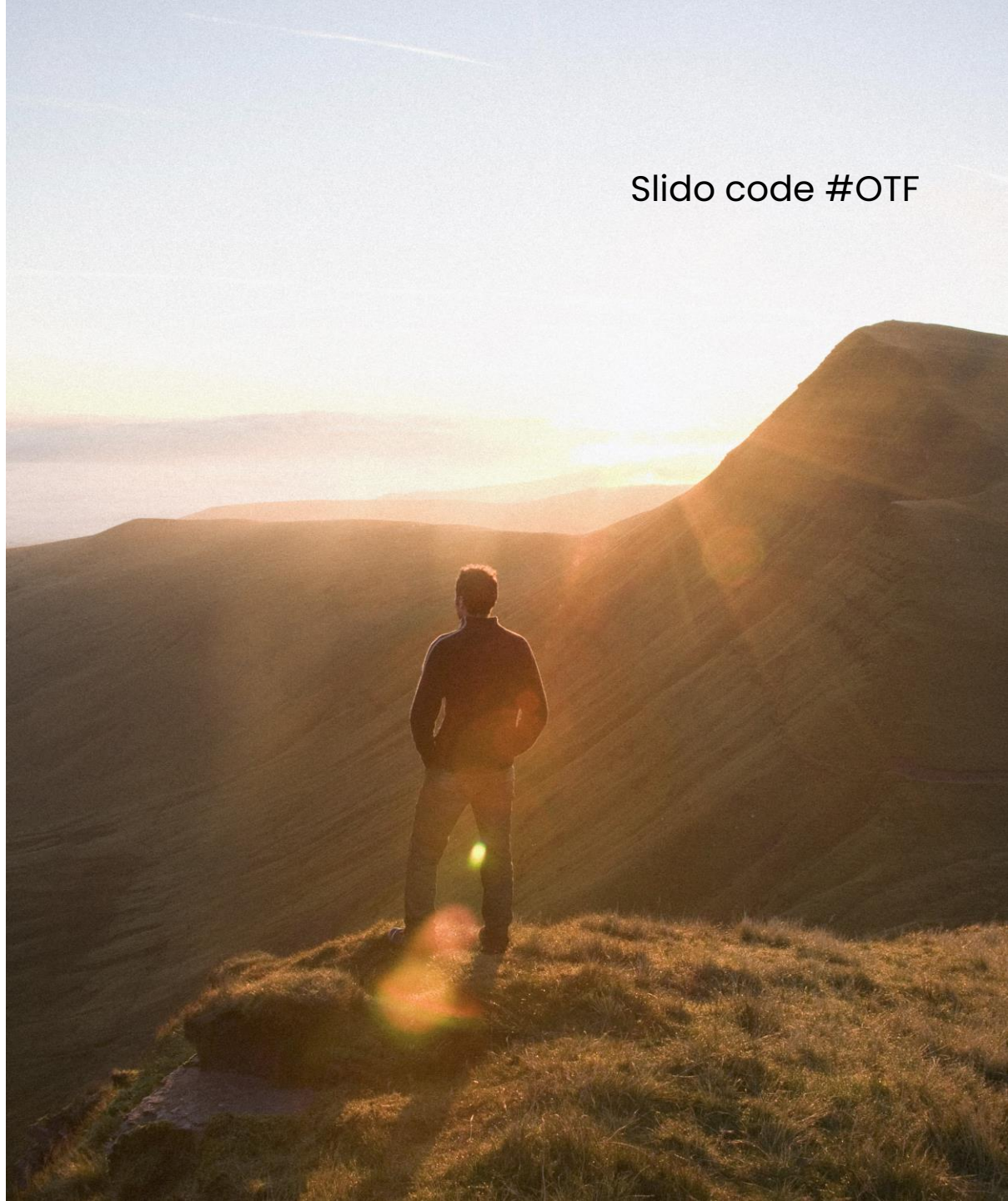
Slow Reserve update

- We are proud to announce the first co-optimised Response and Reserve auction which included the new Slow Reserve service ran successfully at **2:00pm** on **31 March 2026**.
- Results of this and all future auctions can be found on the Enduring Auction Capability (EAC) auction results page of the NESO Data portal, along with NESO Response-Reserve Buy Orders.
- Details of how to join the service can be found on the Slow Reserve webpage or by contacting our Commercial Operations team: commercial.operation@neso.energy

Short-term reactive power market

Webinar material

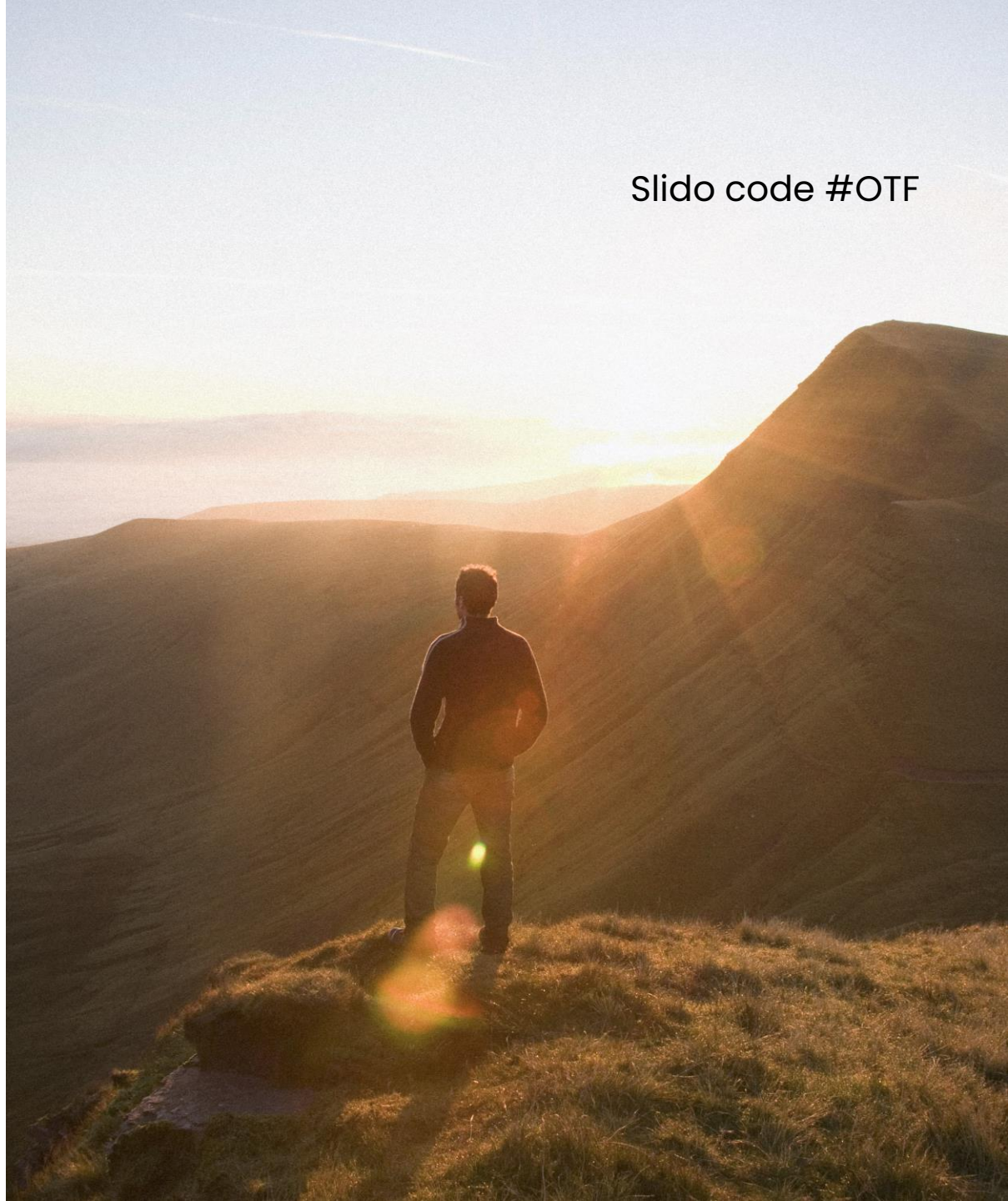
- Thank you for attending our industry webinar update on Tuesday 10 March.
- Within this, we communicated that we will not be implementing a short-term reactive power market under present market conditions.
- We will review our decision in 2027 at the earliest.
- You can find our slides, recording and Q&A document on the short-term reactive power website.



Short-term Stability Market

Recorded Webinar Update - March 2026

- NESO are pleased to confirm that we have uploaded a webinar recording, to share with industry the outcome of our work to assess the efficacy of implementing a Short-term Stability market.
- It includes an ask for your questions and feedback until 30th May, via a questionnaire, which you can also access here
- The webinar recording can be found here on the NESO Stability Short-term webpage.



Operability Strategy Report and Electricity Market Roadmap

Slido code #OTF

Publication – 30th March

NESO are pleased to announce that we have published our 2026 Operability Strategy Report (OSR) and Electricity Markets Roadmap.

The Operability Strategy Report sets out the operational requirements that NESO will address to support the delivery of Clean Power by 2030 and beyond.

The Electricity Markets Roadmap details NESO's forward-looking view of our markets, our market design principles and plans to reform and evolve our markets.

We'd love to hear your feedback!

Publications

Website links

Feedback

Feedback forms

Grid Forming Webinar

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Please join us at 13:00 on the 9th April for a Webinar on Grid Forming technologies which will cover:

- Drivers for Grid Forming
- Grid Forming Technology overview
- Grid Forming Grid Code requirements
- Grid Code and Commercial service compliance process
- Grid Forming Code developments

Register Here

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EAC Auction Results Annual Archiving Notice

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To improve data accessibility and usability, three EAC datasets (*Results Summary, Buy Orders and Results by Unit*) will be **archived annually by financial year**, and the remaining one dataset (*Sell Orders*) will continue to be **archived monthly** due to its data size.

- From **15 April 2026**, all EAC data before 1 April 2026 will be removed from the live datasets and moved to archives. Existing multi-year archives will be split into one archive per financial year.
- These changes will make data access faster, more reliable, and easier to use.
- For more information, please visit Enduring Auction Capability (EAC) Webpage (EAC Releases section).

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Response Reform April Webinar: Dynamic Response

Join us for the Response Reform webinar on **22 April 3pm – 4pm**.

This webinar will focus on providing an update on NESO's current thinking of moving towards 30-minute service windows rather than EFA blocks for Dynamic Response.

We will also share some other Dynamic Response updates including the status of the current and future consultations

Sign up here.

