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NESO Operational Transparency Forum

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

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

NESO National Energy System Operator

Future deep dive / focus topics

Slido code #OTF

Today's deep dive

Initial National Demand Outturn (INDO)

Future

120 GVA.s Minimum Inertia System Review – 29 January

Balancing costs summer feedback – 5 February

BSAD Follow Up – 26 February

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

Future of Registration Webinar: 23 January 2025 11:00 to 12:00

Register

Slido code #OTF

We are changing the way we manage Registrations for the Balancing Mechanism (BM).

From 14 February 2025 we will start moving the BM registration processes to the Single Markets Platform (SMP). This will bring BM Registration in line with Balancing Services.

This enables customers to input and update their unit data directly and upload required documentation to SMP. This in turn allows automatic validation reducing the time needed for some process steps and improving data quality.

For more information, please join the webinar to find out:

- What is changing and why
- What this means for you, our customers, and for NESO
- How we will support you and what resources will be available for this
- BM Registration on the Single Markets Platform: Demonstration

and to have your questions answered.

Slides, webinar recording and Q&A will be published at:

Balancing Mechanism Wider Access | National Energy System Operator

under “Registration and Onboarding Drop In Sessions

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Removal of MODIS REMIT data submissions

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Proposal

- To discontinue REMIT submissions through MODIS.

Why now

- We are planning to migrate MODIS to a new platform later this year – removing this function will simplify that process.
- Most market participants now submit REMIT data directly through the ELEXON portal.

Timeline

- We are proposing to move any remaining parties across to the ELEXON route by July this year.

Customer support

- ELEXON are fully supportive of this change and will provide detailed guidance and support to set up REMIT submissions directly to the ELEXON portal.
- We are happy to discuss this transition in more detail with each party and can organise a separate dedicated session to explain the process for setting up a new submission to the ELEXON portal in more detail.
- Please share the above proposal with your relevant teams if this applies to you.
- Contact us at: box.modis.business@nationalenergyso.com

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ELEXON Portal REMIT submissions

- Since inception, Elexon have provided interfaces to submit REMIT data via a POST API or website interface
- Users are required to create accounts via the Elexon Portal and are then authorised to submit data against specific assets; i.e. BSC Category A Signatories can assign permissions to other users to submit data for their organisation
- REMIT API is resilient, highly available, low latency, supported 24/7 and Elexon will provide a routine test environment
- Further details are available here: https://www.elexonportal.co.uk/remituserguide

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Balancing Programme Beyond 2025 Webinar

Slido code #OTF

Date: 30 January 2025

Time: 2:30 – 3:30pm

Location: Microsoft Teams

We will share stakeholder feedback on the potential balancing & forecasting capabilities we have identified for beyond 2025. This is your opportunity to further contribute ideas and views as we continue to shape our future delivery.

You can read more about the capabilities and future engagement **here**.

To sign up to the event, click **here**.

To stay up to date with the latest information from the Balancing Programme, subscribe to the NESO newsletter by clicking **here**, and selecting 'Future of Balancing Services inc. Balancing Programme'.

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

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OTF Survey January 2025

To ensure the OTF continues to develop and meet the needs of our customers who join this operational forum, we are publishing a further survey reflecting on the OTF throughout 2024.

- This survey is shorter than previous years
- It will take you less only 5 minutes to complete
- It has been constructed to provide us with a better understanding of what you need and expect from the OTF
- The survey is open until 31 January 2025
- Access from link bottom right, OTF webpage or from email invitation (registered participants)
- We are committed to sharing outputs
- We will consider all feedback and share individual responses
- We will update at OTF on progress

Please help us to improve the OTF – complete the survey NOW!

Update at 22 Jan:

- **Over 2000 invitations issued**
- **8 responses so far**

Please tell us what you think!

OTF Survey of 2024

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Future Event Summary

Event	Date & Time	Link
Response Reform Webinar	22 January 2025 (15:00–16:30)	Register here
Future of Registration webinar (NESO processes)	23 January 2025 (11:00-12:00)	Register here
Balancing Programme Beyond 2025 Webinar	30 January 2025 (14:30-15:30)	Register here
OTF Survey Closing Date	31 January 2025	Complete Survey (approx. 5 min survey)

Public

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INDO – Initial National Demand Outturn

John Walsh

22 January 2025

OTF

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National Energy System Operator

Agenda

Slido code #OTF

- National Demand definition
- INDO definition
- Methodology
- Exclusions
- Flaws and Myths
- Example
- System Map
- Next steps for NESO
- Questions for Consumers?

National Demand definition

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National Demand is defined in the Grid Code as:

The amount of electricity supplied from the Grid Supply Points plus:-

that supplied by Embedded Large Power Stations, and National Electricity Transmission System Losses,

minus:-

the Demand taken by Station Transformers and, Pumped Storage Units' and Electricity Storage Modules'.

and, for the purposes of this definition, does not include:-

any exports from the National Electricity Transmission System across External Interconnections..

NESO are obligated to forecast and publish the National Demand Forecast (NDF) under the Grid Code.

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INDO definition

Initial National Demand Outturn (INDO) is defined in the Balancing & Settlement Code(BSC) as:

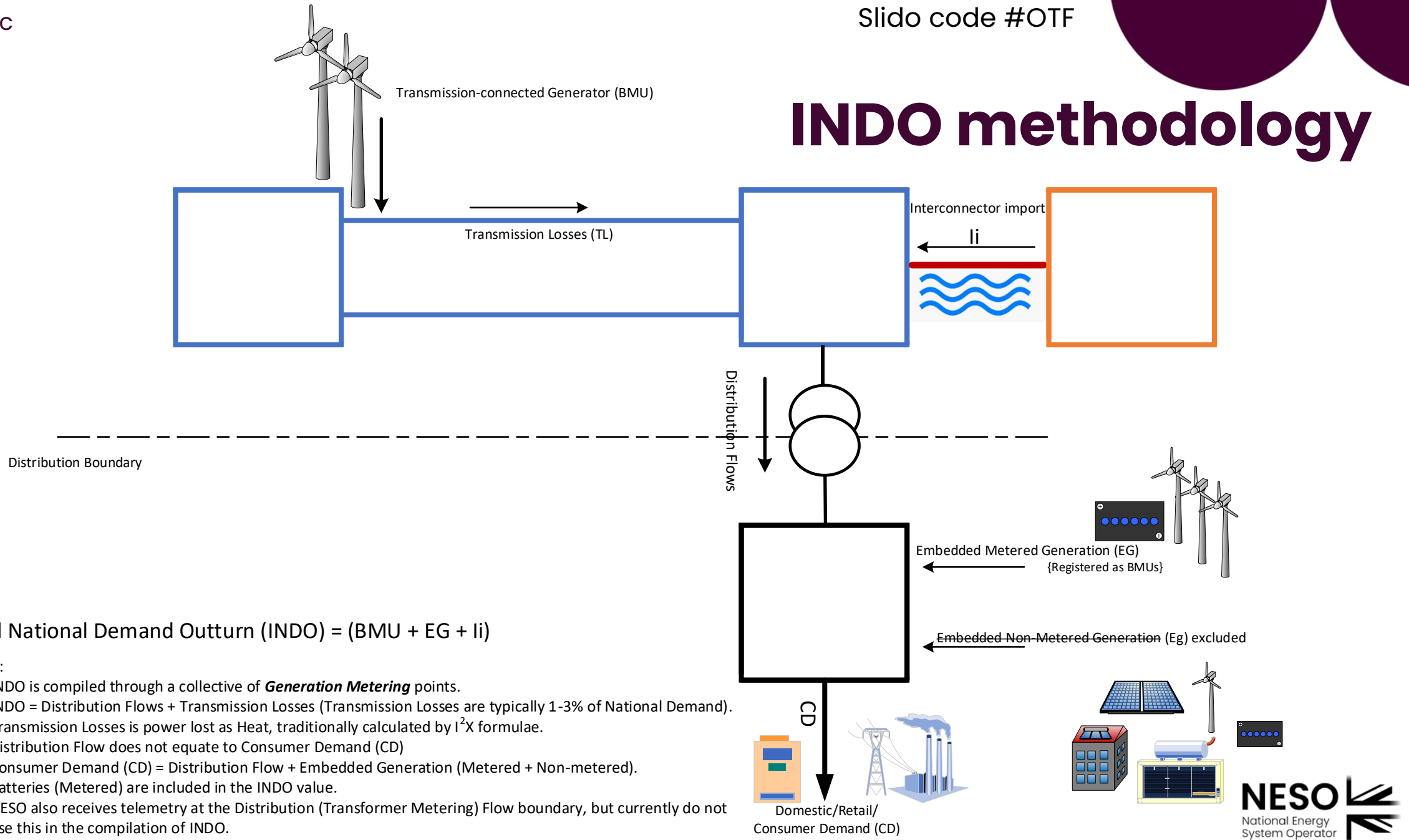
> The demand metered by the National Electricity Transmission System Operator (NETSO) taking into account transmission losses; but not including station transformer load, pumped storage demand or Interconnector demand.

NESO are obligated to publish INDO, under the Balancing and Settlement Code.

INDO is updated every 30 minutes and within 15 minutes of the end of the effective Settlement Period.

INDO is simply an immediate post-event indicator for National Demand.

INDO methodology



Initial National Demand Outturn (INDO) = (BMU + EG + Ii)

Notes:

- INDO is compiled through a collective of ***Generation Metering*** points.
- INDO = Distribution Flows + Transmission Losses (Transmission Losses are typically 1-3% of National Demand).
- Transmission Losses is power lost as Heat, traditionally calculated by I^2X formulae.
- Distribution Flow does not equate to Consumer Demand (CD)
- Consumer Demand (CD) = Distribution Flow + Embedded Generation (Metered + Non-metered).
- Batteries (Metered) are included in the INDO value.
- NESO also receives telemetry at the Distribution (Transformer Metering) Flow boundary, but currently do not use this in the compilation of INDO.
- Consumer Demand (CD) is not an official industry term – used for illustration only.

