

Public

NESO Operational Transparency Forum

14 October 2026

Slido code #OTF

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'

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.

Focus Topics

Today

- Cancelled- Auction Process (EAC) for Balancing Services- Rescheduled for 11 November

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Future

- 21 October
 - September Balancing Costs
- 28 October
 - Reformed National Pricing Update
- 4 November
 - Grid code compliance and market monitoring



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

Operational Review & Whistleblower investigation

External Whistleblowing investigation

- Following whistleblower allegations regarding operational decision-making and record-keeping within NESO, an independent external investigation has been launched led by Eversheds Sutherland International which will report to an independent panel
 - Full details of the terms of reference for this investigation are published on NESO's website which you can find here: <https://www.neso.energy/news/terms-reference-now-published>

Post-event regulatory review:

- Ofgem has used its regulatory powers to formally commission NESO to deliver a separate post-event review of the incidents of system stress during extreme heat across the week commencing 22 June.
 - The Terms of Reference for this review have been published on the Ofgem website: <https://www.ofgem.gov.uk/transparency-document/regulatory-review-operation-and-management-electricity-system-during-june-heat-event>
- The Focus Topic on margins during the week commencing 22 June will be delayed until this Ofgem commissioned review concludes

5-Year View of TNUoS Tariffs (2027/28 to 2031/32)

On Friday 8 October we published the Five-year view of TNUoS Tariffs for 2027/28 to 2031/32. The report and the tables can be accessed through the links below.

- [Download the report](#)
- [Download the Tables File](#)

We are hosting a webinar on Wednesday 14 October to go through the key findings and answer your queries on this publication. Register for the webinar at the link below.

If you would like to ask any questions ahead of the webinar, please email us at TNUoS.queries@neso.energy

[Webinar Sign Up Here](#)

2026 Revenue and Charging Forum

We are holding an in-person and online Charging Forum to provide an overview of all things TNUoS, BSUoS, AAHEDC and Connections Charging.

We'll cover who pays, when and how we calculate the charges, as well as deeper dives into specific topics with plenty of opportunities to ask questions.

This is an introductory event aimed towards a working level audience, so if you're directly involved in these areas or just want to improve your knowledge, we'd love to see you there. Please also forward this message to any of your colleagues who may be interested.

To make this event as accessible as possible, whilst also giving us the opportunity to meet people face to face, we are running two separate charging forum days, an in-person day at our Wokingham office and an online only event hosted on Microsoft Teams. Please register below.

The content will be the same on both days so we would suggest only registering for one day.

We'll be in touch with further details, including the final agenda nearer the date.

In Person Event*

- 📅 Date: **06 October 2026**
- 🕒 Time: **9.15am to 15.00pm (approximately)**
- 📍 Venue: **National Energy System Operator (NESO), Bearwood Rd, Sindlesham, Wokingham RG41 5BN**

Online Event

- 📅 Date: **15 October 2026**
- 🕒 Time: **9.30am to 15.00pm (approximately)**
- 📍 Location: **Microsoft Teams**

[**REGISTER FOR ON-LINE HERE**](#)



No limit on the number of attendees.
Please contact TNUoS.queries@neso.energy
with any questions.

Constraints Collaboration Project (CCP) quarterly webinar – Wednesday, 14 October at 13:00.

Please join us for the Constraints Collaboration Project quarterly webinar on **Wednesday, 14 October at 13:00–14:30**. To register, please complete the registration form [here](#).

The agenda for the day includes:

- Storage Behind Constraints
- Short-term Constraint Management Market
- Extended Intertrip Scheme
- There will also be an opportunity to ask questions during the Q&A session.

If you are unable to attend, the session will be recorded, and the Q&A document will be published on our website afterwards.

Demand for Constraints Update Webinar

Date: 20 October 2026

Time: 10:30am – 12:00pm

We are pleased to announce that NESO's Demand for Constraints (DfC) project team are hosting a webinar for the new Demand for Constraints service. The session will cover:

- An overview of the updated service design since the 23rd June's webinar
 - Eligibility criteria
 - Technical design
 - System requirement
 - Commercial design
- Procurement approach and contract award considerations
- Next steps and timeline
- Dedicated Q&A session

The webinar invite can be found [here](#)



NESO Balancing Programme Optimisation Stakeholder Focus Group

Slido code #OTF

Date: 16.11.2026**Time:** 12:30 – 14:00**Format:** Microsoft Teams Online

Join our Optimisation Focus Group to hear the latest updates on the development of balancing optimisation capabilities delivered into the Control Room. During the session, we will:

- Recap on where we are in our journey to improve optimisation capabilities.
- Provide an update on the Future State of Energy (FSOE) model, including the development roadmap and key milestones.
- Share insights from data analysis on how Maximum Delivery Offer (MDO) & Maximum Delivery Bid (MDB) are being used in the Control Room.
- Explore the logic behind the 'Optimisation within a Constraint' capability, including how it operates today and how it is evolving to support additional asset types.

If you are not signed up to our Balancing Programme Optimisation Stakeholder Focus Group and would like to attend this session, please register [here](#) – a calendar invite will be sent to you within 48 hours of signing up.

If you have any questions, please contact the team at:
box.balancingprogramme@neso.energy

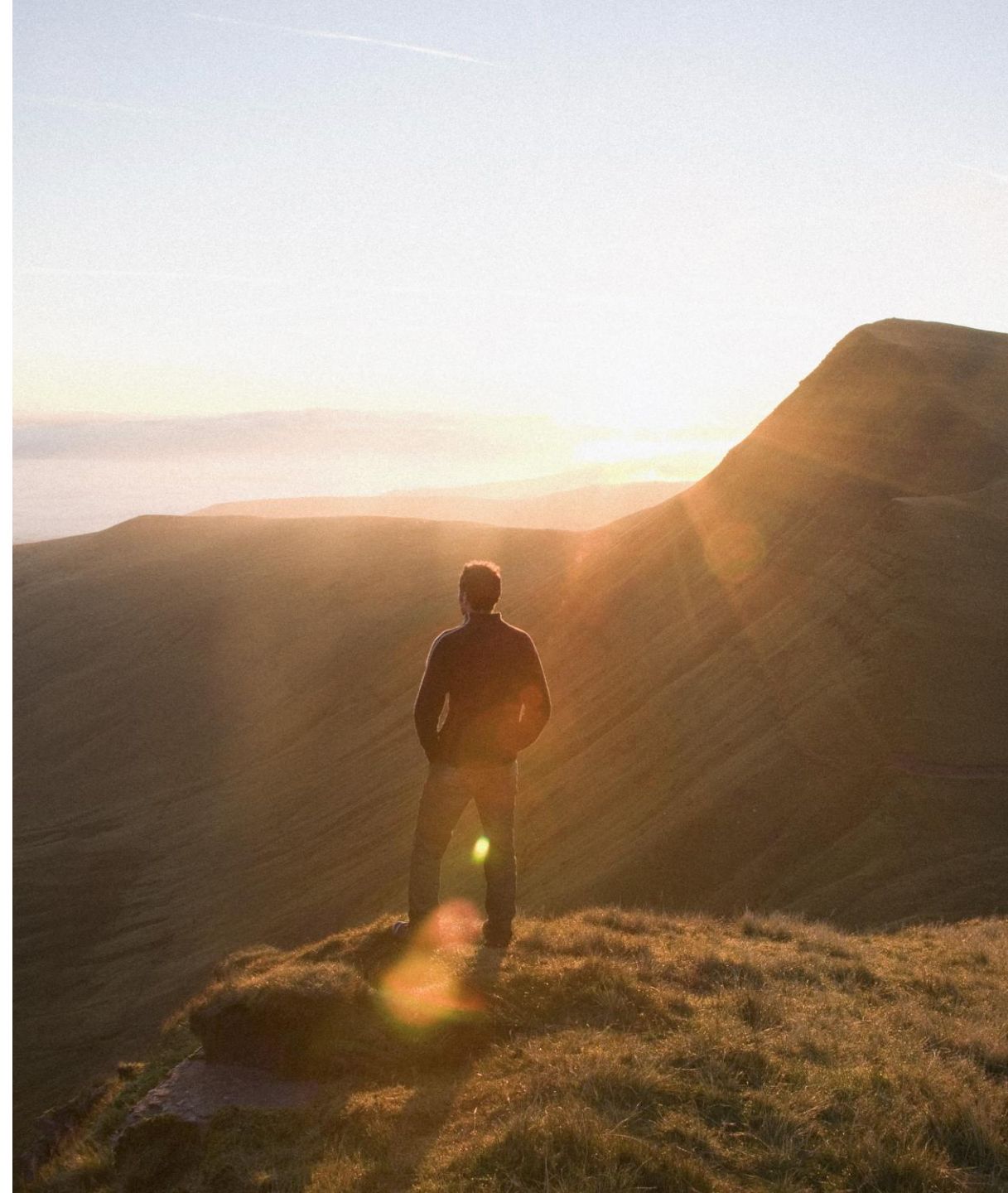


Scan to sign up

Reactive Power Mid-term Market

Market Launch

- NESO are pleased to announce that as of 6 October 2026 NESO has launched the Mid-term Reactive Power Market via the iValua Platform.
- For more information and to access the latest market documents, please visit the [NESO Mid-term Reactive Power Market Webpage](#)
- Market participants are invited to review the published materials and submit a qualification submission (using iValua) if you wish to provide reactive power services to NESO through this market.



Future Event Summary

Slido code #OTF

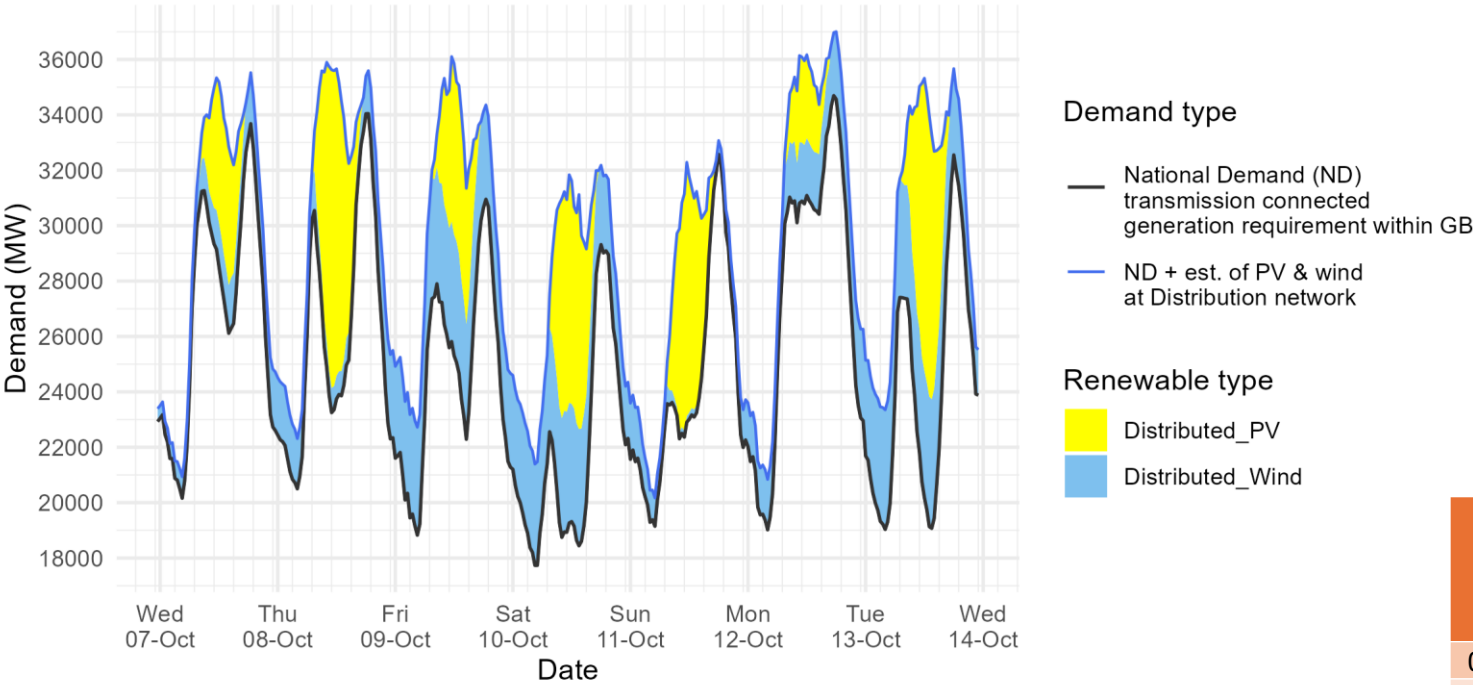
Event	Date & Time	Link
Five-Year View of TNUoS Tariffs for 2027/28 to 2031/32 Webinar	14 October (14:00 – 15:00)	Register here
Constraints Collaboration Project (CCP) quarterly webinar	14 October (13:00-14:30)	Register here
2026 Revenue and Charging Forum	15 October (9.30 – 15.00)	Register here
Demand for Constraints Update Webinar	20 October (10:30-12:00)	Register here
Balancing Programme Optimisation Stakeholder Focus Group	16 November (12:30-14:00)	Register here

