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- Click 'Turn on live captions'

NESO Operational Transparency Forum

26 November 2025

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 do not edit or update your questions after submission** as this may result in us answering the first version only. To get the answer you need feel free to submit the revised version as a new question.
- **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@neso.energy
- **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@neso.energy

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)

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

NESO National Energy System Operator

Future deep dive / focus topics

Slido code #OTF

Today's Deep Dive/Focus Topics

n/a

Future

Update on Enabling Demand Flexibility Side and Route to Markets Review – 10th December 2025

Balancing Costs: November costs – 17th December 2025

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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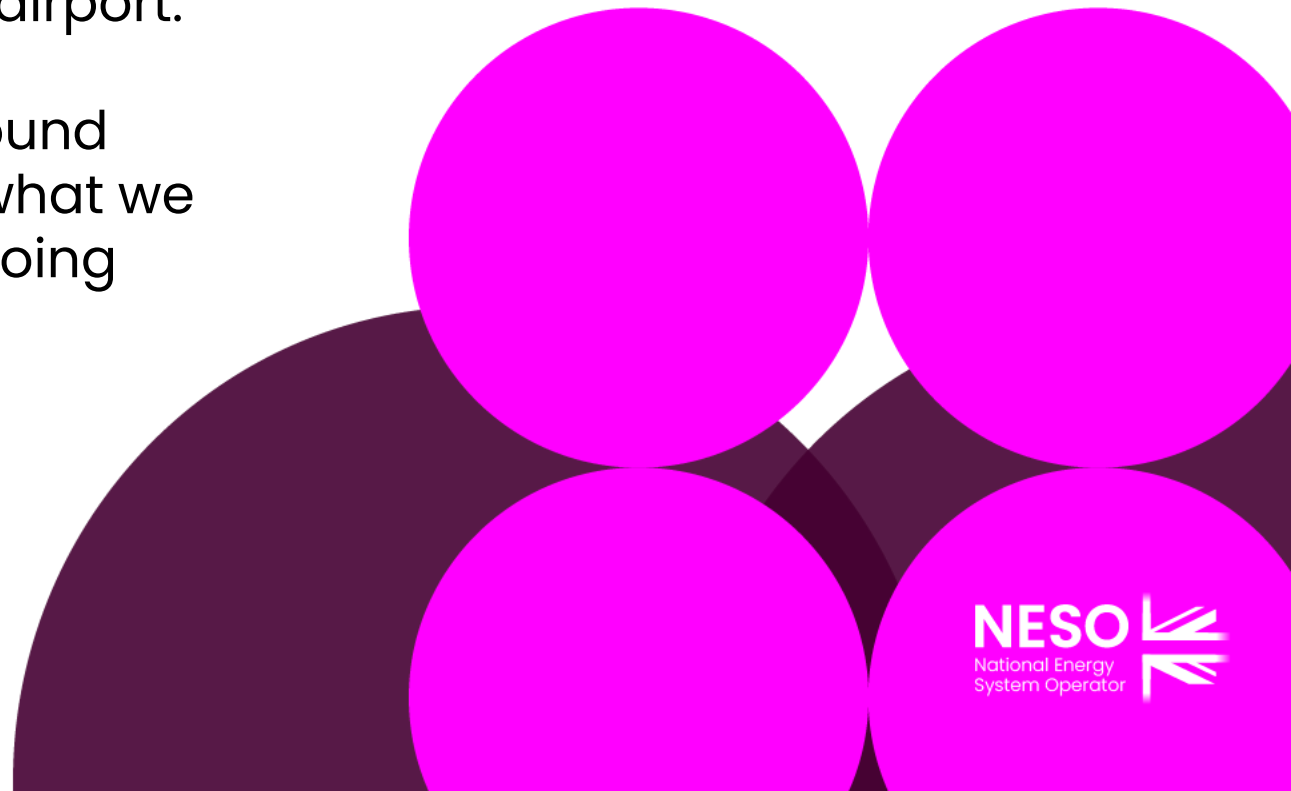
North Hyde Review Webinar

On 28 November at 10am, you can join our webinar to hear about our review into the North Hyde Substation outage which took place on 20 March and led to over 70,000 customers and businesses losing power, and the closure of Heathrow airport.

REGISTER HERE

During the webinar, we'll cover the background behind the review, the approach we took, what we found and discuss the value it will deliver going forward.



Slido code #OTF

C9 Annual Review: Informal Consultation published

NESO has launched an informal consultation on proposed changes to five C9 Licence statements under the Electricity System Operator (ESO) Licence Condition C9: Procurement and Use of Balancing Services. The C9 statements are:

- The Procurement Guidelines Statement (PGS)
- The Balancing Principles Statement (BPS)
- System Management Action Flagging Methodology (SMAF)
- Applicable Balancing Service Adjustment Data Methodology Statement (ABSVD)
- The Balancing Services Adjustment Data Methodology Statement (BSAD)

This informal consultation is not a licence requirement but aims to gather early industry feedback to shape the official C9 consultation, which is mandated by the ESO Licence to run for a minimum of 28 days.

All consultation documentation is located on the C9 Webpage within 2026-2027 C9 Consultations folder.

Responses should be submitted using the Appendix C - C9 Informal Consultation Response Proforma and emailed to **box.EFTConsultations@neso.energy** by **5pm 8 December**.

Webinar: Dispatch Transparency

Please join us for an update from our Dispatch Transparency Programme, which is addressing skip rates:

Mon 15 Dec 11:00-12:00

Grid Code modification GC0166 – Data deep dive

For those interested in storage optimisation

Register

There will be opportunities to ask questions in both parts. If possible, please send your questions in advance to box.SkipRates@neso.energy.

The content will be published afterwards on our Skip Rates webpage.

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Response Reform Consultations Launch

Dynamic Response 2025 Consultation

The Dynamic Response changes aim to boost operational efficiency, improve performance monitoring, and enhance penalty processes to ultimately strengthen energy security, improve competition, and provide better value for money.

More details available here.

Static Firm Frequency Response 2025 Consultation

Changes designed to encourage greater participation by making it easier for flexibility providers to take part in the service, through reducing the minimum unit and bid size to 0.1 MW and deliver consumer value through improved performance management.

More details available here.

Respond to our consultations on these changes by **19 December** to share your views.

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Balancing Reserve (BR) Updated Guidance Document

For those wishing to take part in our Balancing Reserve Service we have updated the Guidance Document for the product, particularly around Dispatch Parameters.

The updated Guidance Document can be found here.

This document, along with other information is located on the 'How to participate' section of the BR Webpage.

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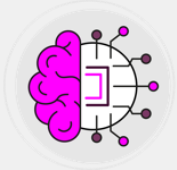
Demand Flexibility Service (DFS)
EBR Article 18 Consultation launch

The DFS team have launched an EBR Article 18 Consultation seeking industry feedback on several new proposals to evolve the service – click here to listen to a recording detailing the changes and here for all the consultation documents

- **10 November 25 – Consultation launched**
- **10 December 25 – Consultation closes**
- **w/c 12 January 26 – Submission to Ofgem***
- **w/c 16 March 26 – Ofgem decision***
- **w/c 30 March 26 – Go live***

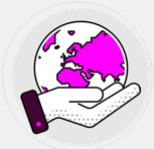
** Indicative Timeframes*

New Service Design Proposals



Baselines
Introduce an additional Baseline for renewable assets (Wind & Solar)

Demand Turn-Up
Add a Negative Margin element to the service



Eligibility Rules
Reduce eligibility criteria from 1MW to 0.1MW

Zones and Primacy
- Add 5 Locational Zones
- Introduce some form of a Primacy Process

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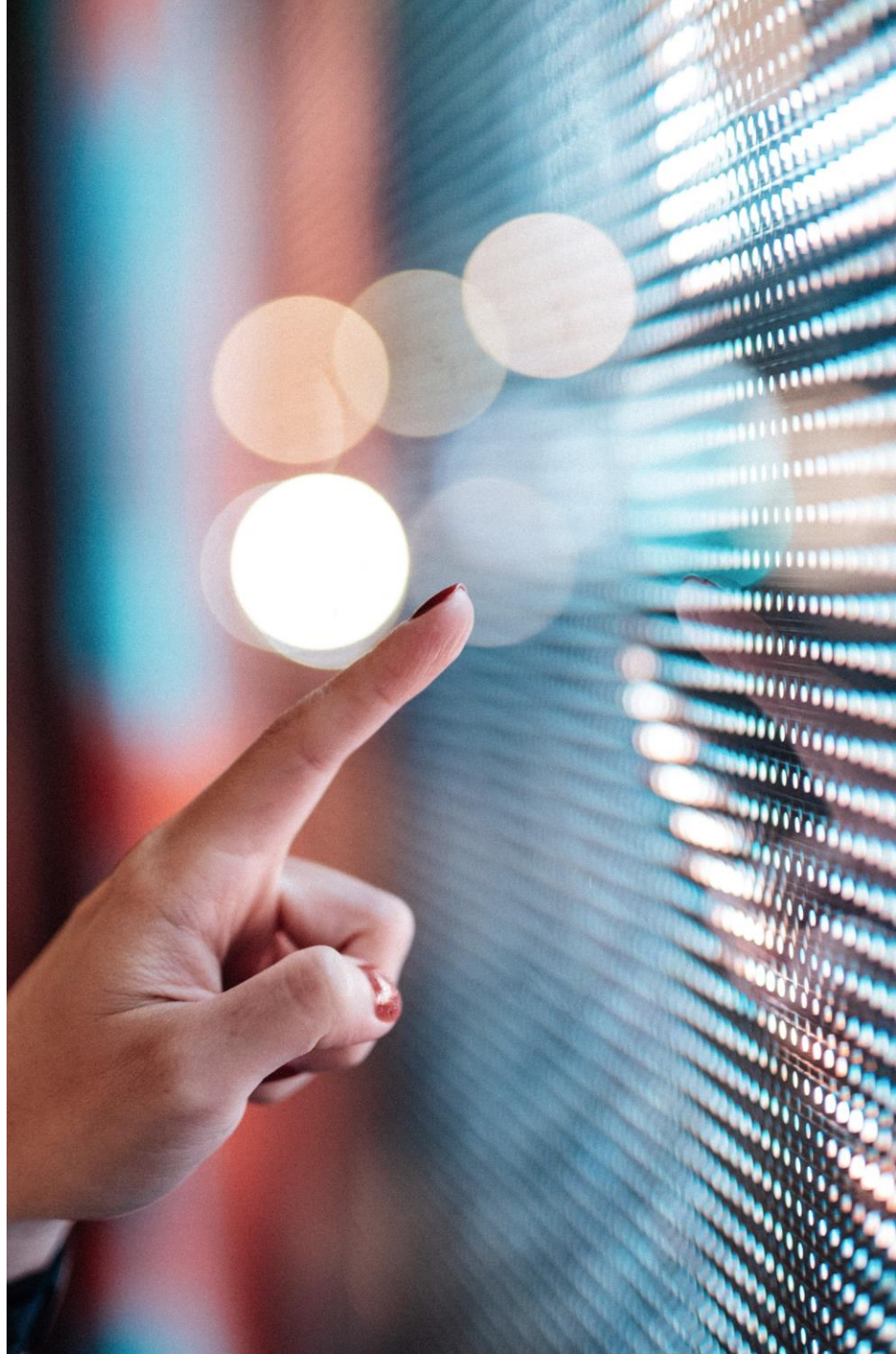
BMU Control Point challenges

When the ENCC need to contact a BMU Control Point, out of date contact details or incorrect details for Control Points can cause uncertainty in balancing actions. The inability of some Control Points to follow telephone instructions can also impact security of supply.

Short-term actions from NESO:

1. Starting today, qe will be checking registered BMU Control Points on the Single Markets Platform (SMP) and will begin phoning the numbers that are registered against BMUs to ensure they are accurate.
2. We hope to issue a letter to industry, along with some supplementary guidance on Control Point operations in the next few weeks. We will provide more information on this through the OTF when issued.