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INDO exclusions

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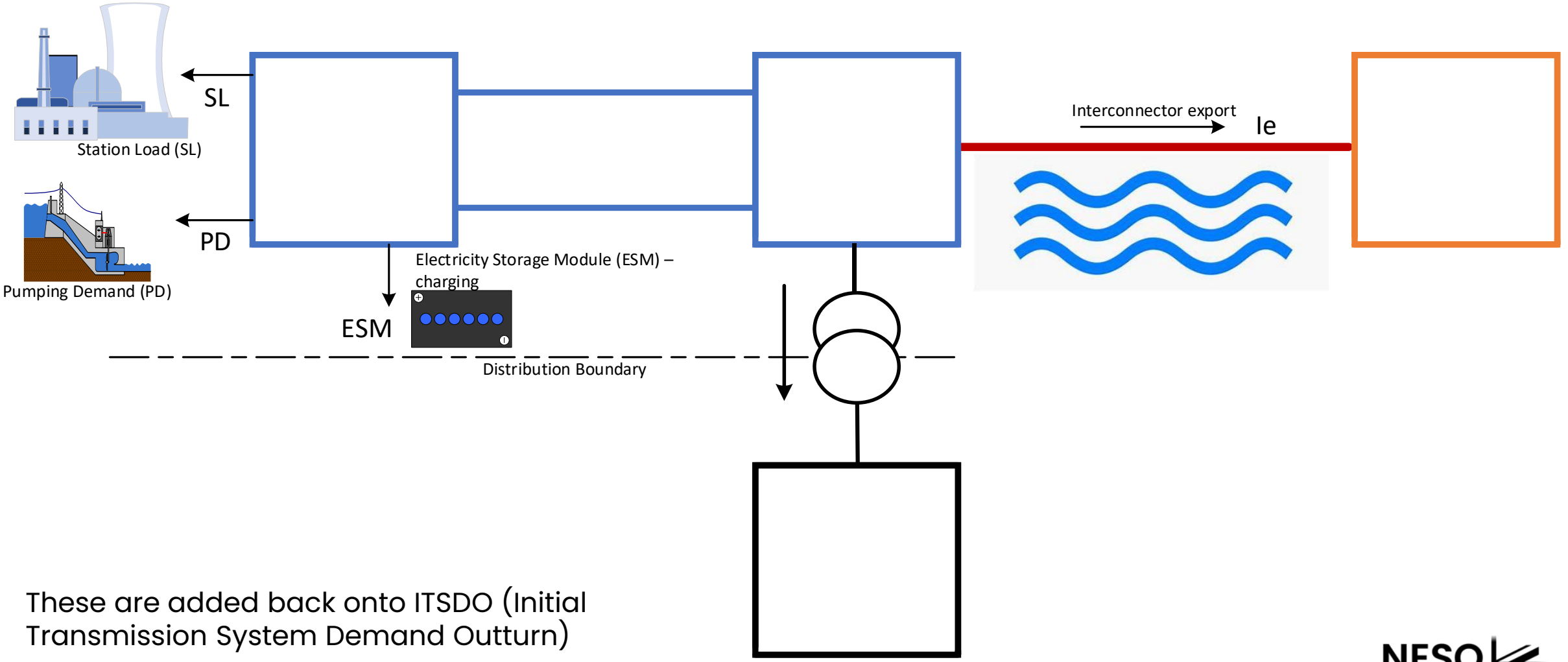

These are added back onto ITSDO (Initial Transmission System Demand Outturn)

Flaws and Myths of INDO

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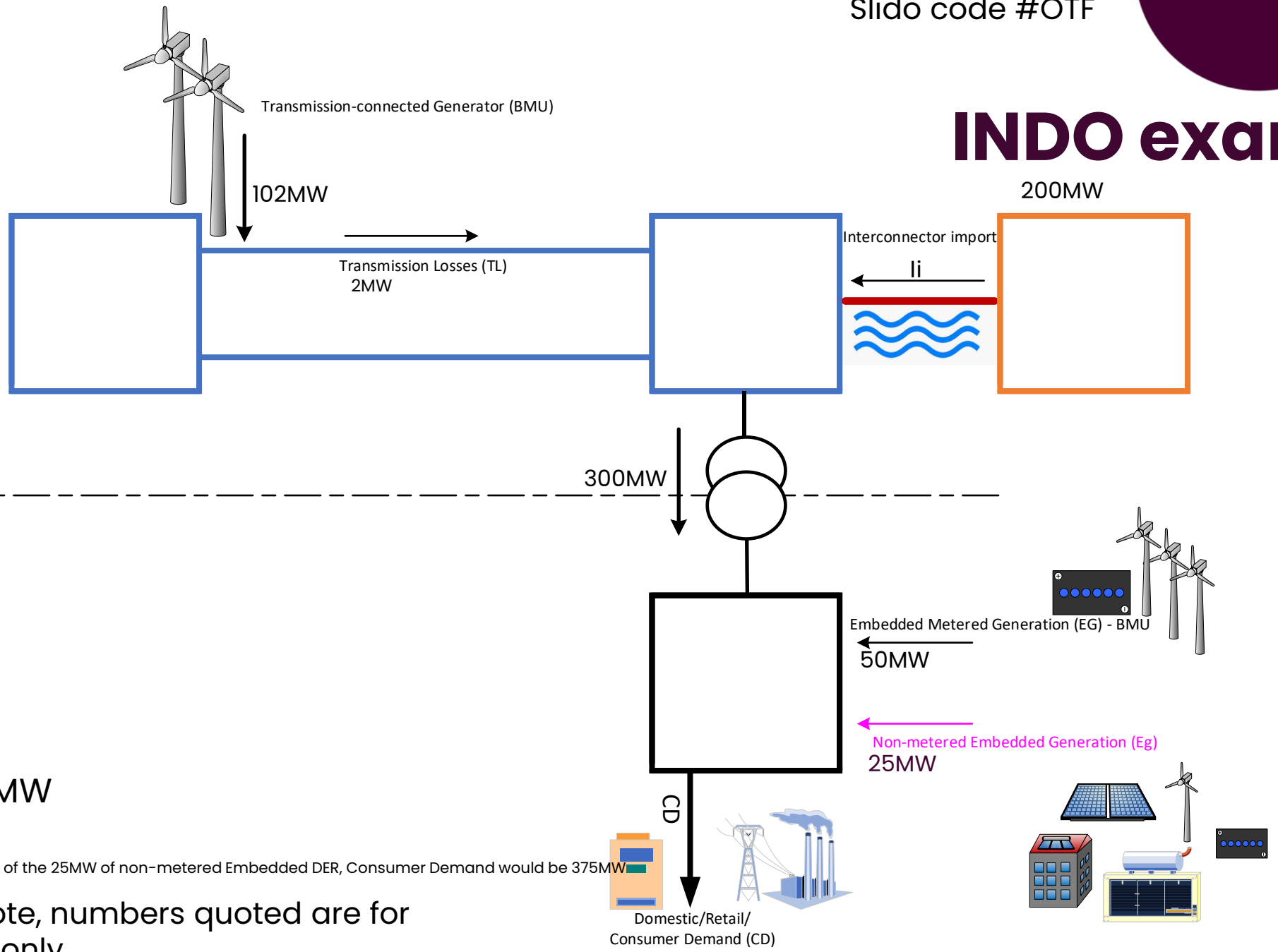
Initial National Demand Outturn (INDO) is not a complete representation of the total Distribution Network Owner demand :

- INDO is compiled through a series of ***Generation*** measurements.
- INDO excludes Distribution Demand met by local embedded Non-metered (BTM) generation sources. i.e. Small DERs and almost all solar installations are excluded.
  - True Demand (effects of non-metered Wind and Solar excluded) is considerably higher.
  - Underlying Demand (effects of all embedded generation sources excluded) is higher still.
- INDO includes directly-connected (Transmission) consumer sources, such as rail network demand or large industrial sites.
- INDO includes the effects of Balancing Actions by the ENCC, that are enacted on non-BMU assets.
- INDO includes the effects of demand management and similar consumer activities.
- INDO methodology and reporting captures telemetry (generator) metering errors and faults, so is always flawed and distorted. But it is only intended to be an indicative value.

Notes:
1. INDO is often used as a front-end data input, by third-party commercial forecasters.

BTM – Behind the Meter.
DER – Distributed Energy Resources.

INDO example



INDO = 352MW

Note:
INDO excludes the effects of the 25MW of non-metered Embedded DER, Consumer Demand would be 375MW

Please note, numbers quoted are for example only

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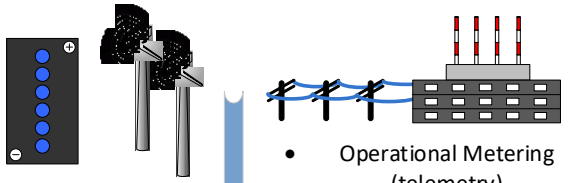
INDO System-map

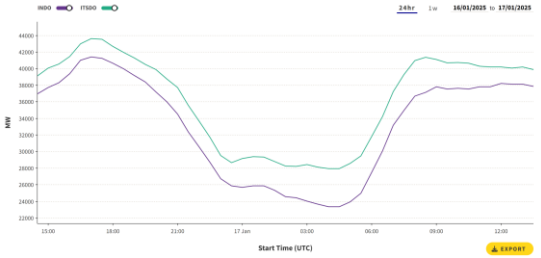
External

Internal



- Operational Metering (telemetry)

Elexon



BMRS

- Initial National Demand Outturn (INDO)

Integrated Energy Management System (iEMS)

SCADA

- SCADA telemetry (INDO components)

Energy Balancing

System Operation Real-Time system (SORT)

- SCADA telemetry (INDO Summations)

Energy Forecasting System (EFS)

- INDO - used for Demand Forecast performance (Ofgem) evaluation

SCADA – Substation Control And Data Acquisition

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Next Steps for NESO – INDO Audit

- Conduct an internal audit on the calculation methodology.
- Explore alternative methods of determining INDO values and publication.

Next Steps for Industry - Feedback

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- Is INDO of value to you?
- Do you use any other NESO “Demand” data sets in preference?
- Do you need wider visibility *Consumer Demand* …. Accepting that the values would be estimated – at least initially?
- Would any other “Demand-based” definitions be of greater value?