If you have any questions contact: box.futureofbalancingservices@neso.energy

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Future Event Summary

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Event	Date & Time	Link
Demand for Constraints (DfC) Market Request for Information (RFI) response deadline	1 Apr (17:00)	Response Form
Grid Forming Webinar	9 Apr (13:00)	Register here
RNP - Call for Input on Balancing, Settlement and Dispatch closes	14 Apr (17:00)	Response Form
Optional Fast Reserve service ceases operation	17 Apr (23:00)	
NTC Commercial Compensation Methodology consultation closes	17 Apr (17:00)	Response Form
Response Reform webinar	22 Apr (15:00-16:00)	Register here
Online Markets Forum	28 Apr (15:00-17:00)	Register here

Check out the NESO Events Calendar for more...

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Demand | Last week demand out-turn

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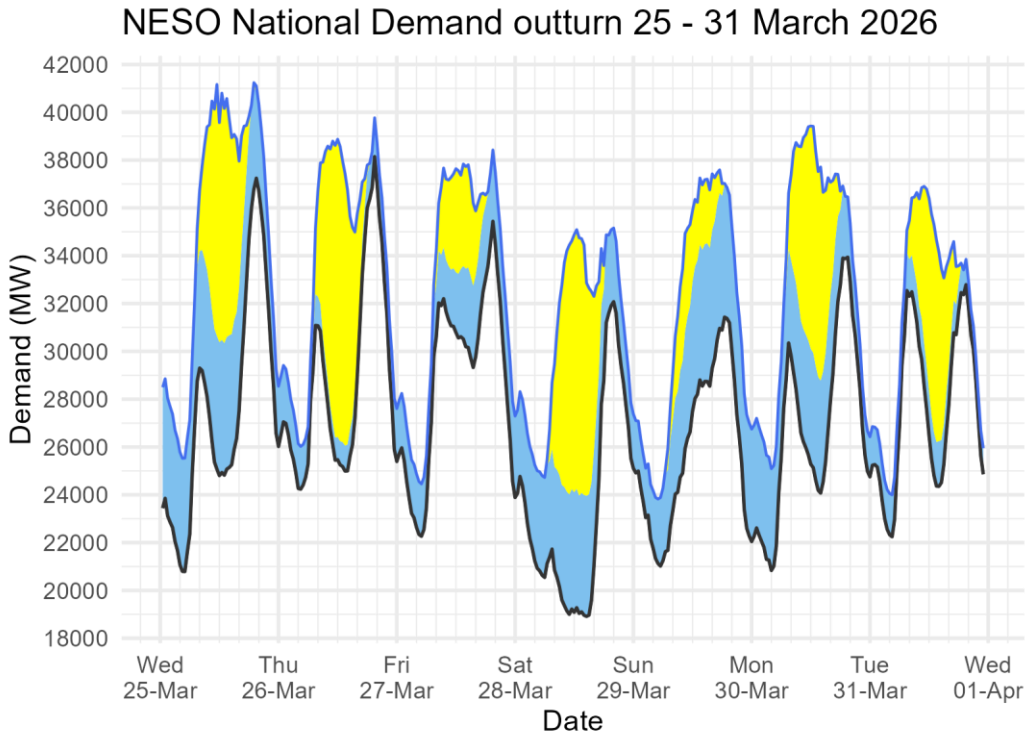

Distributed generation

Peak values by day

Date	OUTTURN Daily Max Dist. PV (GW)	OUTTURN Daily Max Dist. Wind (GW)
25 Mar 2026	10.5	5.6
26 Mar 2026	12.5	2.4
27 Mar 2026	4.3	3.4
28 Mar 2026	10.8	5.1
29 Mar 2026	4.1	5.8
30 Mar 2026	9.5	4.8
31 Mar 2026	8.7	1.9

National Demand

Minimum Demands

Date	Forecasting Point	FORECAST (Wed 25 Mar) National Demand (GW)	FORECAST (Wed 25 Mar) Dist. wind (GW)	FORECAST (Wed 25 Mar) Dist. PV (GW)	OUTTURN National Demand (GW)	OUTTURN Dist. wind (GW)	OUTTURN Dist. PV (GW)
25 Mar 2026	Daytime Min	23.6	5.4	9.2	24.8	5.6	9.2
26 Mar 2026	Overnight Min	23.4	2.5	0.0	24.2	1.8	0.0
26 Mar 2026	Daytime Min	25.9	1.5	9.5	25.0	1.1	11.4
27 Mar 2026	Overnight Min	22.9	2.3	0.0	22.3	2.2	0.0
27 Mar 2026	Daytime Min	29.0	2.8	4.7	29.3	3.4	3.5
28 Mar 2026	Overnight Min	20.6	3.2	0.1	20.5	4.2	0.0
28 Mar 2026	Daytime Min	19.2	4.2	8.9	18.9	5.0	8.9
29 Mar 2026	Overnight Min	19.2	3.3	0.0	21.0	2.9	0.0
29 Mar 2026	Daytime Min	20.6	5.4	5.6	21.7	3.4	0.9
30 Mar 2026	Overnight Min	18.9	4.6	0.0	20.8	4.3	0.0
30 Mar 2026	Daytime Min	24.4	4.9	6.3	24.1	4.7	8.9
31 Mar 2026	Overnight Min	20.3	3.4	0.0	22.2	1.7	0.0
31 Mar 2026	Daytime Min	23.7	3.5	7.8	24.4	1.9	7.9

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

From March to October, the table will display overnight minimum (between 00:00 and 07:30) and daytime minimum (between 07:30 and 16:30) as well as an additional column: distributed PV.

Demand | Week Ahead

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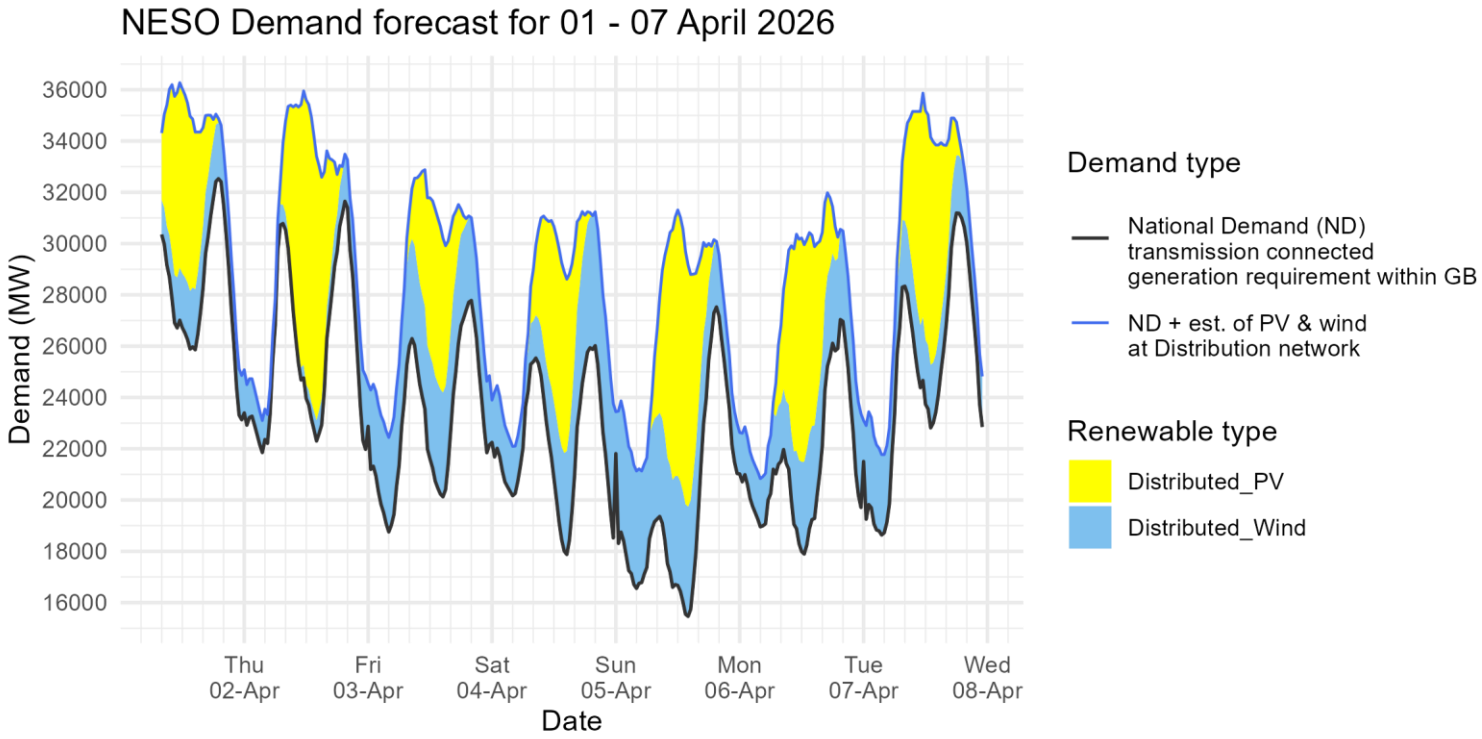

National Demand

Minimum Demands

		FORECAST (Wed 01 Apr)		
Date	Forecasting Point	National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)
01 Apr 2026	Daytime Min	25.9	2.4	6.1
02 Apr 2026	Overnight Min	21.9	1.2	0.0
02 Apr 2026	Daytime Min	22.3	0.8	10.3
03 Apr 2026	Overnight Min	18.8	3.7	0.0
03 Apr 2026	Daytime Min	20.1	4.1	6.0
04 Apr 2026	Overnight Min	20.2	1.9	0.0
04 Apr 2026	Daytime Min	17.9	4.0	6.7
05 Apr 2026	Overnight Min	16.6	4.6	0.0
05 Apr 2026	Daytime Min	15.5	4.3	9.4
06 Apr 2026	Overnight Min	19.0	1.9	0.0
06 Apr 2026	Daytime Min	17.9	3.6	8.5
07 Apr 2026	Overnight Min	18.6	3.1	0.0
07 Apr 2026	Daytime Min	22.8	2.5	8.9

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.