Check out the [NESO Events Calendar](#) for more...

Demand | Last week demand out-turn

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NESO National Demand outturn 07 - 13 October 2026



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.

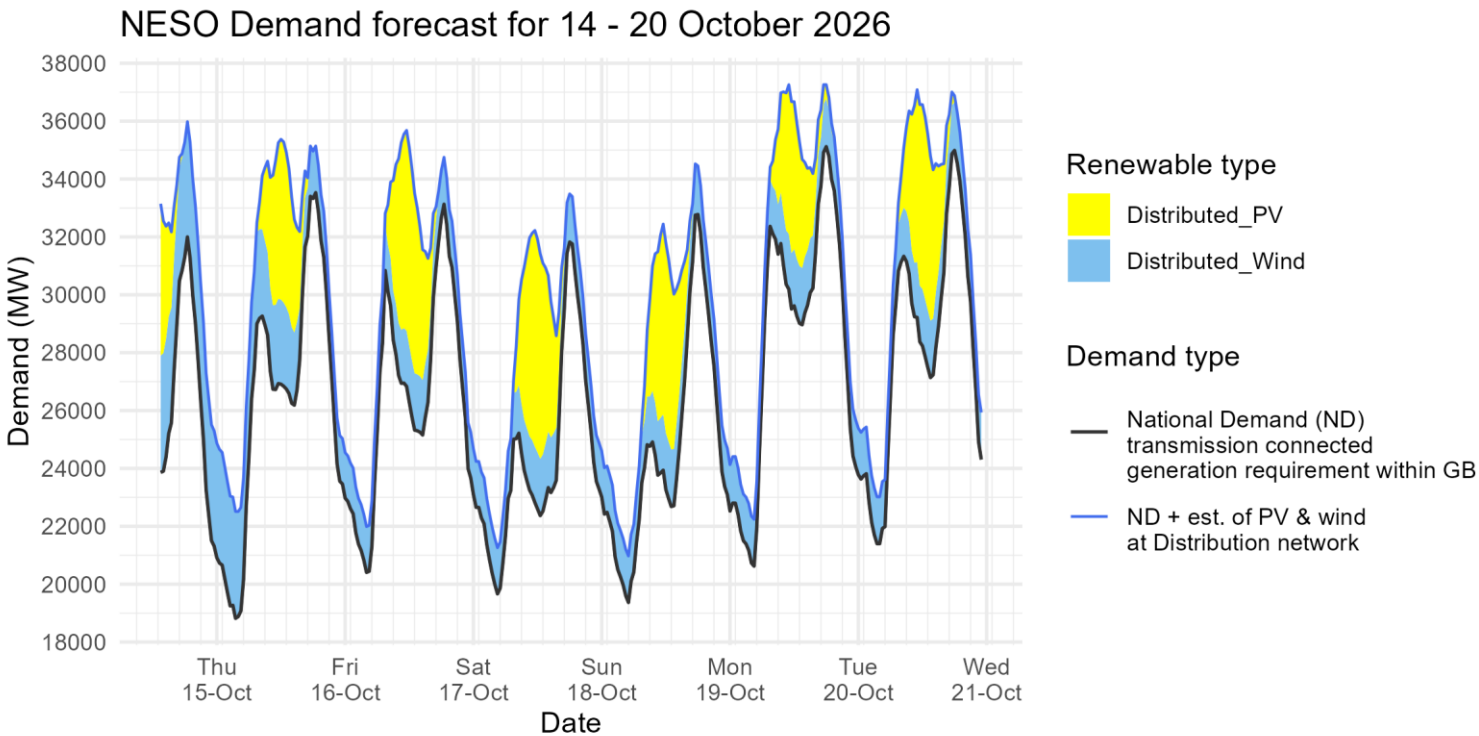
Distributed generation
Peak values by day

OUTTURN		
Date	Daily Max Dist. PV (GW)	Daily Max Dist. Wind (GW)
07 Oct 2026	5.1	2.1
08 Oct 2026	11.5	3.0
09 Oct 2026	6.2	4.4
10 Oct 2026	8.5	4.4
11 Oct 2026	9.2	2.0
12 Oct 2026	3.1	3.2
13 Oct 2026	10.6	4.7

National Demand
Minimum Demands

		FORECAST (Wed 07 Oct)			OUTTURN		
Date	Forecasting Point	National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)	National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)
08 Oct 2026	Overnight Min	19.1	2.5	0.0	20.5	1.8	0.0
08 Oct 2026	Daytime Min	23.0	0.9	7.9	23.2	0.9	11.5
09 Oct 2026	Overnight Min	17.7	4.4	0.0	18.8	3.9	0.0
09 Oct 2026	Daytime Min	23.0	4.4	4.2	22.3	4.2	4.9
10 Oct 2026	Overnight Min	16.9	4.0	0.0	17.7	3.7	0.0
10 Oct 2026	Daytime Min	19.9	4.4	4.7	18.4	4.2	8.5
11 Oct 2026	Overnight Min	17.9	2.3	0.0	19.1	1.0	0.0
11 Oct 2026	Daytime Min	20.8	1.8	0.4	22.3	0.3	7.3
12 Oct 2026	Overnight Min	18.6	2.5	0.0	19.0	1.8	0.0
12 Oct 2026	Daytime Min	27.6	2.7	4.0	28.3	2.0	0.1
13 Oct 2026	Overnight Min	19.2	2.6	0.0	19.0	4.3	0.0
13 Oct 2026	Daytime Min	23.8	3.6	6.5	19.1	4.7	9.5

Demand | Week Ahead



National Demand Minimum Demands

		FORECAST (Wed 14 Oct)		
Date	Forecasting Point	National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)
15 Oct 2026	Overnight Min	18.8	3.7	0.0
15 Oct 2026	Daytime Min	26.2	2.5	3.9
16 Oct 2026	Overnight Min	20.4	1.6	0.0
16 Oct 2026	Daytime Min	25.2	1.9	4.5
17 Oct 2026	Overnight Min	19.7	1.6	0.0
17 Oct 2026	Daytime Min	22.4	2.0	7.1
18 Oct 2026	Overnight Min	19.4	1.6	0.0
18 Oct 2026	Daytime Min	22.2	1.6	0.3
19 Oct 2026	Overnight Min	20.6	1.6	0.0
19 Oct 2026	Daytime Min	29.0	2.0	3.8
20 Oct 2026	Overnight Min	21.4	1.6	0.0

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

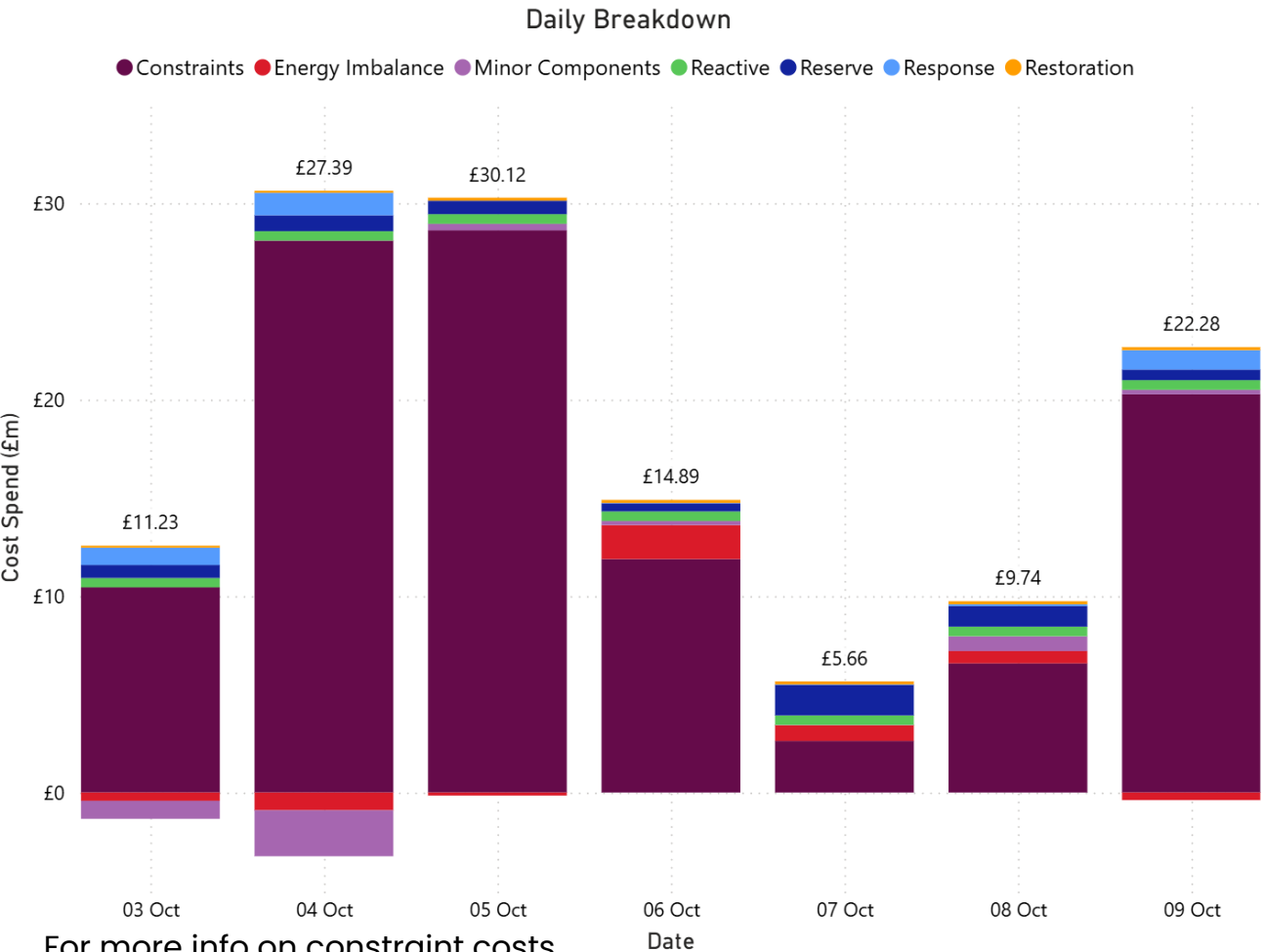
Blue line serves as a proxy for total GB customer demand. It includes demand supplied by the distributed wind and solar sources, but it does not include demand supplied by non-weather driven sources at the distributed network for which NESO has no real-time data.

