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NESO Operational Transparency Forum

28 May 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)

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

Slido code #OTF

Future deep dive / focus topics

Today's Focus Topics/deep dives

Submission of offer prices in the BM – 28 May

Future

Regional Energy Strategic Plans (RESP) – 4 June

May Balancing Costs – 18 June

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@nationalenergyso.com

Response Reform May Webinar – Static Reform

Slido code #OTF

Materials from the Response Reform May Webinar where we discussed current thinking on service design topics that are being explored for reform of Static Firm Frequency Response (SFFR) are now available.

Access the materials here.

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

Response Reform June Webinar

Slido code #OTF

Join us for the Response Reform webinar on **17 June, 10:00 – 11:00**

Real-time Dynamic Response

We will provide an update on the proposed real-time Dynamic Response service design, focusing on volume commitments and pricing structure.

30 Minute Contract Periods (Dynamic Response)

We will provide an update of our assessment and key considerations on moving to 30-minute granularity procurement at day ahead.

Sign up here.

Response and Reserve Locational Procurement Webinar

Slido code #OTF

Join us for the Response & Reserve Locational Procurement Webinar on **09 July, 15:00 – 16:00**

Locational Procurement

We will present our work on assessing the case for transitioning to Locational Procurement of Ancillary Services (Response and Reserve), along with the key aspects of the proposed Market Design.

Sign up here.

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

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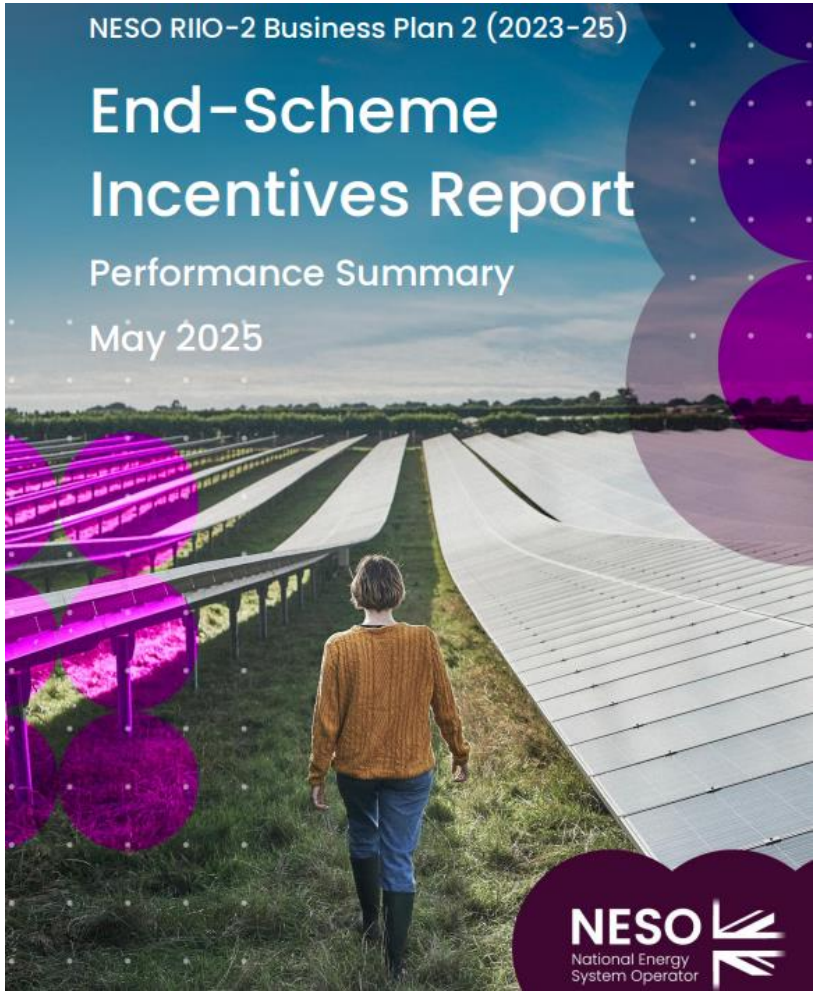
Virtual Q&A Event for RIIO-2 Business Plan 2 (BP2) End-scheme performance

Slido code #OTF

Join our virtual live Q&A event for an opportunity to ask questions on our performance and delivery over the second year of BP2 (Apr-24 to Mar-25) including the activity we've undertaken as part of our successful transformation to NESO.

Tuesday 10 June 09:30

Event Registration Link



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Slow Reserve and Balancing Reserve – Article 18 consultations

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- Respond to our EBR Article 18 consultations by **16 June** to influence the introduction of Slow Reserve and implement changes to Balancing Reserve.

- These independent consultations seek to co-optimise both Slow Reserve and Balancing Reserve auctions with the existing co-optimised Quick Reserve and Dynamic Response auction. As a result, both consultations look to introduce new procurement rule definitions across the suite of Quick Reserve, Dynamic Response, Slow Reserve and Balancing Reserve services.

Slow Reserve

Balancing Reserve

BSC Modification: P462 Call for Evidence

Slido code #OTF

- The Call for Evidence for the Cost-Benefit Analysis for Modification P462 The removal of subsidies from Bid Prices in the Balancing Mechanism is now open and will close on **13 June 2025**.

- Information is available on the P462 Call for Evidence webpage, plus more information on the Modification itself is available on the P462 Webpage.

- Please provide your response form along with any supporting material to bsc.change@elexon.co.uk. Responses will be shared with CEPA for their analysis.

Voltage Control Tests 2025 - Notification

Slido code #OTF

- Annual testing of Voltage Control capability will take place in June. Voltage Control, or Voltage Reduction, is a provision in Grid Code-Operating Code 6 that allows demand to be reduced as an emergency action when there isn't enough generation to meet demand.

- Tests are carried out to test operational communication between NESO and DNOs and to validate the volume of demand reduction that can be expected.

- Each stage should deliver between 2% and 4% voltage reduction and the expectation is that each stage will deliver around 1.5% demand reduction.

- Notification of each test will happen through BMRS 24 hours before the test and again on the day, shortly before the test.

- Customers may notice a change in their electricity supply, e.g. dimming of lights , but they should be otherwise unaffected during the tests.

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Voltage Control Tests 2025 - Notification

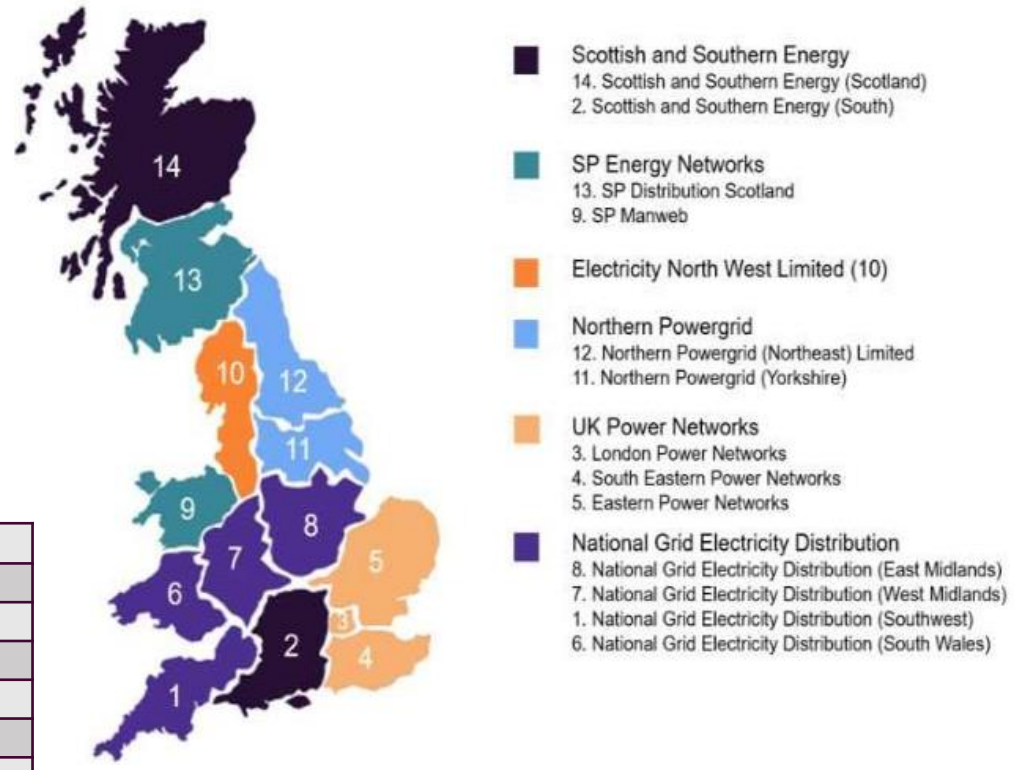
Slido code #OTF

Two tests are scheduled in June, the first test will be the ‘Northern’ block (9-14 in diagram) and the second will involve the ‘Southern’ block (1 -8).