Future Event Summary

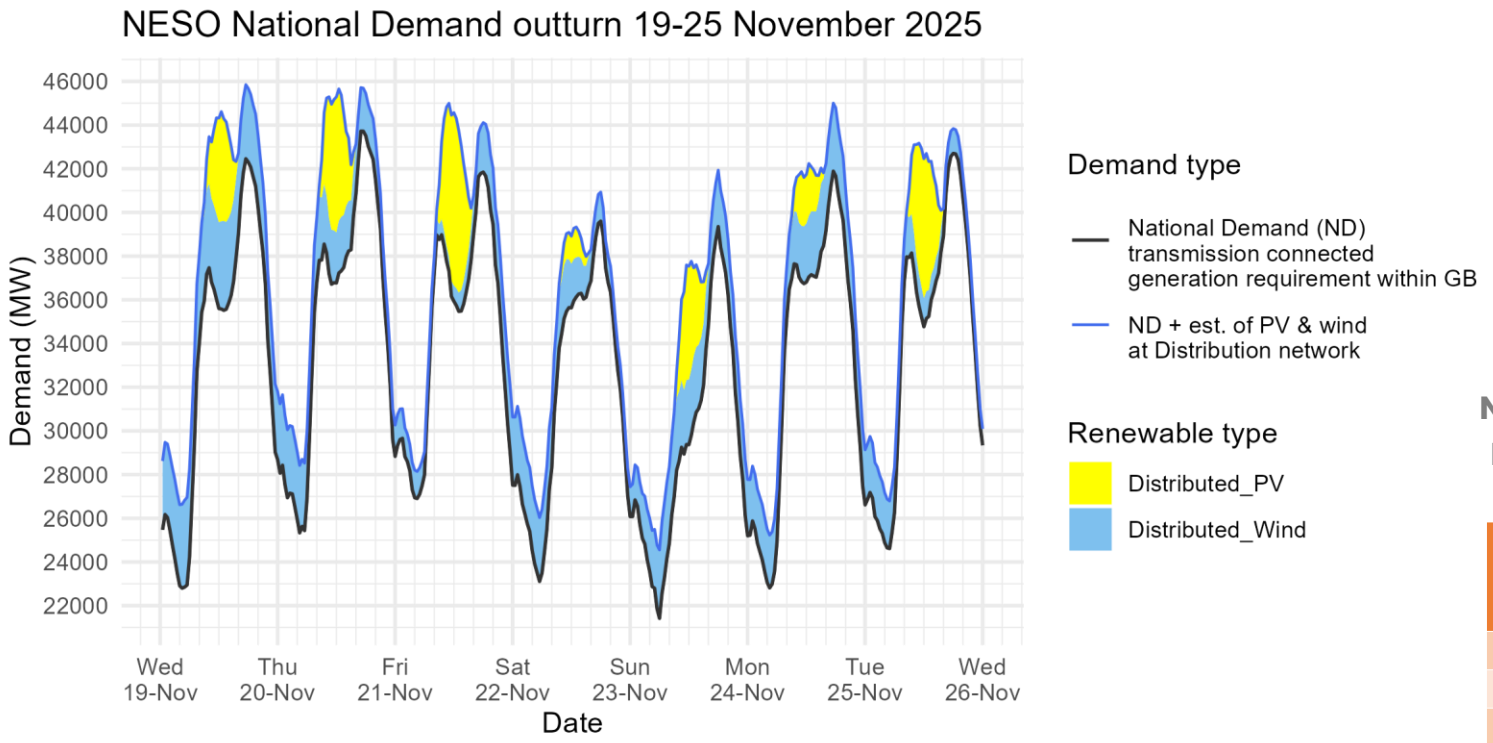
Slido code #OTF

Event	Date & Time	Link
North Hyde Review Webinar	28 November (10:00)	REGISTER HERE
Early Consultation: C9 Annual Review: Informal Consultation published	8 Dec (17:00)	Webpage
DFS EBR 18 Consultation	10 Dec (17:00) closing date	Consultation documents
Webinar: Dispatch Transparency	15 Dec (11:00-12:00)	Register here
Response Reform Consultations Launch	19 Dec	Dynamic Response 2025 Consultation Static Firm Frequency Response 2025 Consultation

Check out the NESO Events Calendar for more...

Demand | Last week demand out-turn

Slido code #OTF



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

Distributed generation

Peak values by day

Date	OUTTURN	
	Daily Max Dist. PV (GW)	Daily Max Dist. Wind (GW)
19 Nov 2025	5.0	4.1
20 Nov 2025	6.2	3.2
21 Nov 2025	7.9	3.1
22 Nov 2025	1.4	3.1
23 Nov 2025	5.3	3.5
24 Nov 2025	2.5	3.1
25 Nov 2025	6.4	2.6

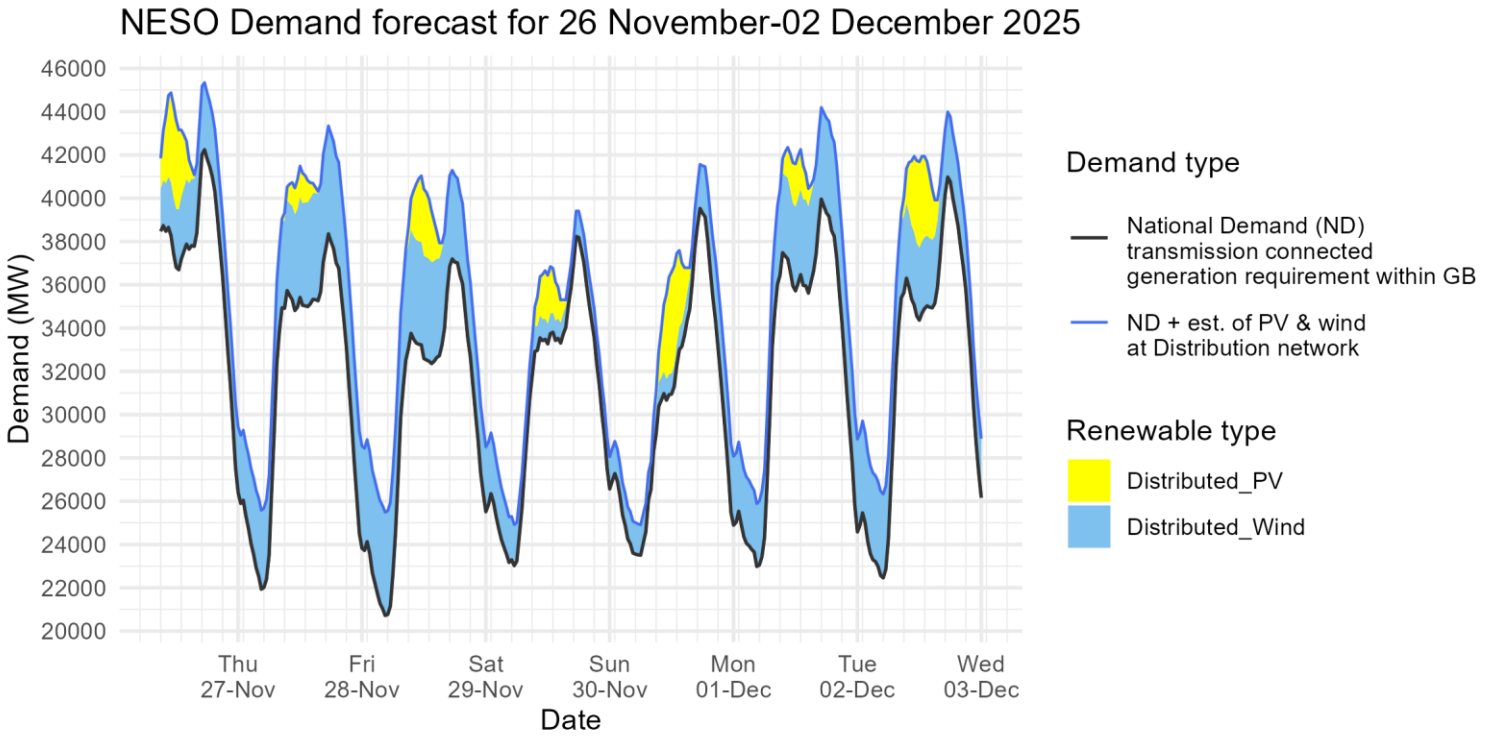
National Demand

Minimum & Peak Demands

Date	Forecasting Point	FORECAST (Wed 19 Nov)		OUTTURN	
		National Demand (GW)	Dist. wind (GW)	National Demand (GW)	Dist. wind (GW)
19 Nov 2025	Evening Peak	42.2	3.6	42.5	3.4
20 Nov 2025	Overnight Min	24.0	3.1	25.3	3.1
20 Nov 2025	Evening Peak	42.3	2.7	43.7	2.0
21 Nov 2025	Overnight Min	26.5	1.5	26.9	1.2
21 Nov 2025	Evening Peak	42.4	1.7	41.8	2.3
22 Nov 2025	Overnight Min	23.8	2.6	23.1	2.9
22 Nov 2025	Evening Peak	39.4	1.5	39.6	1.3
23 Nov 2025	Overnight Min	23.1	1.7	21.4	3.1
23 Nov 2025	Evening Peak	39.7	2.2	39.4	2.6
24 Nov 2025	Overnight Min	24.2	1.3	22.8	2.4
24 Nov 2025	Evening Peak	43.3	1.3	41.9	3.1
25 Nov 2025	Overnight Min	24.9	1.5	24.6	2.2
25 Nov 2025	Evening Peak	43.3	1.4	42.7	1.1

Demand | Week Ahead

Slido code #OTF



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

National Demand

Minimum Demands

		FORECAST (Wed 26 Nov)	
Date	Forecasting Point	National Demand (GW)	Dist. wind (GW)
26 Nov 2025	Evening Peak	42.2	3.1
27 Nov 2025	Overnight Min	21.9	3.6
27 Nov 2025	Evening Peak	38.4	5.0
28 Nov 2025	Overnight Min	20.7	4.8
28 Nov 2025	Evening Peak	37.2	4.1
29 Nov 2025	Overnight Min	23.0	1.9
29 Nov 2025	Evening Peak	38.2	1.2
30 Nov 2025	Overnight Min	23.5	1.4
30 Nov 2025	Evening Peak	39.5	2.0
01 Dec 2025	Overnight Min	23.0	2.9
01 Dec 2025	Evening Peak	40.0	4.2
02 Dec 2025	Overnight Min	22.5	3.9
02 Dec 2025	Evening Peak	41.0	3.0

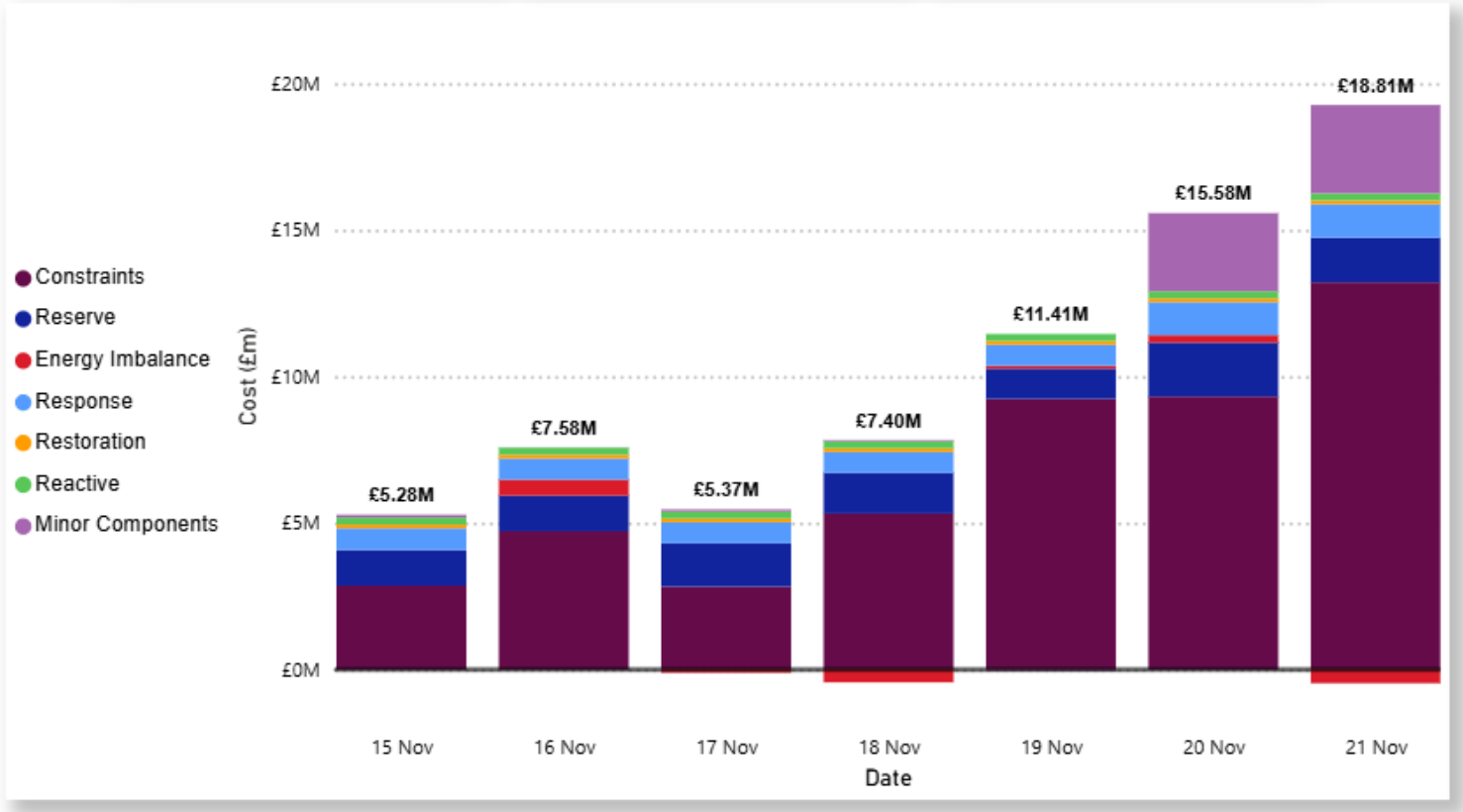
NESO Actions | Category Cost Breakdown

Slido code #OTF

Date

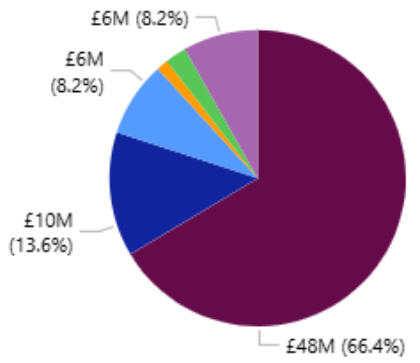
15/11/2025 21/11/2025

Weekly Total Costs (£)	Last Week Total Costs (£)	Past 30-Day Average Costs (£)
71.4M	44.2M	9.6M