Historic out-turn data can be found on the [NESO Data Portal](#) in the following data sets:
[Historic Demand Data & Demand Data Update](#)

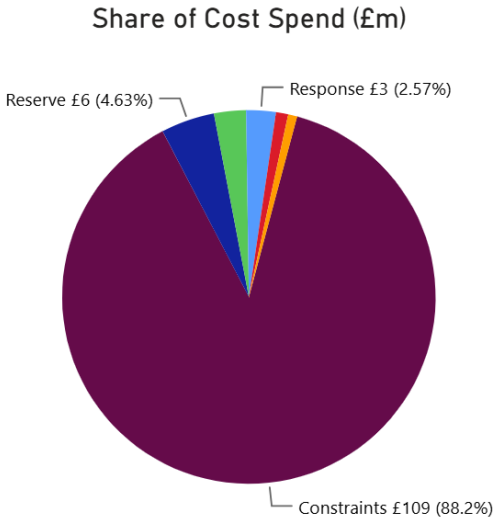
From March to October, the table will display overnight minimum (between 00:00 and 07:30) and daytime minimum (between 07:30 and 16:30) as well as an additional column: distributed PV.

NESO Actions | Category Cost Breakdown

Slido code #OTF



Current Week Total (£m)	Average Daily Cost (£m)
£121.30	£17.33
Previous Week Total (£m)	Previous 30 Day Average (£m)
£169.88	£15.25



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

Contact us on box.nc.customer@neso.energy



NESO Actions | Constraint Cost Breakdown

Slido code #OTF

Thermal Constraints

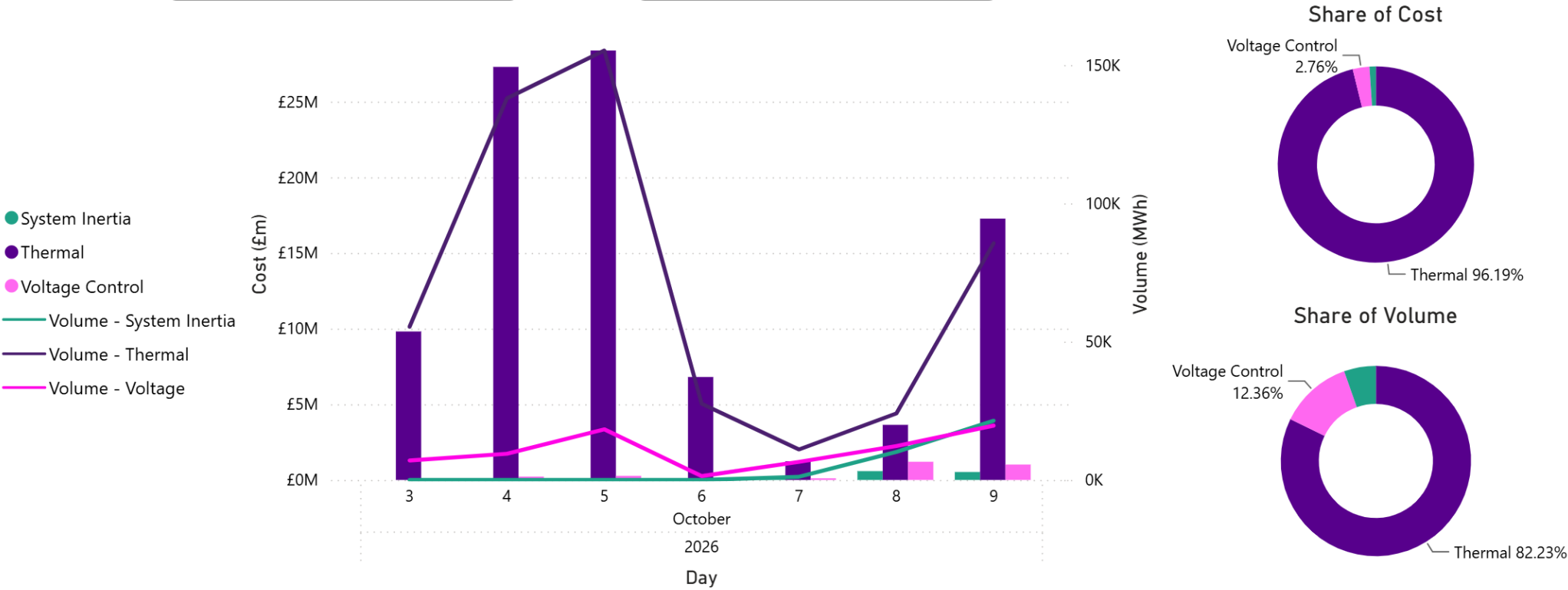
Costs (£)	Volume (MWh)
£104.31M	497K

Voltage Constraints

Costs (£)	Volume (MWh)
£3.00M	75K

System Inertia

Costs (£)	Volume (MWh)
£1.13M	33K



Contact us on box.nc.customer@neso.energy

NESO Actions | Settlement Periods of Interest

Slido code #OTF

Highest Costing Settlement Period

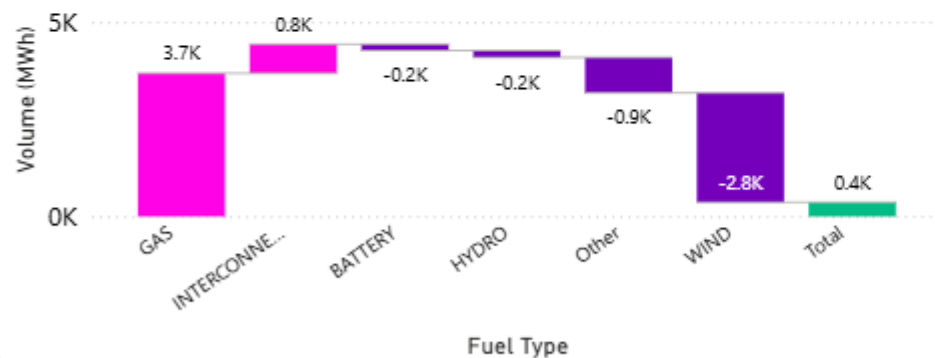
Settlement Date	Settlement Period	Approximate Cost
05/10/2026	16	£960K

Lowest Costing Settlement Period

Settlement Date	Settlement Period	Approximate Cost
06/10/2026	47	-£15K

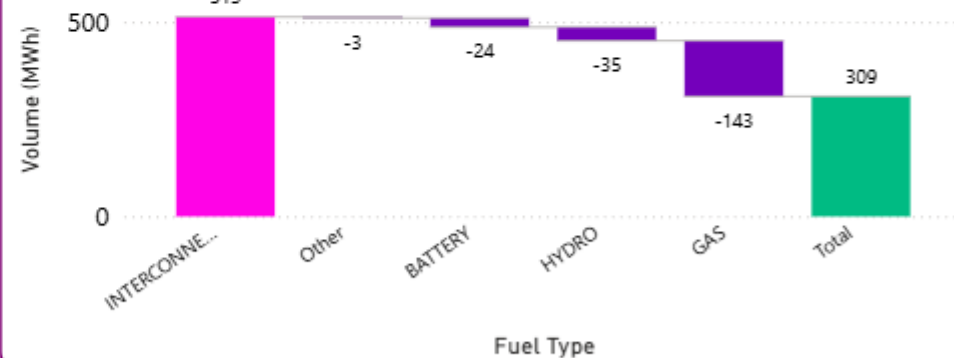
Volume of Actions by Fuel Type

● Increase ● Decrease ● Total



Volume of Actions by Fuel Type

● Increase ● Decrease ● Total



Volume shown here is the net volume of actions taken, showing overall increase or decrease in generation from BM units of these fuel types.

NESO Actions | Settlement Periods of Interest

Slido code #OTF

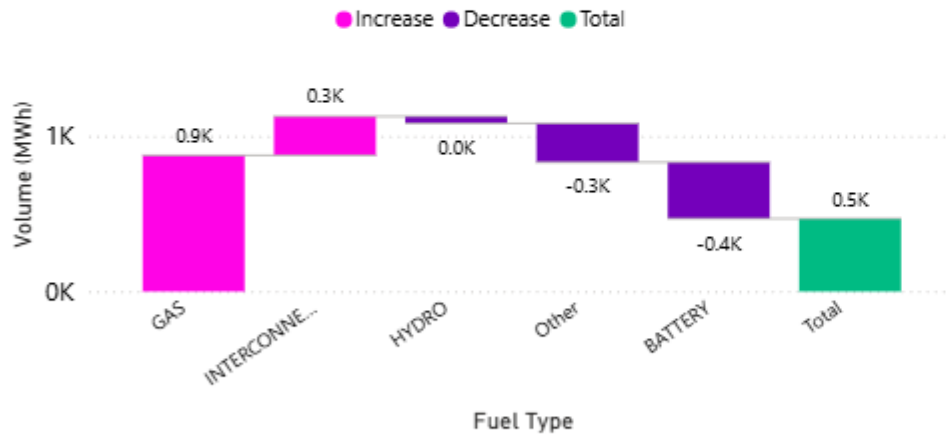
Highest Demand Period

Settlement Date	Settlement Period
07/10/2026	38
Demand (MW)	Approximate Cost
39K	£220K

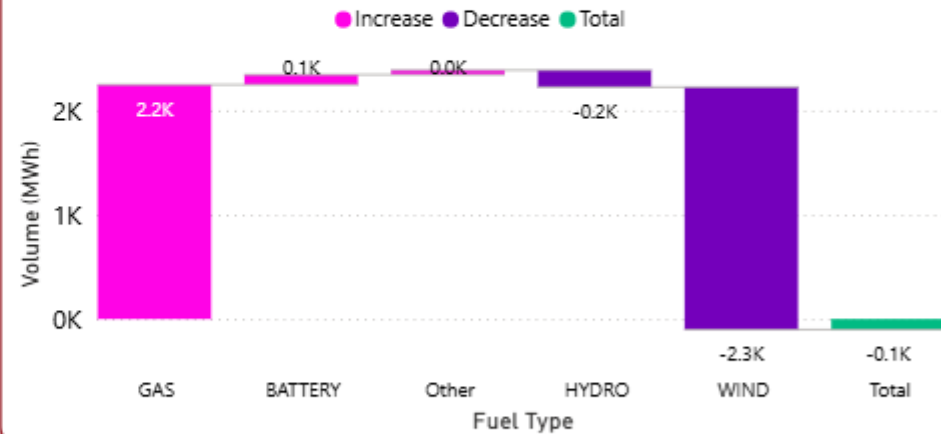
Minimum Demand Period

Settlement Date	Settlement Period
04/10/2026	10
Demand (MW)	Approximate Cost
19K	£510K

Volume of Actions by Fuel Type



Volume of Actions by Fuel Type



Volume shown here is the net volume of actions taken, showing overall increase or decrease in generation from BM units of these fuel types.