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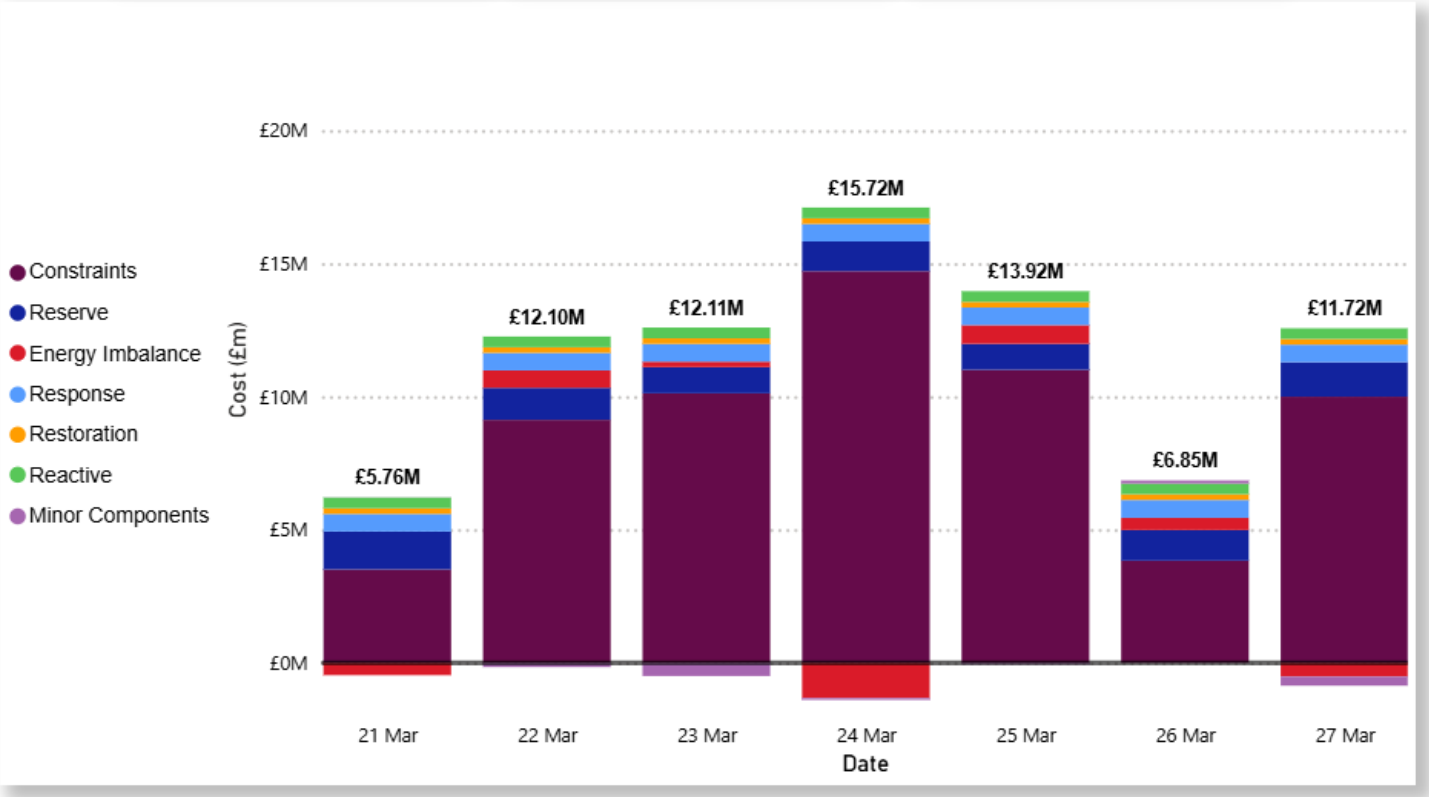
NESO Actions | Category Cost Breakdown

Slido code #OTF

Date

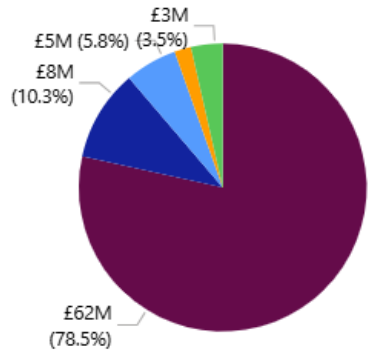
21/03/2026 27/03/2026

Weekly Total Costs (£)	Last Week Total Costs (£)	Past 30-Day Average Costs (£)
78.2M	84.0M	10.9M



Date	Total Costs
21 March 2026	£5,757,448
22 March 2026	£12,103,832
23 March 2026	£12,106,935
24 March 2026	£15,719,751
25 March 2026	£13,915,168
26 March 2026	£6,854,059
27 March 2026	£11,715,574
Total	**£78,172,767**

Weekly Cost (£) and Share (%)



For more info on constraint costs, and the steps NESO is taking with industry partners to address them, please see our Balancing Costs website.

We will be providing an update on NESO's activities to manage constraints following publication of DESNZ' Reformed National Pricing Delivery Plan.

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NESO Actions | Constraint Cost Breakdown

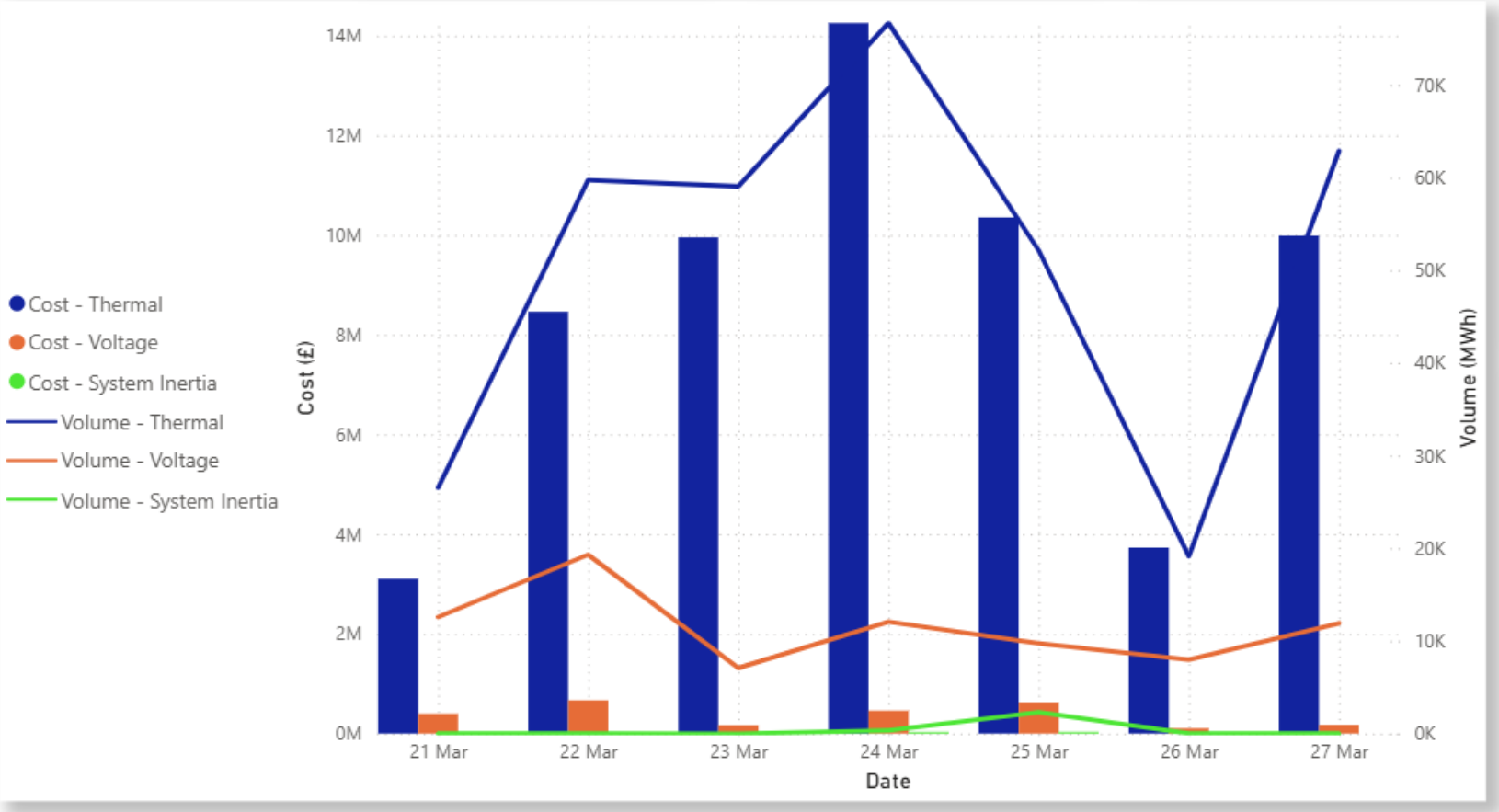
Slido code #OTF

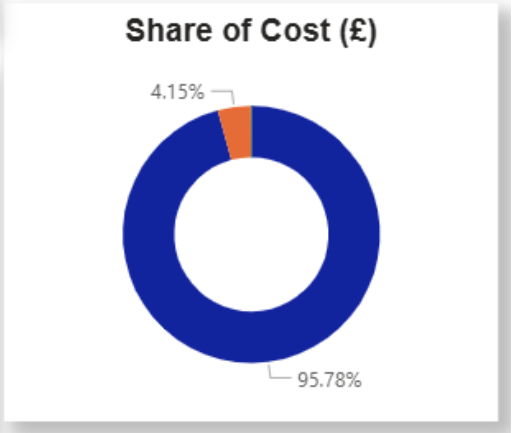
Date
21/03/2026 27/03/2026

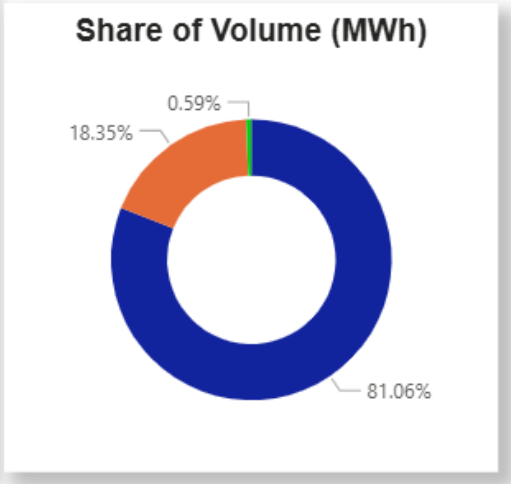
Thermal Constraints	
Costs (£)	Vol (MWh)
59.85M	356.10K

Voltage Constraints	
Costs (£)	Vol (MWh)
2.59M	80.60K

System Inertia	
Costs (£)	Vol (MWh)
44.26K	2.58K







Note: Thermal Constraint volume is reported as an absolute figure.