Test details:

- Northern block test will take place on Tuesday 17th of June between 10:30 and midday
- Southern block test will take place on Thursday 19th of June between 10:30 and midday

Distribution Network Operator	Test Date (2025)	Block	Testing happening
Scottish Power Distribution (SPD)	17 June	Northern	Stage 1 and 2
SP Manweb plc			Stage 1 and 2
Northern Powergrid (Northeast) Limited (NPG)			Stage 1 and 2
Northern Powergrid (Yorkshire) plc (NPG)			Stage 1 and 2
Scottish Hydro Electric Power Distribution plc			Stage 1 and 2
Electricity North West Limited (ENW)			Stage 1
Southern Electric Power Distribution plc (SSE)	19 June	Southern	Stage 1 and 2
National Grid Electricity Distribution (South Wales) plc			Stage 1 and 2
National Grid Electricity Distribution (South West) plc			Stage 1 and 2
National Grid Electricity Distribution (West Midlands) plc			Stage 1 and 2
National Grid Electricity Distribution (East Midlands) plc			Stage 1 and 2
Eastern Power Networks plc (UKPN)			Stage 1
London Power Networks plc (UKPN)			Stage 1
South Eastern Power Networks plc (UKPN)			Stage 1



Future Event Summary

Slido code #OTF

Event	Date & Time	Link
Balancing Programme Forecasting Stakeholder Focus Group	2nd June (13:30-15:00)	Register here
Balancing Programme Optimisation Stakeholder Focus Group	~~19th May (14:00-16:00)~~ / 5th June (11:30-13:30)	
NESO Data Portal update	**2nd June 2025 – National Grid and ESO web addresses stop working**	
Markets Forum (Glasgow)	9th June (09:00-16:30)	Register here
Q&A Event for RIIO-2 Business Plan 2 (BP2) End-scheme performance	10th June (09:30-11:30)	Register here
Markets Forum (London)	11th June (09:00-16:30)	Join waiting list
Skip-Rate Drop-In Session	12th June (15:00-16:00)	Register here
Slow Reserve and Balancing Reserve – Article 18 consultations	Deadline: 16th June	Slow Reserve Balancing Reserve
Response Reform Webinar	17th June (10:00-11:00)	Register here
Voltage Control Test	17th June, 10:30-midday – Northern Block 19th June, 10:30-midday – Southern Block	Notification of each test will be posted on Insights Solution
Balancing Programme Event	24th June (09:00-17:30)	Register here
Response & Reserve Locational Procurement Webinar	9th July (15:00-16:00)	Register here

Check out the NESO Events Calendar for more…

NESO National Energy System Operator

OTF Deep Dive: Submission of offer prices in the BM

28th May 2025

Scott Bannister

NESO
National Energy System Operator

Background

Slido code #OTF

Power system operation is more complex than ever before, and this trend will only continue as intermittent fuel sources and limited duration assets form more of the overall fuel mix.

- The **expected generation profiles** of both subsidied and merchant renewables are **changing** as commercial market conditions evolve.

- For example, under certain periods of negative pricing in the market we are currently seeing **wind BMUs reduce** their planned generation output for **commercial reasons** (either due to non-payment of their subsidies under these market conditions, or due to unfavourable market prices – the driver may be different but the impact to the SO is the same).
- We anticipate that this changing behaviour will be observed for **Solar BMUs** too.
- The volume of renewable generation displaying this behaviour is **significant** (up to **7GW** now and will continue to grow).

NESO National Energy System Operator

Background

As a prudent System Operator, we must ensure we have maximum flexibility across all BMUs to allow us to take cost effective actions to balance the system at lowest cost to the GB consumer, whilst maintaining system security.

Unlike conventional generators, Wind & Solar BMUs **do not** currently submit **commercial** offer prices (to allow us to increase their output for a set price). This is because traditionally these BMUs are incentivised to operate at maximum output, and given the reliance on weather conditions, it would usually therefore be practically impossible to increase output (this is reflected by customers currently submitting up to the maximum offer price that can be entered into our BM systems, £99999/MWhr, which is not considered to be a commercial offer price).

However, in the example described on the previous slide, the reduction in output is driven purely by commercial conditions, and in fact the weather conditions **would allow these BMUs to generate at a higher output** (potentially even their maximum output) if they could be issued Bid-Offer Acceptances (BOAs) and thus provide an additional revenue stream for the customer, and greater flexibility to NESO.

Impact to the System Operator

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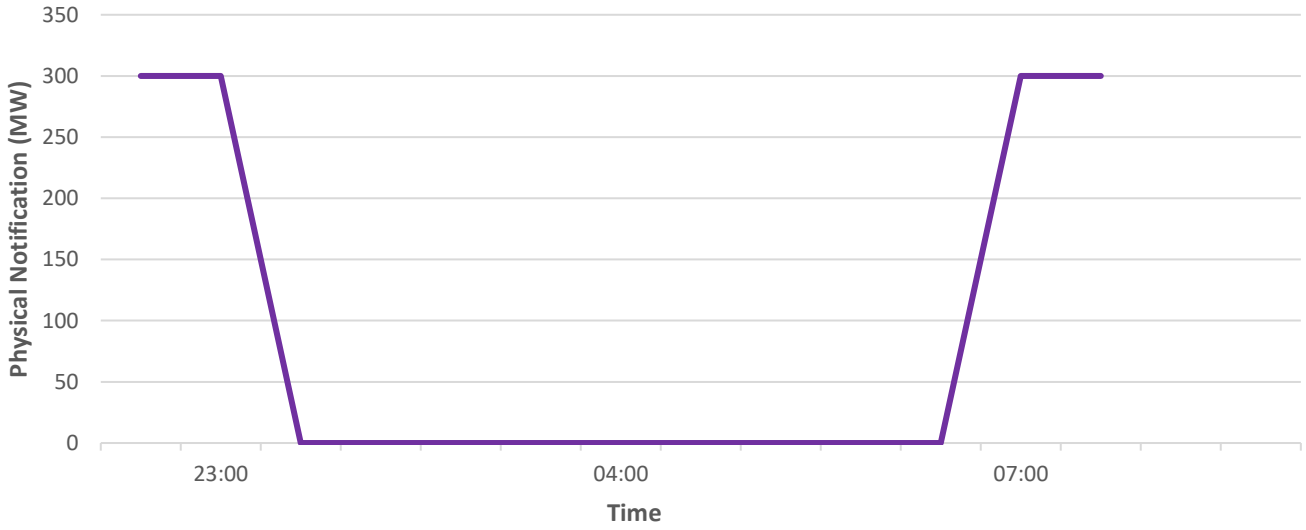
There is a cost impact, ultimately borne by the consumer, but also a system security risk as highlighted in the examples below.

In this simple example, a 300MW wind BMU has reduced its planned generation output, using its Physical Notification (PN) data, from 300MW to 0MW due to a period of negative market prices (which in this example, means it will not be eligible to receive subsidy payments under the terms of its Contract for Difference (CfD)).