We value your comments, please send them to Box.NC.Customer@nationalenergyso.com

Demand | Last week demand out-turn

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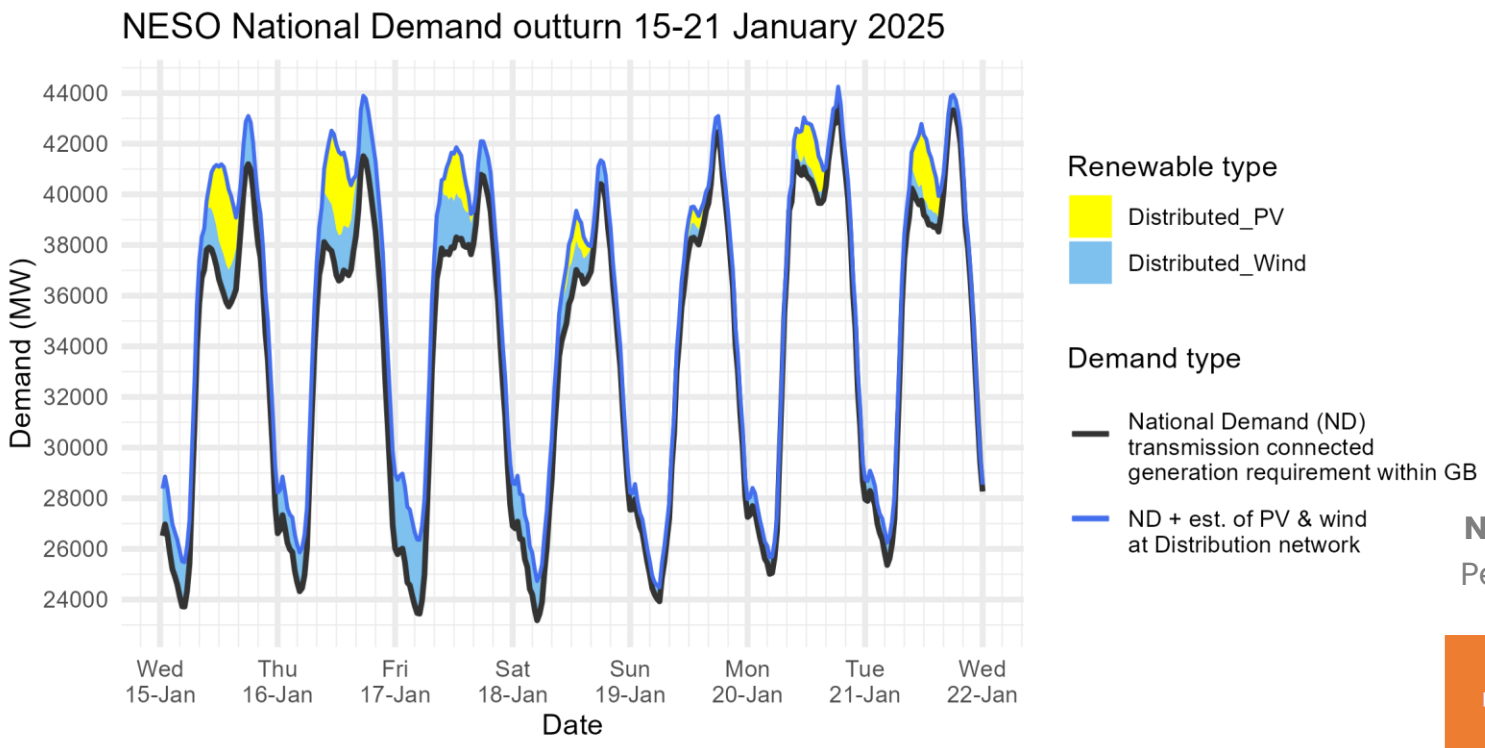

Distributed generation

Peak values by day

Date	OUTTURN Daily Max Dist. PV (GW)	OUTTURN Daily Max Dist. Wind (GW)
15 Jan 2025	3.5	1.9
16 Jan 2025	3.3	3.0
17 Jan 2025	1.9	3.0
18 Jan 2025	1.2	1.8
19 Jan 2025	0.7	0.7
20 Jan 2025	1.7	0.8
21 Jan 2025	2.5	1.0

National Demand

Peaks and troughs

Date	Forecasting Point	FORECAST (Wed 15 Jan) National Demand (GW)	FORECAST (Wed 15 Jan) Dist. wind (GW)	OUTTURN National Demand (GW)	OUTTURN Triad Avoidance est. (GW)	OUTTURN N. Demand adjusted for TA (GW)	OUTTURN Dist. wind (GW)
15 Jan 2025	Evening Peak	42.4	1.8	41.2	0.0	41.2	1.9
16 Jan 2025	Overnight Min	24.7	1.6	24.3	n/a	n/a	1.5
16 Jan 2025	Evening Peak	42.6	2.4	41.5	0.0	41.5	2.4
17 Jan 2025	Overnight Min	23.5	2.9	23.4	n/a	n/a	2.9
17 Jan 2025	Evening Peak	41.6	2.0	40.8	0.0	40.8	1.3
18 Jan 2025	Overnight Min	23.9	2.1	23.2	n/a	n/a	1.6
18 Jan 2025	Evening Peak	39.9	1.9	40.4	0.0	40.4	0.9
19 Jan 2025	Overnight Min	24.4	1.4	23.9	n/a	n/a	0.6
19 Jan 2025	Evening Peak	41.6	1.4	42.5	0.0	42.5	0.6
20 Jan 2025	Overnight Min	25.1	1.3	25.0	n/a	n/a	0.7
20 Jan 2025	Evening Peak	44.3	1.3	43.6	0.0	43.6	0.7
21 Jan 2025	Overnight Min	25.9	1.3	25.4	n/a	n/a	0.9
21 Jan 2025	Evening Peak	44.6	1.1	43.3	1.3	44.6	0.6

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

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

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

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

Demand | Week Ahead

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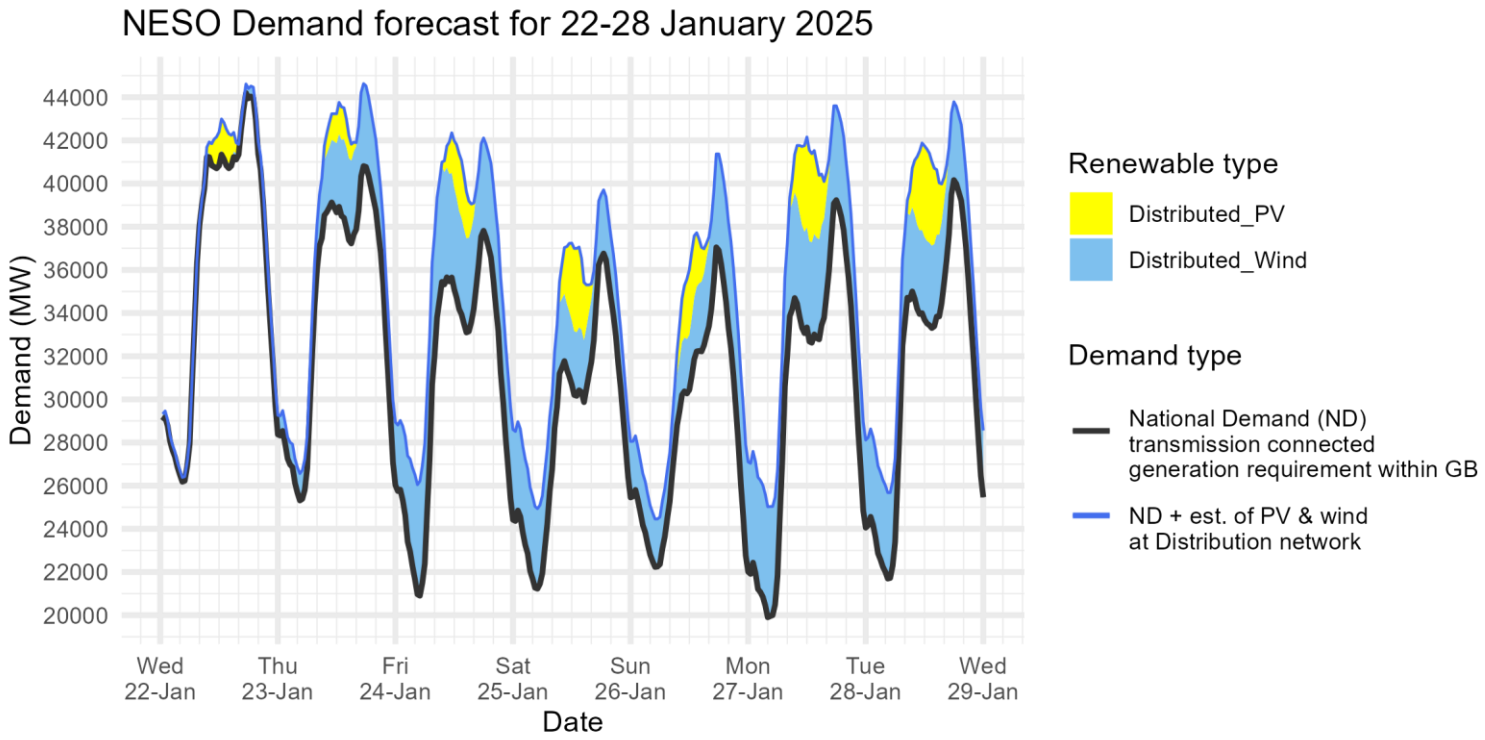

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National Demand

Peaks and troughs

		FORECAST (Wed 22 Jan)	
Date	Forecasting Point	National Demand (GW)	Dist. wind (GW)
22 Jan 2025	Overnight Min	26.2	0.2
22 Jan 2025	Evening Peak	44.2	0.4
23 Jan 2025	Overnight Min	25.3	1.2
23 Jan 2025	Evening Peak	40.8	3.8
24 Jan 2025	Overnight Min	20.9	5.3
24 Jan 2025	Evening Peak	37.8	4.3
25 Jan 2025	Overnight Min	21.2	3.7
25 Jan 2025	Evening Peak	36.8	2.9
26 Jan 2025	Overnight Min	22.2	2.2
26 Jan 2025	Evening Peak	37.0	4.3
27 Jan 2025	Overnight Min	19.9	5.1
27 Jan 2025	Evening Peak	39.2	4.4
28 Jan 2025	Overnight Min	21.7	4.0
28 Jan 2025	Evening Peak	40.2	3.6

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Operational Margins | Week Ahead

Slido code #OTF

How to interpret this information

This slide sets out our view of operational margins for the next week. We are providing this information to help market participants identify when tighter periods are more likely to occur such that they can plan to respond accordingly.

The table provides our current view on the operational surplus based on expected levels of generation, wind and peak demand. This is based on information available to NESO as of 22nd January and is subject to change. It represents a view of what the market is currently intending to provide before we take any actions. The interconnector flows are equal to those in the Base case presented in the Winter Outlook.

The indicative surplus is a measure of how tight we expect margins to be and the likelihood of the NESO needing to use its operational tools.

For higher surplus values, margins are expected to be adequate and there is a low likelihood of the NESO needing to use its tools. In such cases, we may even experience exports to Europe on the interconnectors over the peak depending on market prices.

For lower (and potentially negative) surplus values, then this indicates operational margins could be tight and that there is a higher likelihood of the NESO needing to use its tools, such as interconnector trading and issuing margins notices. We expect there to be sufficient supply available to respond to these signals to meet demand.