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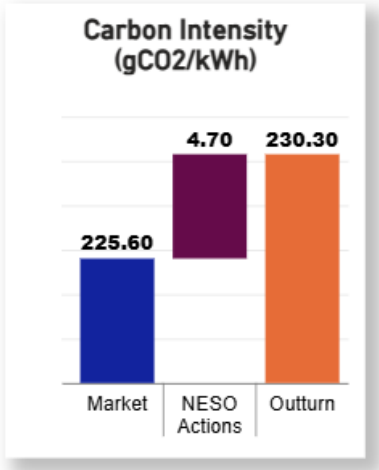
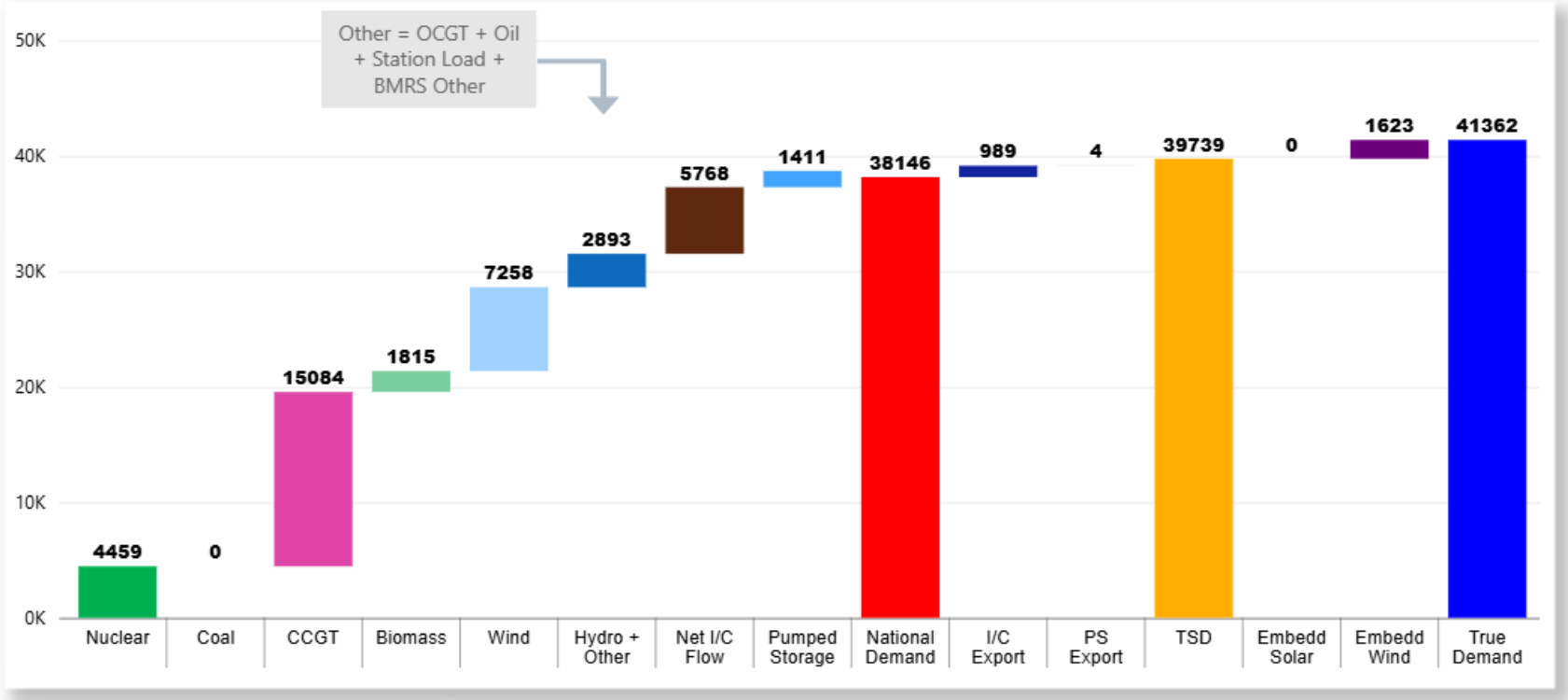
NESO Actions | Peak Demand – Settlement Period (SP) spend ~£83k Thursday 26th March

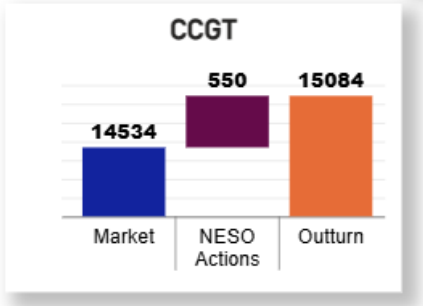
Slido code #OTF

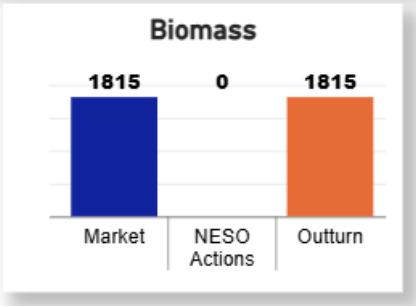
Date: 26 March 2026 | SP: 39

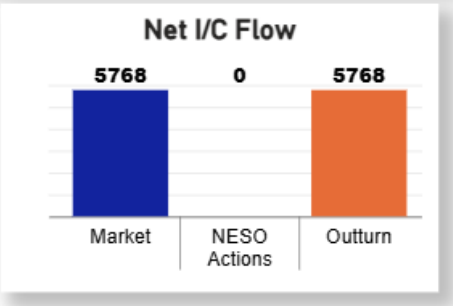
Half-hour preceding
19:30

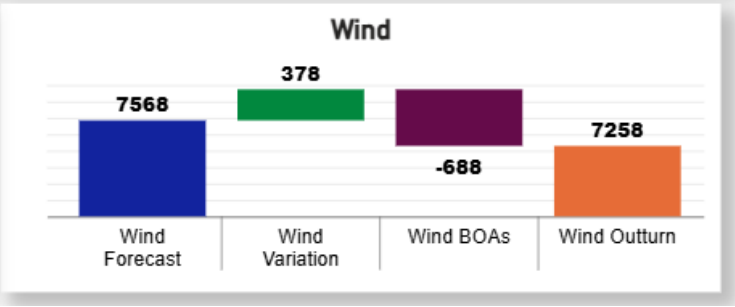










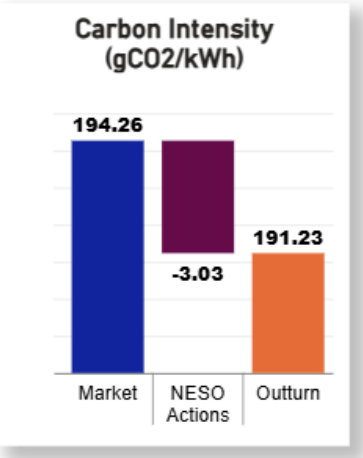


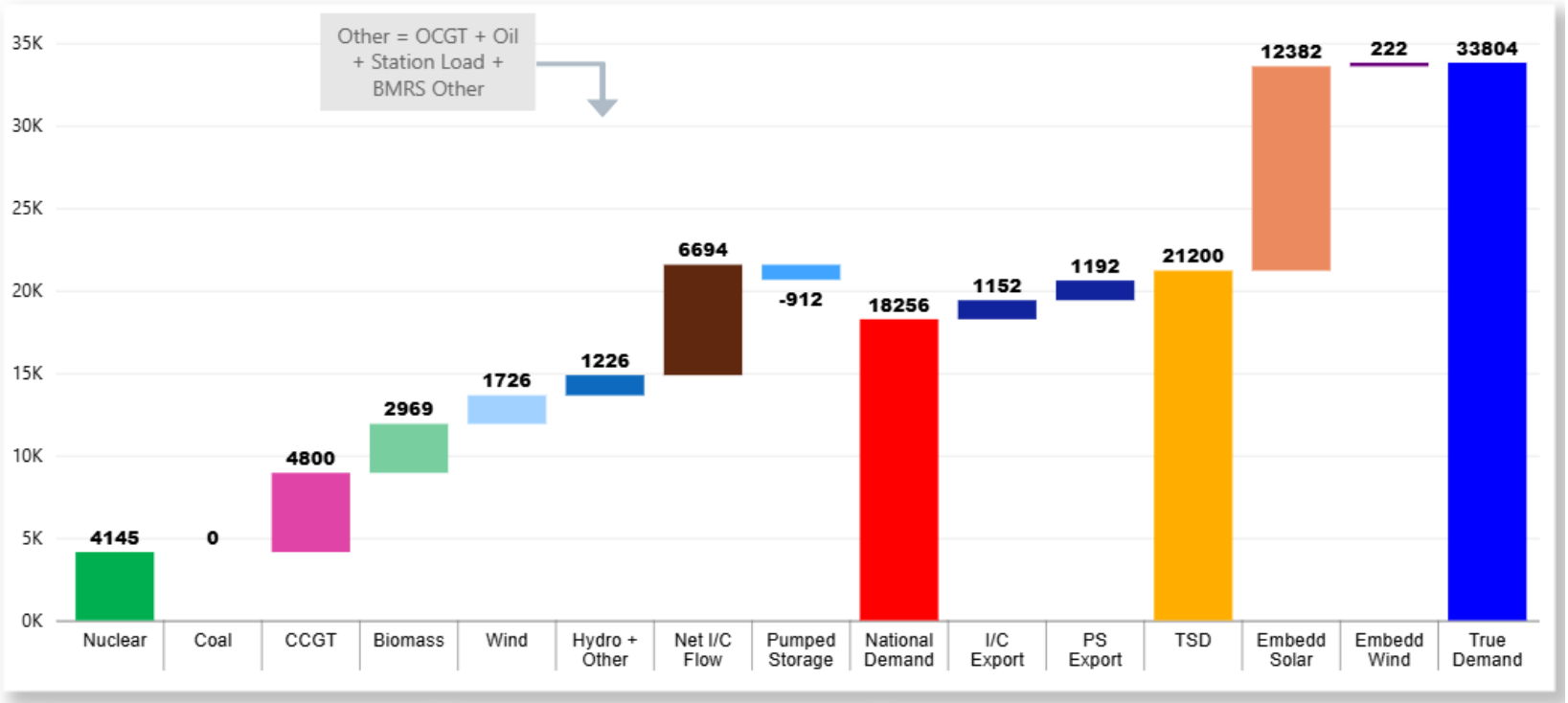
NESO Actions | Minimum Demand – SP spend ~£58.5k
Saturday 21st March