Date	Total Costs
15 November 2025	£5,284,665
16 November 2025	£7,582,882
17 November 2025	£5,366,504
18 November 2025	£7,401,293
19 November 2025	£11,406,419
20 November 2025	£15,582,197
21 November 2025	£18,806,784
Total	£71,430,743

Weekly Cost (£) and Share (%)



NESO Actions | Constraint Cost Breakdown

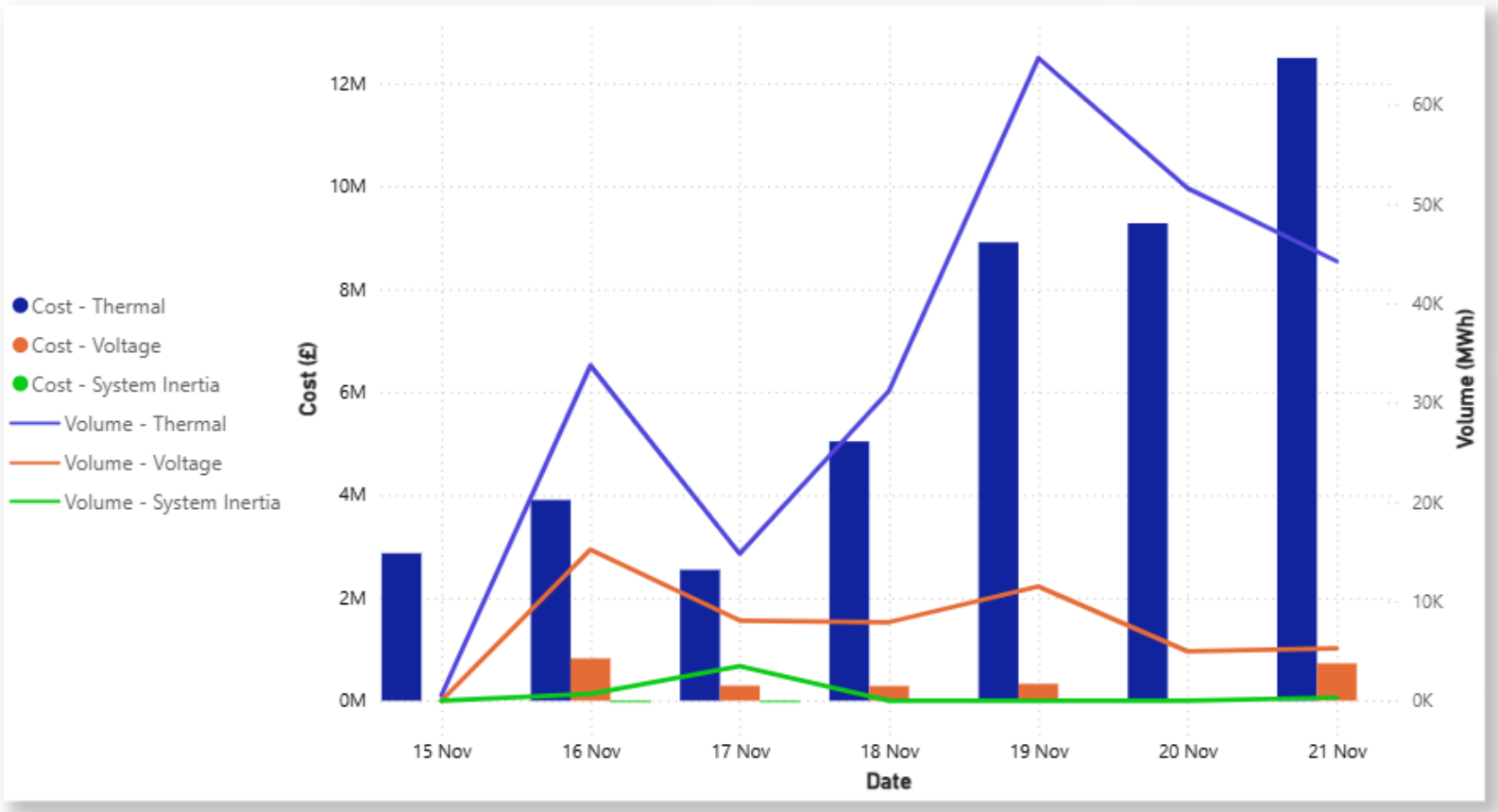
Slido code #OTF

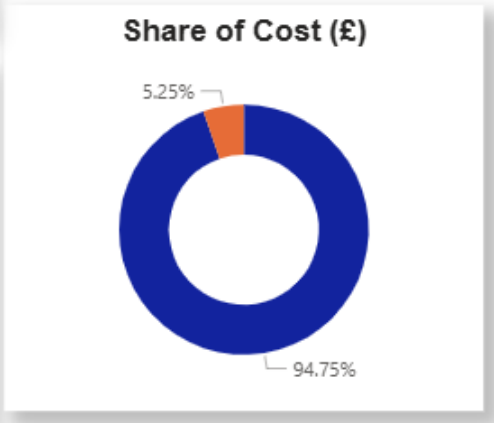
Date
15/11/2025 21/11/2025

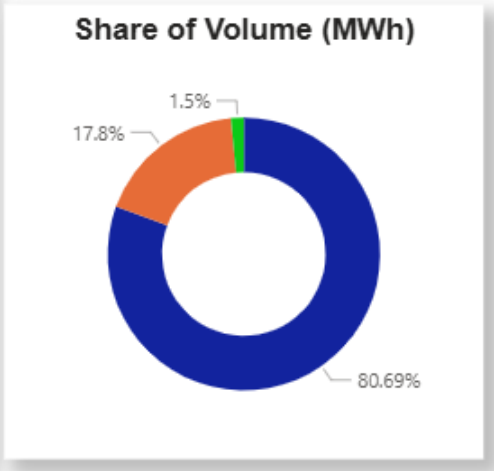
Thermal Constraints	
Costs (£)	Vol (MWh)
45.03M	239.66K

Voltage Constraints	
Costs (£)	Vol (MWh)
2.50M	52.88K

System Inertia	
Costs (£)	Vol (MWh)
-725.44	4.46K







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

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Public

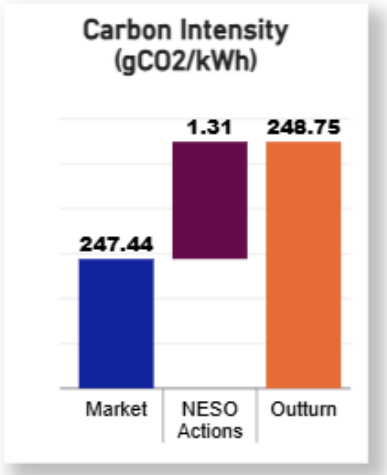
NESO Actions | Peak Demand – SP spend ~£1.3m
Thursday 20th November