NESO Actions | Highest Costing Day

Slido code #OTF

Share of Action Cost Spend

● BID ● OFFER



Settlement Date
05 October 2026

Cost (£m)
£30.13

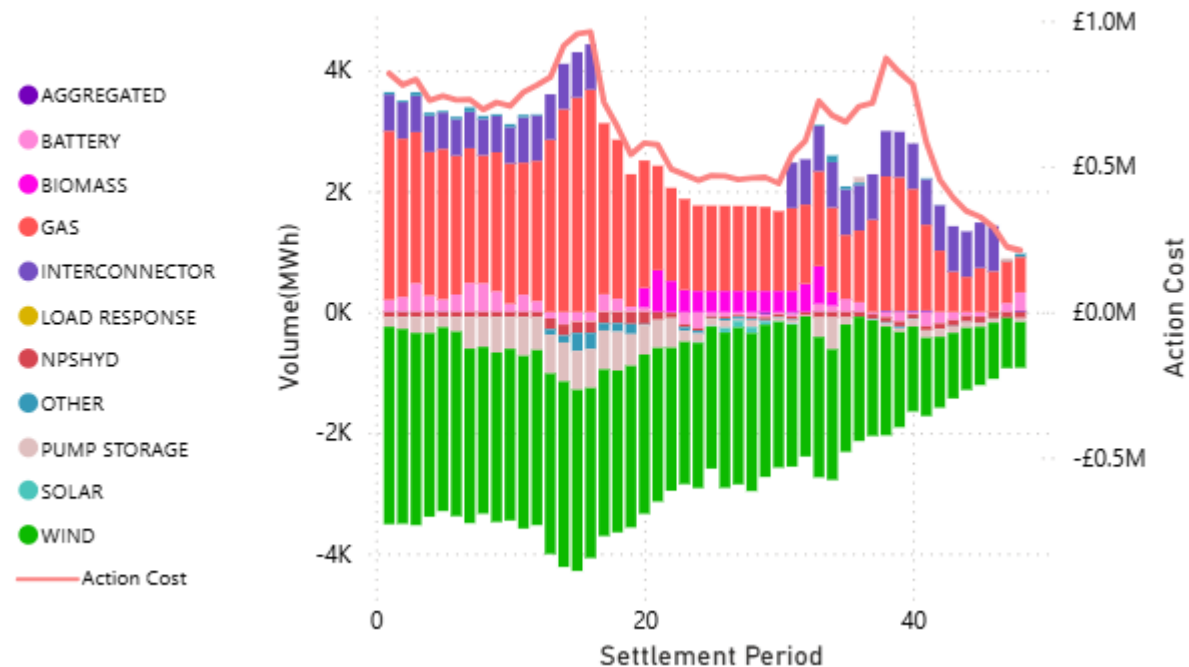
Bid Spend (£) by GSP



Offer Spend (£) by GSP

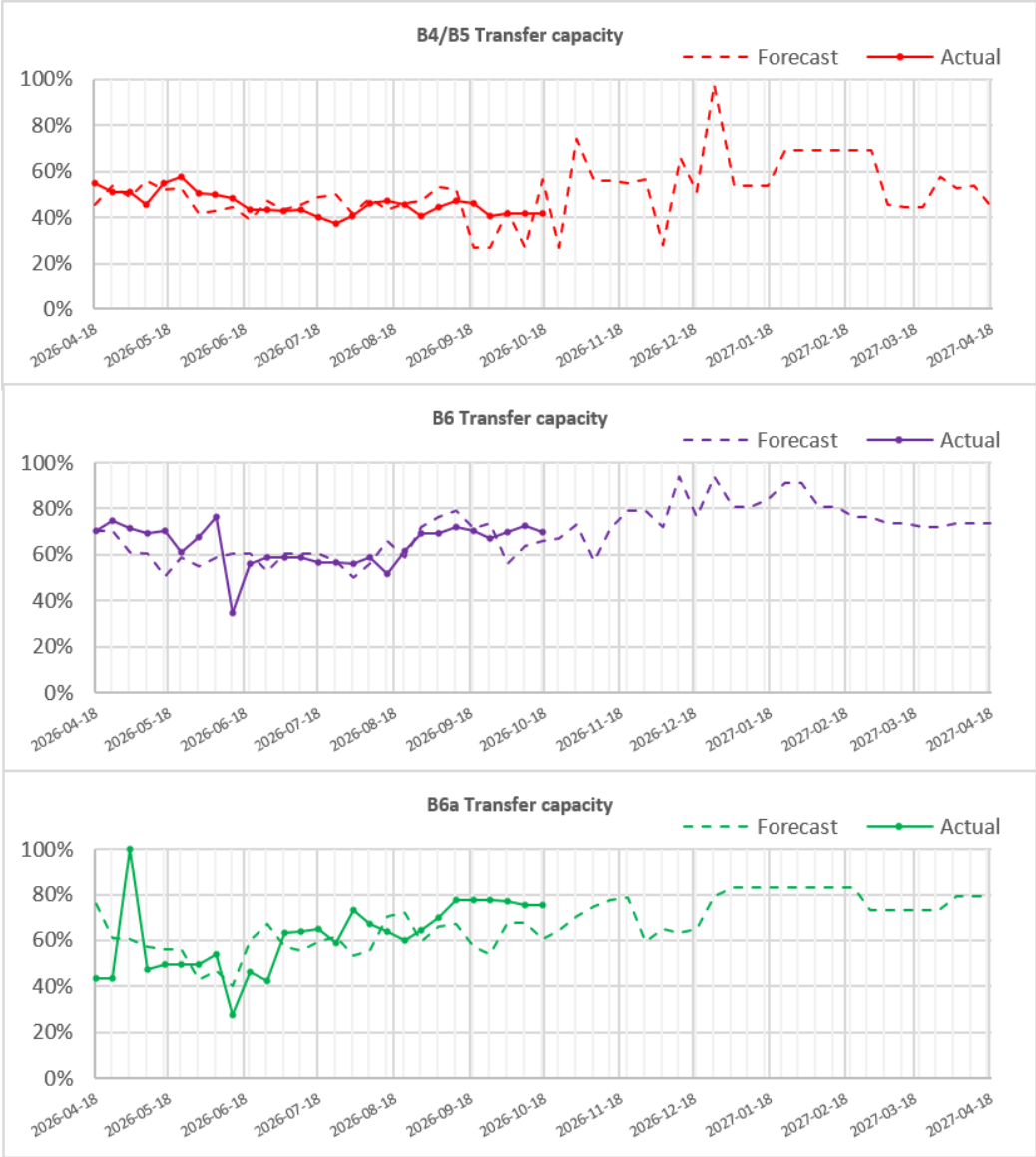


Action Cost and Volume



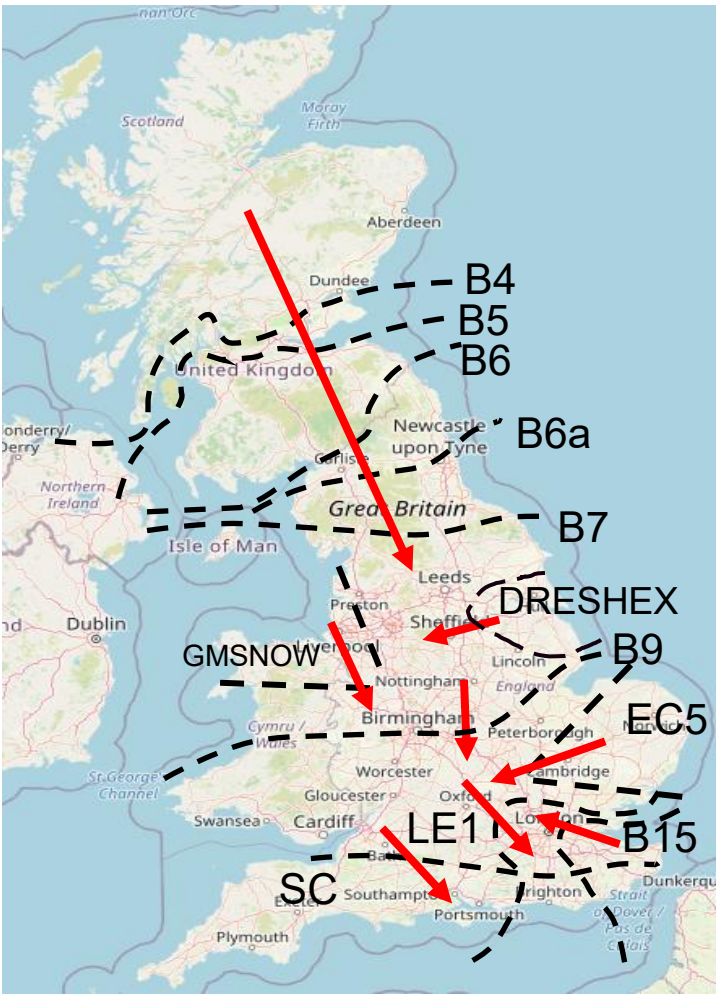
Transparency | Network Congestion

Slido code #OTF



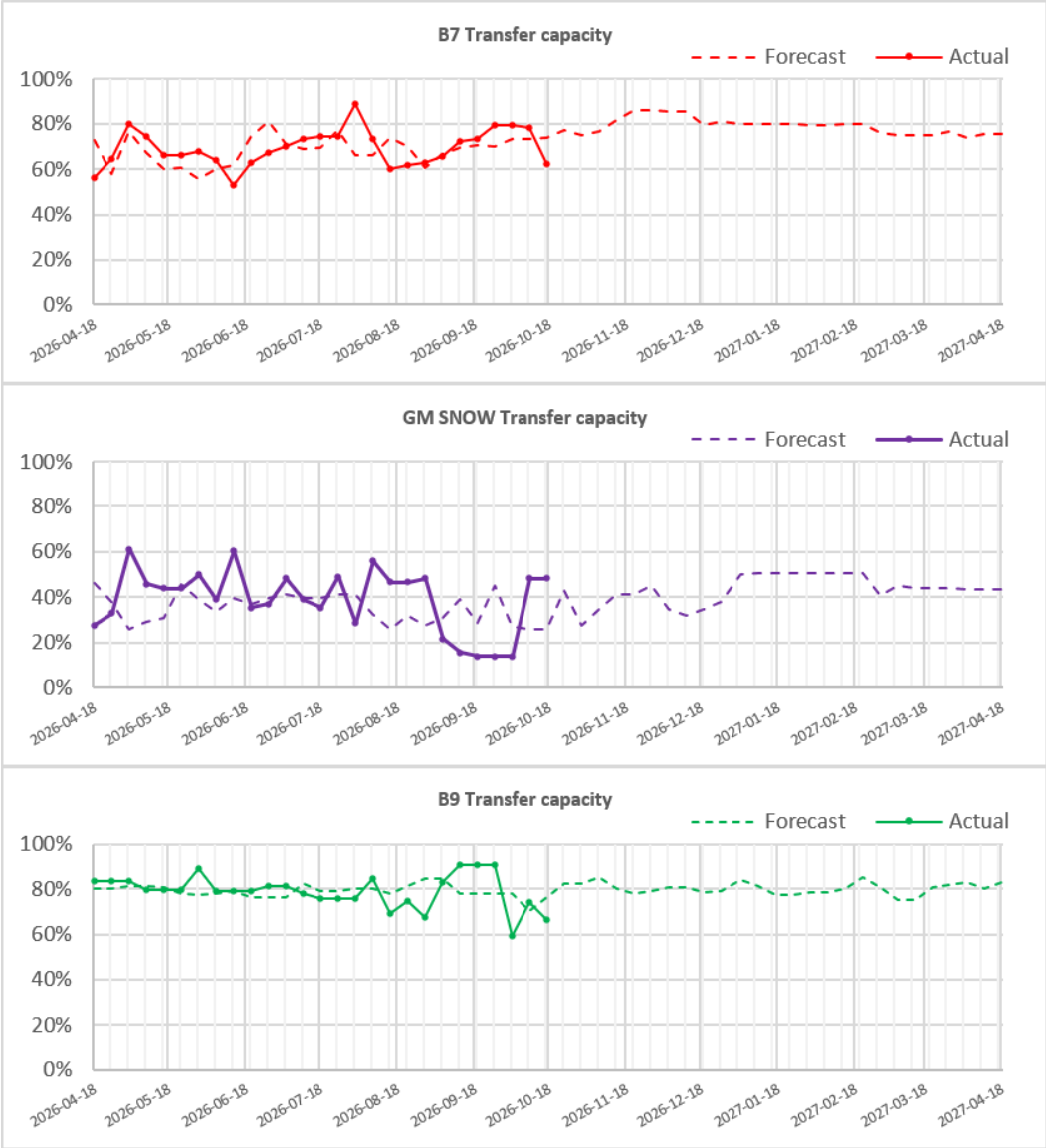
Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	42
B6 (SCOTEX)	6800	70
B6a	8000	76
B7 (SSHARN)	9850	62
GMSNOW	5800	48
FLOWSTH (B9)	12700	66
DRESHEX	9675	68
EC5	5000	100