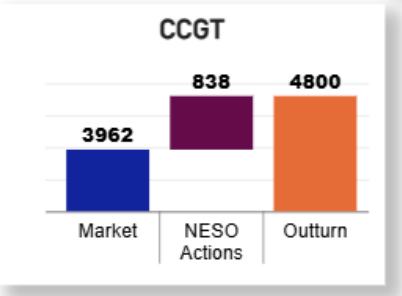
Slido code #OTF

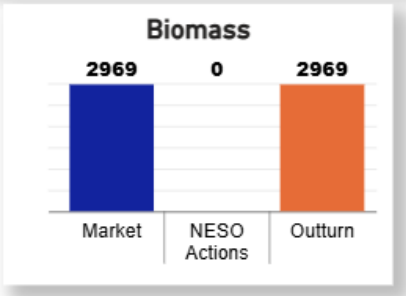
Date: 21 March 2026 | SP: 27

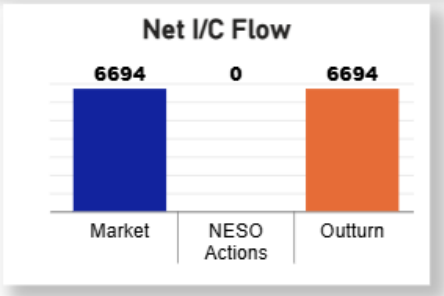
Half-hour preceding
13:30

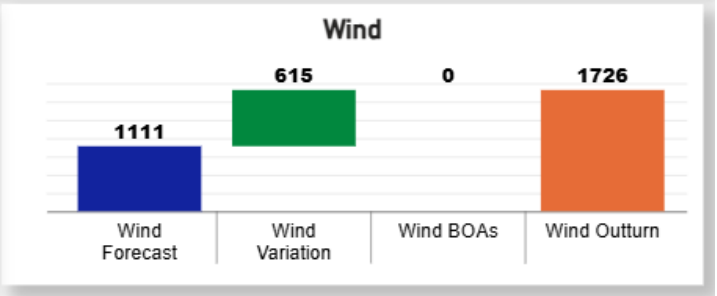












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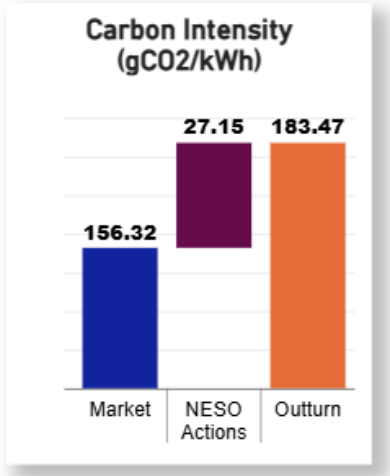
NESO Actions | Highest SP spend ~£688k Monday 23rd March

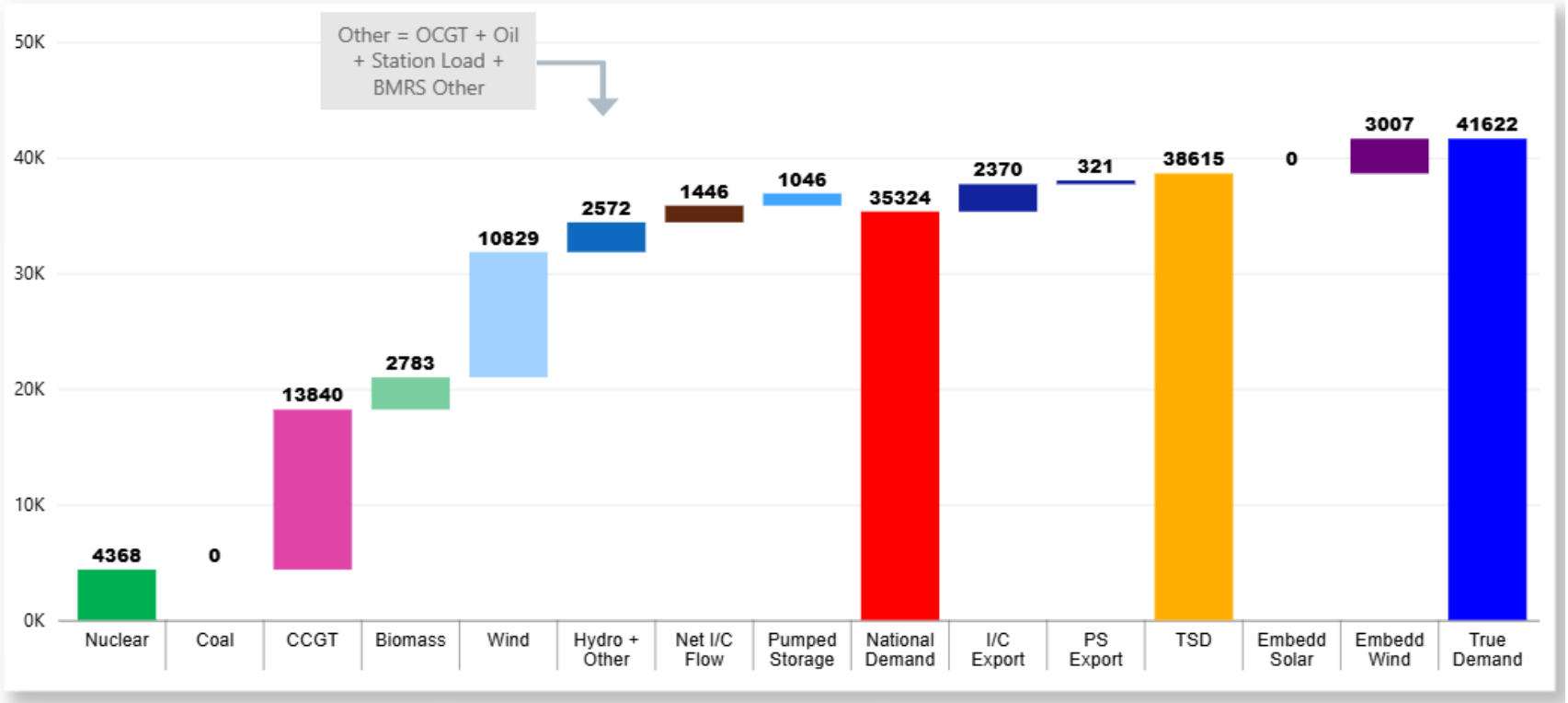
Slido code #OTF

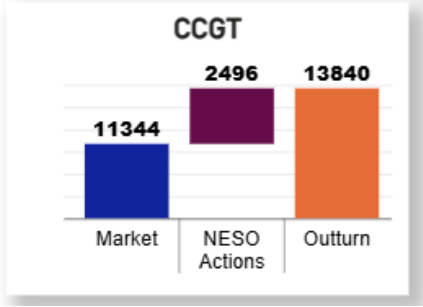
Date: 23 March 2026

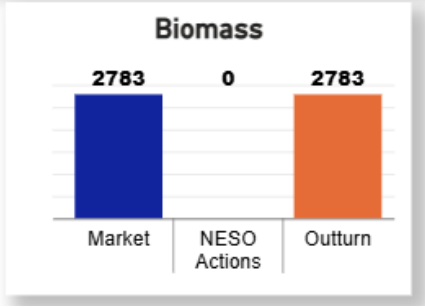
SP: 39

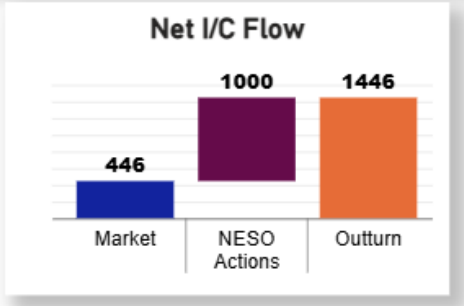
Half-hour preceding: 19:30

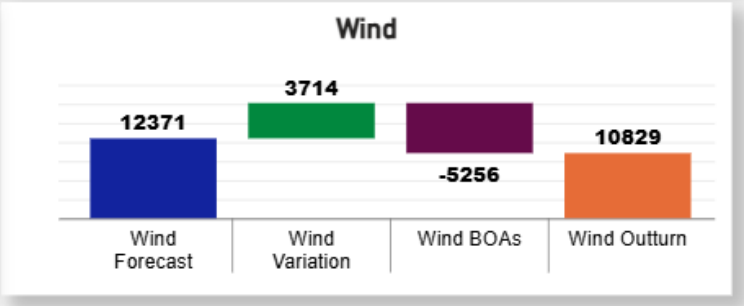












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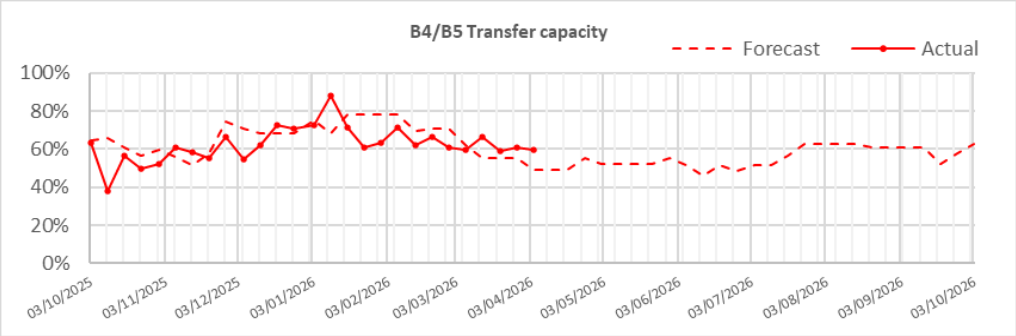
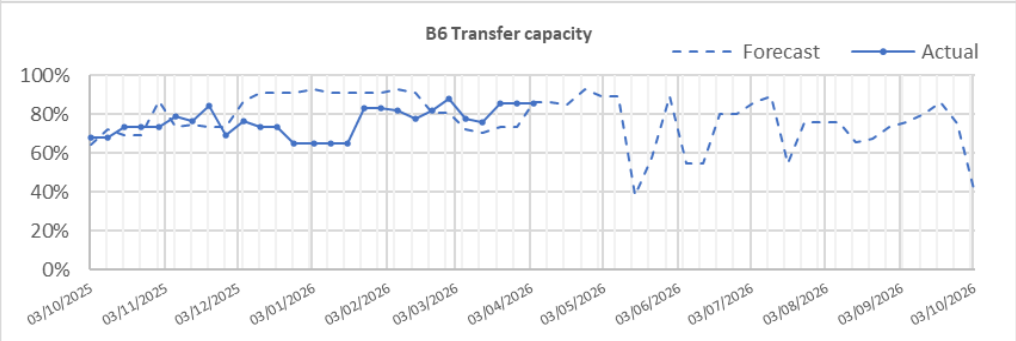
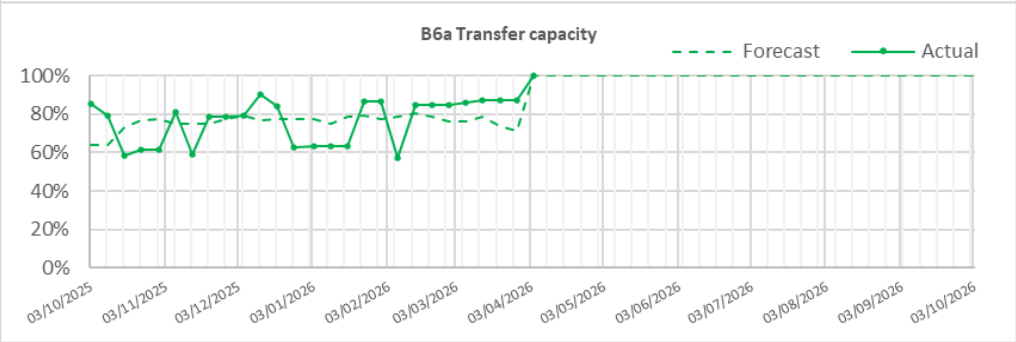
Transparency | Network Congestion