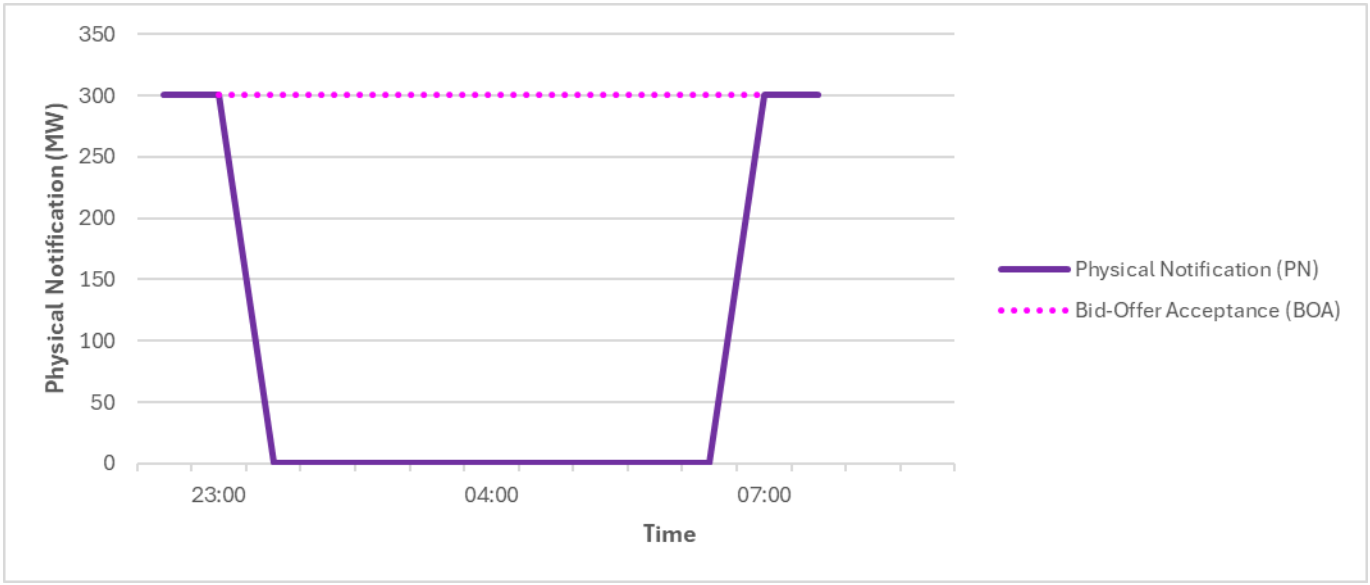
- NESO needs to replace the 300MW and for the duration in question, the only viable option might be to run an additional gas unit.
- On certain days, there may only be limited options available to NESO to replace this energy, which introduces both a cost and system security risk as this behaviour evolves.



Impact to the System Operator

Slido code #OTF

- NESO could instead **use this wind BMU** to provide that replacement 300MW, which is **practically available**, but we need customers to submit commercial offer prices as BAU under these conditions such that we can **access this MW volume** by issuing a Bid-Offer Acceptance (BOA) in real-time.



Impact to the System Operator

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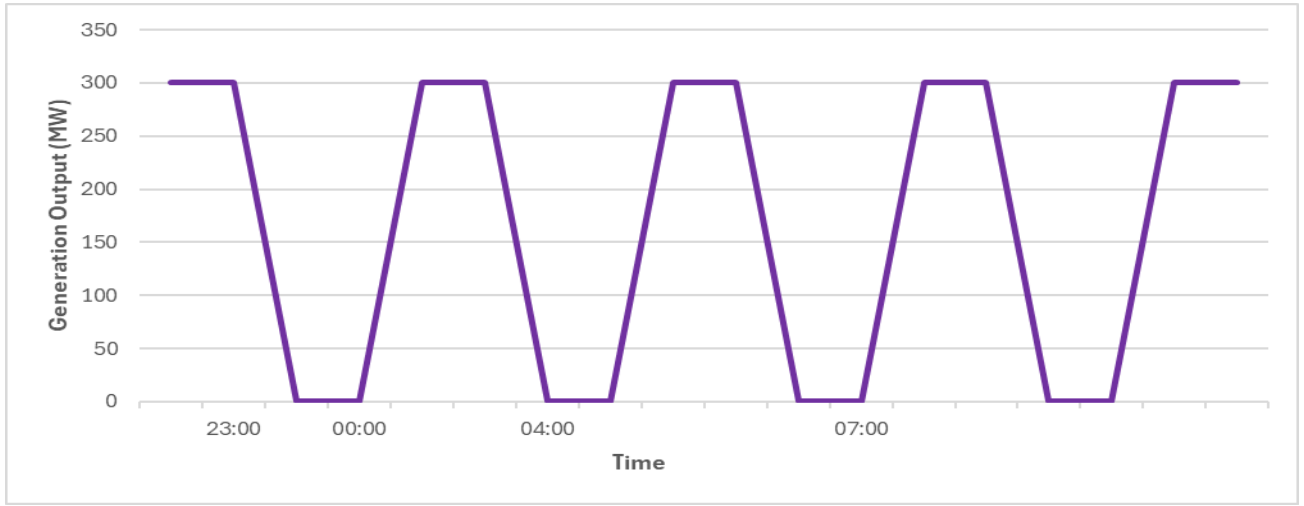
As the volume of generation displaying this behaviour increases, and the market price signals and subsidy rules become sharper, we expect to see this behaviour more frequently, with a greater impact to the SO, as shown below.

Using the same example as before, in future we will expect to see greater volatility in the wind BMU planned output, which exacerbates the issues described and highlights the importance of having access to these practically available MWs via BOAs. This is an extreme example but is useful to highlight the challenge faced.

- NESO could again **use this wind BMU** to provide that replacement 300MW, which is **practically available**, and might need to do this for **some, or all,** of the periods in the graph, but having the **flexibility** to make the **cost optimal** decision and ensure **system security** is critical.



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Impact to the System Operator

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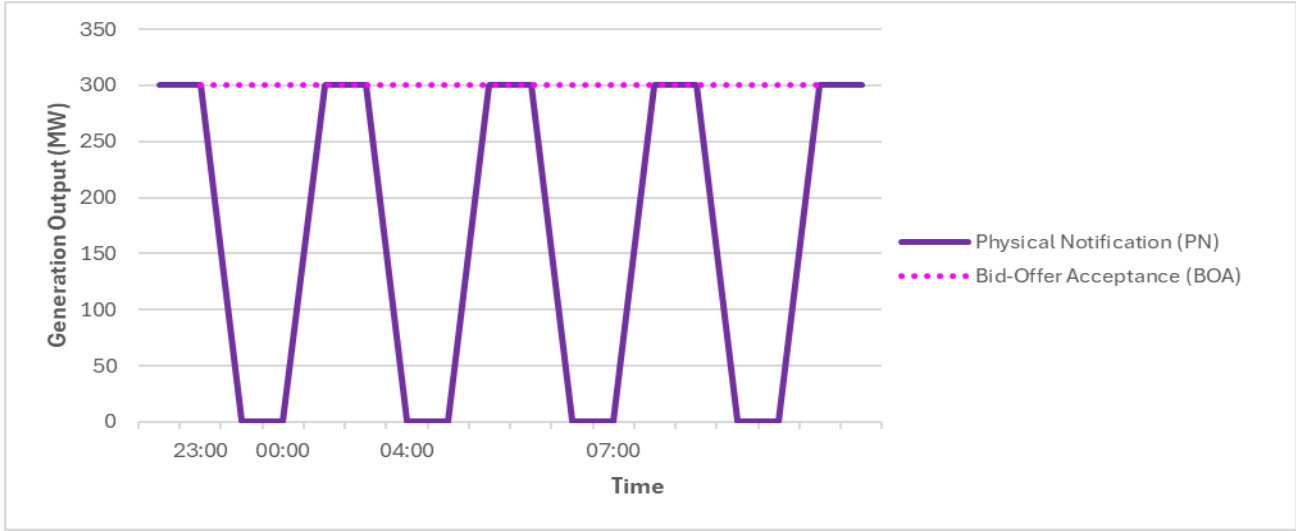

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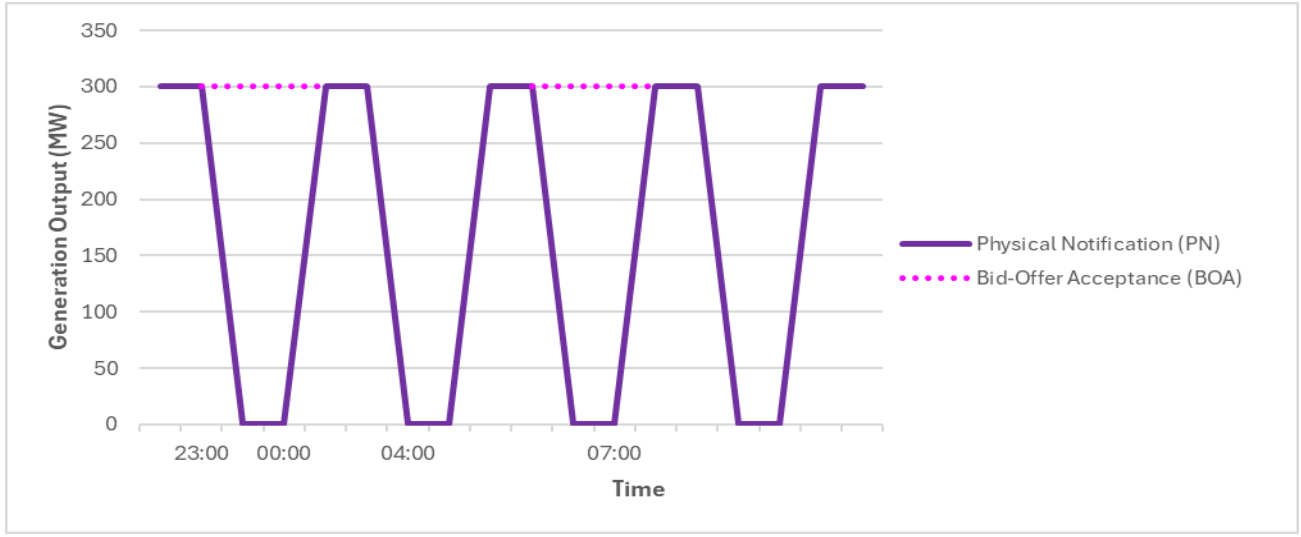

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Impact to the System Operator

Slido code #OTF

Cost and Zero Carbon impact

The cost of utilising these wind BMU offers is likely to be lower than running the aforementioned gas unit to replace these MWs (as the fuel costs are significantly different). There is also greater flexibility to only utilise offers for short periods if that is most appropriate, whereas for the gas unit you will have to commit for a longer period due to minimum run time parameters.