Margins are adequate for the next week.

Day	Date	Notified Generation (MW)	Wind (MW)	IC Flows* (MW)	Peak demand (MW)	Indicative surplus (MW)
Thu	23/01/2025	41973	15730	3380	41410	13470
Fri	24/01/2025	43370	15120	3380	38420	16960
Sat	25/01/2025	43428	11210	3760	37360	14240
Sun	26/01/2025	43391	16420	3760	37650	18540
Mon	27/01/2025	43262	15890	3760	39830	16450
Tue	28/01/2025	43317	15520	3760	40760	14730
Wed	29/01/2025	43334	13480	3760	41040	13560

*Interconnector flow in line with the Winter Outlook Report Base Case but will ultimately flow to market price

Margins do not include NESO enhanced or emergency actions

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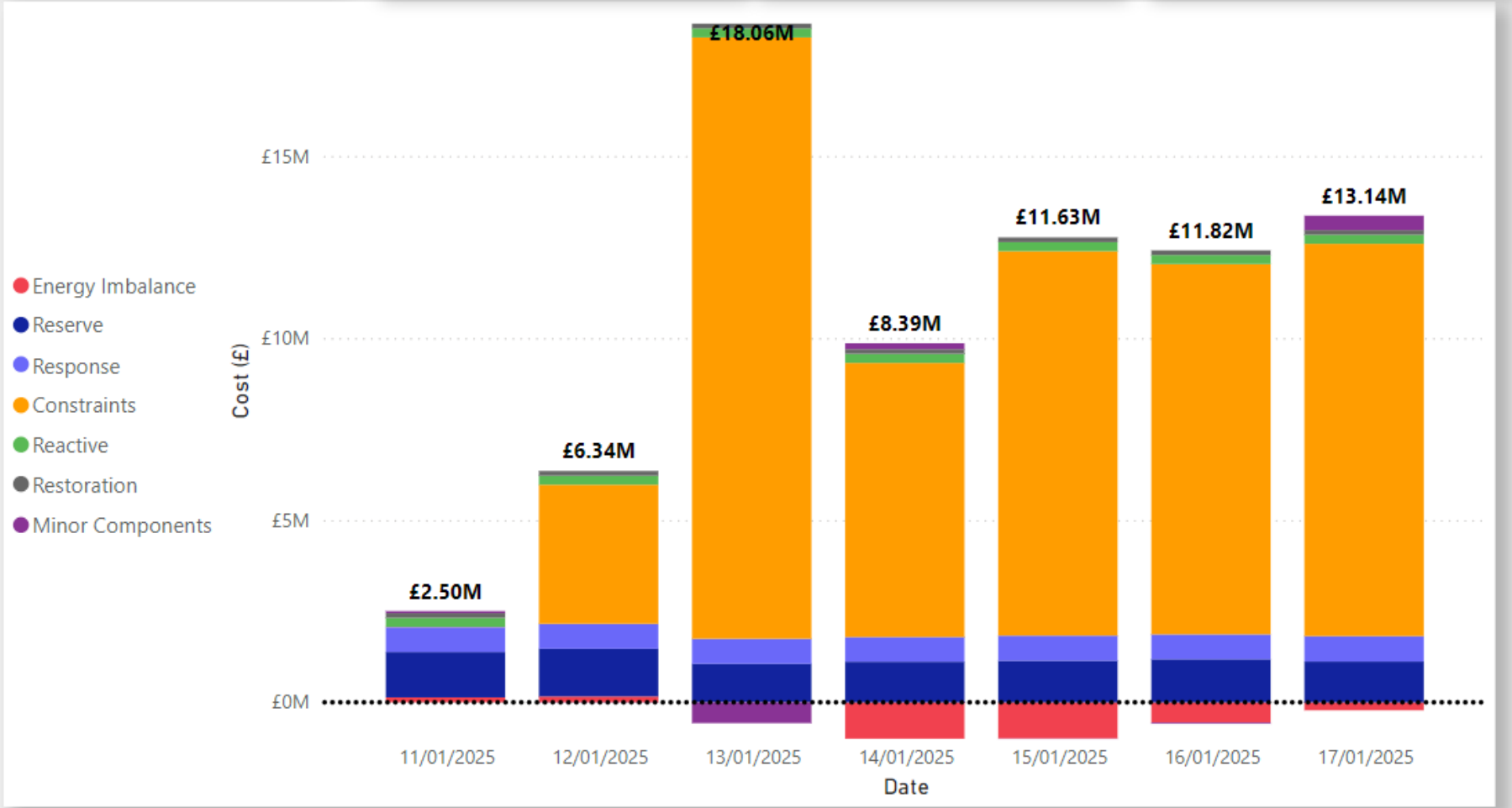
NESO Actions | Category Cost Breakdown

Slido code #OTF

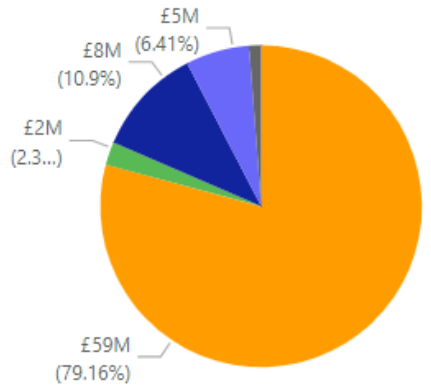
Date
11/01/2025 17/01/2025

Weekly Total Costs (£)	Last Week Total Costs (£)	Past 30-Day Average Costs (£)
£71.9M	£48.0M	£9.9M



Date	Total Outturn Cost
11/01/2025	£2,504,476
12/01/2025	£6,343,666
13/01/2025	£18,063,096
14/01/2025	£8,385,569
15/01/2025	£11,633,042
16/01/2025	£11,824,573
17/01/2025	£13,143,979
Total	£71,898,400

Weekly Cost (£) and Share (%)



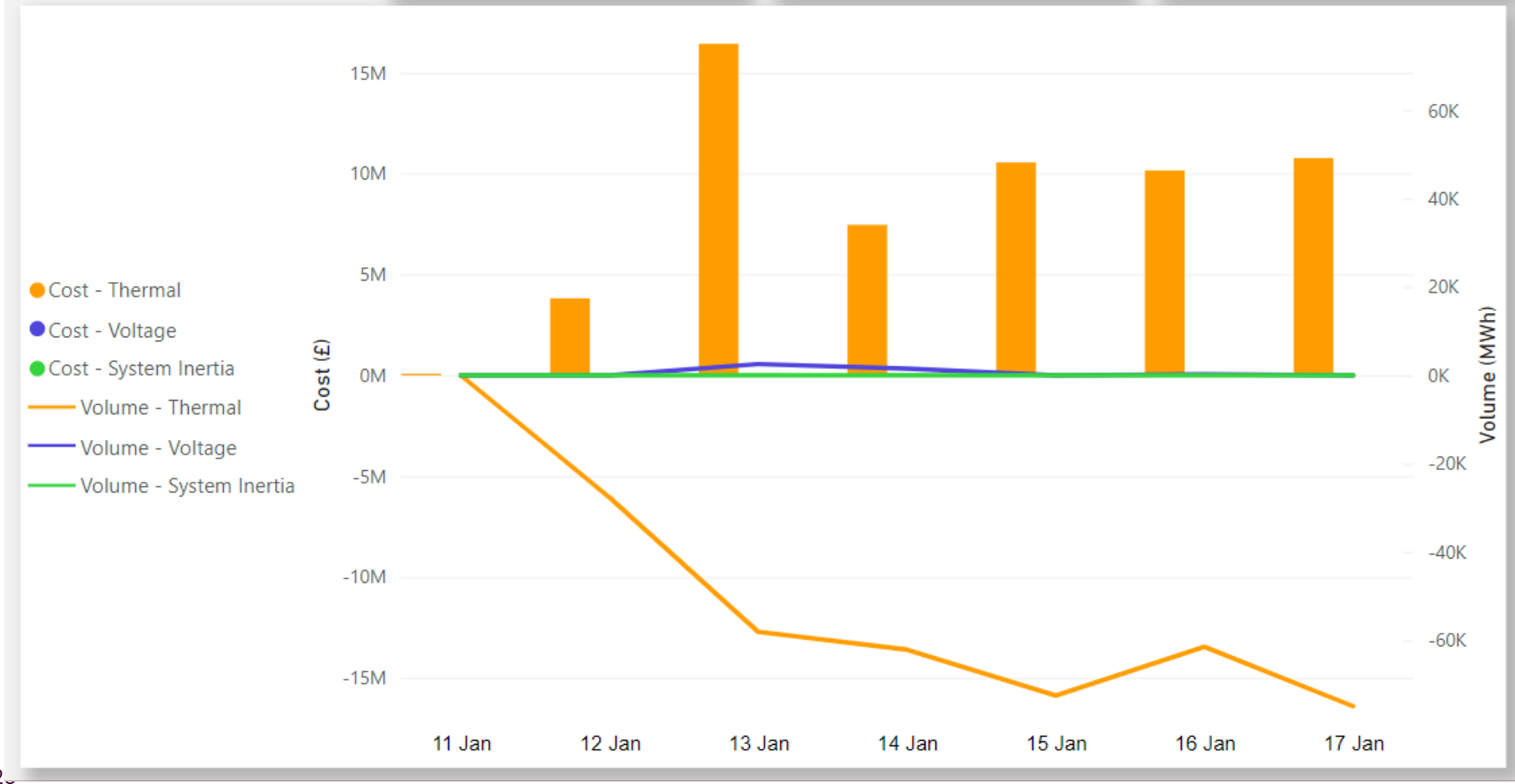
NESO Actions | Constraint Cost Breakdown