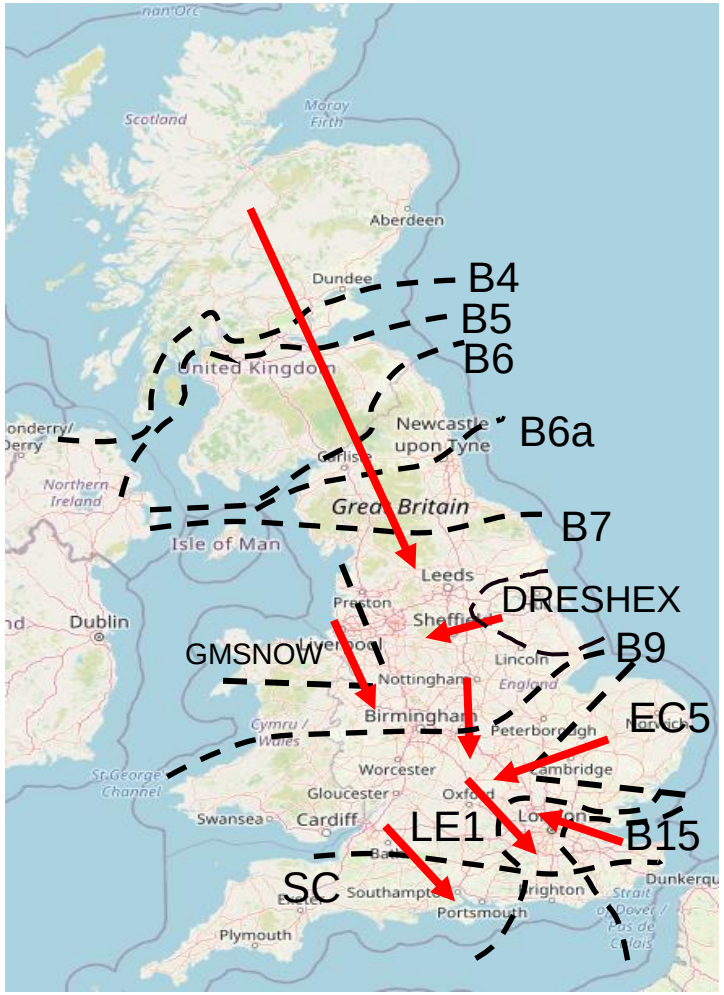
Slido code #OTF







Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	59
B6 (SCOTEX)	6800	85
B6a	8000	100
B7 (SSHARN)	9850	62
GMSNOW	5800	12
FLOWSTH (B9)	12700	83
DRESHEX	9675	72
EC5	5000	100
LE1 (SEIMP)	8750	82
B15 (ESTEX)	7500	73
SC1	7300	100



The forecast line is updated with the 12-week ahead view, and this happens each week. So, everything up to 12 weeks ahead is the forecast from 12-week ahead view, and everything after that is the fixed long-term forecast view.

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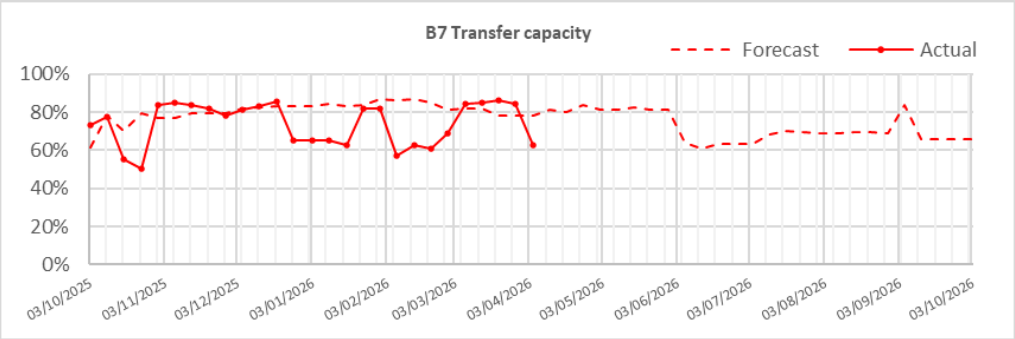
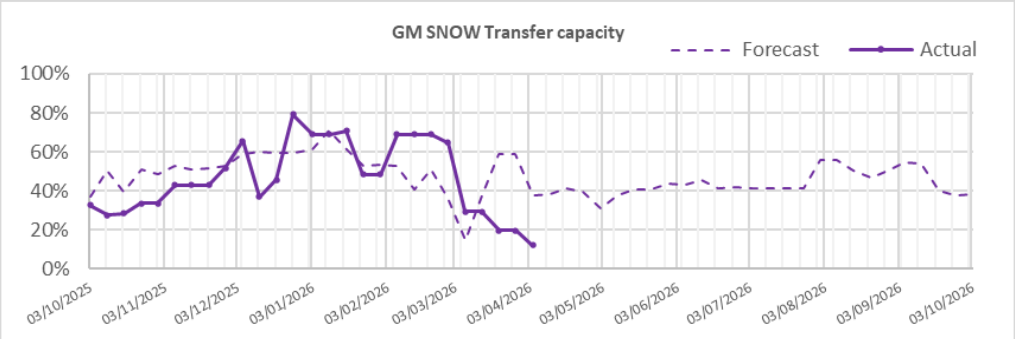
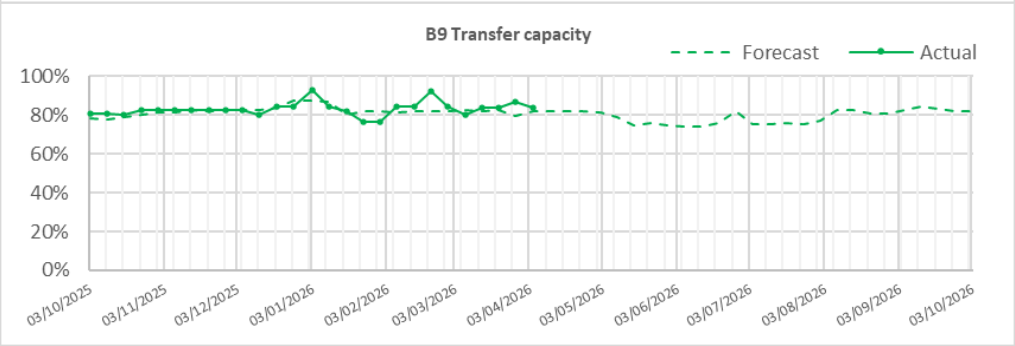
Transparency | Network Congestion

Slido code #OTF







Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	59
B6 (SCOTEX)	6800	85
B6a	8000	100
B7 (SSHARN)	9850	62
GMSNOW	5800	12
FLOWSTH (B9)	12700	83
DRESHEX	9675	72
EC5	5000	100
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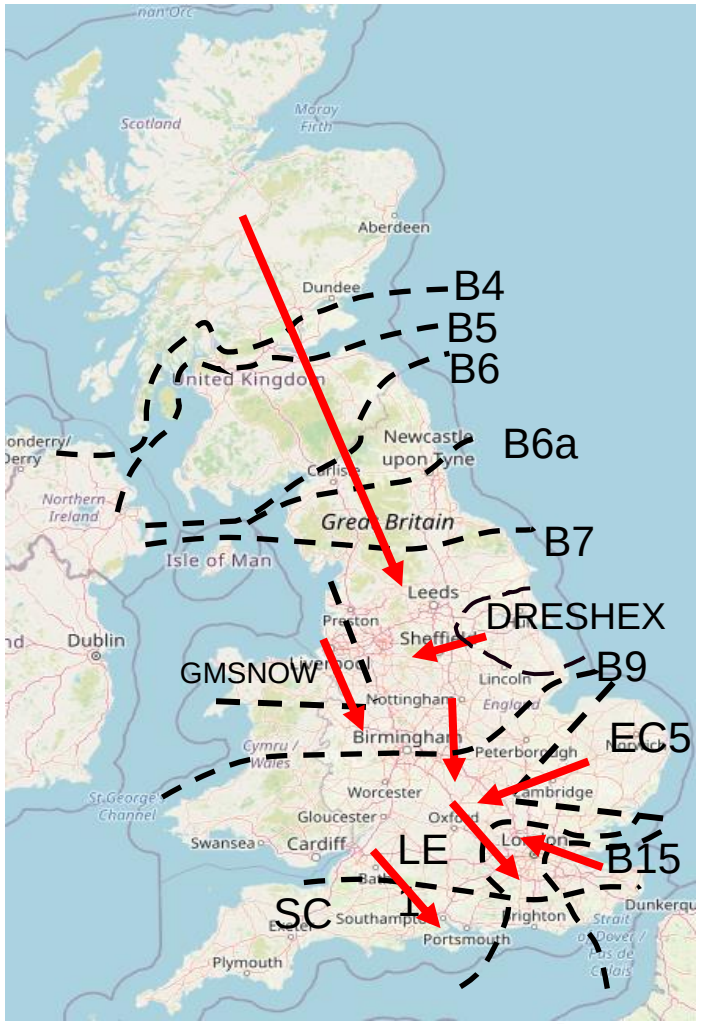

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Transparency | Network Congestion