Furthermore, without the ability to utilise the available MWs from the wind BMUs, this means the gas unit likely runs more often and thus has an impact on Zero Carbon Operations.

Recent progress

Slido code #OTF

Engagement via the Renewable UK Wind Advisory Group (WAG)

NESO has engaged extensively with wind operators via the WAG and we have recently seen progress on this issue.

For example, under extended periods (>6hrs) of negative pricing during the Bank Holiday weekend (24th -26th May 2025) we saw around **6GW of wind BMUs deload** and **approximately 60% of these provided commercial offer prices.**

Our ask to customers

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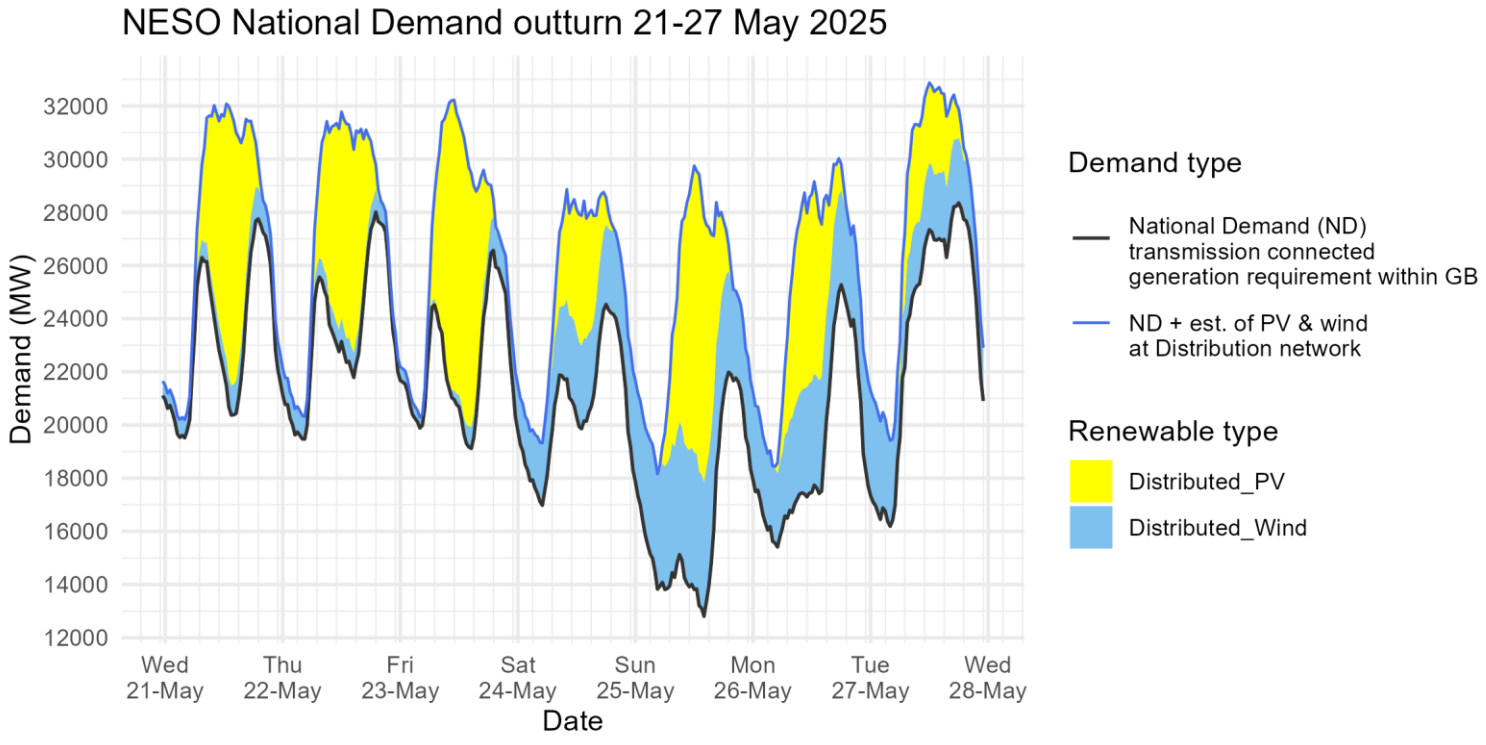
Submit **commercial** offer prices as **BAU anytime you reduce your output using PNs** for commercial reasons. This applies whether you are subsidised or merchant.

‘Commercial’ offer prices are clearly difficult to define but that is for you to determine (however we don’t interpret £99999/MWhr to be commercial as these are used to indicate **practical unavailability** as described in previous slides)

We also believe that submitting these commercial offer prices aligns with **REMIT obligations** around provision of all available energy volumes.

Demand | Last week demand out-turn

Slido code #OTF



Distributed generation
Peak values by day

Date	OUTTURN	
	Daily Max Dist. PV (GW)	Daily Max Dist. Wind (GW)
21 May 2025	10.2	1.4
22 May 2025	8.1	1.0
23 May 2025	10.9	1.6
24 May 2025	5.2	3.7
25 May 2025	11.2	5.2
26 May 2025	7.3	4.3
27 May 2025	3.9	4.0

National Demand
Minimum Demands

Date	Forecasting Point	OUTTURN		
		National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)
21 May 2025	Overnight Min	19.5	0.7	0.0
21 May 2025	Afternoon Min	20.4	1.1	10.2
22 May 2025	Overnight Min	19.5	0.8	0.0
22 May 2025	Afternoon Min	21.8	0.9	7.6
23 May 2025	Overnight Min	19.9	0.4	0.0
23 May 2025	Afternoon Min	19.1	0.8	9.5
24 May 2025	Overnight Min	17.0	2.3	0.0
24 May 2025	Afternoon Min	19.9	3.1	4.9
25 May 2025	Overnight Min	13.8	4.6	1.3
25 May 2025	Afternoon Min	12.8	5.1	10.0
26 May 2025	Overnight Min	15.4	2.8	0.4
26 May 2025	Afternoon Min	17.4	4.3	6.2
27 May 2025	Overnight Min	16.2	3.2	0.0
27 May 2025	Afternoon Min	26.3	2.6	2.7