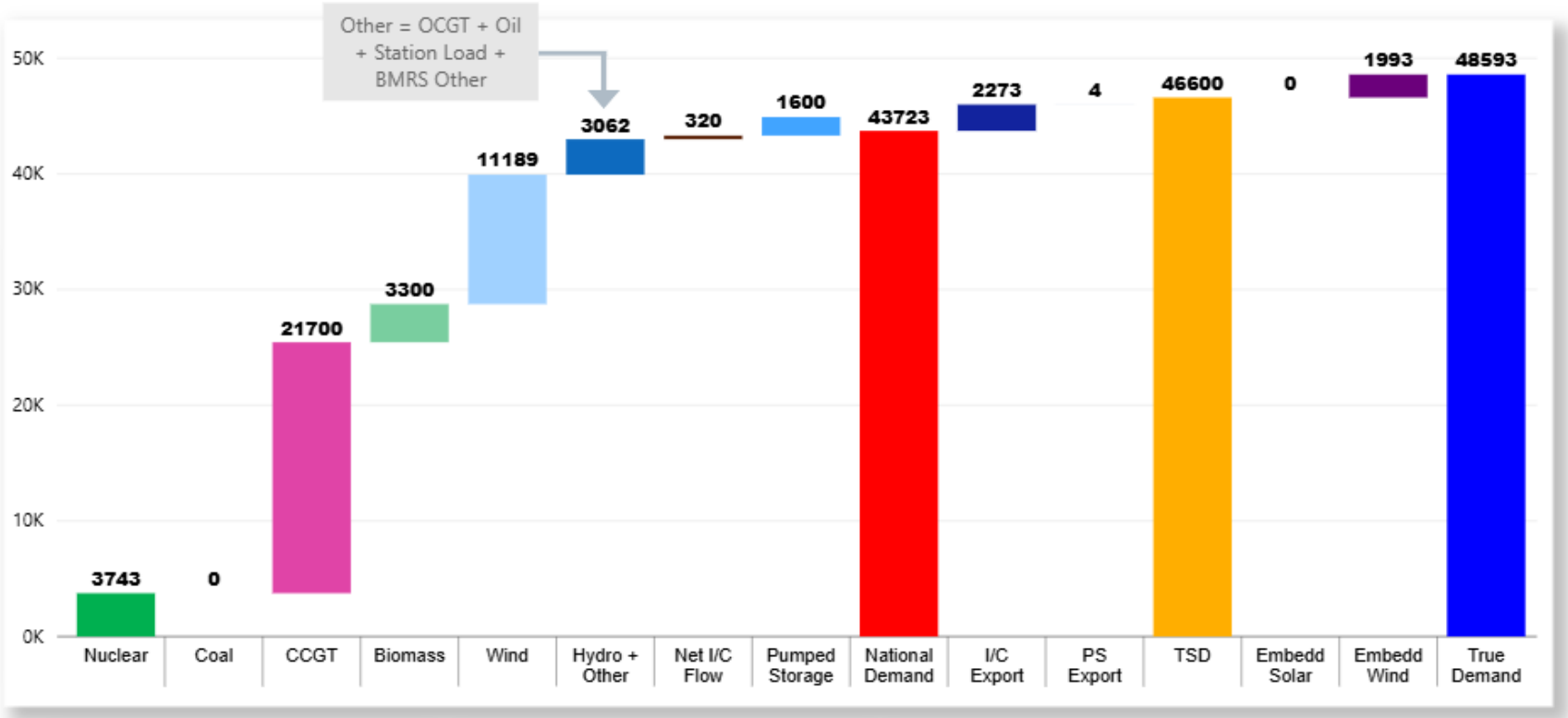
Slido code #OTF

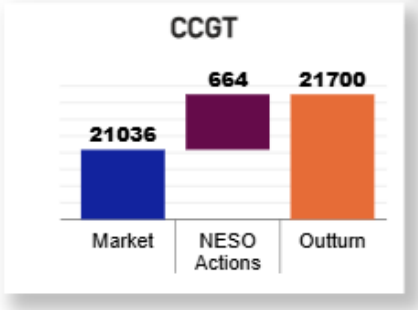
Date: 20 November 2025

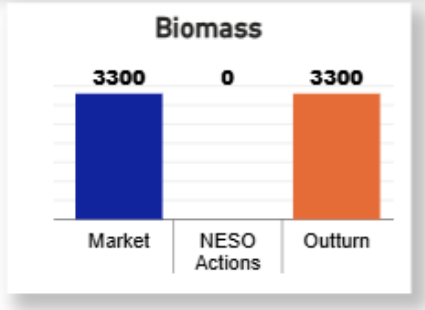
SP: 34

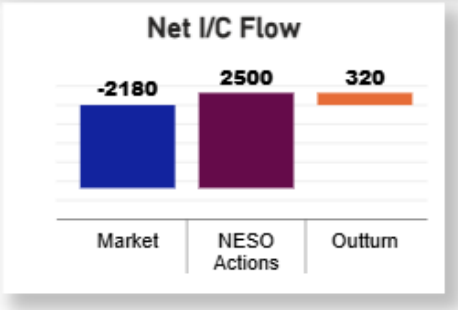
Half-hour preceding
17:00

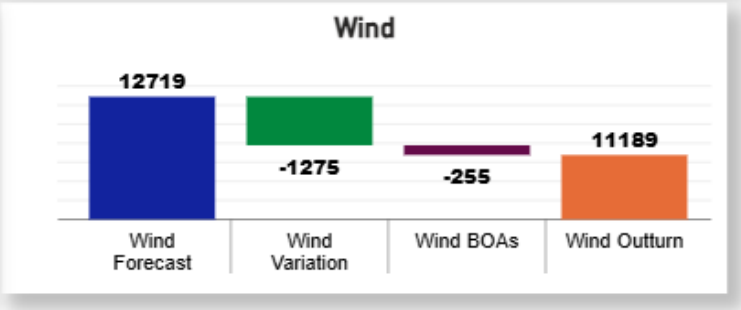












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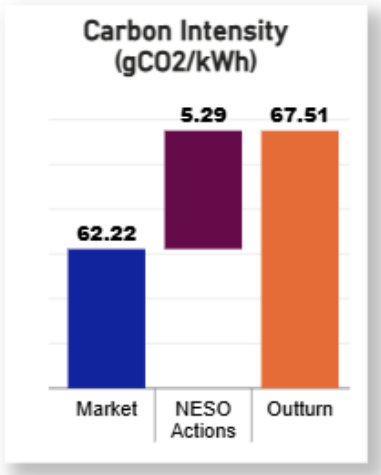
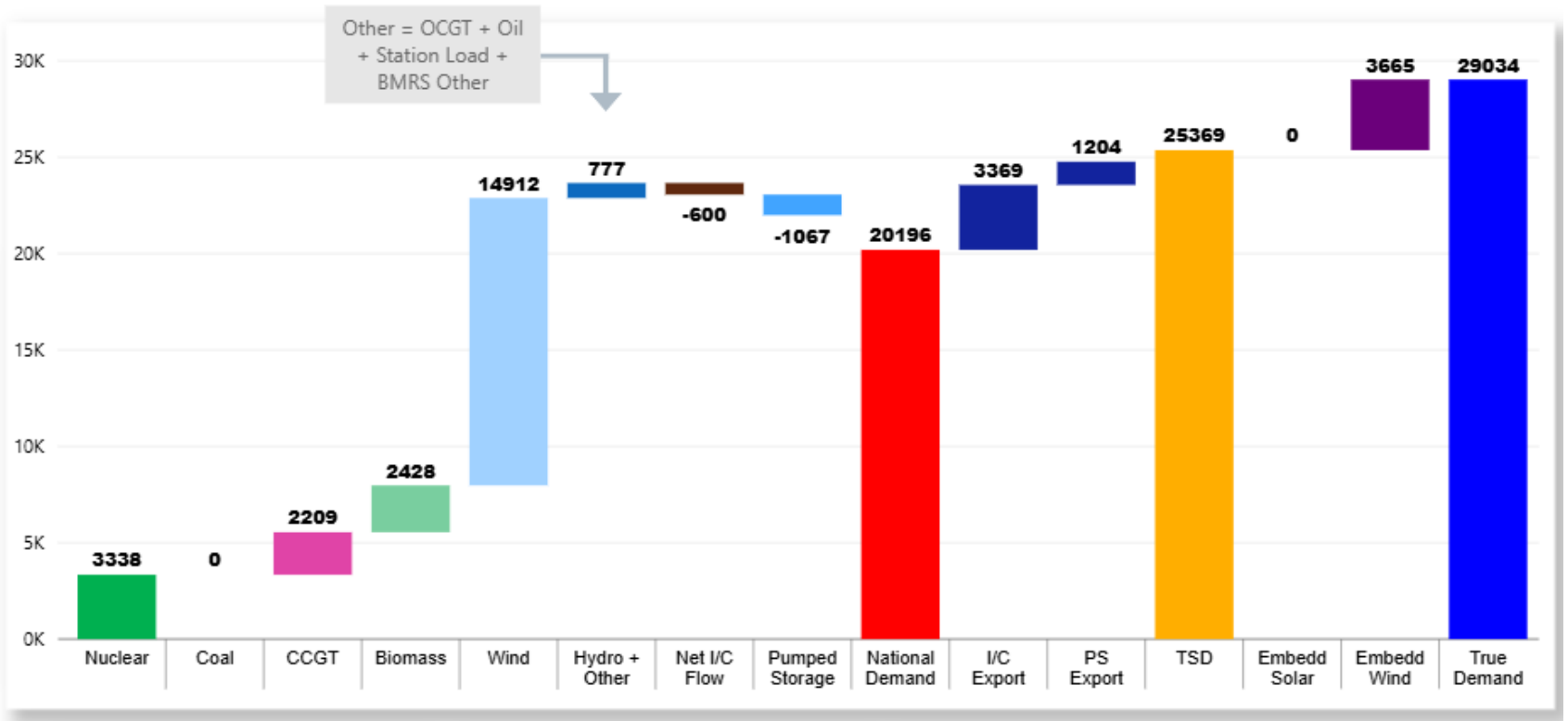
NESO Actions | Minimum Demand – SP spend ~£145k
Saturday 15th November

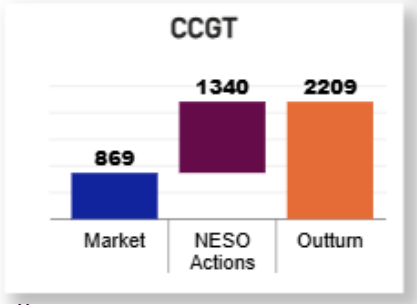
Slido code #OTF

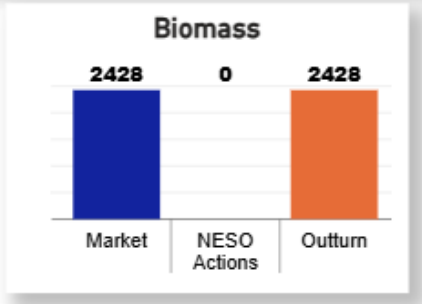
Date: 15 November 2025 | SP: 10

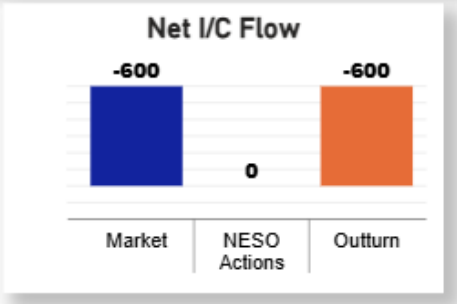
Half-hour preceding
05:00

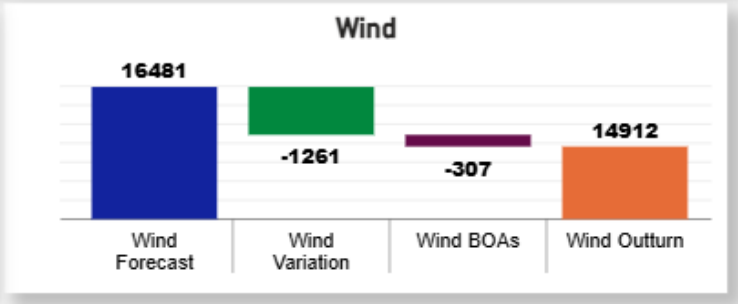












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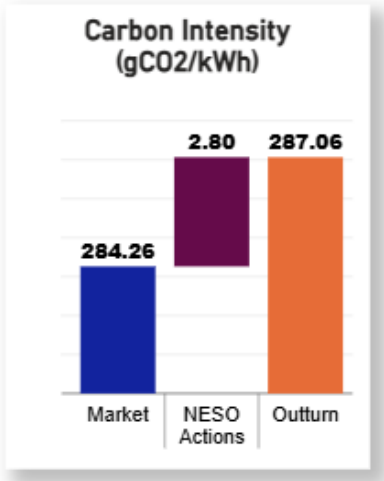
Public

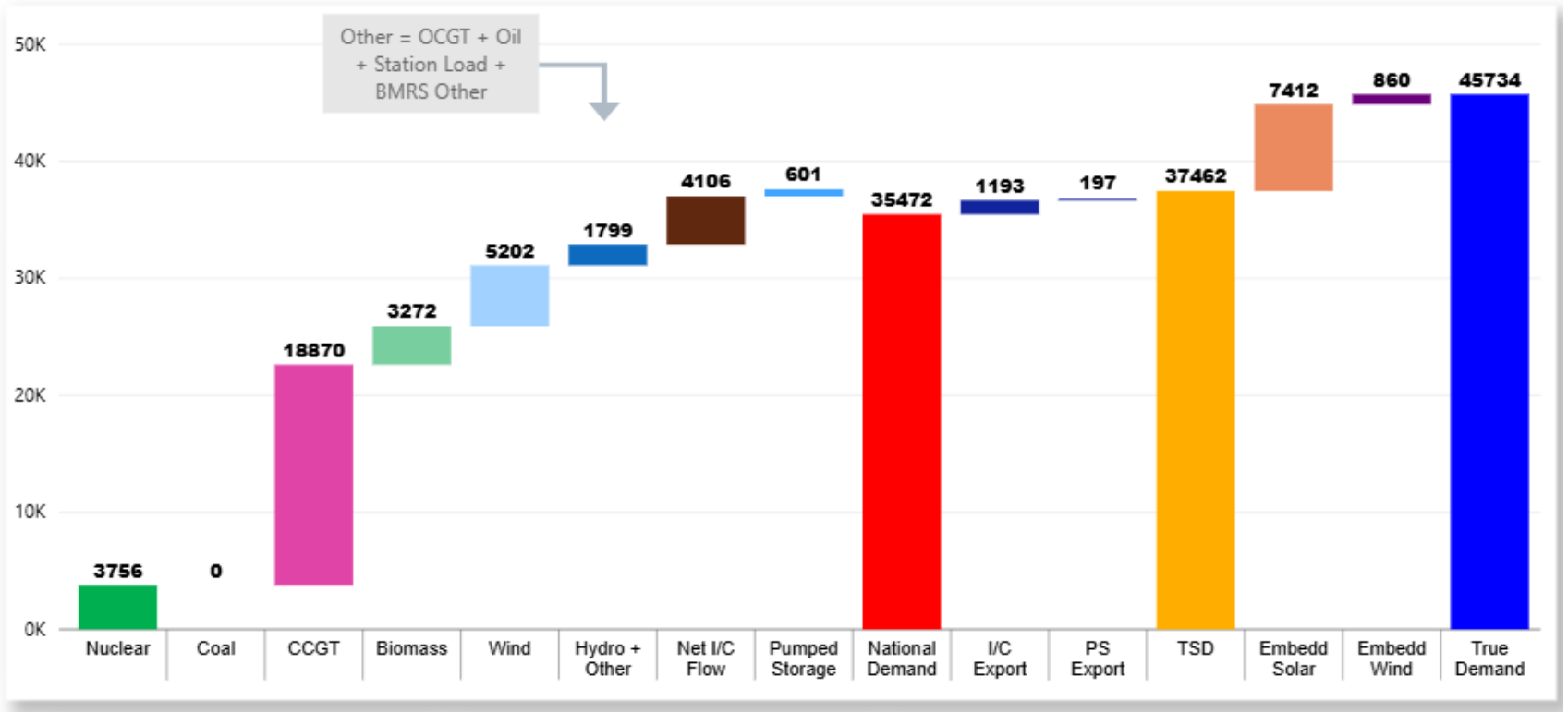
NESO Actions | Highest SP spend ~£1.7m
Friday 21st November