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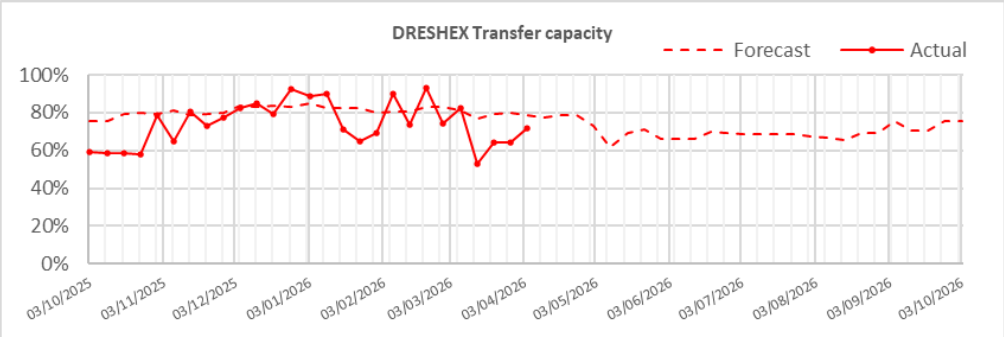

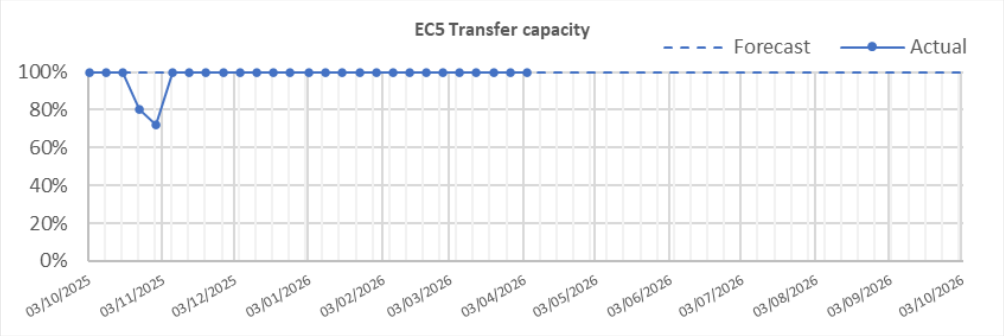

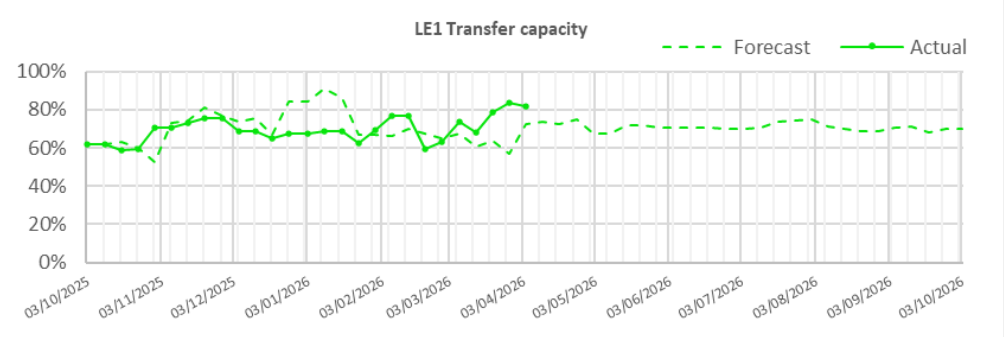

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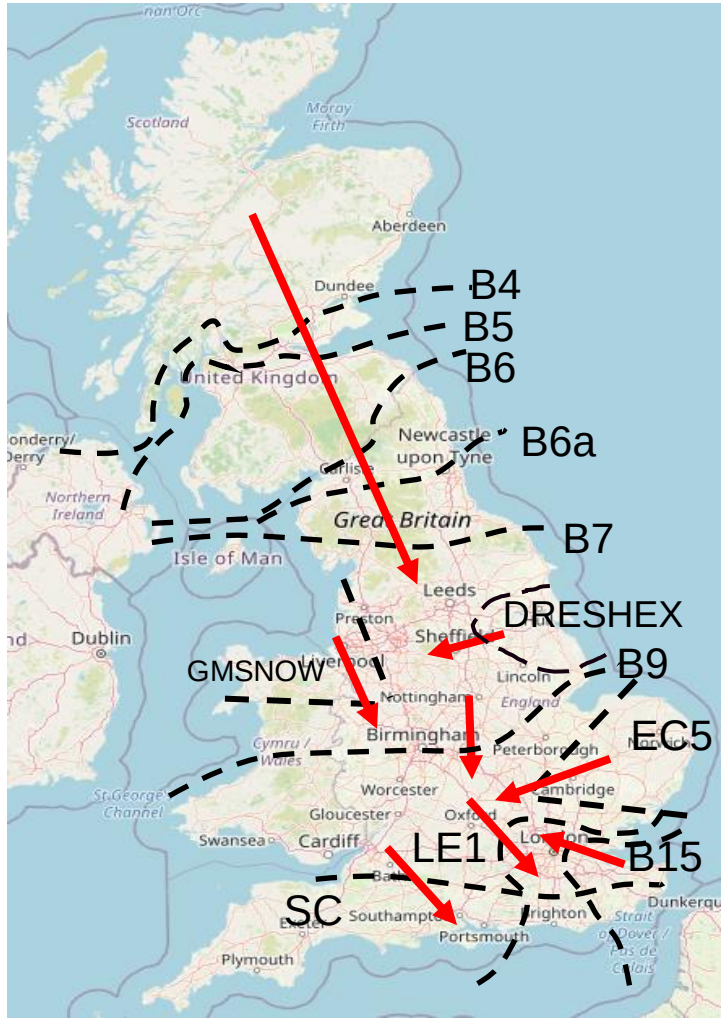

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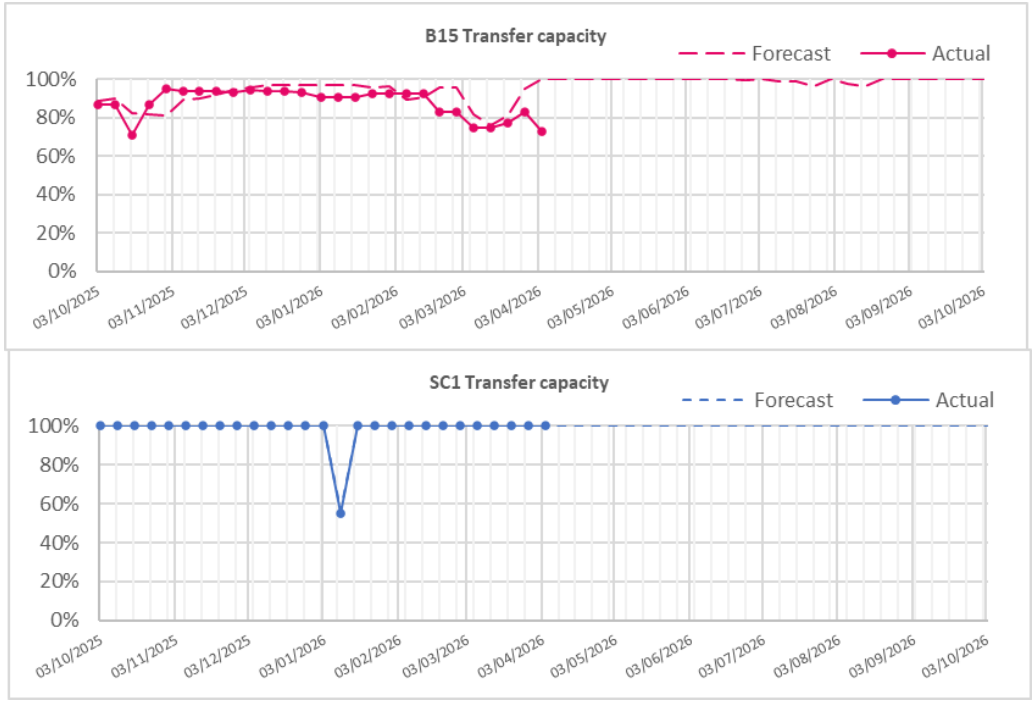
Transparency | Network Congestion



The forecast line is updated with the 12-week ahead view, and this happens each week. So, everything up to 12 weeks ahead is the forecast from 12-week ahead view, and everything after that is the fixed long-term forecast view.

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.

Boundary	Max. Capacity (MW)	Current Capacity (%)
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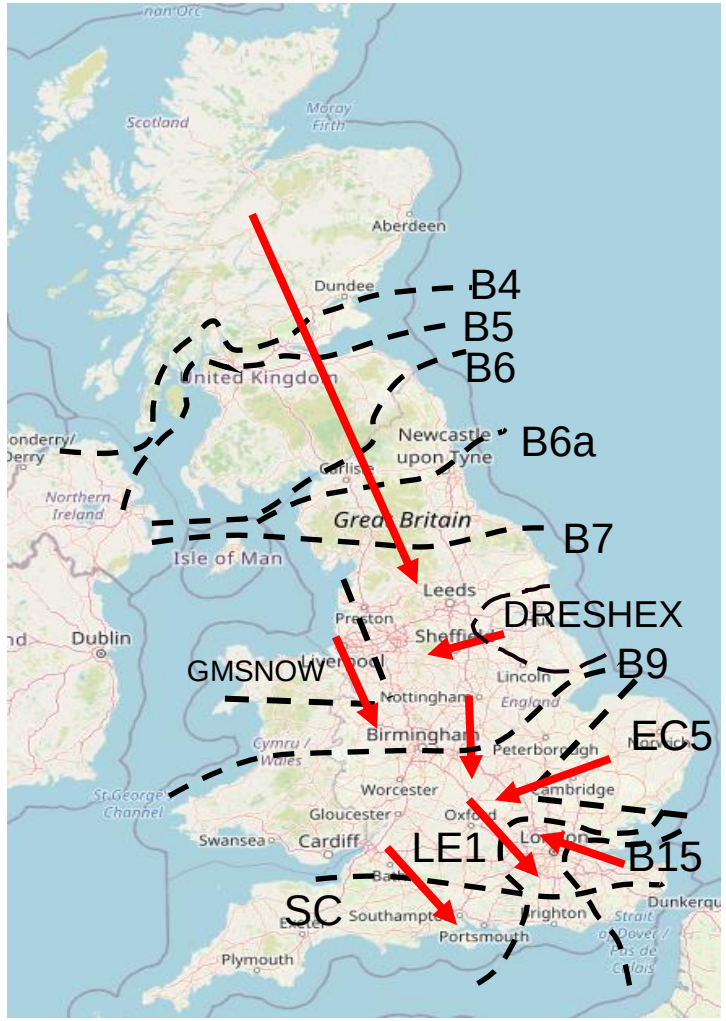