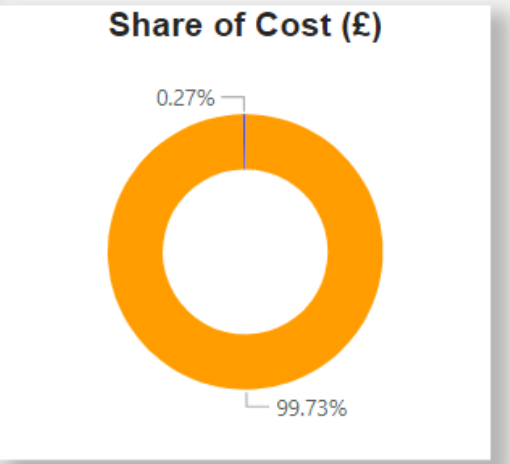
Slido code #OTF

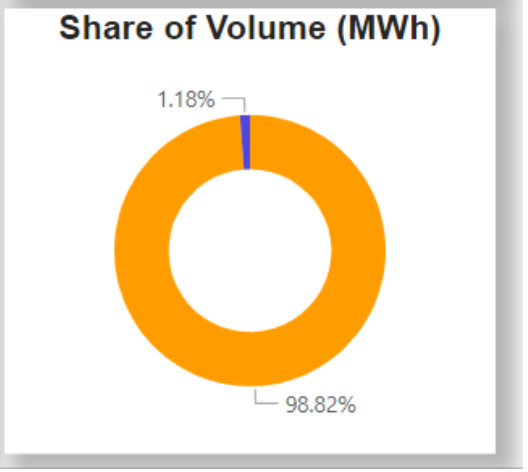
Date

11/01/2025 17/01/2025

Thermal Constraints		Voltage Constraints		System Inertia	
Costs (£)	Vol (MWh)	Costs (£)	Vol (MWh)	Costs (£)	Vol (MWh)
59.19M	357.05K	158.63K	4.27K	0.00	0.00

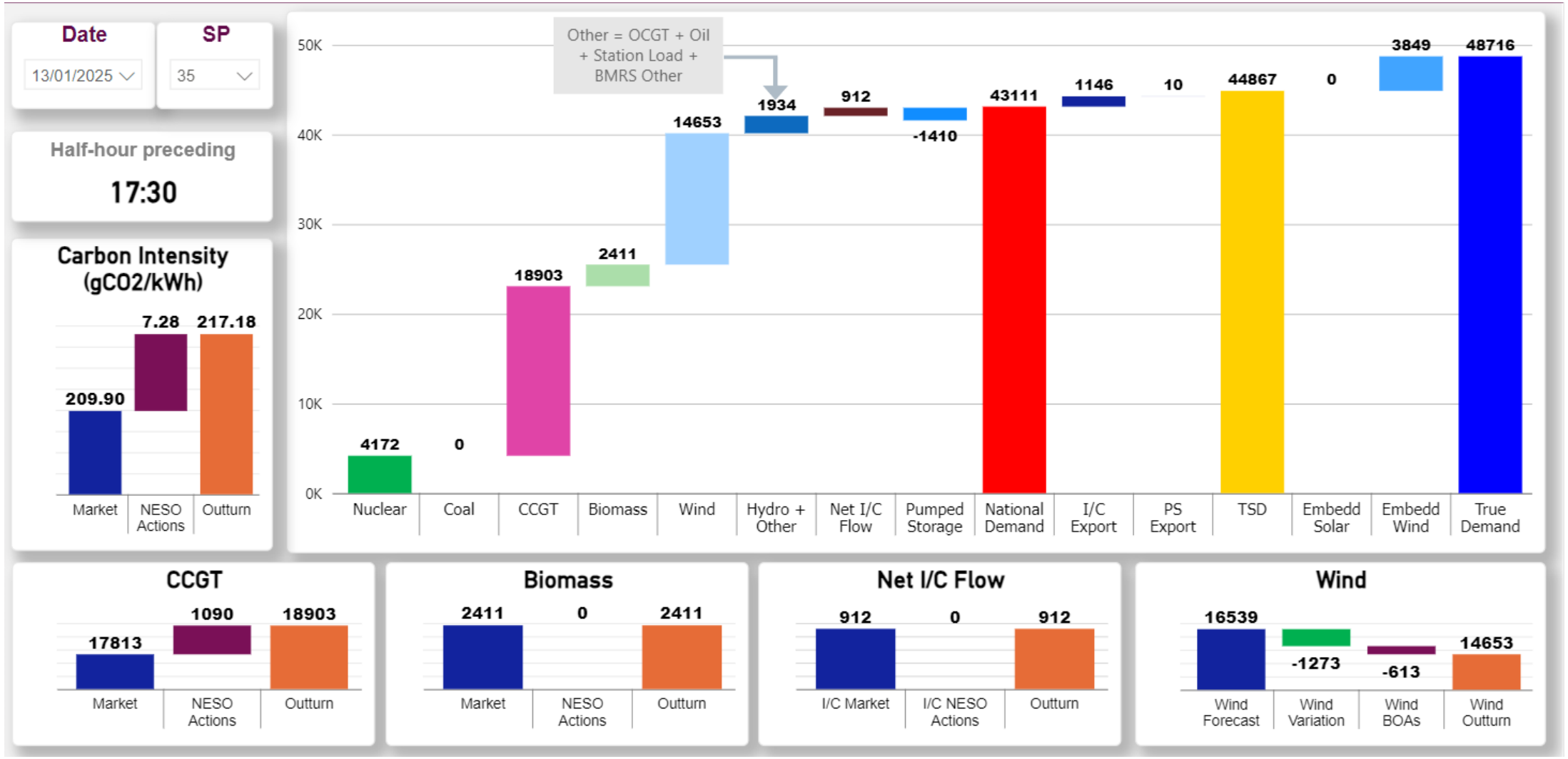






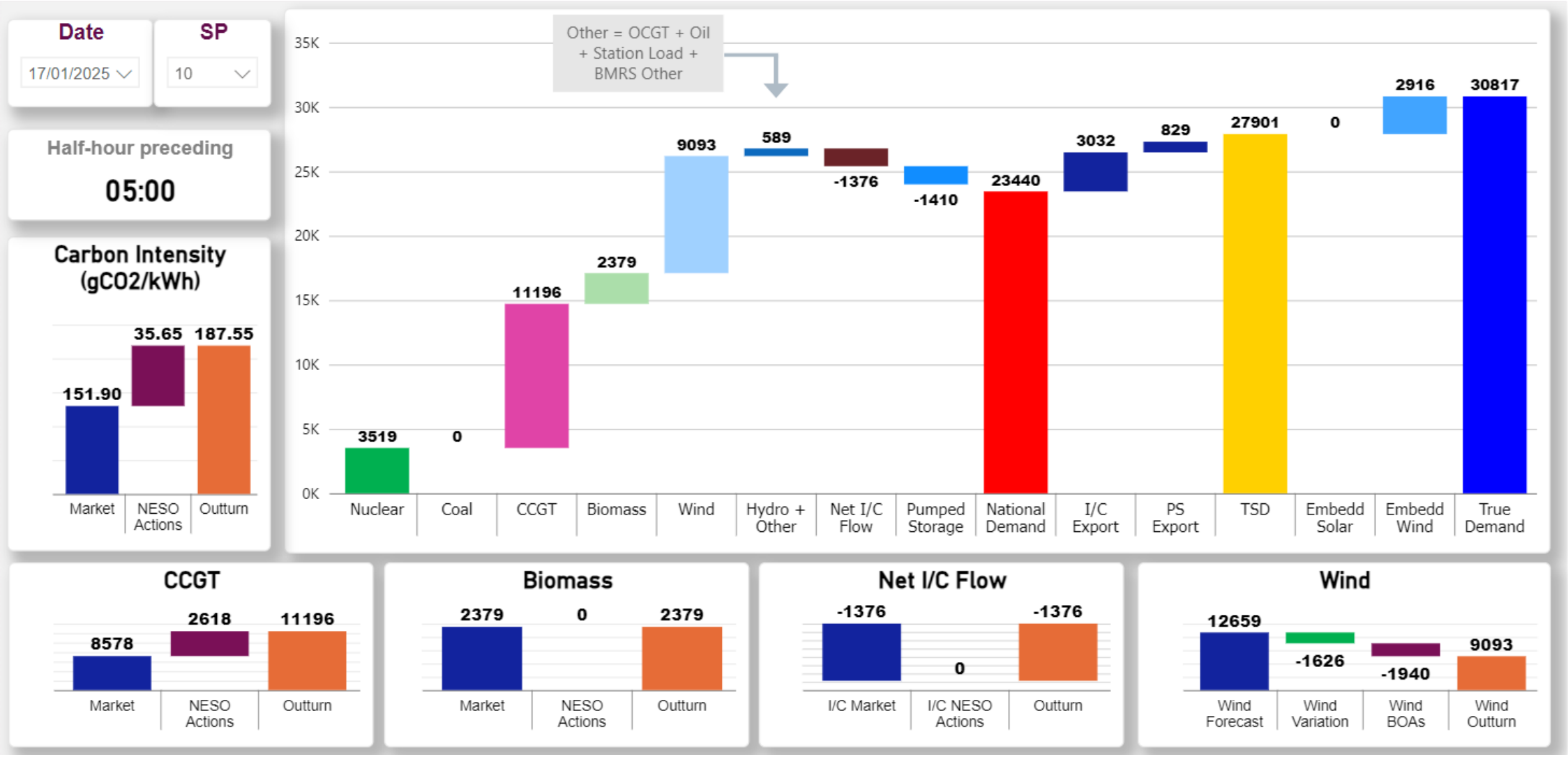
NESO Actions | Peak Demand – SP spend ~ £324k
Monday 13th January

Slido code #OTF



Slido code #OTF

NESO Actions | Minimum Demand – SP spend ~ £420k
Friday 17th January



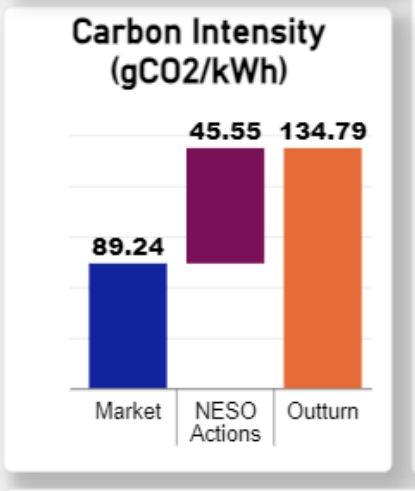
NESO Actions | – Highest SP spend ~ £520k Monday 13th January