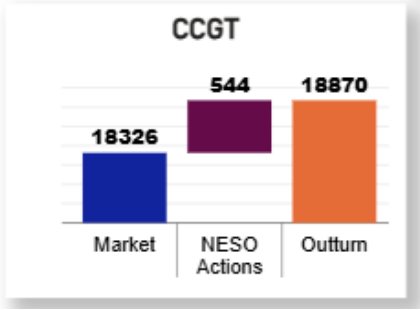
Slido code #OTF

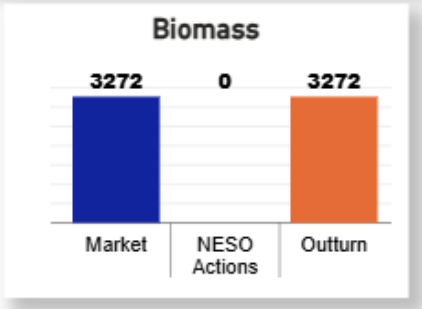
Date: 21 November 2025 | SP: 26

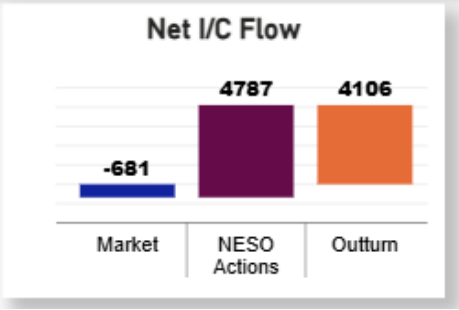
Half-hour preceding
13:00

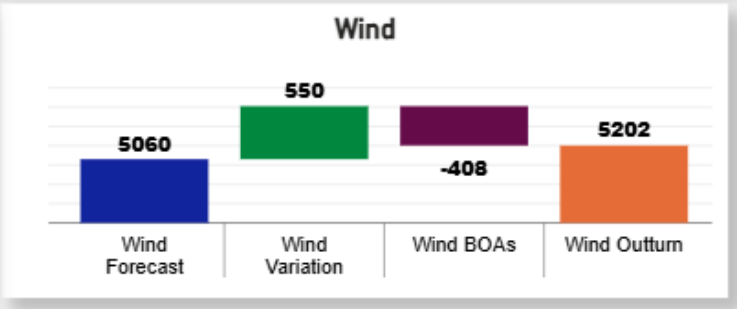












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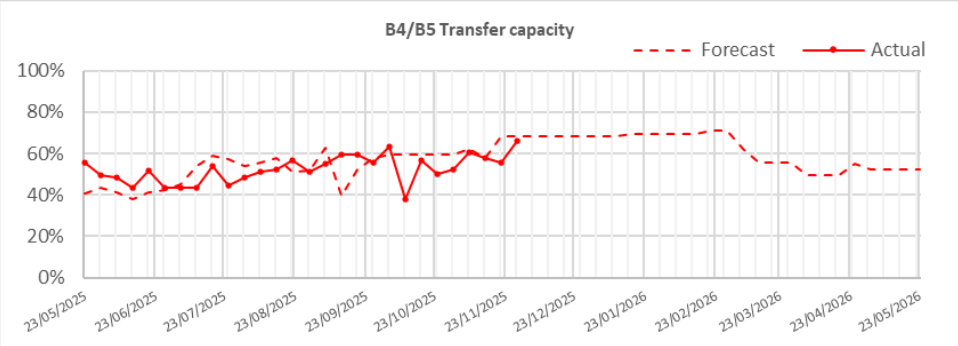
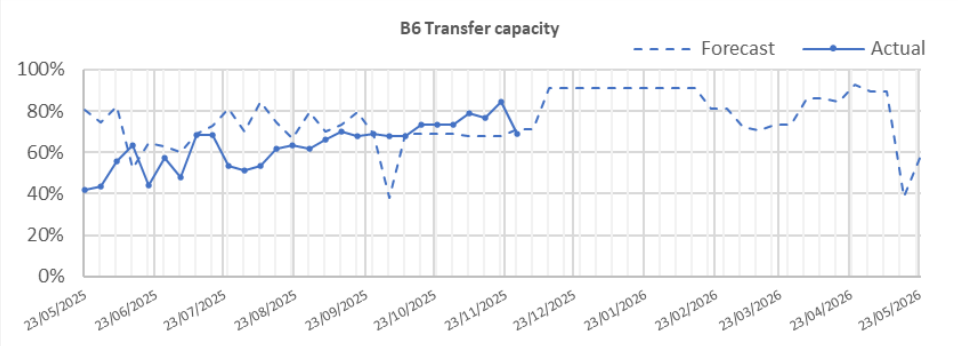
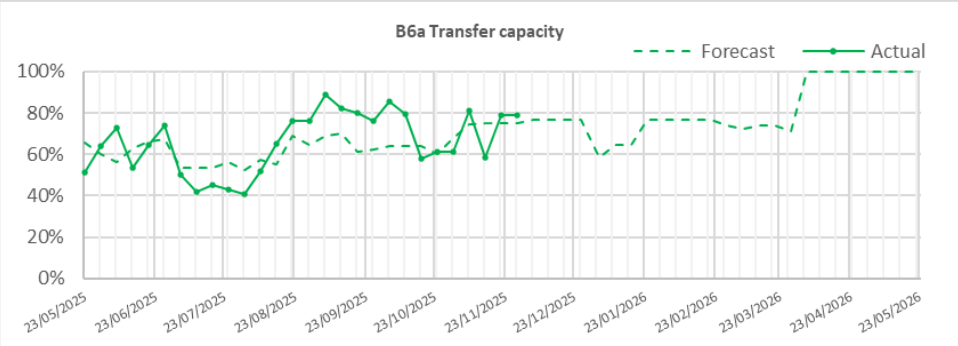
Transparency | Network Congestion

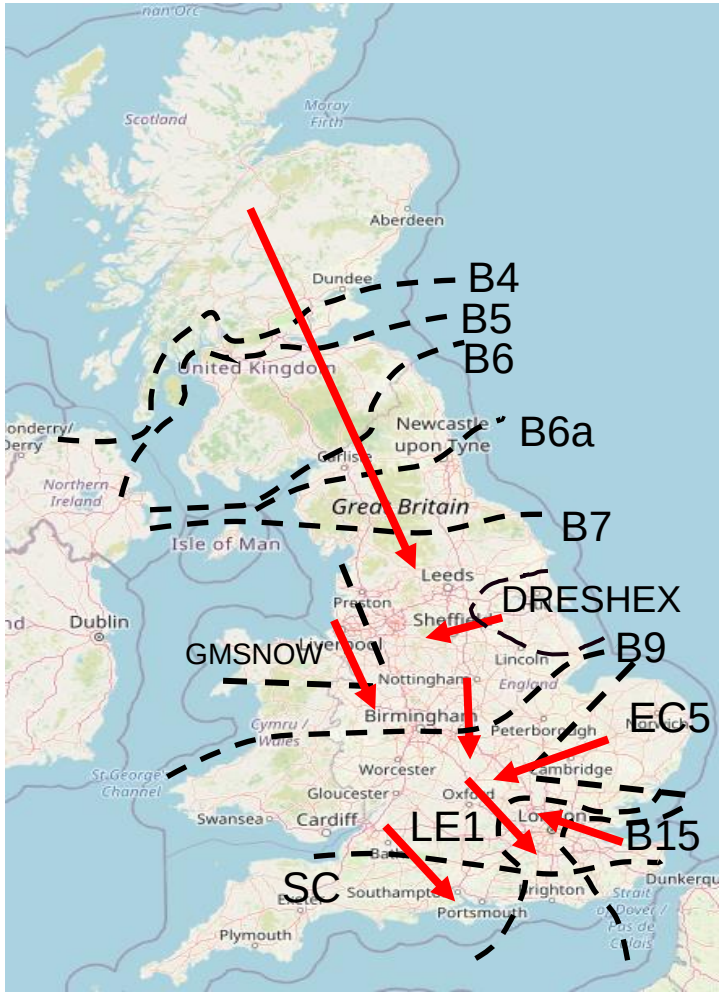
Slido code #OTF







Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	66%
B6 (SCOTEX)	6800	69%
B6a	8000	79%
B7 (SSHARN)	9850	78%
GMSNOW	5800	52%
FLOWSTH (B9)	12700	83%
DRESHEX	9675	78%
EC5	5000	100%
LE1 (SEIMP)	8750	75%
B15 (ESTEX)	7500	93%
SC1	7300	100%



The forecast line is updated with the 10-week ahead view, and this happens each week. So, everything up to 10 weeks ahead is the forecast from 10-week ahead view, and everything after that is the fixed long-term forecast view.

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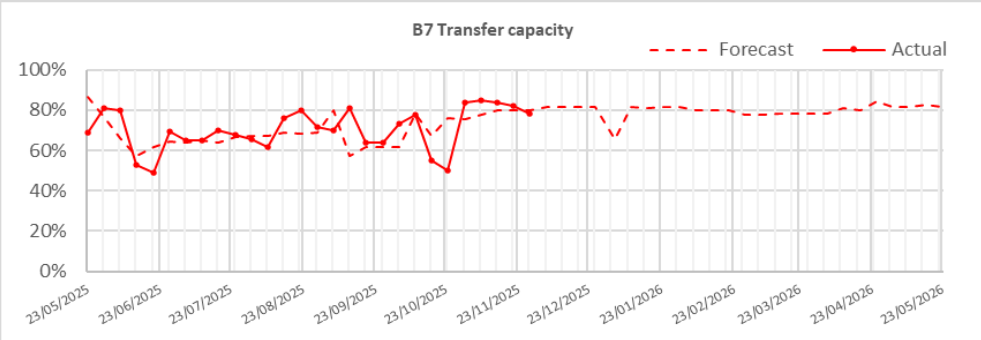
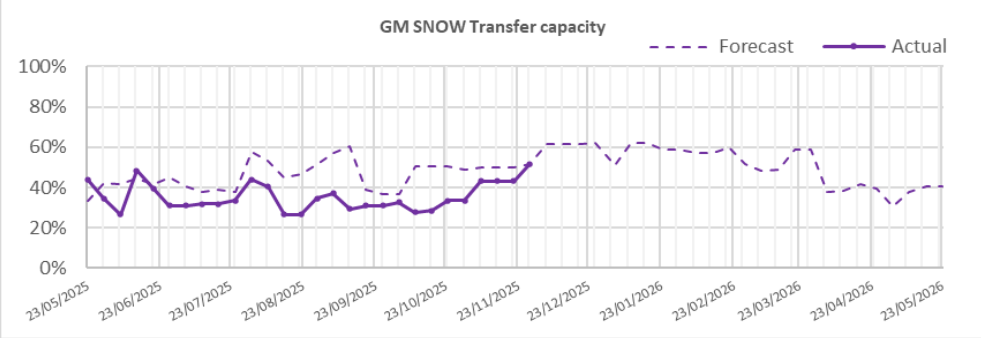
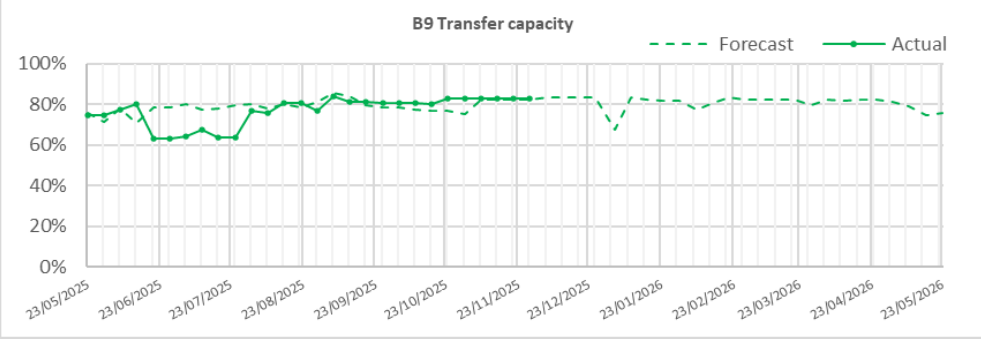
Transparency | Network Congestion