LE1 (SEIMP)	8750	65
B15 (ESTEX)	7500	100
SC1	7300	100

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.

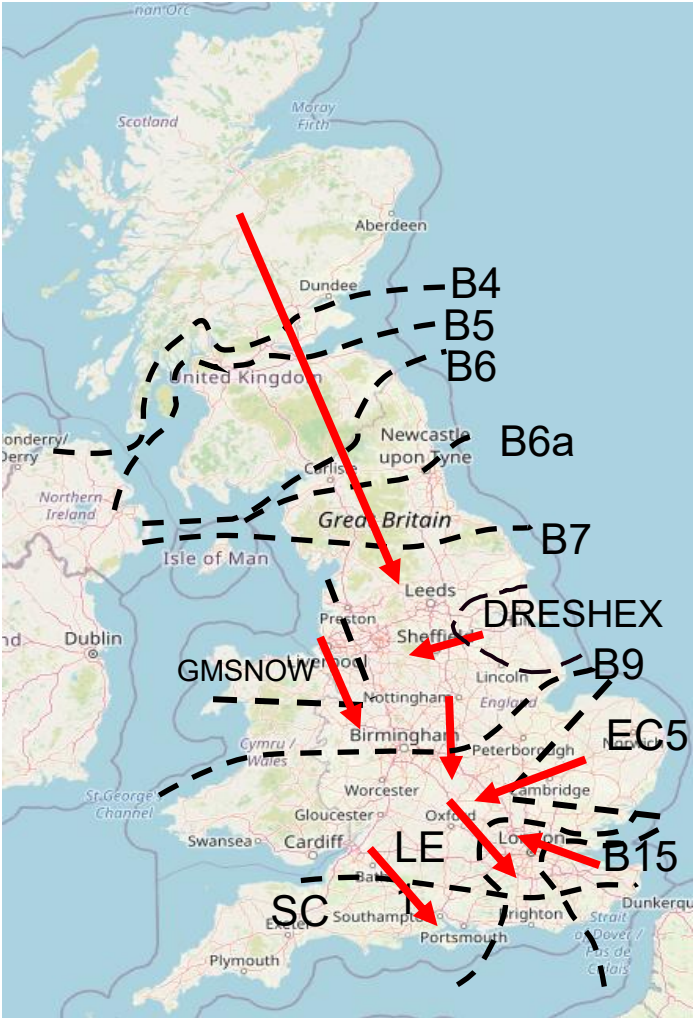


Transparency | Network Congestion

Slido code #OTF



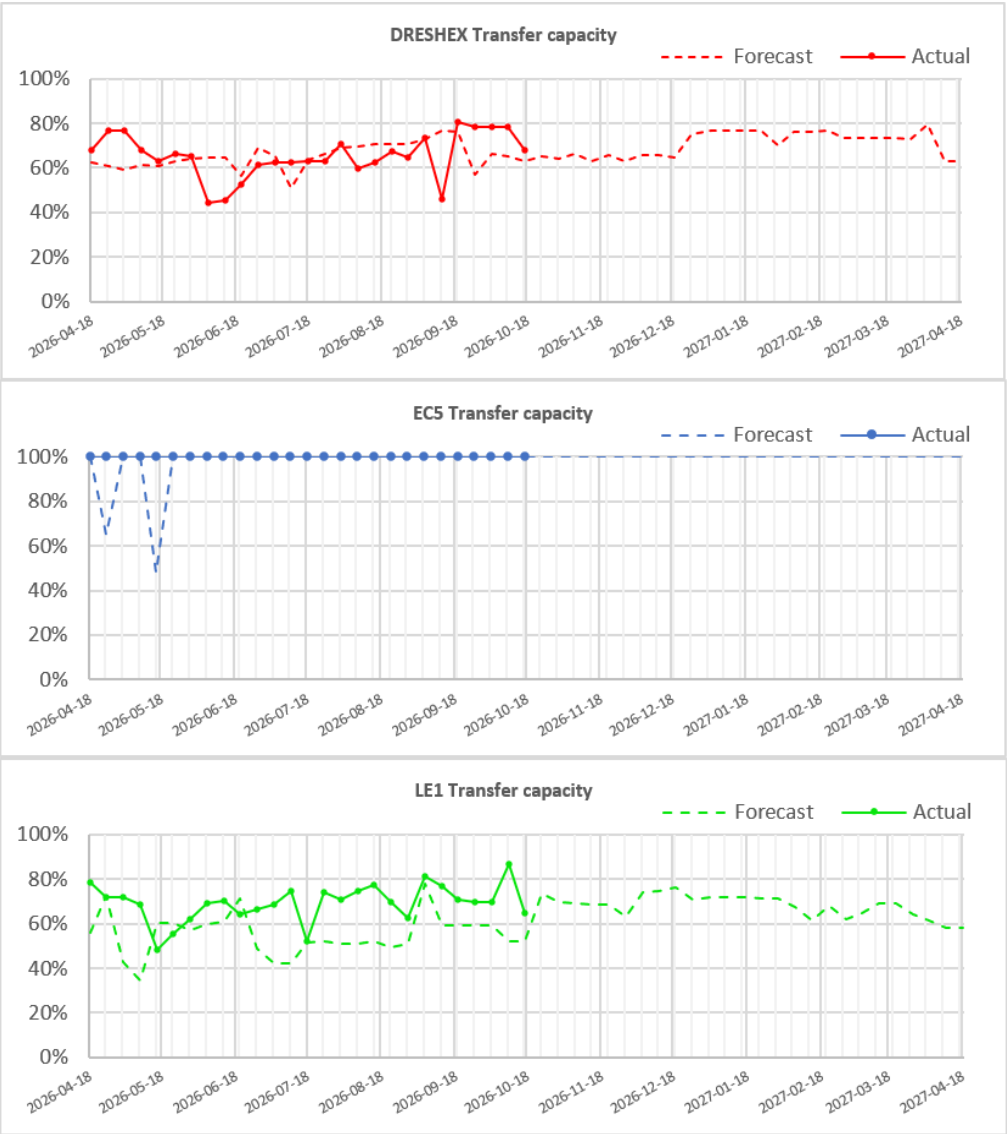
Boundary	Max. Capacity (MW)	Current Capacity (%)
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B6a	8000	76
B7 (SSHARN)	9850	62
GMSNOW	5800	48
FLOWSTH (B9)	12700	66
DRESHEX	9675	68
EC5	5000	100
LE1 (SEIMP)	8750	65
B15 (ESTEX)	7500	100
SC1	7300	100



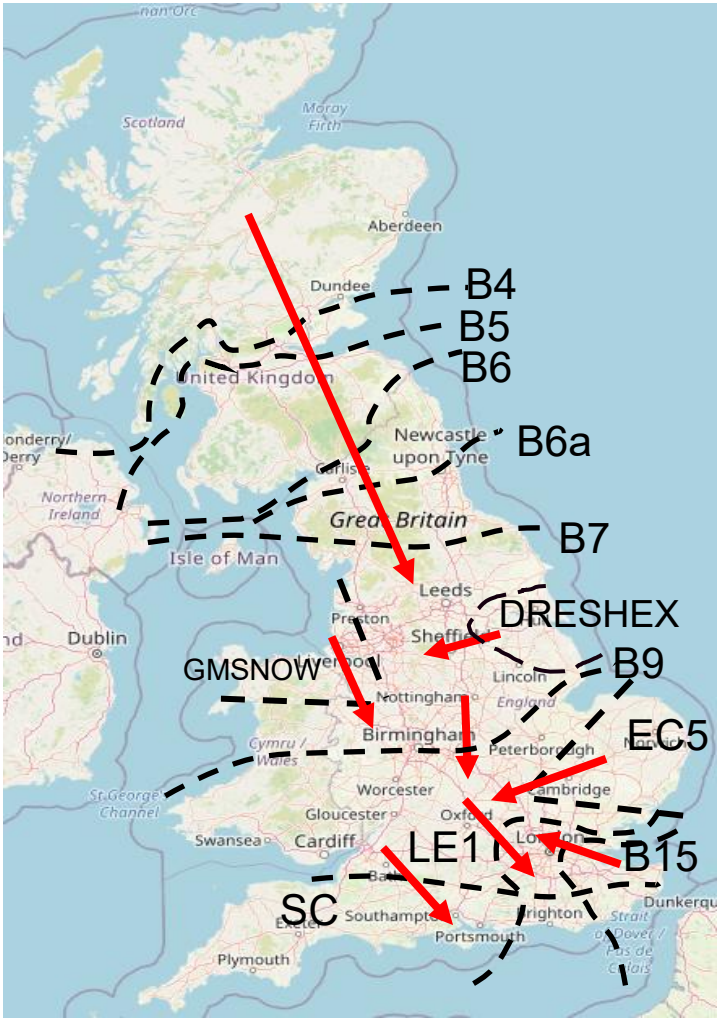
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Transparency | Network Congestion