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

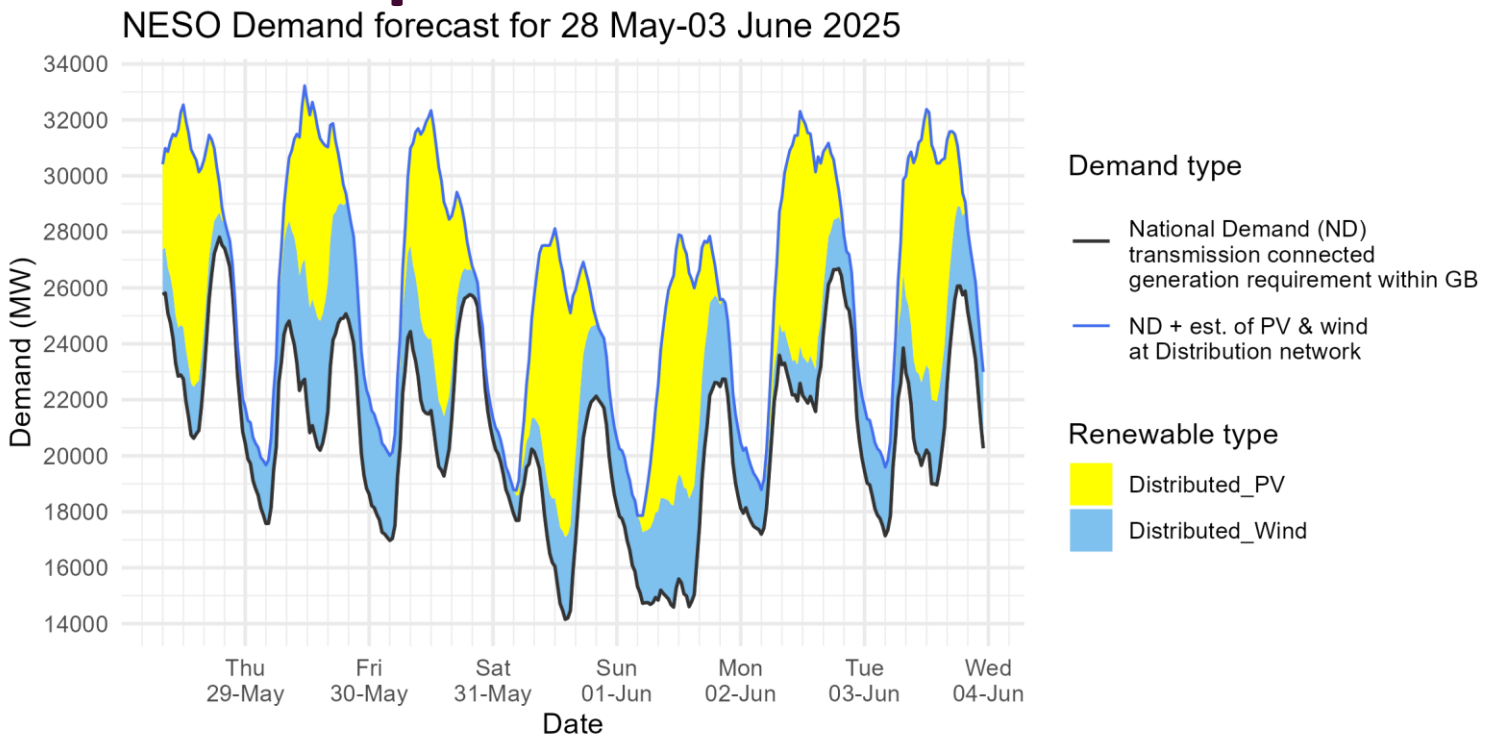
ND values do not include export on interconnectors or pumping or station load

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

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 28 May)		
Date	Forecasting Point	National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)
28 May 2025	Afternoon Min	20.6	1.8	8.3
29 May 2025	Overnight Min	17.6	2.1	0.0
29 May 2025	Afternoon Min	20.2	4.6	6.5
30 May 2025	Overnight Min	17.0	3.0	0.0
30 May 2025	Afternoon Min	19.3	2.1	7.7
31 May 2025	Overnight Min	17.7	0.9	0.2
31 May 2025	Afternoon Min	14.2	2.9	8.9
01 Jun 2025	Overnight Min	14.7	2.5	0.6
01 Jun 2025	Afternoon Min	14.6	3.9	8.1
02 Jun 2025	Overnight Min	17.2	1.6	0.0
02 Jun 2025	Afternoon Min	21.6	1.5	7.1
03 Jun 2025	Overnight Min	17.1	2.4	0.0
03 Jun 2025	Afternoon Min	19.0	3.0	8.5

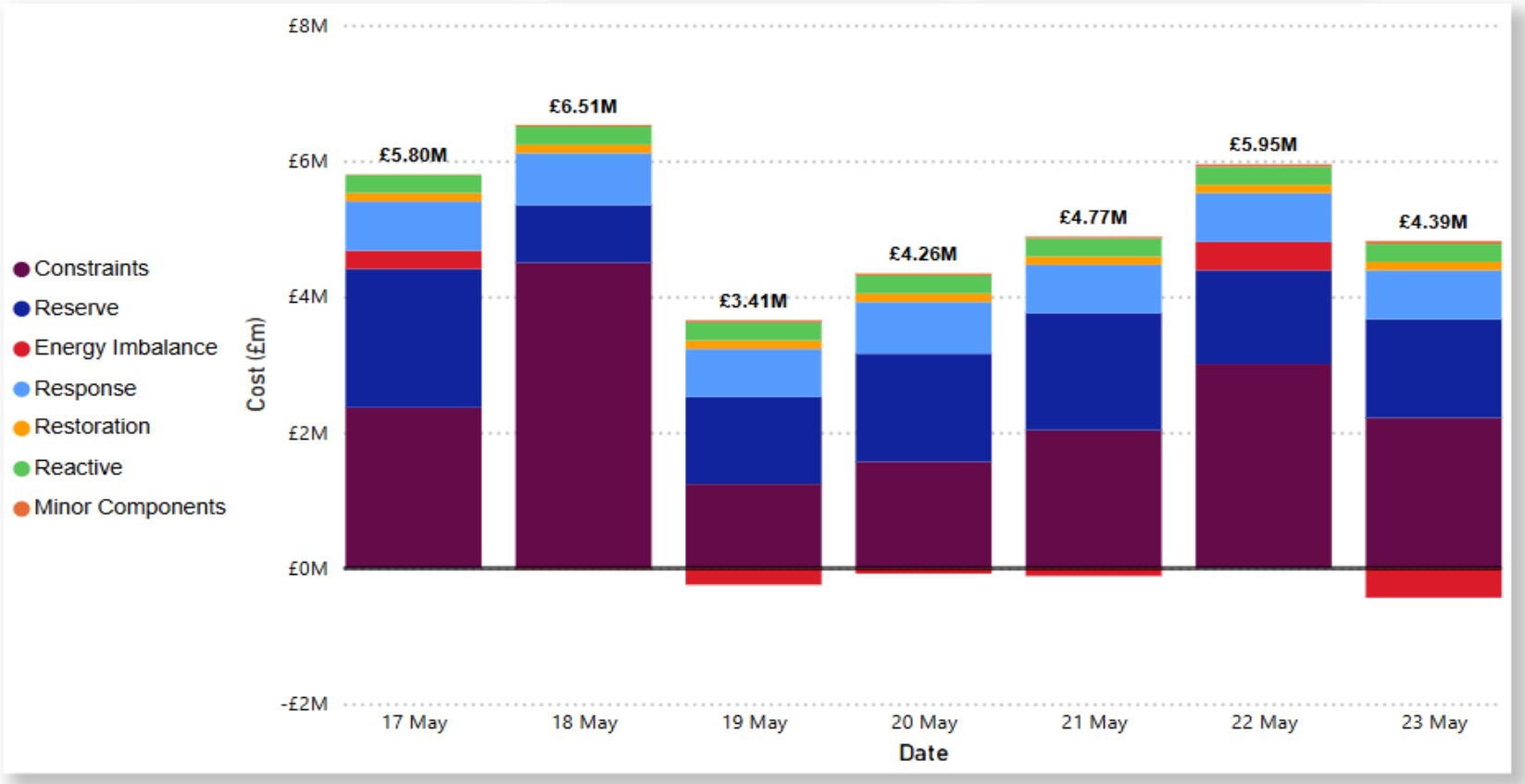
NESO Actions | Category Cost Breakdown

Slido code #OTF

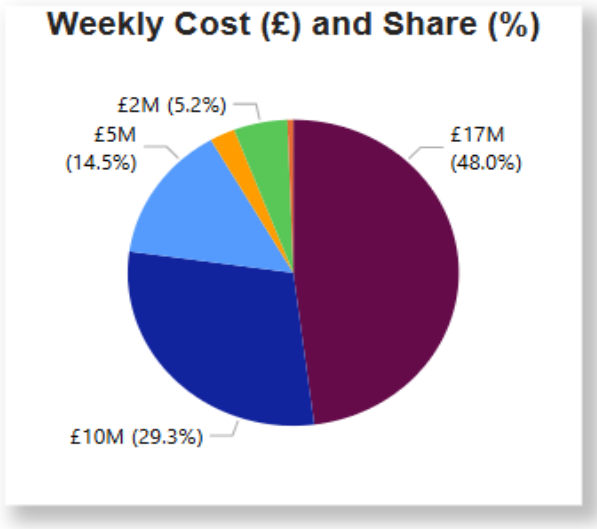
Date

17/05/2025 23/05/2025

Weekly Total Costs (£)	Last Week Total Costs (£)	Past 30-Day Average Costs (£)
35.1M	38.3M	5.6M