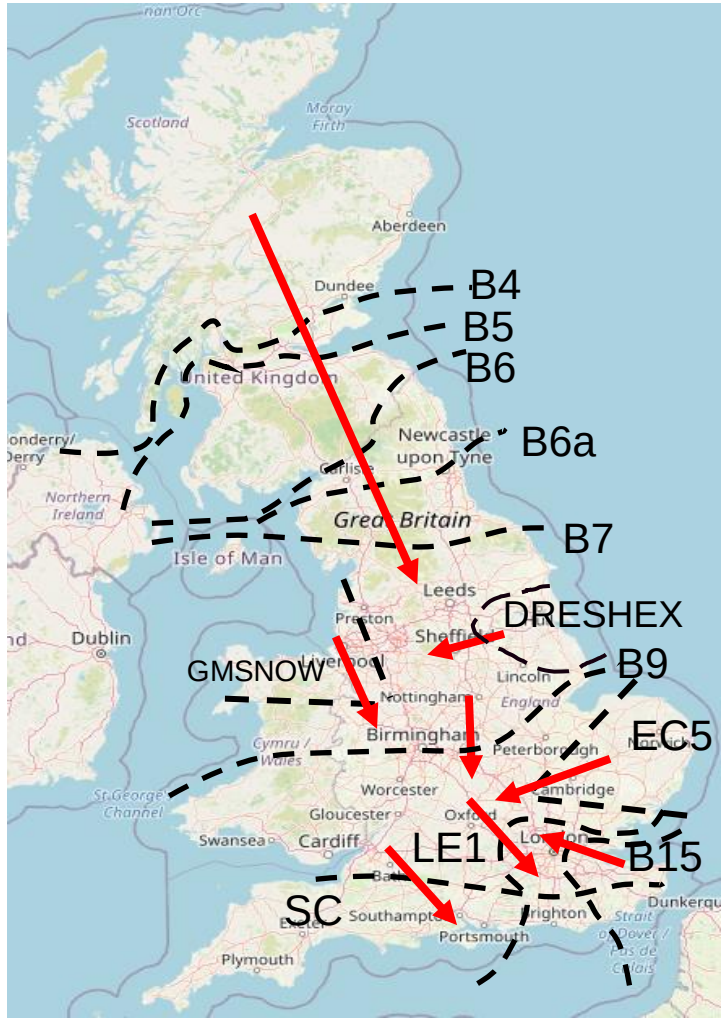






Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	66%
B6 (SCOTEX)	6800	69%
B6a	8000	79%
B7 (SSHARN)	9850	78%
GMSNOW	5800	52%
FLOWSTH (B9)	12700	83%
DRESHEX	9675	78%
EC5	5000	100%
LE1 (SEIMP)	8750	75%
B15 (ESTEX)	7500	93%
SC1	7300	100%

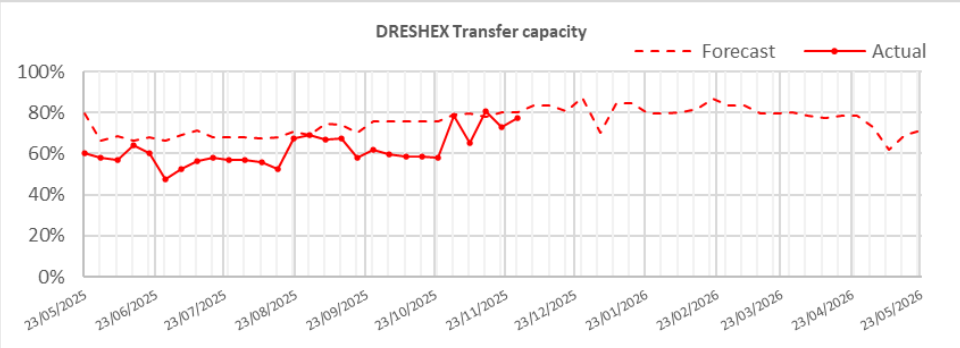
Slido code #OTF

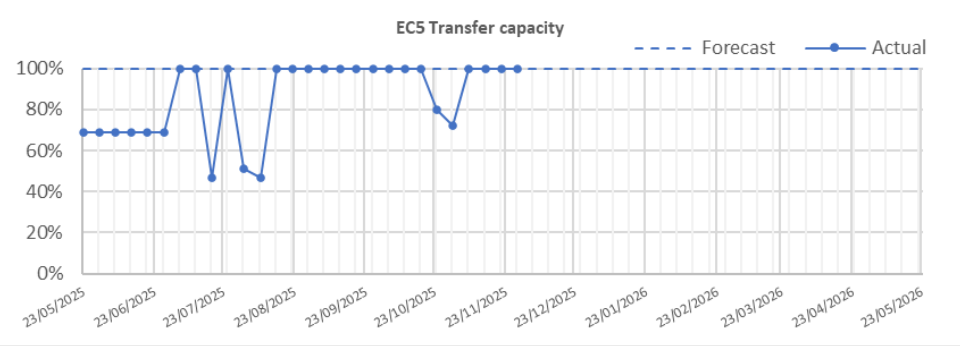


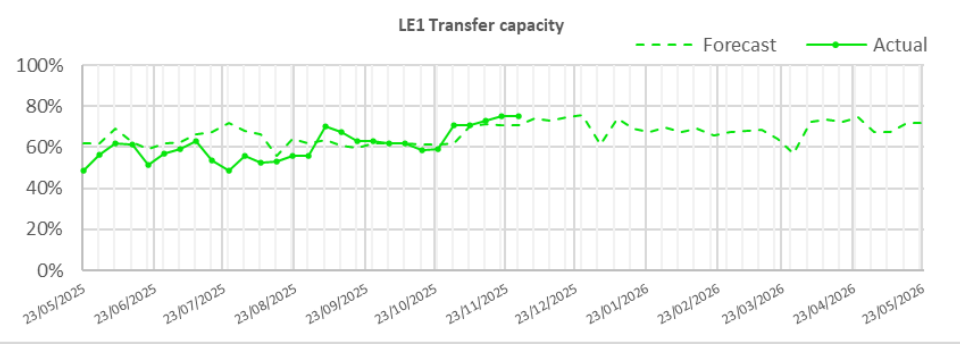
The forecast line is updated with the 10-week ahead view, and this happens each week. So, everything up to 10 weeks ahead is the forecast from 10-week ahead view, and everything after that is the fixed long-term forecast view.

NESO National Energy System Operator

Transparency | Network Congestion







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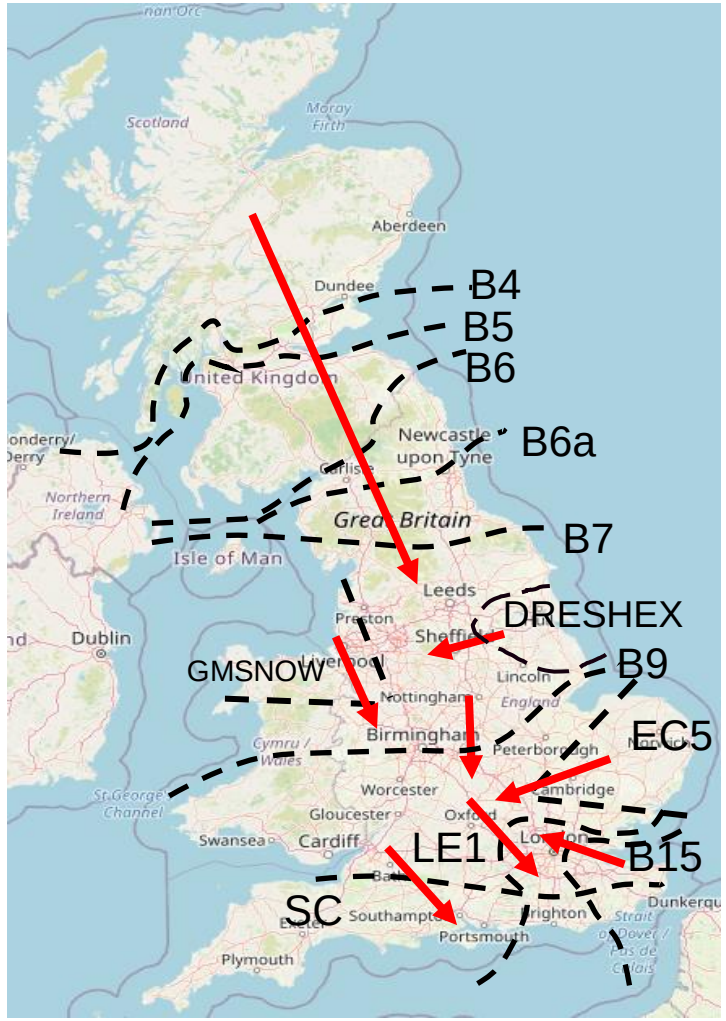

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Transparency | Network Congestion

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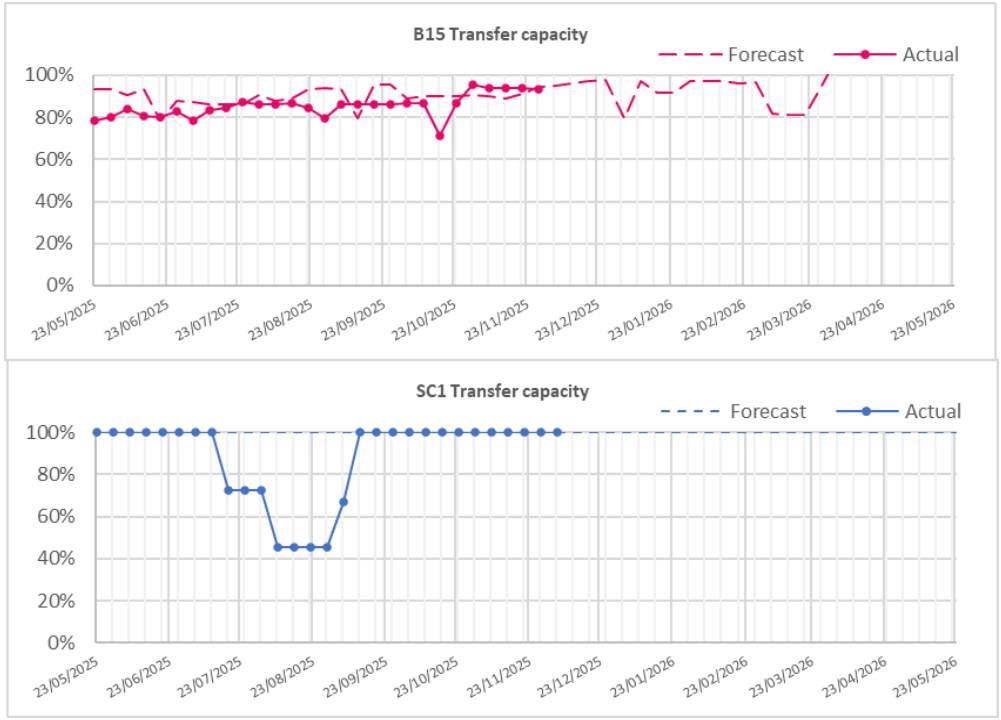

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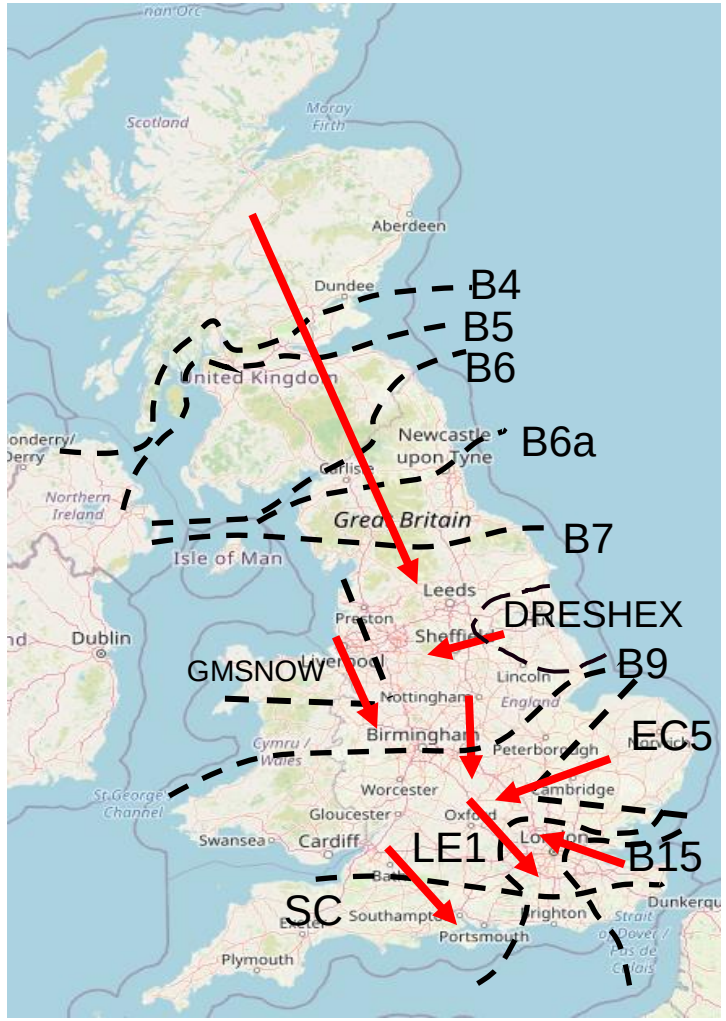


The forecast line is updated with the 10-week ahead view, and this happens each week. So, everything up to 10 weeks ahead is the forecast from 10-week ahead view, and everything after that is the fixed long-term forecast view.

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.