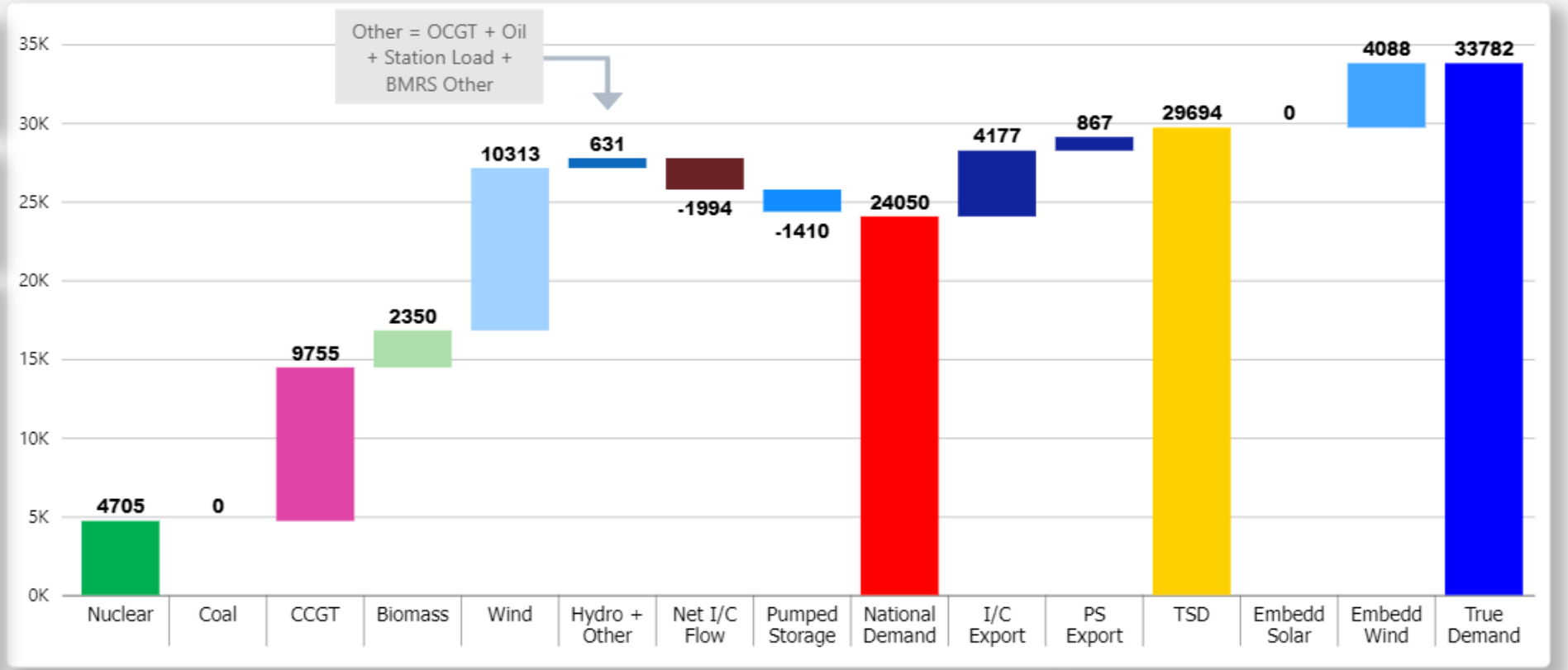
Slido code #OTF

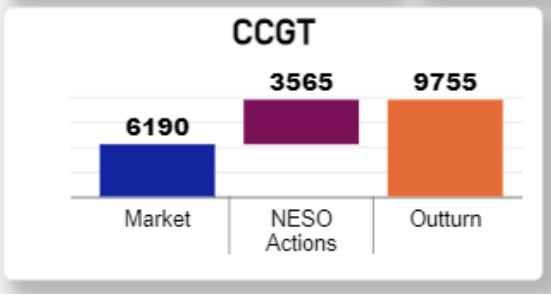
Date: 13/01/2025

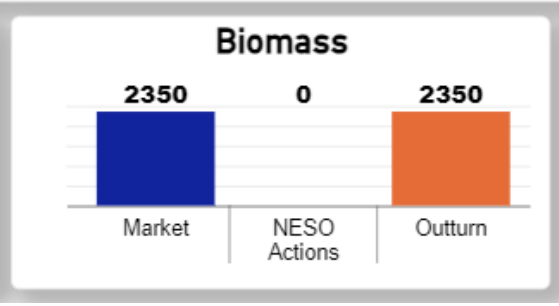
SP: 11

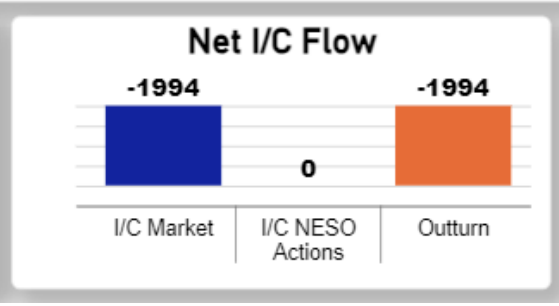
Half-hour preceding: 05:30

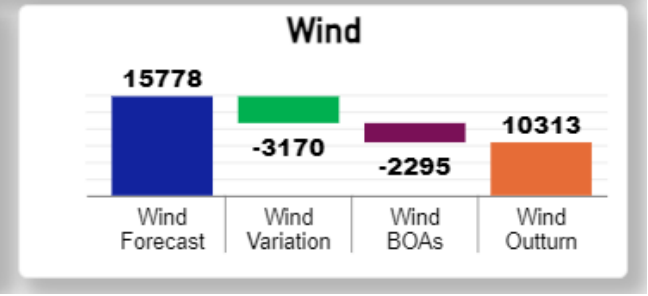






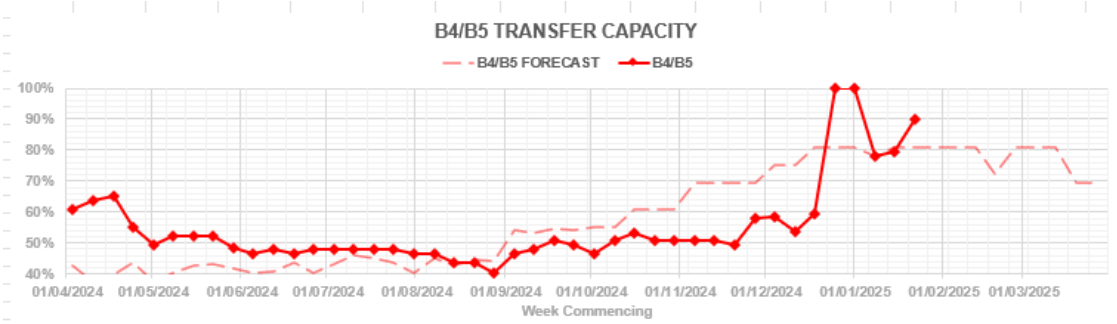


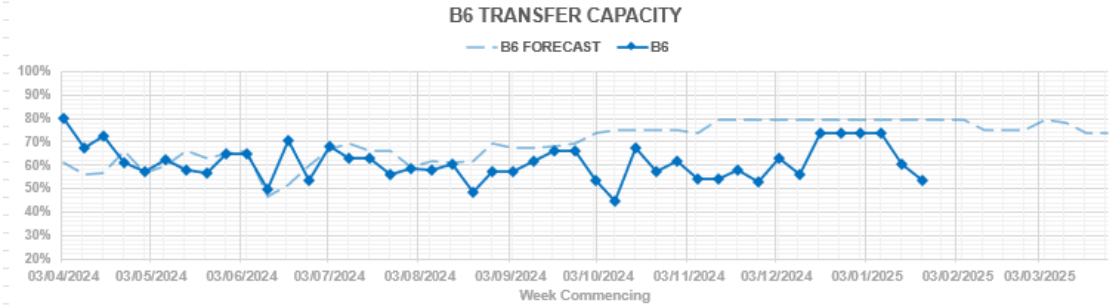


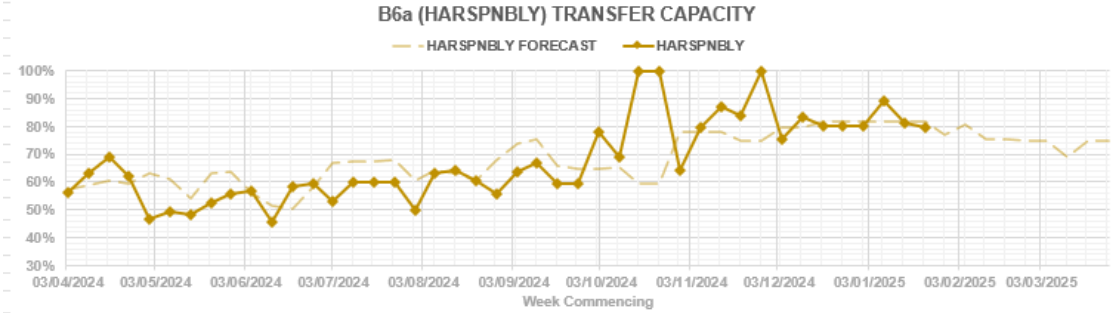


Transparency | Network Congestion

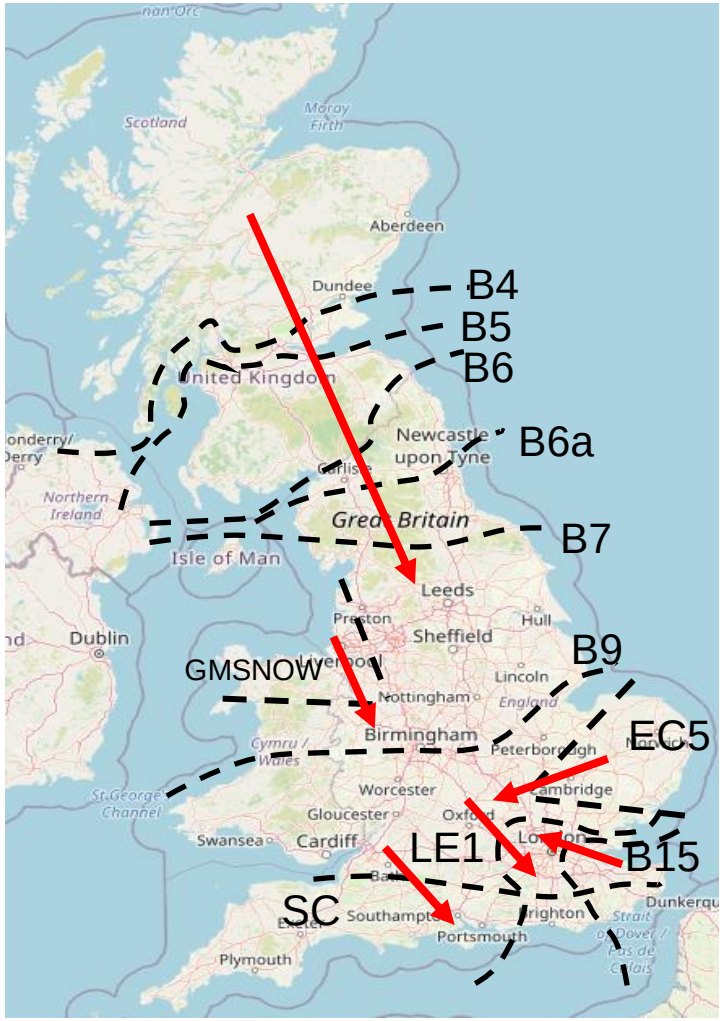
Slido code #OTF







Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	90%
B6 (SCOTEX)	6800	54%
HARSPNBLY	8000	79%
B7 (SSHARN)	8325	87%
GMSNOW	4700	55%
EC5	5000	100%
LE1 (SEIMP)	8500	72%
B15 (ESTEX)	7500	100%
SC1	7300	100%