Date	Total Costs
17 May 2025	£5,801,568
18 May 2025	£6,511,835
19 May 2025	£3,409,984
20 May 2025	£4,262,531
21 May 2025	£4,771,265
22 May 2025	£5,951,954
23 May 2025	£4,385,986
Total	**£35,095,122**



NESO Actions | Constraint Cost Breakdown

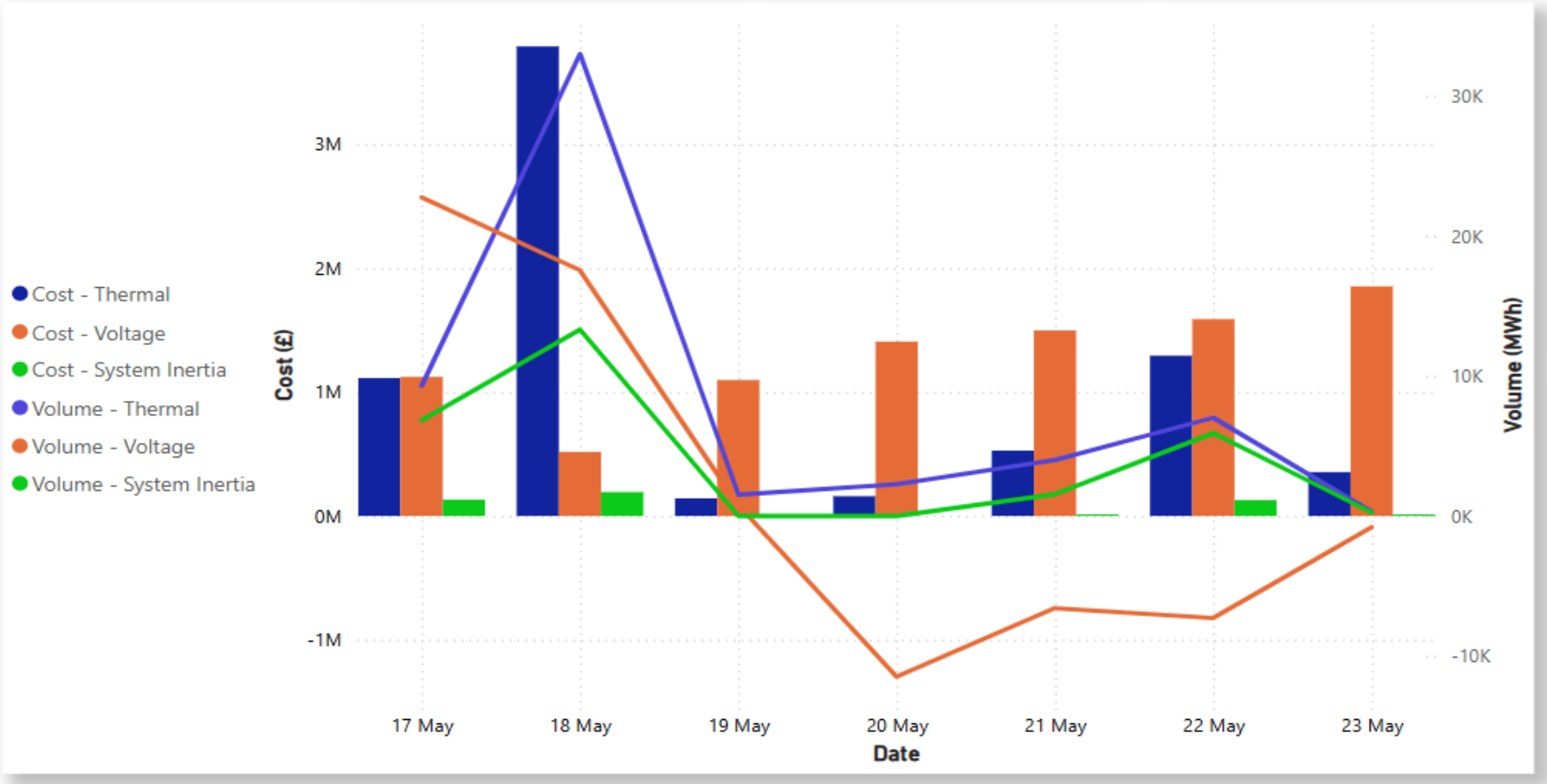
Slido code #OTF

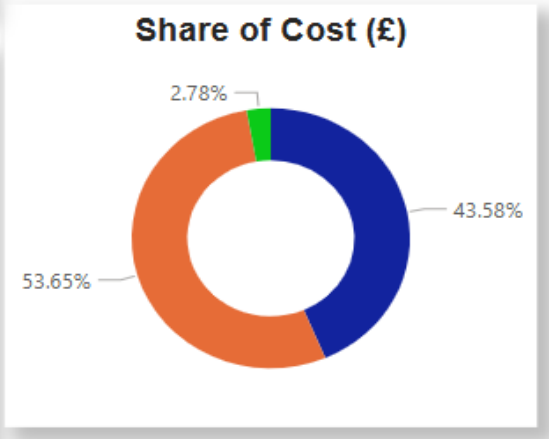
Date
17/05/2025 23/05/2025

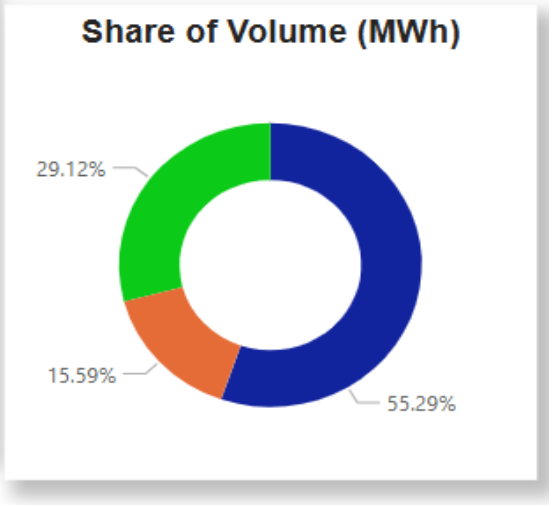
Thermal Constraints	
Costs (£)	Vol (MWh)
7.38M	52.88K

Voltage Constraints	
Costs (£)	Vol (MWh)
9.09M	14.91K

System Inertia	
Costs (£)	Vol (MWh)
470.25K	27.85K







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

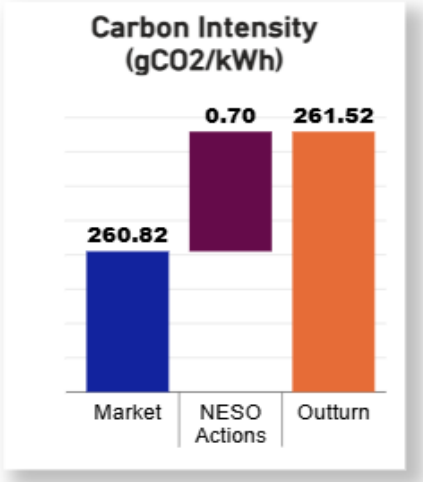
NESO Actions | Peak Demand – SP spend ~£48k
Tuesday 20th May