NESO National Energy System Operator

Skip Rates by Technology Type – Bids

Slido code #OTF

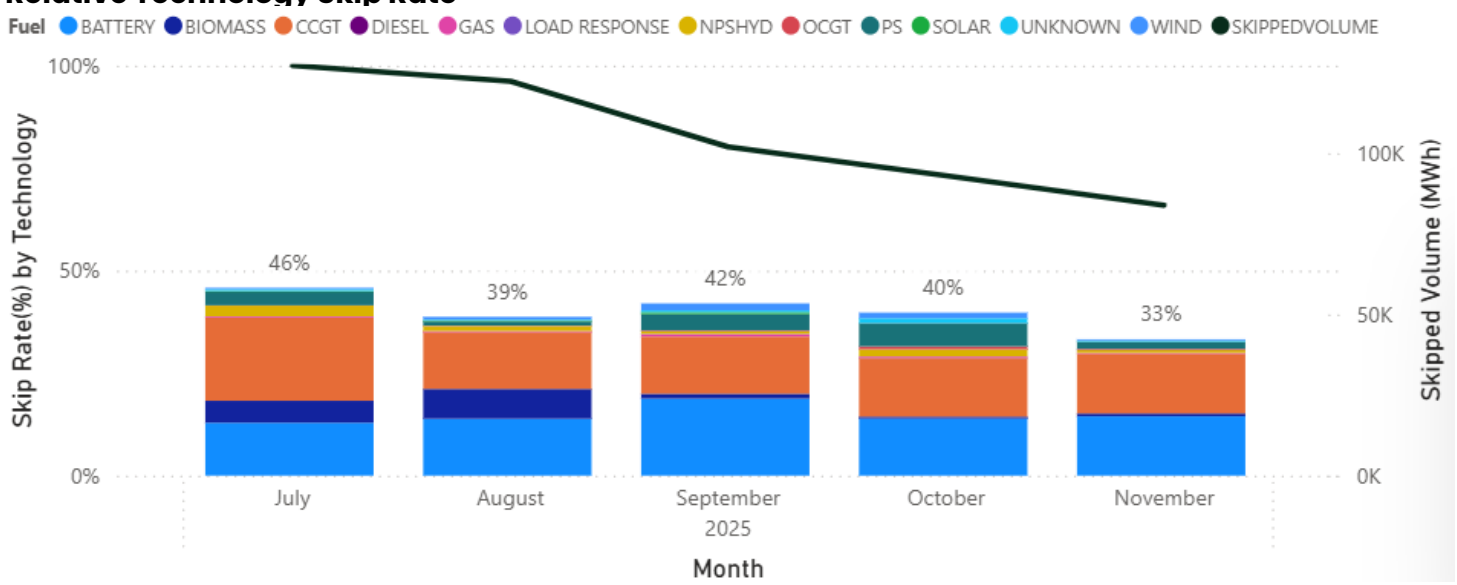
The current skip rate methodology only considers energy actions within the BM

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

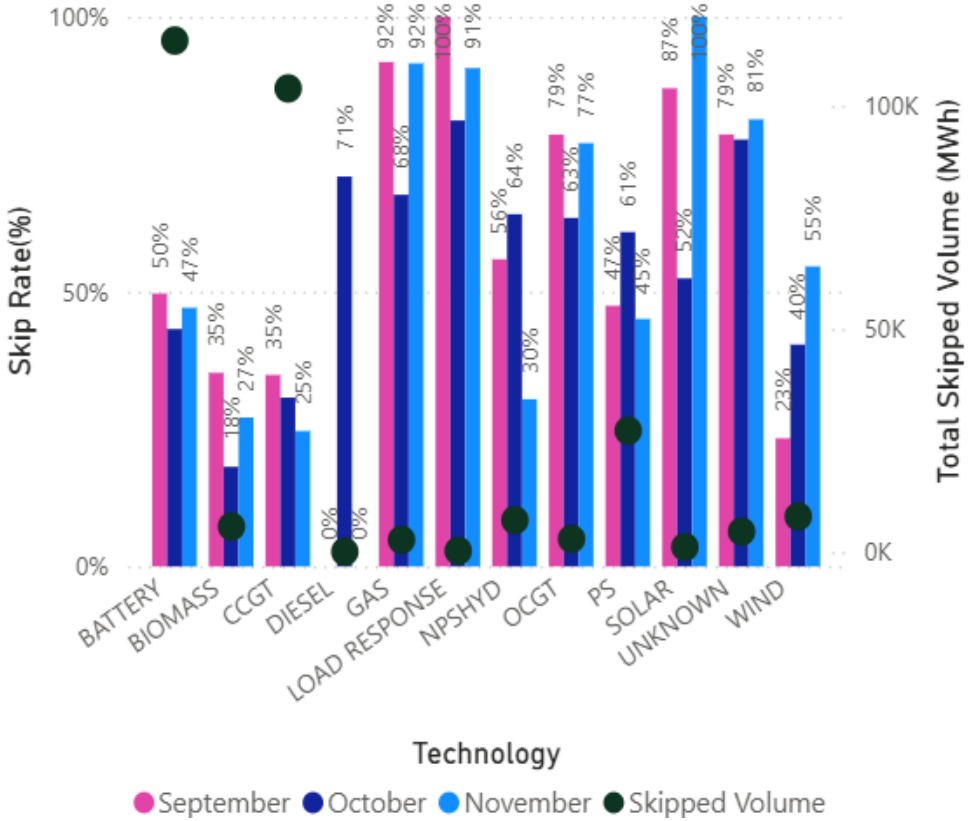
These graphs are based on stage 5 of the PSA definition.

Weekly Average w/e	Bids - All BM	Bids - PSA
2/11	4%	36%
9/11	8%	27%
16/11	7%	28%
23/11	11%	44%

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 for found on our webpage: here

Skip Rates by Technology Type – Offers

Slido code #OTF

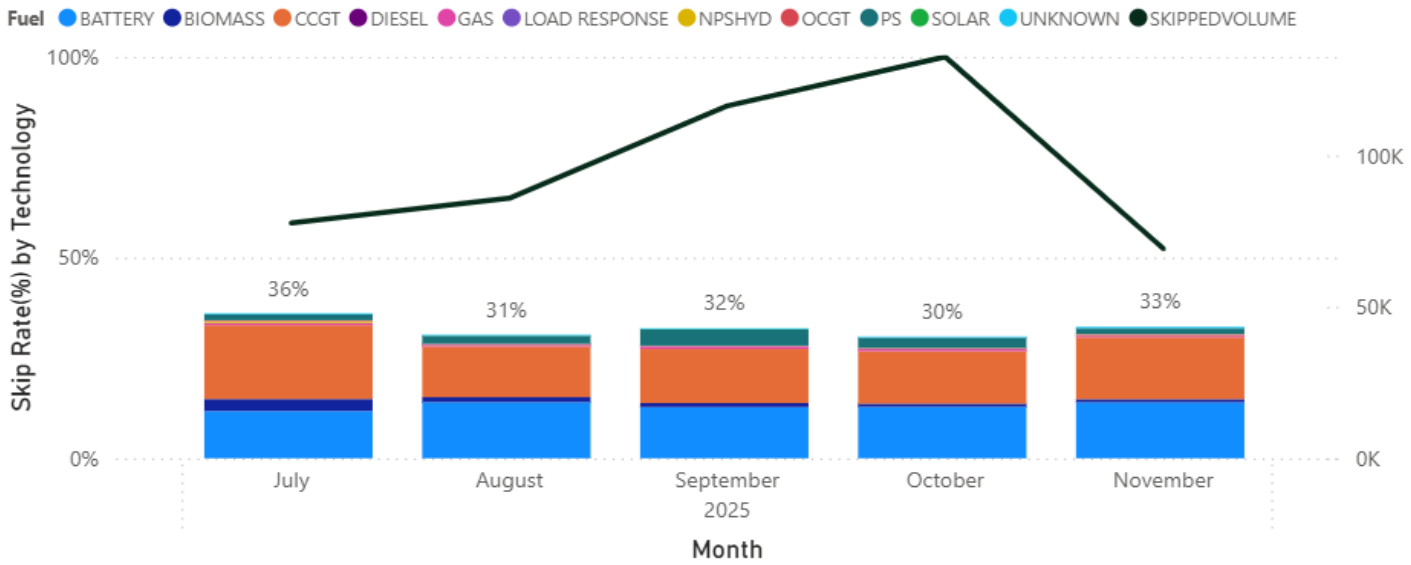
The current skip rate methodology only considers energy actions within the BM

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

These graphs are based on stage 5 of the PSA definition.

Weekly Average w/e	Offers - All BM	Offers - PSA
2/11	11%	35%
9/11	11%	32%
16/11	9%	30%
23/11	13%	36%

Relative Technology Skip Rate



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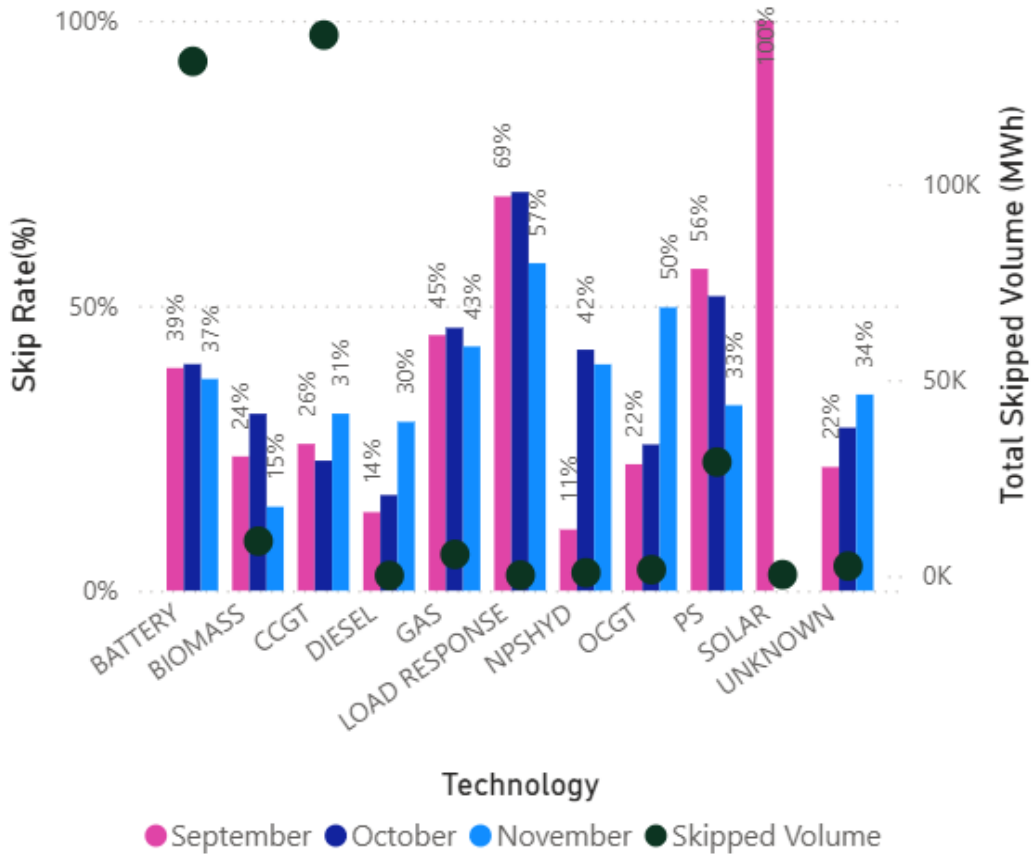

Gas: Gas reciprocating units
NPSHYD: Non-Pumped Storage Hydro
PS: Pumped Storage

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 for found on our webpage: here

Previously Asked Questions

Slido code #OTF

Q: (19/11/25) From NESOs perspective, when are you expecting the balancing cost to an acceptable level (reasonably low) than higher thermal constraint cost we are seeing compared to last year? Electricity Ten year Statement/Network Options Assessment (ETYS/NOA) assessments are ongoing for a long time period and still seeing higher constraint cost.

A: We have long term balancing cost projections outlined in our 2025 Annual Balancing Cost Report along with work being done to minimise these costs. The system is undergoing significant changes including higher connection of generation in constrained regions which drives balancing costs higher. This is being addressed through a combination of accelerated network build, operational efficiency and market reform through the Reformed National Pricing (RNP programme) NESO are working with Ofgem and DESNZ to deliver reforms through RNP that will reflect the changing system needs.