Slido code #OTF



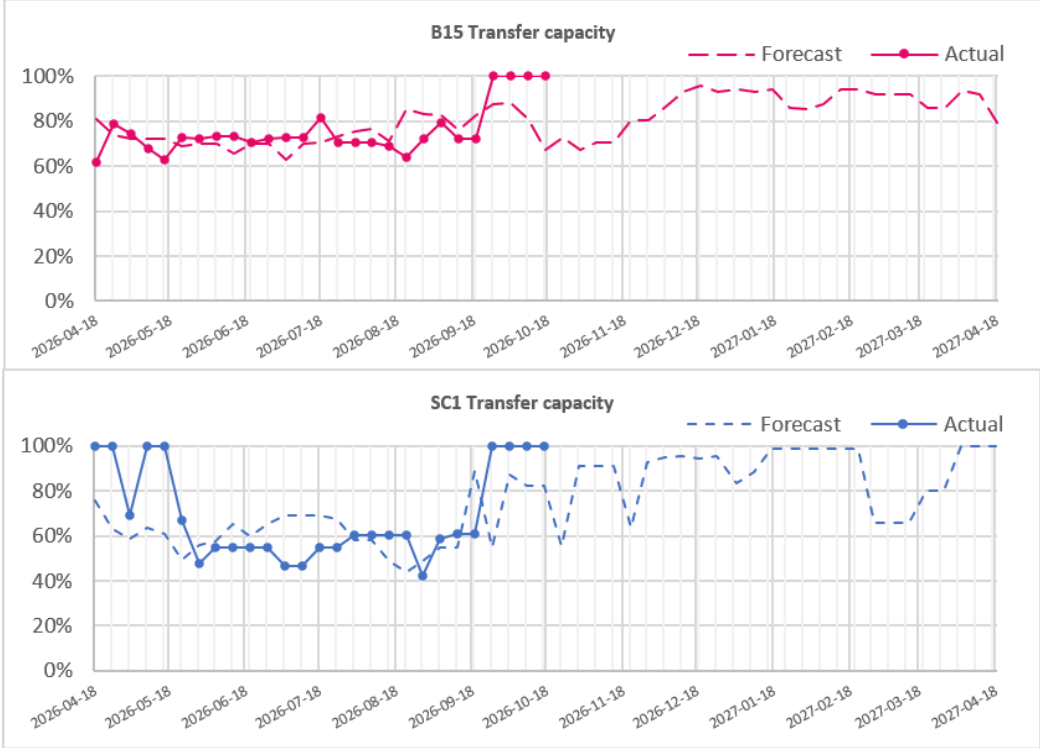
Boundary	Max. Capacity (MW)	Current Capacity (%)
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GMSNOW	5800	48
FLOWSTH (B9)	12700	66
DRESHEX	9675	68
EC5	5000	100
LE1 (SEIMP)	8750	65
B15 (ESTEX)	7500	100
SC1	7300	100



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.

Transparency | Network Congestion

Slido code #OTF

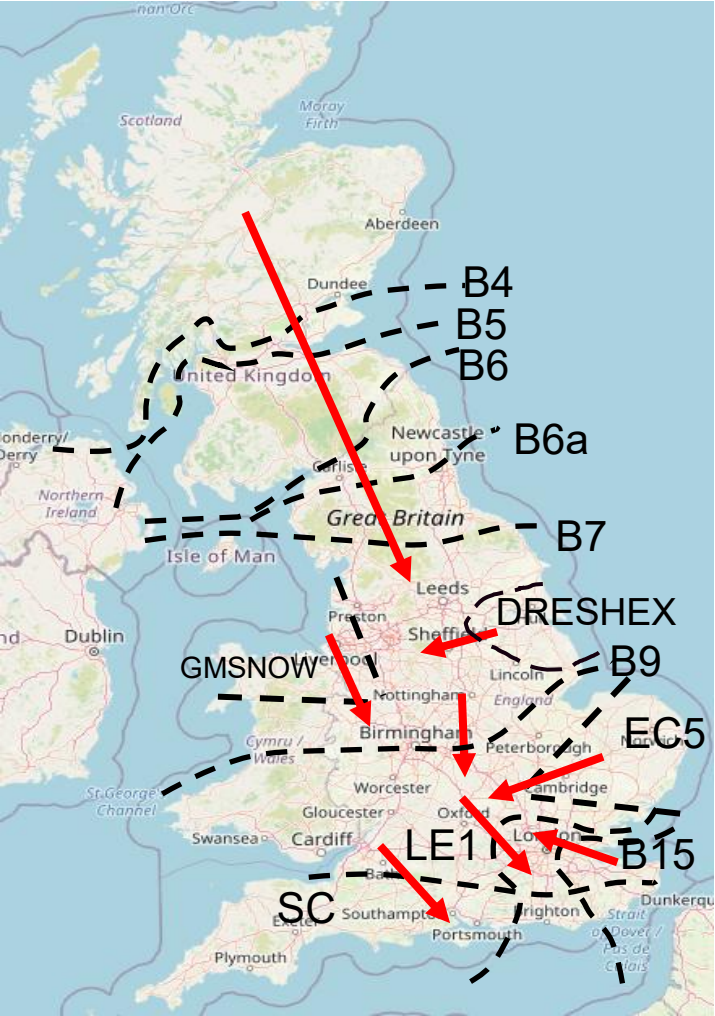


The forecast line is updated with the 12-week ahead view, and this happens each week. So, everything up to 12 weeks ahead is the forecast from 12-week ahead view, and everything after that is the fixed long-term forecast view.

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

The dataset presented in the Network congestion is published on the NESO data portal . [Operational Transparency Forum – Network congestion data | National Energy System Operator](#)

Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	42
B6 (SCOTEX)	6800	70
B6a	8000	76
B7 (SSHARN)	9850	62
GMSNOW	5800	48
FLOWSTH (B9)	12700	66
DRESHEX	9675	68
EC5	5000	100
LE1 (SEIMP)	8750	65
B15 (ESTEX)	7500	100
SC1	7300	100



(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.

Energy Skip Rates – Bids & Offers Combined

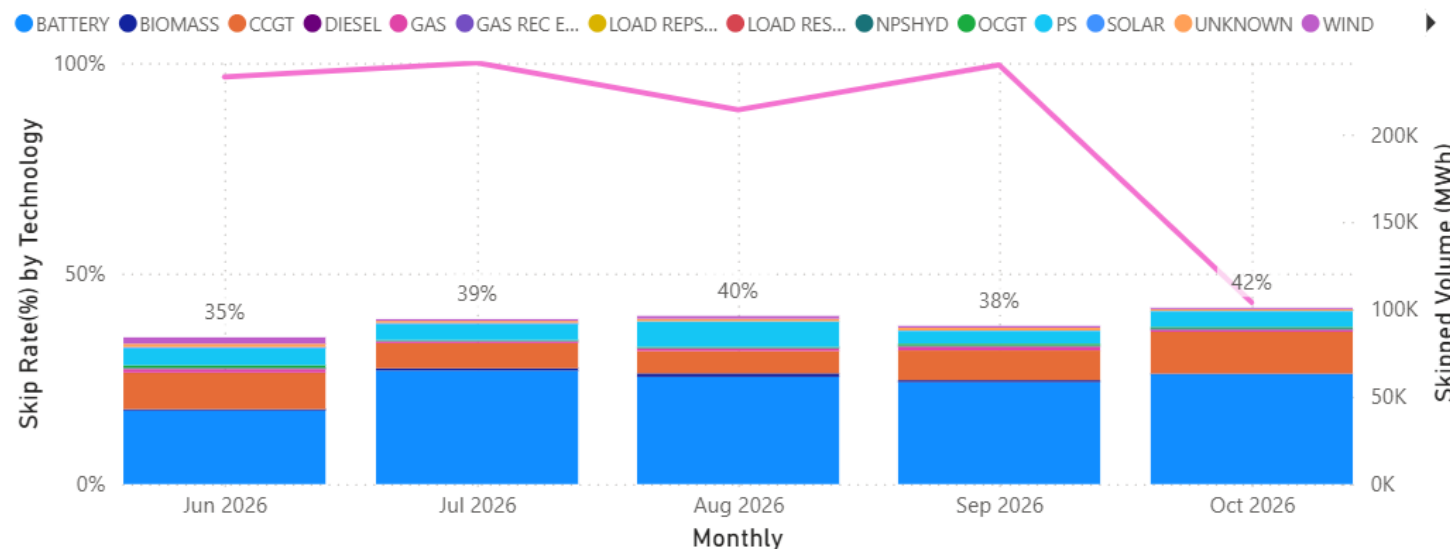
Slido code #OTF

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 (%)
20/09	33%
27/09	38%
04/10	41%
11/10	43%

Relative Technology Skip Rate

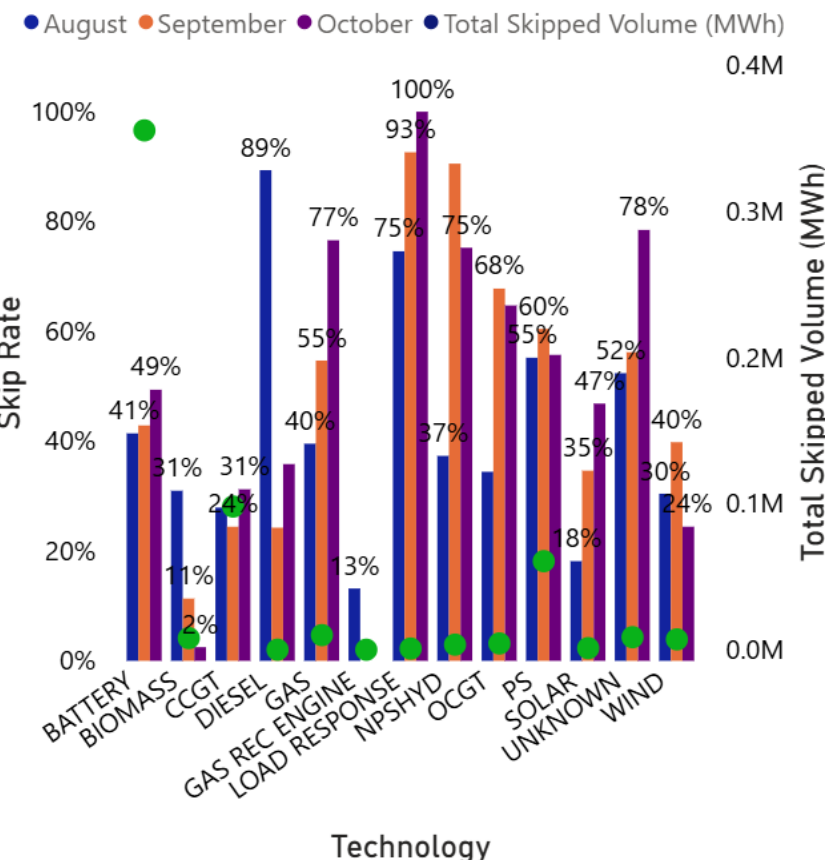


Skips behind constraints [webinar recording](#) and [powerpoint slides](#)

Contact us on box.SkipRates@neso.energy

[Skip rate data](#) and more info on [skip rates](#) including methodology can be found on our website