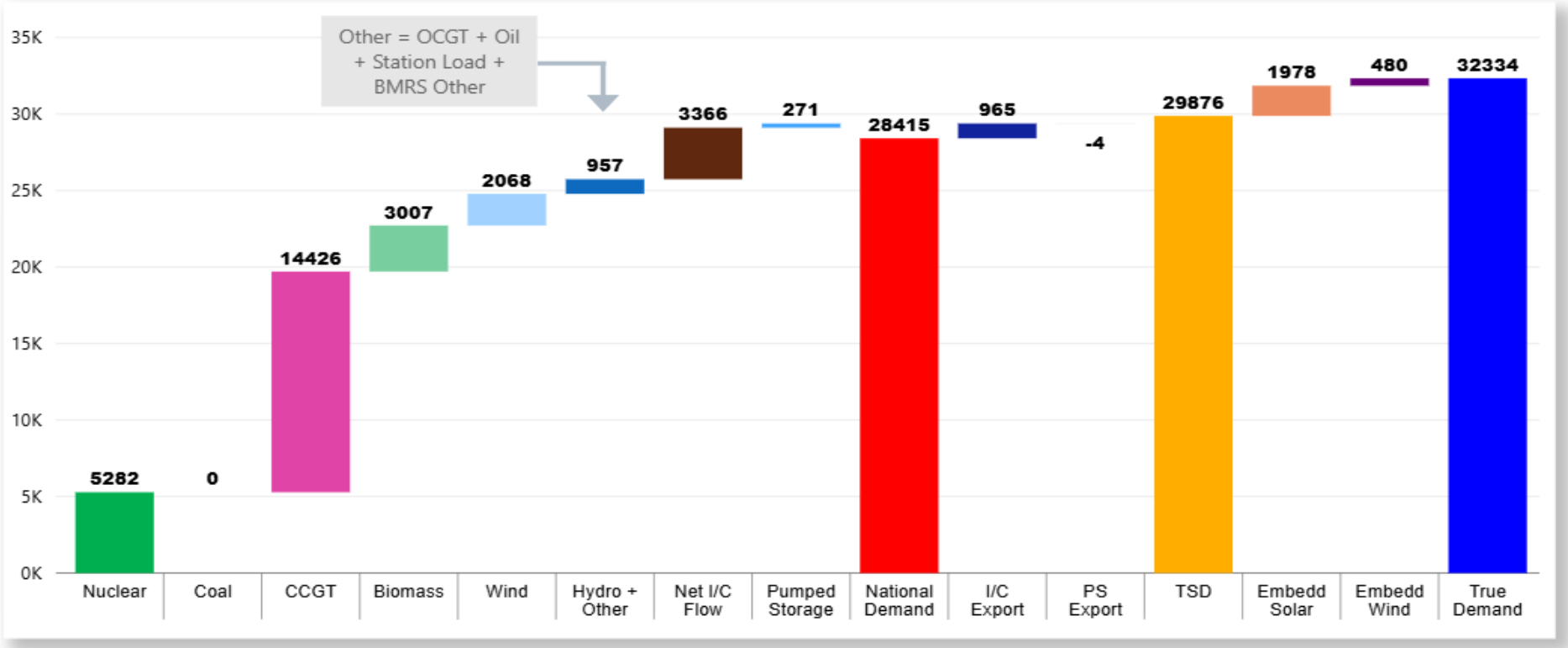
Slido code #OTF

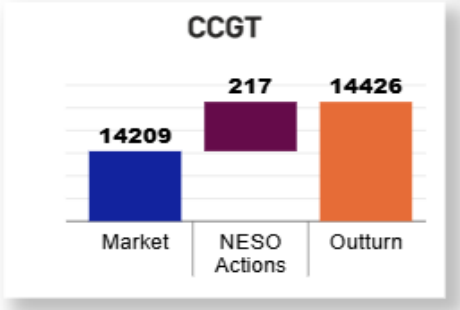
Date: 20 May 2025

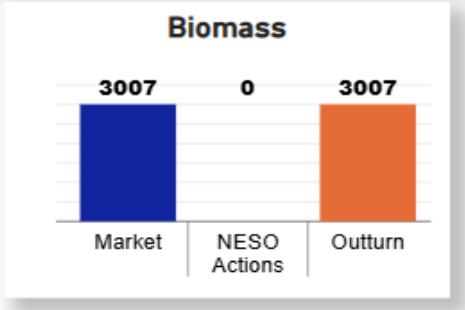
SP: 38

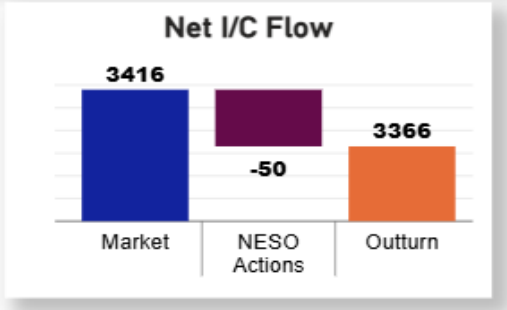
Half-hour preceding
19:00

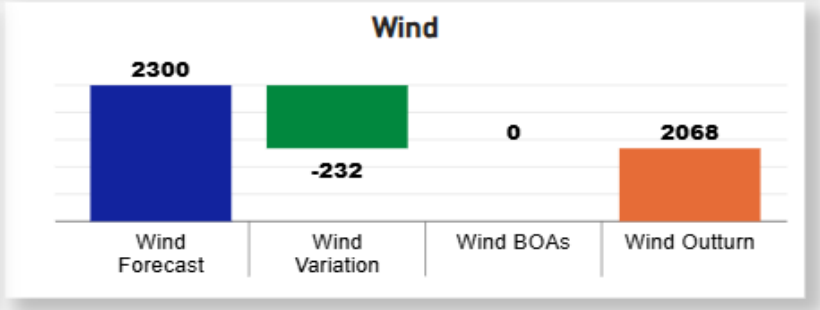












NESO Actions | Minimum Demand – SP spend ~£129k Saturday 17th May

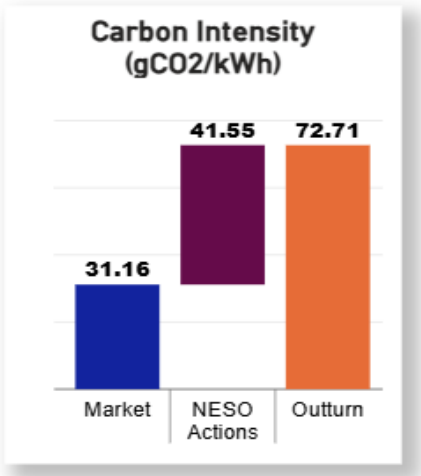
Slido code #OTF

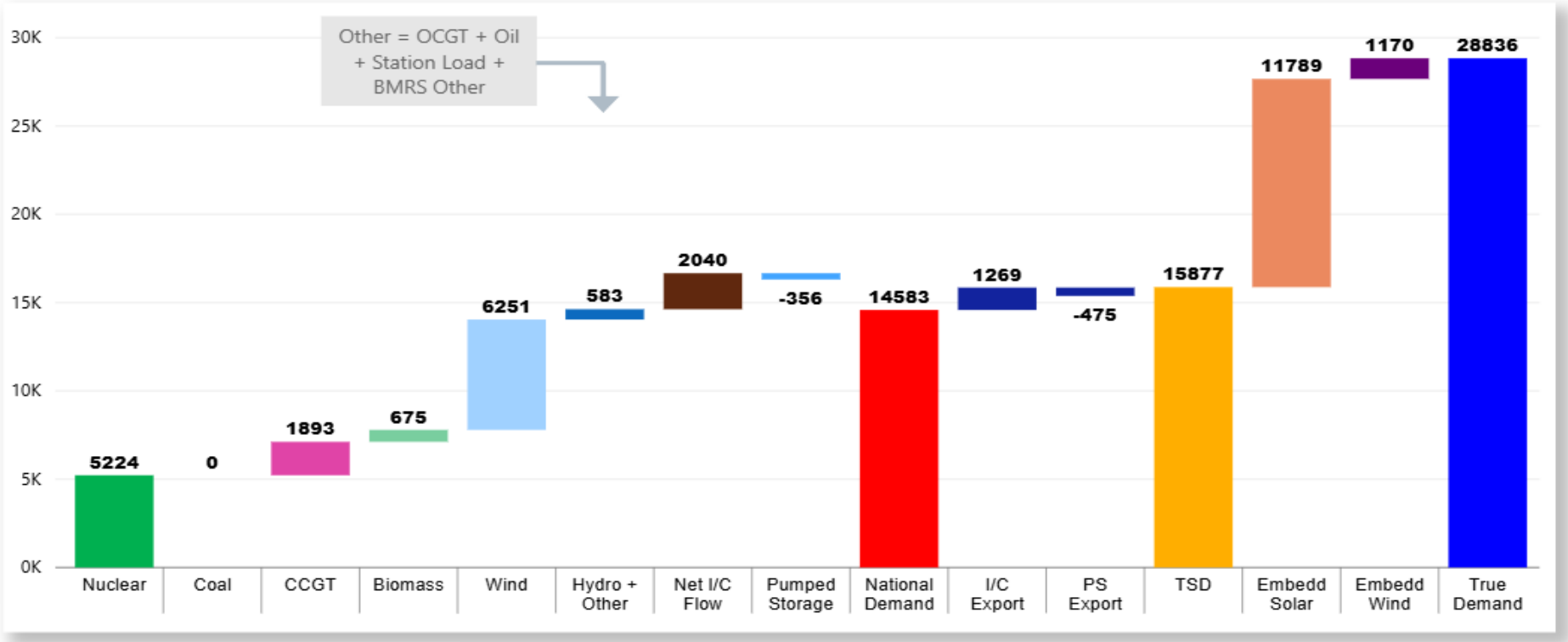
Date: 17 May 2025

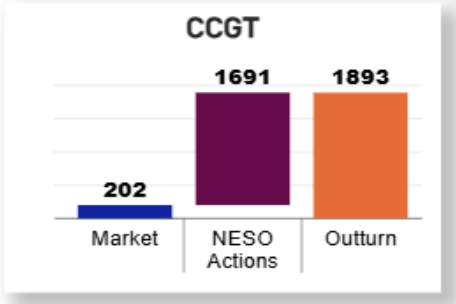
SP: 30