Link to 2025 Annual Balancing Cost Report: https://www.neso.energy/document/362561/download

ETYS = Electricity Ten Year Statement: Electricity Ten Year Statement (ETYS) | National Energy System Operator

NOA = Network Options Assessment (this role is now provided by the Transitional Centralised Strategic Network Plan (tCSNP) | National Energy System Operator)

Previously Asked Questions

Q: (19/11/25) Demand Flexibility Service (DFS) is an inaccurate service. The actually delivered volumes differ significantly from the desired volumes. Could NESO estimate the total cost of the service by also including the cost of energy needed to compensate for the DFS delivery error? It might turn out that the cost is not that competitive.

A: We only pay for what is delivered through DFS, and have a penalty structure that further reduces payment for significant errors. We are not paying for DFS energy that has not been delivered and buying the energy in real-time as well.

Q: (19/11/25) Why did NESO choose to not delay the Enduring Auction Capability (EAC) auction when it became clear that a number of participants had been unable to submit orders due to the unavailability of NESO's platform?

A: As the auction opens for sell orders 14 days before the auction takes place, providers were able to submit sell orders. Due to the uncertainty in whether services would remain accessible due to the wider Cloudflare issues we ran the auction at the point we were able to and assessed whether this provided a suitable solution with the orders that had been submitted. This was acceptable and so we contracted on that basis.

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Previously Asked Questions

Slido code #OTF

Q: (19/11/25) I understand the next System Operation in Real Time (SORT) upload is delayed. Why and when will the next one be? NESO is creating a barrier to market entry if parties cannot join the BM.

A: The SORT Upload has been postponed by one week and will take place on 3 December 2025. All impacted market participants were updated as soon as the delay was identified and we have confirmed to everyone involved their units will now be included on 3 December.

The SORT Upload is completed six times each year at two month intervals. NESO are committed to completing the SORT Upload on, or as close as possible to, the published date (see the next slide for the 2026 schedule).

We agreed and published the 2025 SORT Upload dates over a year ago, based on the best available information at the time to provide maximum notice for potential participants. There is always a risk dates will change as we get close to delivery, either due to BM systems issues or significant operational challenges.

In addition, as you may be aware, NESO is engaged in delivering large scale and complex changes to the NESO Control Room systems to enhance, maintain and replace existing legacy systems and tools, together with delivering the capability required to support future markets development as a result of the Reformed National Pricing (RNP) programme and other market initiatives plus delivery of our responsibilities under CP30. Planning the delivery of this volume of change is complex, complicated and must be regularly updated to incorporate the most up to date information and priorities.

See the next slide for the 2026 schedule

NESO National Energy System Operator

NESO SORT Upload dates 2026

Month	Cutoff date	Implementation	Back-up date
January	06/01/2026	28/01/2026	04/02/2026
March	24/02/2026	18/03/2026	01/04/2026
May	28/04/2026	20/05/2026	27/05/2026
July	23/06/2026	15/07/2026	22/07/2026
September	01/09/2026	23/09/2026	30/09/2026
November	03/11/2026	25/11/2026	02/12/2026

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Previously Asked Questions

Slido code #OTF

Q: (19/11/25) We understand that the NESO capacity market portal had issues that resulted in some parties failing pre-qual. Can NESO commit to apologising publicly when ANY of their systems create issues? Just pretending these problems don't exist does not improve trust.

A: There was a system glitch which had an impact on a small number of capacity market customers. The Electricity Market Reform (EMR) team contacted each individual company separately and explained the issue and resolution and apologised for the confusion and inconvenience it has caused. Our targeted engagement approach was discussed and agreed with DESNZ and Ofgem.

NESO National Energy System Operator

Advance Questions

Slido code #OTF

Q: (28/10/25) With respect to the Transmission Works Register 17 October 2025, there are 3 different entries with respect to the Lackenby -Thornton circuits with earliest effective dates in an 8 year period. These works are: 101386-202715, 101386-202716, and 031380-031380. Is it correct that these 2 circuits are to have 3 separate upgrades in 8 years?

A: We are only aware of two options between Lackenby and Thornton:

1. Lackenby - Norton Reconductoring (LNRE) - 2030 - Replace the conductors on the existing circuit between Lackenby and Norton with higher capacity conductors
2. Lackenby – Thornton Reconductoring (LTRE) - 2030 - Reconductor Lackenby to Thornton 400kV double circuit

Advance Questions

Slido code #OTF

Q: (29/10/25) Regarding the clock change over the weekend (25th-26th Oct). We noted NESO desk updated the time 1 hour earlier - which impacted on data submission via Electronic Dispatch Logging/Electronic Data Transfer (EDL/EDT) including Final Physical Notifications (FPNs) - has there been a change in protocol?

A: The NESO Control Room autumn clock change took place at 02:00 26 October from British Summer Time (BST) to 01:00 Greenwich Mean Time (GMT). The Autumn 2025 changes were made using the same approach as in previous years, and we observed no issues in our clock change tests or the live event for the NESO systems: Balancing Mechanism, EDL and EDT.

Please provide specific examples of the issues you observed to .box.nc.customer@neso.energy if you would like us to investigate further.

For information: the NESO Balancing Mechanism systems, EDL and EDT files actually run in GMT throughout the year with an adjustment for BST handled within the BM software.

Advance Questions

Slido code #OTF

Q: (06/11/25) With Applicable Balancing Services Volume Data (ABSVD) not being applied to VLP (Secondary BMUs) this is continuing to cause the same distortions in the market that the introduction of ABSVD to Non-BMUs was looking to resolve. When will ABSVD also be applied to these sites?

A: Thanks for your question regarding ABSVD. For clarity, NESO provides volumes for secondary BMU's to Elexon for inclusion within imbalance calculations. However, as outlined in Issues 1, 2 & 3 of BSCP40: Change Management, there are currently inconsistencies with adjustment of positions for BM Units ABSVD submitted against Secondary BM Units.

Elexon have set up an Issue Group - 114 to investigate and address these inconsistencies in their processes. Information regarding timelines, status updates and issue group outputs can be found on the Elexon website - Issue 114 Settlement of ABSVD for ancillary services delivered through independent aggregators - Elexon BSC.

Included on this page is an Elexon contact or questions could be raised via Elexon Support - Elexon Support Homepage - Elexon Support.

Specific data questions regarding volumes sent to Elexon can be raised via box.settlement.queries@neso.energy.

Advance Questions

Slido code #OTF

Q: (18/11/25) In Ofgem's decision document GC0137 Authority Decision 31 January 2022 re Grid Code (GC) GC0137 there is reference to the establishment of "an Expert Working Group tasked with producing a 'GB Grid Forming Best Practice Guide'". There are acknowledgements in the Guide dated April 2023, but no reference to the Expert Group. Despite that, there is evidence of "Expert Group/s" remaining, including a NESO document on the topic stating "public" but not discoverable on the web site. Can NESO:

1. State all Expert Groups that have existed and are existing.
2. Publish all historic meeting dates, meeting notes/minutes and documents.
3. Publish list(s) of members, past and present.
4. State how such groups have been constituted and how members have been selected and on what basis.
5. Review the potential impact of this/these Expert Group(s) and the disclosure of information on competition.

Advance Questions

A: Thank you for the questions. Please find the responses below, further Grid Code specific questions should be sent to: Grid.Code@neso.energy

1. Teams across NESO engage with external stakeholders in a variety of forums. In relation to the Grid Code, most industry engagement takes place through Workgroup meetings, which are part of the formal Code governance process, and where the Code Modification (Mod) (solution and legal text changes) are developed. These workgroups are open to nomination of Code parties (Schedule 1 of the Connection and Use of System Codes (CUSC), those considered to be Users of the National Electricity Transmission System (NETS)).

   We have found for some topics that it is useful to hold informal meetings prior to raising a formal Mod via Expert Groups – Grid Forming being one example others include HND (Holistic Network Design), and with others planned for the New Year on technical requirements such as Large Demand – this work will still go through the formal Grid Code Workgroup and Panel Governance process, the advantage being the solution is well advanced and has been subject to external scrutiny before the modification is formally raised . Groups are open to all interested parties. We advertise them at our main Grid Code stakeholder forum – the Grid Code Development Forum (GCDF).

   With respect to Grid Forming. There was one Expert Group which published its findings in April 2023. This is available from the following link - https://www.neso.energy/document/278491/download and the Annexes are available from https://www.neso.energy/document/278496/download. There is also now a further second Expert Group in session which started in September 2024 which aims to take on board stakeholder comments from the first Expert Group Report, learn from the industrial experience gained through the stability pathfinder work and projects progressing through the compliance process, reflect international best practice and consider if a future Grid Forming mandate should be applied to certain plant types.

Advance Questions

Slido code #OTF

A(continued):

2. All the published April 2023 documents are either in the report or the annexes – please refer to the links above. For the current Expert Group which convened in September 2024, the Expert Group will have access to the meeting dates and material presented.
3. We do not publish the Expert group material but if anyone wishes to join the Expert Group please contact Box.GBGFGridCode@neso.energy.
4. For the First Expert Group members the NESO requested those parties interested in joining the Group towards the end of the GC0137 work. Members are generally interested parties – there are not the same restrictions as there are for formal Grid Code workgroup membership (ie you must be a Code party to be a voting member). As above, we use GCDF to raise awareness, as well as Panel meetings, and previous relevant workgroup membership.
5. All members of the Expert Group have been given the opportunity to contribute and provide presentations. They have also been asked if they are happy for their presentations or the material to be made available to the group to protect their own Intellectual Property Rights (IPR) and confidentiality. Additionally, all Grid Code Mods will go through the formal governance process, which includes workgroup development, Panel scrutiny, and publication of all workgroup material, minutes etc.

Advance Questions

Slido code #OTF

Q: (24/11/25) You issued Emergency Instruction (EI) to Viking Interconnector on Thursday 20.11.2025. It has not been cancelled as of now (Monday 24.11.2025). The interconnector seems to be operating normally. What is going on?!

A: In line with our order of actions, on this occasion when commercial trading was not successful on Viking we then issued an Emergency Instruction from 15:00h to 18:00h on 20/11/25 only. Unfortunately, on this occasion we omitted to update the Elexon system warnings when we cancelled the EI. This has now been resolved.

Outstanding Questions

Slido code #OTF

Q: (05/11/25) On the data portal, the OBP Non-BM Reserve Instructions has not been updated in 3 weeks. Is there an issue with OBP, or publishing data from OBP?

Q: (19/11/25) Given the system's failure yesterday took out the EAC and CM portal - on the last day for appeals - are you looking at some back-up? Appreciate it was not NESO's fault, but it does seem to be a resilience issue.

Q: (19/11/25) Would it not make sense for non-BM units to be part of the skip rates methodology if they have a utilisation cost to Control room and are dispatched in a similar way as BM units?

Outstanding Advanced Questions

Slido code #OTF

Q: (27/10/25) Good morning NESO team. I have an advance question for the Wednesday ENCC. I appreciate that the time taken to investigate might mean that it is just listed as such this week.

The BSC Section Q6.3 lays out the timescales within which NESO is expected to deliver various DISBSAD items to Elexon.

Some of these deadlines are quite prompt in order that the data is available for Elexon to be able to include it in their Indicative CashOut calculation, approx. 15-18 mins after the hhr and .: give market participants a best view of WithinDay Imbalance price on which to base commercial decisions.

Can NESO provide some summary statistics on how well NESO is meeting their BSC obligations in respect of timely BSAD publication?

e.g. number of DISBSAD published over a time period, % that were published to Elexon in time, % that didn't meet the BSC timescales.

As the obligations are different for categories of BSAD e.g. DISBSAD for System / Energy Schedule 7 vs DISBAD for STOR vols, the metrics would need to be split accordingly

Outstanding Advanced Questions

Slido code #OTF

Q: (28/10/25) With respect to the Transmission Works Register 17 October 2025, there are 3 different entries with respect to the Lackenby -Thornton circuits with earliest effective dates in an 8 year period. These works are: 101386-202715, 101386-202716, and 031380-031380. Is it correct that these 2 circuits are to have 3 separate upgrades in 8 years?

Q: (06/11/2025) According to the ENTSO-E Report on the Iberian Blackout, the 76 Operational PMUs (Phasor Measurement Units) in Spain enabled the establishment of important facts in relation to events there. What access does NESO have to PMUs in GB, how many, when were they established and in what locations? Where is this data published? Does NESO have unfettered access to use and publish the data collected by these PMUs in GB? Can NESO provide any examples of PMU data used in the OTF?

Q: (19/11/25) The Generating Plant Operating Margin forecast for Monday 17 Oct was highly fluctuating in the days leading up to delivery. From 9GW to 3.5GW to 11GW to 6GW. Can you explain the component parts to this forecast and why it can be so wide-ranging.

NESO National Energy System Operator

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: box.nc.customer@neso.energy.
- **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

NESO National Energy System Operator

slido

Audience Q&A

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

Feedback

Slido code #OTF

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@neso.energy

Appendix

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@neso.energy

- **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

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).