PSA Skip Rates – bids & offers combined

Slido code #OTF

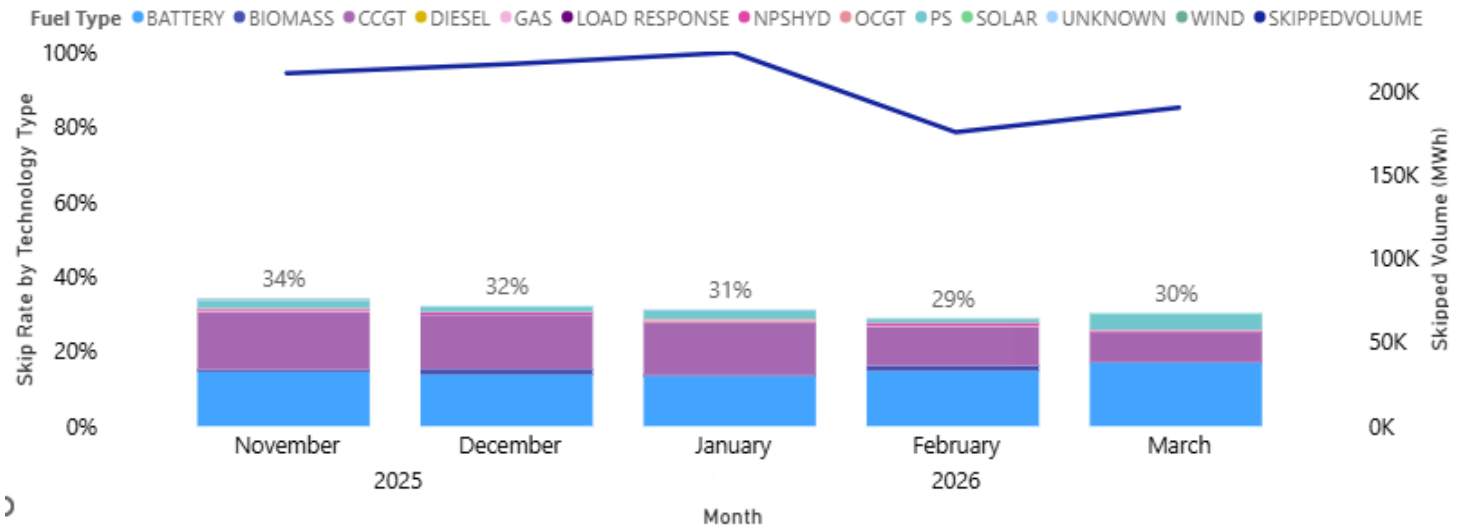
The current skip rate methodology only considers energy actions within the BM

We welcome your comments and feedback on these figures and how we present this data.

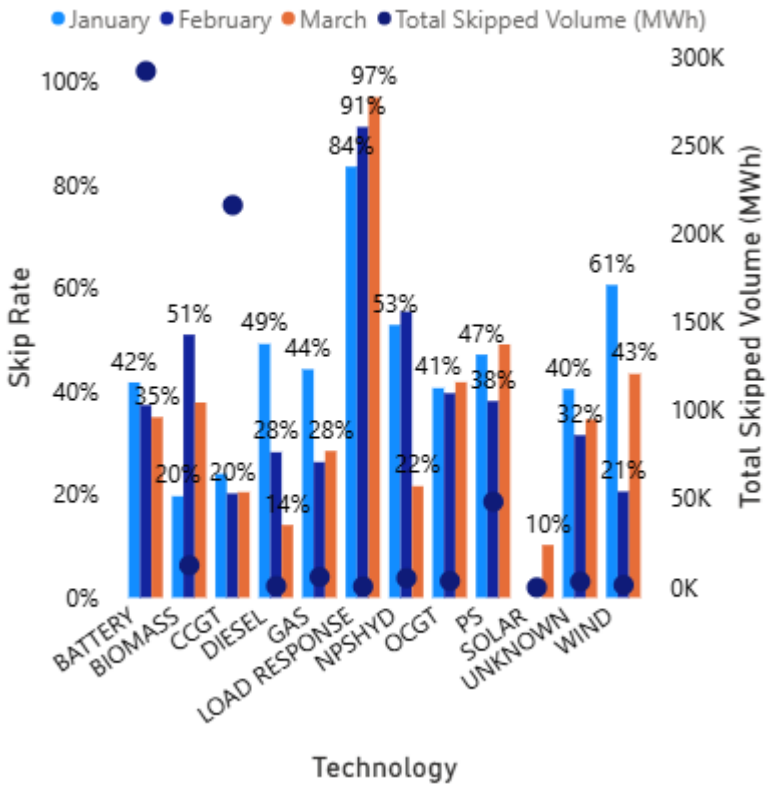
These graphs are based on stage 5 of the Post System Action definition.

Weekly Average w/e	PSA Skip Rate (%)
08/03	44%
15/03	43%
22/03	27%
29/03	39%

Relative Technology Skip Rate



Technology Specific Skip Rate – last 3 months



Gas: Gas reciprocating units
NPSHYD: Non-Pumped Storage Hydro
PS: Pumped Storage

Contact us on box.SkipRates@neso.energy

Skip rate data and more info on skip rates including methodology can be found on our website.

Rerecorded deep dive can be found on our webpage: here

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Previously Asked Questions

Slido code #OTF

Q: (25/03/2026) If NESO were to ever reset BSUOS tariffs, would the calculation assume that NESO would maximise the £300m working capital fund/headroom limit or would the revised rate assume the full forecast under recovery amount? Thanks

A: Per Section 14 of Connection and Use of System Code (CUSC), a reset tariff would only cover the forecast cost of the revised tariff period. Any use of the working capital facility would be recovered in subsequent Fixed Tariffs, via the usual over/under-recovery mechanism.

Q: (25/03/2026) It looks like you're still sending through every Bid offer acceptance as STOR flagged - would it be possible to investigate why this is?

A: Thank you for raising, this was an unforeseen consequence of implementation of slow reserve and should be resolved today (01/04/26).

Advance Q: (30/03/2026) Would it be possible to provide the Boundary Transfer Capacity graphs in MW capacity, as well as or alongside the % capability. It would be good to see the timing of upcoming upgrades to the network in the next 6 months more clearly. Thank you!

A: We will take this feedback forward and consider how best to reflect this in future updates, subject to data availability and governance.

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Previously Asked Questions

Slido code #OTF

Advance Q: (31/03/2026) Good morning Please confirm the status of the STOR Flag data marker used to identify balancing actions taken by NESO in BSAD. Will this be discontinued along with STOR, or will a Slow Reserve equivalent be formed? Thanks

A: As the STOR service has ended, we will no longer report actions with a STOR flag. This is different within Slow Reserve as price changes can be made up to gate-closure. Any Slow Reserve Non-Balancing Mechanism (NBM) actions will be flagged accordingly for BSAD as we do for Quick Reserve.

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Outstanding Questions

Slido code #OTF

Advance Q: (27/03/2026) The new 'Instantaneous Generation by Fuel Type (Inclusion of Battery)' was scheduled to be live in April 2026 – Do we have an exact date when this will be published? Also, will the data published be equivalent to the current Pump Storage fuel type data e.g. 5 minutely outturns with both positive and negative values?

NESO OTF Q&A Guidelines

Slido code #OTF

- **Anonymous Questions:** We won't answer questions from unidentified parties live. If you need to stay anonymous, use the advance question or email options.
- **Challenge Concerns:** The OTF isn't the place to challenge actions of individual parties (except NESO). Report such concerns to the Market Monitoring team at: mailto:box.nc.customer@neso.energy.
- **Question Order:** We'll answer questions in the order they are upvoted. If we can't answer a question right away, we'll take it away or address it later.
- **Slido Availability:** Slido will stay open until 12:00, even if the call ends earlier, to give you more time to ask questions.
- **Q&A:** All questions asked through Slido will be recorded and published with answers in the Operational Transparency Forum Q&A on our webpage: https://www.neso.energy/what-we-do/systems-operations/operational-transparency-forum
- **Takeaway Questions:** These will be included in the next OTF pack. We might ask you to email us to clarify details
- **Out of Scope Questions:** These will be forwarded to the right NESO expert or team for a direct response. We might ask you to email us to ensure we have the correct contact details. For more information about the OTF's purpose and scope, check the appendix of this slide pack.

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Audience Q&As

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

Send us your feedback..

Slido code #OTF

Using the poll in Sli.do after the event.

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

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Appendix

Slido code #OTF

Purpose and scope of the NESO Operational Transparency Forum

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

The OTF covers:

- Regular updates, deep dives, and focus topics
- NESO's operational strategies and challenges
- Data published by NESO
- Data and processes from other parties (e.g., BMRS by Elexon, consultations by Elexon, Ofgem, DESNZ)
- Industry questions (answers live or taken away for answering later)

Out of Scope

The OTF does not cover:

- Data owned by other parties
- Specific actions and decisions of the NESO Control Room
- Activities and operations of individual market participants
- NESO's policy and strategic decisions
- Formal consultations (e.g., Code Changes, Business Planning, Market Development)

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Skip Rates – 'In Merit' datasets

We recognise that these datasets aren't as intuitive as they could be – specifically the column headings. Please be reassured that we are looking at ways to improve this - we will update the documentation to include this information and will also discuss the datasets in more detail at the webinar on 27th February.

We will use 'accepted' and 'instructed' differently in this context, even though they are normally the same.

These datasets show the units that should have been instructed if decisions were solely based on price, rather than all units that were instructed. Therefore this dataset does not match the total accepted volume datasets in Elexon.

In Merit Volume = Accepted Volume + Skipped Volume

In Merit Volume
- This is the recreated in merit stack showing the lowest cost units that were available to meet the requirement, where the requirement is based on the volume of units that were actually instructed
- Therefore this is the volume that should have been accepted if decisions were solely based on price
- The sum of this column is the total instructed volume in the 5 minute period (subject to the relevant exclusions)

Accepted Volume
- This is the volume that was accepted in merit, as a subset of the 'In Merit Volume' column – i.e. how much volume was accepted in merit
- The sum of this column will be less than the sum of the 'In Merit Volume' column, unless there is no skipped volume
- Note: this column does not list all instructed units

Skipped Volume
- This is the volume that was skipped, as a subset of the 'In Merit Volume' column – i.e. of the volume that we should have instructed, how much was skipped

It's possible that the list of units increases, decreases, or stays the same between stages, but the total 'In Merit Volume' will always remain the same (or no volume is excluded) or decrease (due to exclusions).