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

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

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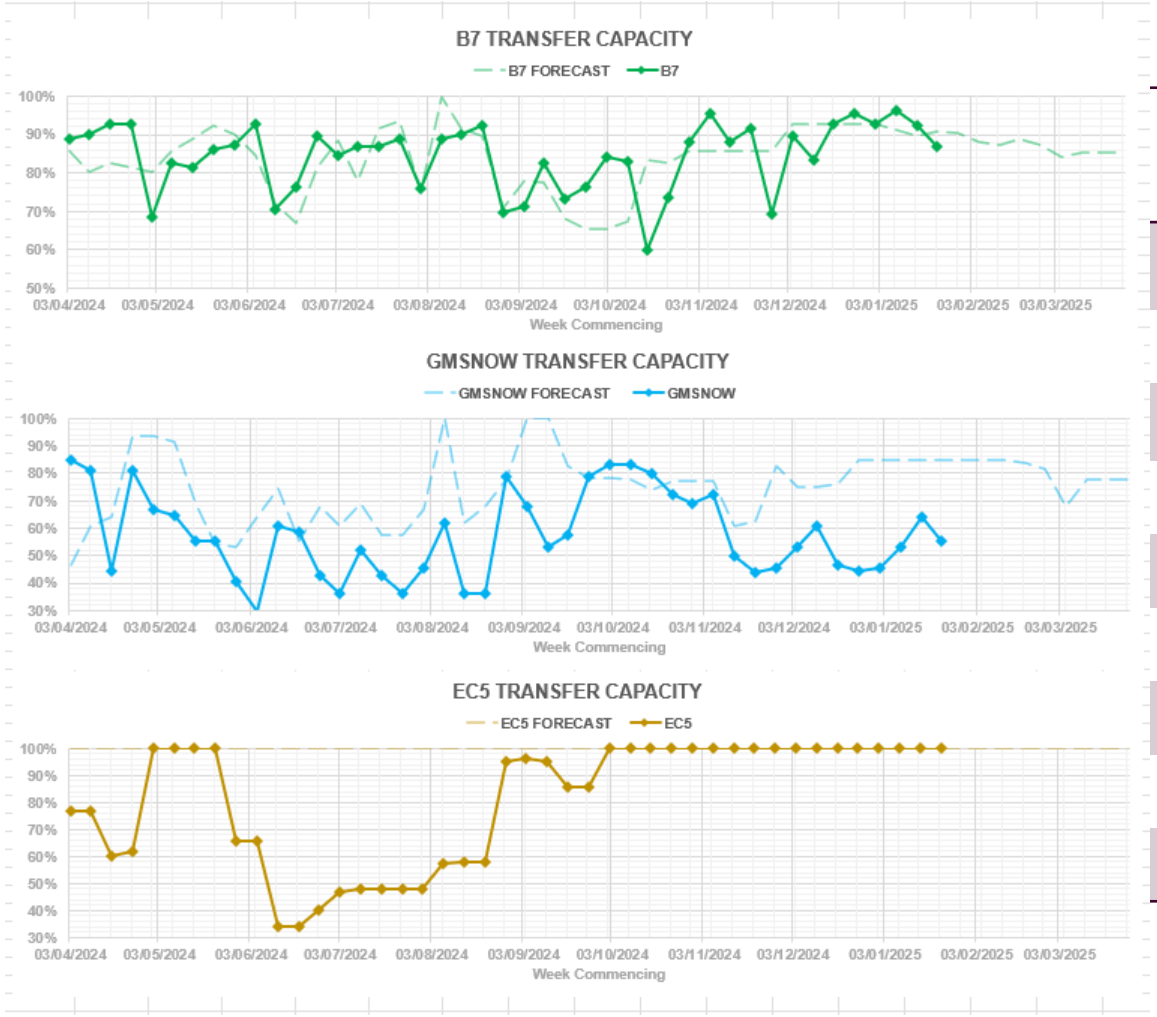
Transparency | Network Congestion

Slido code #OTF



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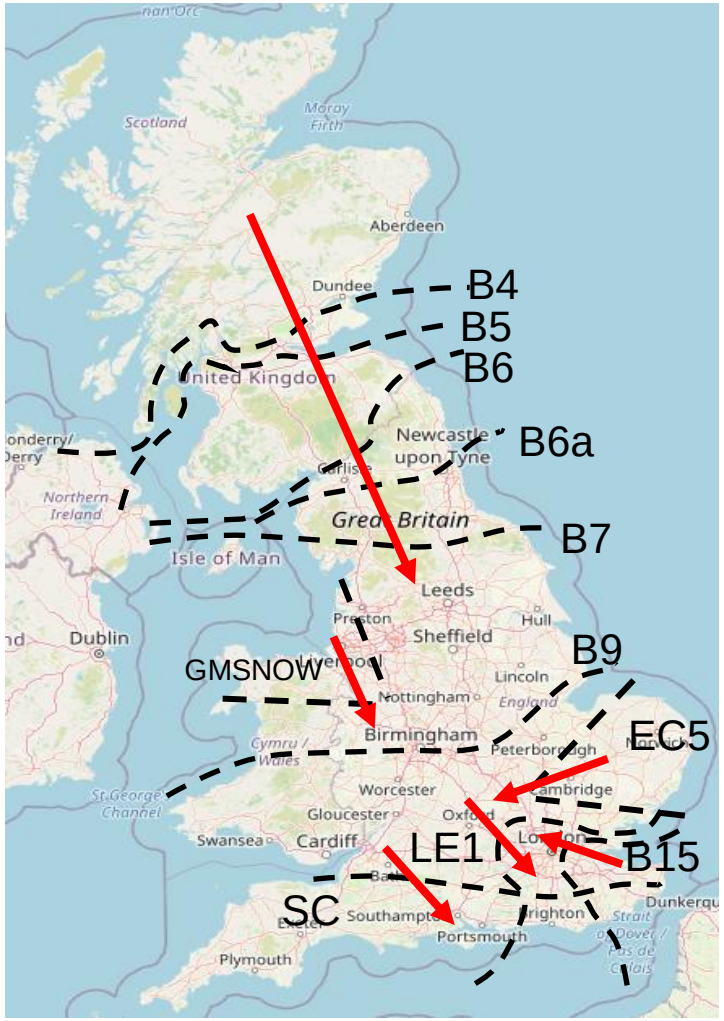

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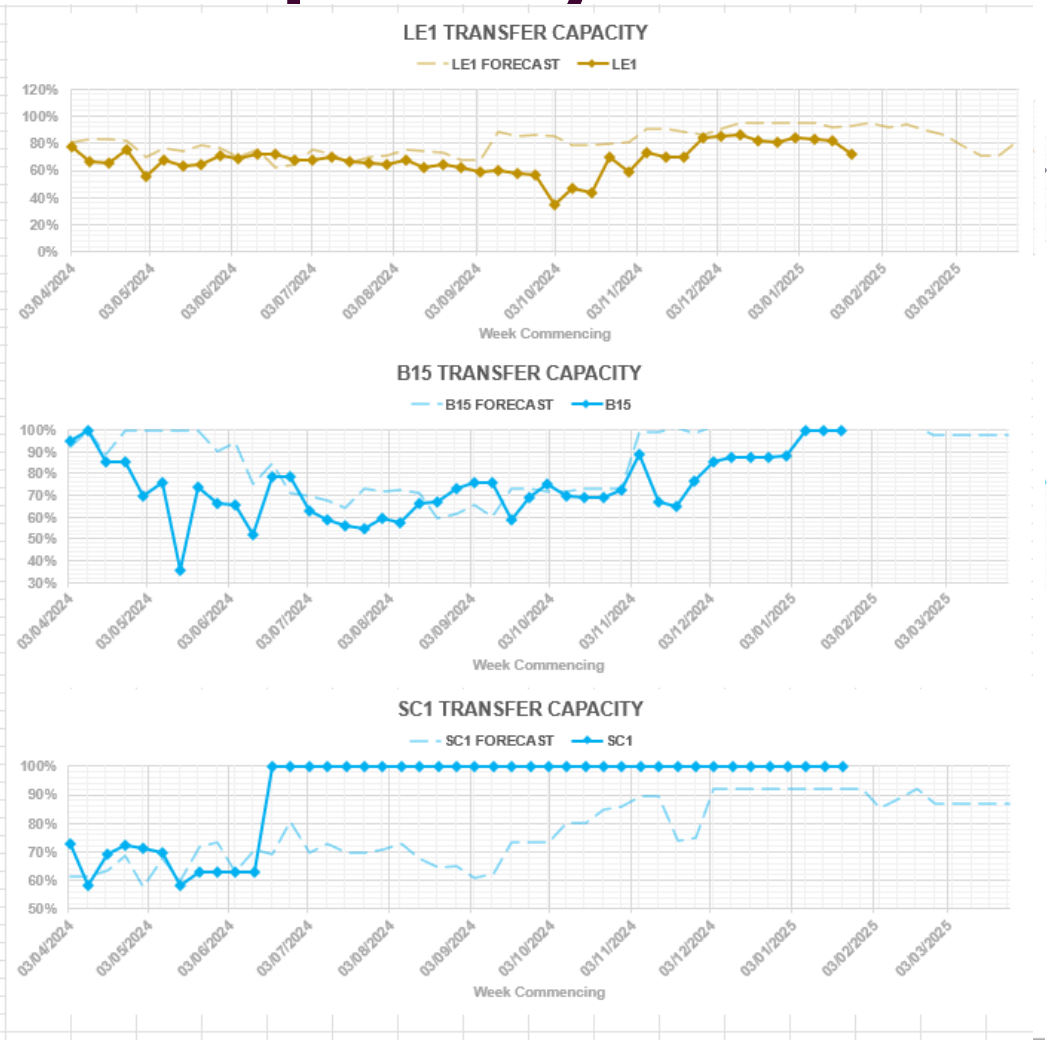