Technology Specific Skip Rate – last 3 months

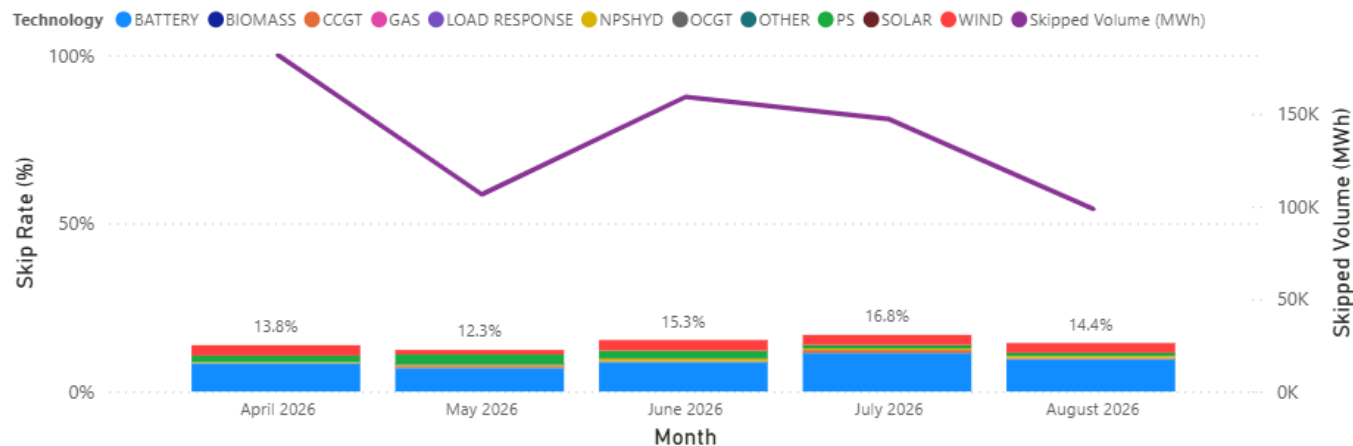


Gas: Gas reciprocating units
NPSHYD: Non-Pumped Storage Hydro
PS: Pumped Storage

Constraints Skip Rate- Bids & Offers Combined

Slido code #OTF

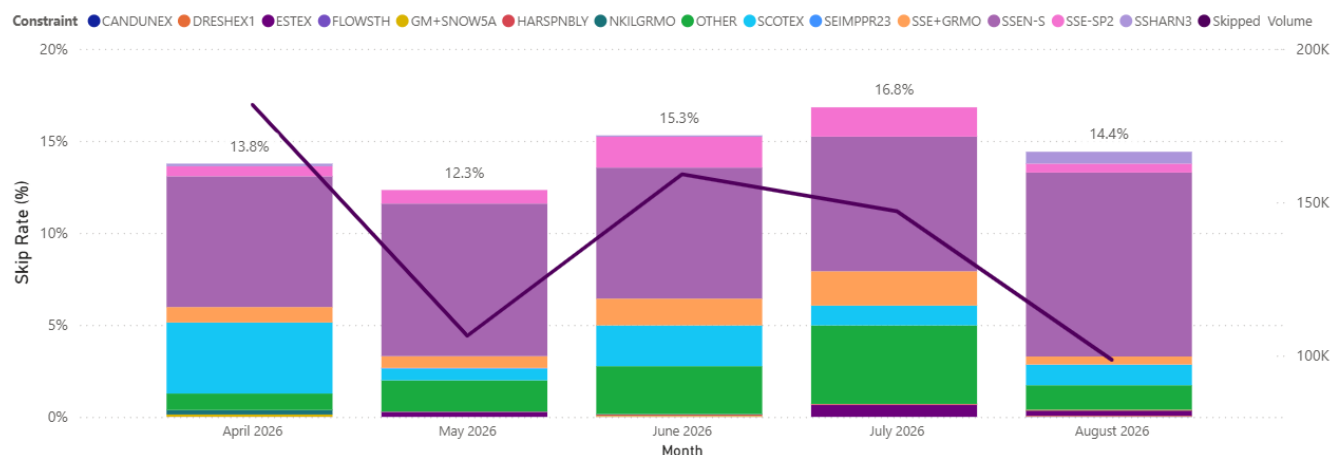
Relative Technology Skip Rate



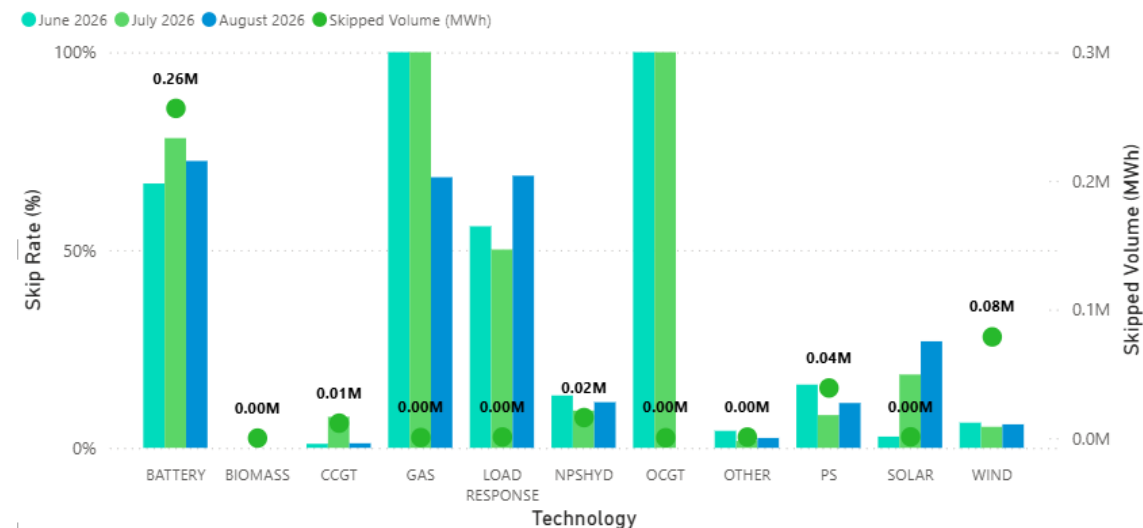
Monthly Average	Skip Rate (%)
May	12%
June	15%
July	17%
August	14%

Datasets are published monthly, once the relevant month is complete

Relative Constraint Skip Rate



Technology Specific Skip Rate – last 3 months



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

Skips behind constraints [webinar recording](#) and [powerpoint slides](#)
Contact us on box.SkipRates@neso.energy

24 Skip rate data and more info on [skip rates](#) including methodology can be found on our website

Previously Asked Questions

Slido code #OTF

Advance Q (24.09.26): I recently asked an advanced question on the OTF session on 23rd Sept. See below for my question and your response.

Advance Q (16.09.26) : Following on from Jonathan Leake's OTF question on 9/9/26, I note that the constraint costs for April, May and June 2025 for England & Wales, Cheviot and Scotland (as shown in the MBSS dataset) are missing. Why have they not been published? <https://www.neso.energy/industry-information/balancing-costs>

A: We've checked this and can't see any missing constraint costs for those months and region categories in the MBSS dashboard & dataset. Kindly confirm which dataset/reports seem to be missing at your end. Please send us an email in our box.nc.customer@neso.energy if you still can't see the dataset for the mentioned months.

I see that the data can be found on the balancing costs dashboard, just above the list of available MBSS datasets on your Balancing Costs page.

However, when going to the subsection titled 'MBSS archive' (see below) and clicking on "Monthly balancing Services Summary 2024/2025", this zip file does not show the latest available spreadsheet, with the latest titled 'MBSS Data March 2025'.

[Screenshots provided]

MBSS archive	
	Name
2025 Annual Balancing Costs Report	Monthly Balancing Services Summary (MBSS) 2024/2025
Monthly Balancing Cost Reports	Monthly Balancing Services Summary (MBSS) 2023/2024
Work to Improve Information Accuracy	Monthly Balancing Services Summary (MBSS) 2022/2023
2024 yearly balancing costs report	Monthly Balancing Services Summary (MBSS) 2021/2022
Balancing Costs Winter Report 2024/25	Monthly Balancing Services Summary (MBSS) 2020/2021
Balancing Costs Summer Report 2024	Monthly Balancing Services Summary (MBSS) 2019/2020
Balancing Costs Winter Report 2023/24	
Clean Energy Package 2023	
Daily balancing costs	
Balancing market review 2022	
Daily balancing costs archive	
MBSS	
MBSS archive	

Name	Region	Format	Size	Date
MBSS Data January 2025	England & Wales	Excel	10.1 KB	24/09/2025 11:00
MBSS Data February 2025	England & Wales	Excel	10.1 KB	24/09/2025 11:00
MBSS Data March 2025	England & Wales	Excel	10.1 KB	24/09/2025 11:00
MBSS Data April 2025	England & Wales	Excel	10.1 KB	24/09/2025 11:00
MBSS Data May 2025	England & Wales	Excel	10.1 KB	24/09/2025 11:00
MBSS Data June 2025	England & Wales	Excel	10.1 KB	24/09/2025 11:00
MBSS Data July 2025	England & Wales	Excel	10.1 KB	24/09/2025 11:00
MBSS Data August 2025	England & Wales	Excel	10.1 KB	24/09/2025 11:00
MBSS Data September 2025	England & Wales	Excel	10.1 KB	24/09/2025 11:00
MBSS Data October 2025	England & Wales	Excel	10.1 KB	24/09/2025 11:00
MBSS Data November 2025	England & Wales	Excel	10.1 KB	24/09/2025 11:00
MBSS Data December 2025	England & Wales	Excel	10.1 KB	24/09/2025 11:00
MBSS Data January 2026	England & Wales	Excel	10.1 KB	24/09/2025 11:00
MBSS Data February 2026	England & Wales	Excel	10.1 KB	24/09/2025 11:00
MBSS Data March 2026	England & Wales	Excel	10.1 KB	24/09/2025 11:00
MBSS Data April 2026	England & Wales	Excel	10.1 KB	24/09/2025 11:00
MBSS Data May 2026	England & Wales	Excel	10.1 KB	24/09/2025 11:00
MBSS Data June 2026	England & Wales	Excel	10.1 KB	24/09/2025 11:00
MBSS Data July 2026	England & Wales	Excel	10.1 KB	24/09/2025 11:00
MBSS Data August 2026	England & Wales	Excel	10.1 KB	24/09/2025 11:00
MBSS Data September 2026	England & Wales	Excel	10.1 KB	24/09/2025 11:00
MBSS Data October 2026	England & Wales	Excel	10.1 KB	24/09/2025 11:00
MBSS Data November 2026	England & Wales	Excel	10.1 KB	24/09/2025 11:00
MBSS Data December 2026	England & Wales	Excel	10.1 KB	24/09/2025 11:00

A: Thank you for your follow-up query and for bringing this issue to our attention.

We have now uploaded the 2025/26 archived files to the MBSS Archive section of the NESO Balancing Costs webpage. This should now include the data for the requested period.

Please note that these files are published in the current MBSS dataset format used on the Balancing Costs webpage and dashboard, rather than the legacy format used in previous years' archived publications.

We appreciate you highlighting this omission and apologise for any inconvenience caused.

Previously Asked Questions

Slido code #OTF

Slide Q (30.09.26) Andrew Larkins: When will NESO restart inertia publication on the data portal <https://www.neso.energy/data-portal/system-inertia?>

A: We know that the industry is interested in the data that we have in the Control Centre and we strive to make our operations as transparent as possible.

That said – there had been confusion with the previous figure being published – as this did not include contribution from our stability pathfinders. Hence the review being carried out so we publish something that is comprehensive.

Slide Q (30.09.26) K Mulvany: To recap what was said today (30.09.26): the SSEP scenarios all assume CP2030 is met, and will continue to do so regardless of how likely that is. Assuming CP2030 is not met, how will the be corrected in the resulting plan and target industry will be working to?

A: The SSEP baseline comprises of the generation included in the UK Government's CP2030 Action Plan and projects which have regulatory funding. This gives certainty to investors and brings closer alignment with connections reform.

However, we recognise the SSEP must be flexible and adaptable to the complexities and uncertainties of the energy landscape. The SSEP accounts for multiple sources of uncertainty, including demand, technology costs, energy policy changes, and external factors such as weather patterns, given its 20-year planning horizon.

In developing the SSEP pathways, we carry out extensive sensitivity testing to assess how robust capacity needs are under a range of key parameters that could change over the period. This assessment will be communicated to the UK Energy Secretary to inform their decision on the preferred pathway.

The SSEP will also be updated on a three-yearly basis. The scope of future iterations of the SSEP will be developed in conversation with government bodies. In doing that the balance between the need for continuity for investors and developers, and the flexibility to ensure the process reacts to changes in the market and technological developments will need to be considered.

Previously Asked Questions

Slido code #OTF

Advance Q (30.09.26): Skips behind constraints – the constraint boundaries do not read across (well not me!) to the boundaries in the constraints data before it. For example what is SSE-SP2? Can we have a list?

A: Thank you for the feedback. We have aligned the skip rate constraint boundaries with the boundaries that are published in the Day-Ahead Constraint flows and limits dataset which can be found [here](#), alongside network diagrams showing the boundaries.

Here is the lookup between the constraint boundaries slides and the skip rate slides:

Skip Rate Dataset	Network Congestion Boundary
SSE-SP2	B4/B5
SCOTEX	B6
SSHARN3	B7
GMSNOW	GMSNOW
FLOWSTH	B9
DRESHEX	DRESHEX
EC5	EC5
LE1 (SEIMP)	LE1
B15 (ESTEX)	B15
SC1	SC1

Previously Asked Questions

Slido code #OTF

Advance Q (01.10.26): With regards to the information published here - <https://www.neso.energy/data-portal/day-ahead-constraint-flows-and-limits>

The references in the constraint data information “Day Ahead Constraint Flows and Limits” (CSV) do not exactly match the constraint data shown on the network diagrams “Network Diagram England & Wales” and “Network Diagram Scotland” (PDFs).

For example (CSV first, PDF second):

SSEN_S vs SSE N-S

SSE_SP2 vs SSE – SP2

SSE_GRMO vs SSE + GRMO

GM_SNOW5A vs GM+SNOW5A

Will NESO standardise the naming conventions across these three documents and provide a deadline for completing this?

A: These names have had to be changed in the datasets to prepare for an upcoming, mandated change in the Data Portal systems which limits the special characters that can be used, hence underscores replacing + which remains the standard way of referring to the boundaries.

We will update the data portal descriptions to make this clear.

Previously Asked Questions

Slido code #OTF

Advance Q (01.10.26): Regarding the information published here – <https://www.neso.energy/data-portal/day-ahead-constraint-flows-and-limits>

The GALLEX boundary referenced in “Day Ahead Constraint Flows and Limits” (CSV) is not shown in either Network Diagram (PDF). Can NESO please update the Networks Diagrams to include it and provide a deadline for doing so.

A: We will reinstate the previous diagram containing the GALLEX boundary and aim for completion by the 23/10/2026.

Advance Q (01.10.26): Are there any other constraint boundaries that are missing from the Network Diagrams PDFs published here – <https://www.neso.energy/data-portal/day-ahead-constraint-flows-and-limits>?

A: The data set primarily focuses on the main constraint boundaries on the system, which, when active, contribute to a significant proportion of the constraint costs. We try to align with the boundaries published in the ETYS and those discussed at the weekly OTF presentation. There are a number of other constraints that are only active under certain outage conditions/generation or demand scenario's, and these can change on a day-to-day basis.

Advance Q (02.10.26): Can further clarification be given on last week's question regarding the interconnector trading restrictions when the day ahead nomination is exactly zero? How do the flows in the hours preceding and following the 0 MW nomination affect the restrictions? Does an import nomination in the hour preceding/following the 0 MW nomination mean the 300MW limit does not apply? What about if the nomination is also exactly 0 MW in the hours preceding/following?

A: This situation is unlikely as it requires the prices to be equal on both sides of the interconnector, and if NESO require to trade above 300MW, we would discuss with TSOs. For clarity the flow either side of this 0MW position would help signal how the TSO might respond.

Previously Asked Questions

Slido code #OTF

Slide Q (07.10.26) Michael Langdon Davies : Are you concerned with wind units submitting high priced bids which don't seem to make economic sense, unless you assume they have overstated their FPNs to avoid buying power back in the intraday market?

A: We expect generators to comply with their license conditions. If there are any concerns, please get in touch at box.nc.customer@neso.energy

Slide Q (07.10.26) Andrew Allan: On the EMN questions slide, you skipped over the first one which was not related to EMNs – rather assumptions about CP30 and SSEP. Can you address this today?

A: Thank you for bringing this to our attention. We will provide a response to the separate query.

Outstanding Questions

Advance Q (30.09.26): Today (30.09.26) the presenter doing the demand slides was talking about c30GW of demand, but the tables do not show that. What is the difference – are they adding on the wind and solar output to give what the underlying demand is? If so can that we added a column with that?

Advance Q (01.10.26): Are there any other constraint boundaries that are missing from the Network Diagrams PDFs published here – <https://www.neso.energy/data-portal/day-ahead-constraint-flows-and-limits?>

Advance Q (01.10.26): Does NESO agree that the Network Diagram for Scotland (PDF) available here <https://www.neso.energy/data-portal/day-ahead-constraint-flows-and-limits> is missing the following substations and associated circuits shown in Appendix A of the ETYS (<https://www.neso.energy/document/383931/download>)?:

KILGALLIOCH, MARK HILL, ARECLEOCH, DUNHILL, BLACKHILL, GLENGLASS, BENBROCK and BLACKCRAIG.

Can NESO please explain how the Network Diagram is missing these circuits and substations?

Can NESO please state if any other circuits and substations are missing from the Network Diagrams for Scotland and/or England and Wales?

Outstanding Questions

Slido code #OTF

Advance Q (06.10.26): As a result of questions submitted to NESO on the ETYS on 20 August, NESO is still making corrections to errors identified in the ETYS, including information on boundary capabilities and flows; and diagrams in Appendices A & C. Can NESO please agree to publish immediately a holding statement on the ETYS web page noting the work in progress and explaining the corrections being made?

Slido Q (07.10.26) Hamidreza Jahangir: Yesterday, during the evening peak, in BM, NESO activated three expensive CCGTs at prices above £980/MWh and covered the remaining part of the BM Offer stack with BSADs. Was there a specific reason for selecting these high-priced assets while skipping other available units?

Slido Q (07.10.26) Eleanor Haynes : I note NESO has started to refer to EMNs as 'routine' tools now, whereas previous comms from NESO on EMNs (even earlier in the summer) did not say 'routine' – has NESO changed its approach this year?

Previously Asked Questions (EMN)

Slido code #OTF

Q (30.09.26) Matthew James: Noting the Monday EMN, there have now been 5 EMNs in the last 4 months. The last EMN before that was January 2025. Is the system becoming less secure?

Q (30.09.26) Lisa Waters: What caused the EMN?

Q (30.09.26) Milo Karter: Do NESO think it is problematic that there have been 5 EMNs in the last 5 months, when the previous 5 took over 5 years to occur. Given that there has been unused GB plant in 3/5 of these EMN's. Has the threshold for a EMN being enacted been reduced, potentially to unlock additional IC headroom?

Q (30.09.26) Matthew James: On 3 of the last 4 EMNs 2.5GW of IC trades occurred, more than the 1.5GW of IC trades in the new IC trading limits. These days had spare GB CCGT, small & large (250MW+) OCGT's. Shouldn't these be used ahead of IC trades? The limits were created to stop NESO using EU MW when spare GB capacity exists?

Q (30.09.26) Natasha Ranatunga: When is the EMN deep dive scheduled for?

Previously Asked Questions (EMN)

Slido code #OTF

Q (30.09.26) Lisa Waters: Surprised you were not ready to answer the EMN questions.

Q (12.10.26) : There have been two emergency assistance actions in the past few days, alongside several EMNs over recent weeks. These are unusual interventions given the seemingly normal system conditions. Have recent changes to NESO's operational processes or forecasting capabilities affected its ability to accurately forecast and manage the system?

In addition, as raised at previous Ops Forums, the use of emergency assistance can have a significant impact on cashout prices and, consequently, market participants' cashflows.

You have previously stated that the price of these trades cannot be known until after the event. However, if the assisting system operator — RTE in this instance — indicates that prices are likely to be exceptionally high, surely alternative options would be explored? So there must be a process of price exploration?

There must be a way to provide indicative pricing in real time, even if only as an estimate or range. Without this transparency, market participants are left trading with significant uncertainty around the potential impact on cashout prices, undermining the market's ability to function efficiently

Previously Asked Questions (To be covered via Margins deep dive)

Slido code #OTF

Q (01.07.26) Chris Bocock: Please could you give us an idea of the capacity numbers involved in the response to the EMN? If possible, I'd like to know the absolute and relative contribution of the demand side response he mentioned. Thank you

Q (01.07.2026) Advance: The extreme weather across Europe in the week beginning 22 June was well forecast. From that the challenges of reduced wind, gas, and nuclear power output should have been forecast. So, I'm very surprised that "[when] we approached real time, models moved from using forecasts for interconnector flow to using nominated flows from day ahead auctions" and that led to amber then red margin status, a frequency deviation, and an interconnector emergency instruction. What work is NESO going to undertake to ensure your margin forecast model does not fail to predict reduced margin in these conditions, well ahead of real time, when they next occur?

Q (01.07.26) Milo Karter: On 26/06 NESO issued an EMN until 21:00 despite soft margins and spare CCGT in the stack. It had already procured 1,500MW on ICs, then cut EMN shortfall to 100MW while requesting another 100MW IC. Was the EMN ready to enable more IC MW procurement cheaper than GB, not because NESO lacked margin?

Q (01.07.26) Milo Karter: Would providing a DRM with the inclusion of constraints provide a better reflection of how tight the system is from a control room perspective. The questions today suggest that the last 3 EMNs have not made any sense to the market given a near 10GW DRM on each EMN.

Q (15.07.26) Lisa Waters: Under the recent EMNs NESO was taking over 500MW out of the margin as it was constrained off. 500MW is the fixed CMN margin trigger. Does NESO think we need to review the CMN trigger to account for constrained off margin?

Previously Asked Questions (To be covered via Margins deep dive)

Slido code #OTF

Q (15.07.26) Alistair Abbott: Are you able to share the causes behind the latest EMNs? The LoLP on Elexon shows that for EMN notice period last Thursday (09/07), the lowest margin forecast was 5.9GW, slightly greater than the margin forecast on Wednesday (08/07), yet this period had no EMN. Thank you.

NESO OTF Q&A Guidelines

- **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

① Start presenting to display the audience questions on this slide.

Send us your feedback..

Using the poll in Sli.do after the event.

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

Appendix

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)

Skip Rates – ‘In Merit’ datasets

Slido code #OTF

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.

$\text{In Merit Volume} = \text{Accepted Volume} + \text{Skipped Volume}$

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).