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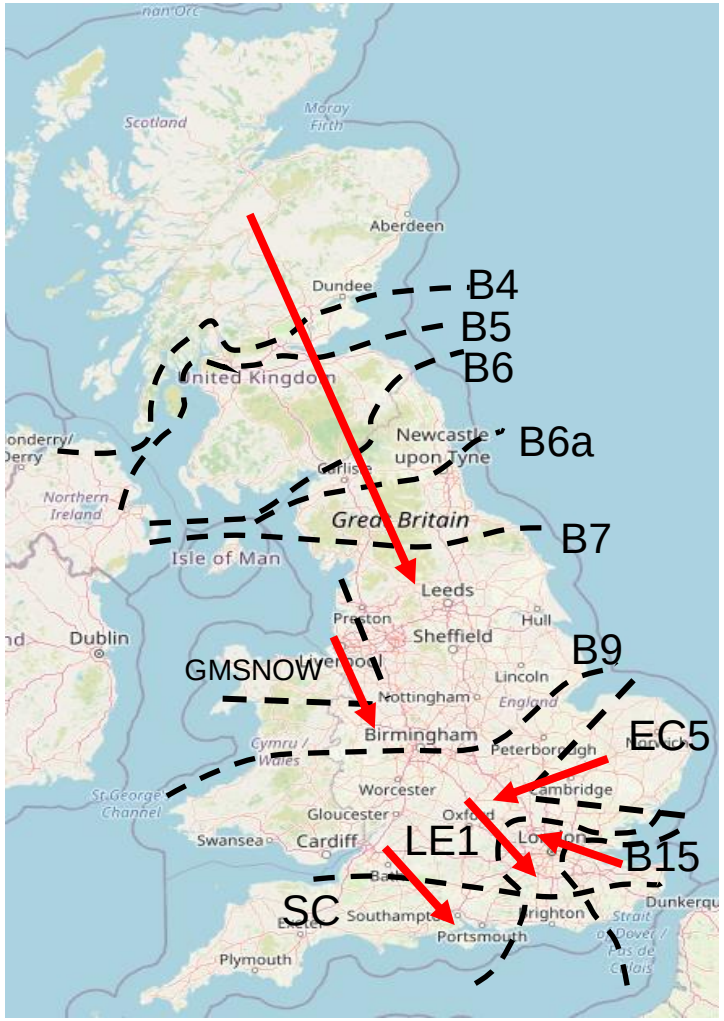

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Previously Asked Questions

Slido code #OTF

Q: Last week the BSAD team said that fixing the current issues could require a new system which is not planned till 2027. Do the process failures in the meantime breach NESO's license conditions? What would it take to get this taken seriously?

A: Settlement processes are being transferred into the STAR (Settlements and Revenue) system. STOR (Short Term Operating Reserve) and FFR (Firm Frequency Response) have now been transferred onto this system and we are in the process of implementing further services onto this. We have committed to all current settlement processes being implemented onto STAR by the end of March 2026 (apologies for confusion with the date as we were referring to financial year). We do not believe that there are any licence condition breaches. If you have any further information regarding this, please do get in touch with the Settlements team.

Previously Asked Questions

Slido code #OTF

Q: Last week Settlement promised to fix incorrect December BSAD "ASAP". They have since missed the deadline for the SF run. Why is there no accountability/escalation? Because NESO doesn't suffer the effects, there is a concerning lack of urgency. Saying "email settlement" does nothing

A: We are not sure if this is relating to North Sea Link, but we have resubmitted data for 1st December. As per the presentation last week we are monitoring this and will resubmit once we have confidence that the data is correct. We are also working closely with Elexon to understand the handoffs and implications of this process. We can only apologise for the delay with the SF deadline being missed. This was due to the timing of receiving the query, investigating and then actioning. It coincided with bringing forward operational duties for invoicing and general resource over the Christmas period.

Q: Surely 1 week after the SO-SO trade NG has at least a range of prices for the actions that can be shared?

A: The process to finalise SO-SO trade prices with Denmark may take a while to complete. We expect that the prices will be less than the cashout price in each respective settlement period.

The Settlement Team will provide more insight into this process in their deep dive on 26 February.

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Previously Asked Questions

Q: If you had 3.6GW of headroom, why SO-SO trade on VikingLink?

A: We make decisions to take actions based on the information available at the time of the decision. We were managing a lot of uncertainty on the system during the 8th Jan. At the time of the SO-SO trade on Viking Link, the volume was required to meet our requirements in future time periods.

In real-time, the total amount of headroom may provide a surplus above the margin requirement.

Post event analysis helps to define the future margin/reserve levels required to best manage this uncertainty.

Previously Asked Questions

Slido code #OTF

Q: Is it correct that the published de-rated Margin does not include the reserve available to the NESO? ie LOLP shows % likelihood that reserve will be needed. This seems to be the confusion relating to how close we were to a blackout, the elexon data should make that clear

A: The detail of the de-rated Margin calculation method is published on Elexon's website: Elexon – Loss of Load Probability Calculation Methodology Statement

De rated margin equals Combined generation forecast less Capacity requirement.

The capacity requirement includes the largest loss reserve.

(LOLP = Loss of Load Probability)

Q: Is it not correct that NESO must always ensure that the network can withstand the largest in-feed loss, therefore demand reductions would have to be actively implemented prior to compromising this reserve.

A: At the point of the infeed loss, frequency response would be automatically activated to stabilise the system. Reserves would then be activated to recover the frequency to operational limits. If reserves had been exhausted before this event, a 'High Risk of Demand Reduction' notice would have been issued and demand control, initially by voltage reduction, would be instructed to recover the system frequency.

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Advance Questions

Slido code #OTF

Q: (13/01/2025) On Wed 8th the system came ~500 MW close to requiring demand disconnection due to extreme conditions. Multiple CCGTs planned to turn off and provide no margin in the most critical periods, despite the EMN. Therefore, the ESO had no option other than offering them to SEL at extreme prices. How's that possible, considering that IOLC was implemented to avoid this exact situation?

A: We answered a similar question during last week's OTF Live Q&A. As this query has also been submitted as an advance question, we have included the response again here again for completeness:

The system was not at risk to the loss of 0.5GW as has been incorrectly reported. Any suspicious activity on the market on the 8th January has been flagged to our Market Monitoring team for investigation and reporting to Ofgem. You are also able to flag to us any behaviour you observe at marketreporting@nationalenergyso.com.

Specifically, regarding the Inflexible Offers Licence Condition (IOLC), this only applies during a condition in which a unit actively withdraws its physical notification within the operational day. We have built automatic detection tools for these events but are unable to comment on specifics of if this applies, as pre gate closure data is commercially sensitive.

Advance Questions

Slido code #OTF

Q: (13/01/2025) Will NESO be able to share the price agreed with the Danish SO to increase the GB import via Viking Link on Wed 8th Jan during the EMN? At the moment the SO-SO action is showed with a zero price in the BSAD data in the BMRS.

A: The prices agreed ahead of time are indicative only and the price is firmed up post-event. Information on the day was that Energinet would buy energy from Germany to fill the SO-SO trade request volume for some of the settlement periods. We are still waiting for the price to be agreed between Energinet and Germany. The zero price in BSAD data will be updated once the price has been finalised.

Q: (14/01/2025) Could NESO update Derated Margins / LOLP forecast more often? 12h/8h ahead forecasts can go out of date quite quickly, especially on tight days

A: We designed the DRM/LoLP process in consultation with the industry and the calculation methodology is published on the ELEXON website: Loss of Load Probability Calculation Statement

It was designed with several different lead times, so it is regularly being updated with new forecasts as we approach real time, from 12hours ahead, 8, 4, 2, to 1 hour ahead, so there are plenty of updates as we approach real time. This was agreed with market participants and has stood the test of time over the past 10 years. In addition, on tight days, EMN shortfalls are published by the control room, and the CMN margin calculation will trigger CMNs if necessary, so there is a range of information going out to the market.

(DRM = Derated Margin. LOLP = Loss of Load Probability)

Advance Questions

Slido code #OTF

Q: (15/01/2025) How is the Greenlink electricity exchanged commercially during the testing phase ? is the energy sold/bought in the UK through the market or via SO-SO bilateral agreement? if the energy is sold/bought via market, which auction is used for this purpose ?

A: Greenlink submit details of expected power flows during testing on European transparency platforms and data is submitted to NESO for incorporation into operational plans, the mechanisms used to procure the energy are a matter for Greenlink not NESO who are not involved in this process, but we can confirm that SO-SO trading is not used to facilitate this testing.

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Advance Questions

Slido code #OTF

Q: (18/12/2024): Hi, could you outline what further changes (engineering or control room protocols) are still required to be made to enable periods of zero-carbon running?

Q (10/01/2025): On Wed. 8th January, it appears that NESO conducted a SO-SO trade with the Danish SO to flow MW across the Viking Link in periods 34-38.

On the BMRS these trades appear T-flagged for system reason but at zero price. The NESO DataPortal also shows the volume at £0/MWh and T-flagged.

With the trade input at £0/MWh, the volume is unlikely to occupy its correct place in the Offer stack and .: the presented indicative view of cashout to the market on the BMRS won't be as good as it could be.**

Is there a reason why when, the SO-SO trade is entered, that a price cannot be input too at the same time so that the market has a better indicative cashout view?

Market participants will now have to wait until Settlement Run data is published, the earliest possible would be II run on 15th January with SF run on 30th January.

Q: (15/01/2025) Why were arbitrage tagged BSAD with VKL (£0) for SPs 36 & 38 last Wednesday included but not for surrounding SPs when VKL was emergency instructed?

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Advance Questions

Slido code #OTF

Q: (20/01/2025) On Elexon's Insights solution the Generation by Fuel Type report uses the BMU-Fuel Type spreadsheet to map BMUs to specific fuel types. Elexon states that this fuel type categorisation by BMU is undertaken by NESO. According to the spreadsheet itself, it was last updated on 16th July 2024 and there are clearly a lot of operationally metered BMUs that entered service in 2024 that are not included. Please can you update the spreadsheet and commit to updating it on a more frequent basis, ideally monthly.

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Outstanding Questions

Slido code #OTF

Q: Now its 2025, do you forecast any periods that could result in 100% low carbon dispatch? and could NESO balance that?

Reminder about answering questions at the NESO OTF

Slido code #OTF

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

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slido

Audience Q&A

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

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@nationalenergyso.com

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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:

Aligns with purpose, see examples below:

In Scope of OTF

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

Out of Scope of OTF

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

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Managing questions at the NESO Operational Transparency Forum

Slido code #OTF

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

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

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