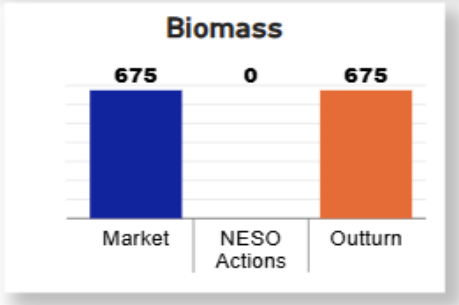
Half-hour preceding

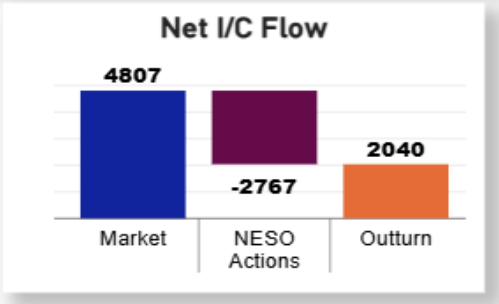
15:00

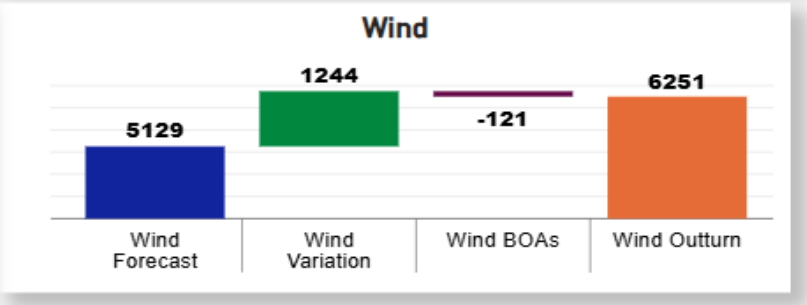










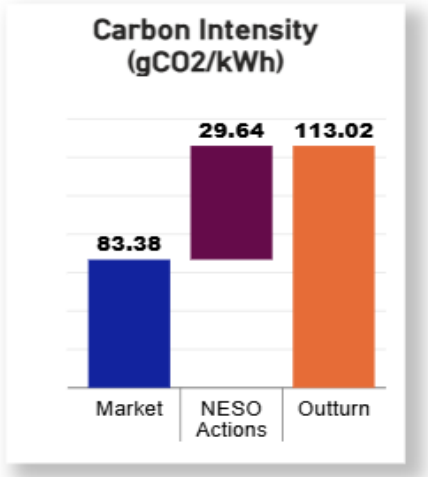


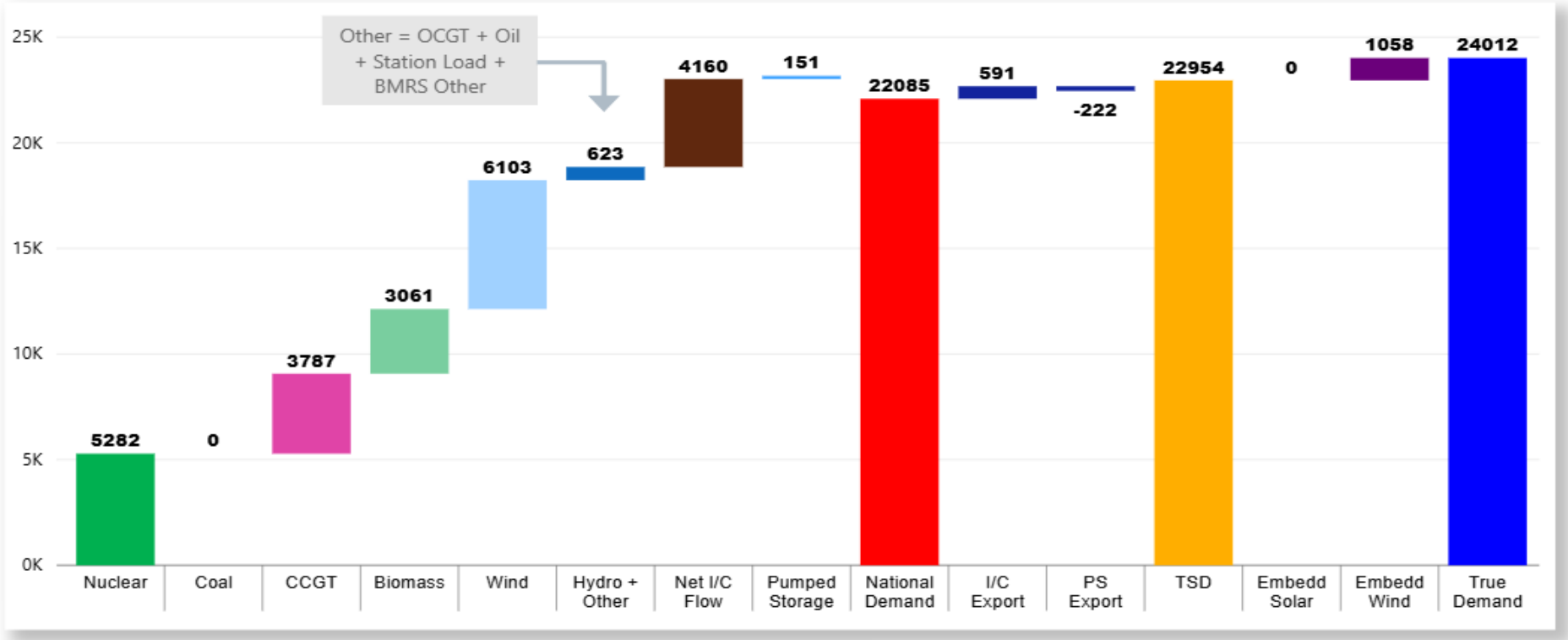
NESO Actions | – Highest SP spend ~£189k
Wednesday 21st May

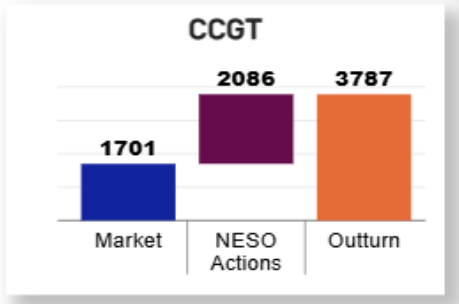
Slido code #OTF

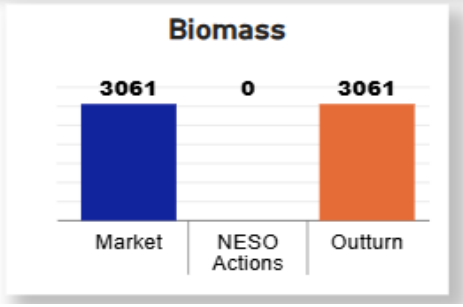
Date: 21 May 2025 | SP: 48

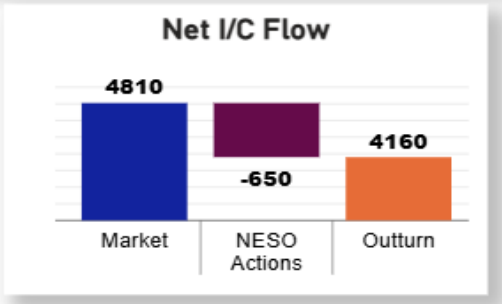
Half-hour preceding: 00:00

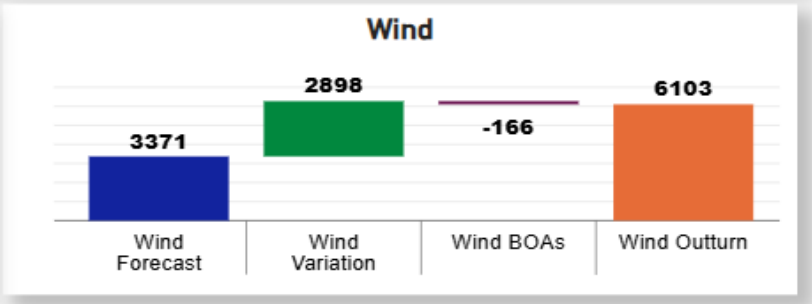




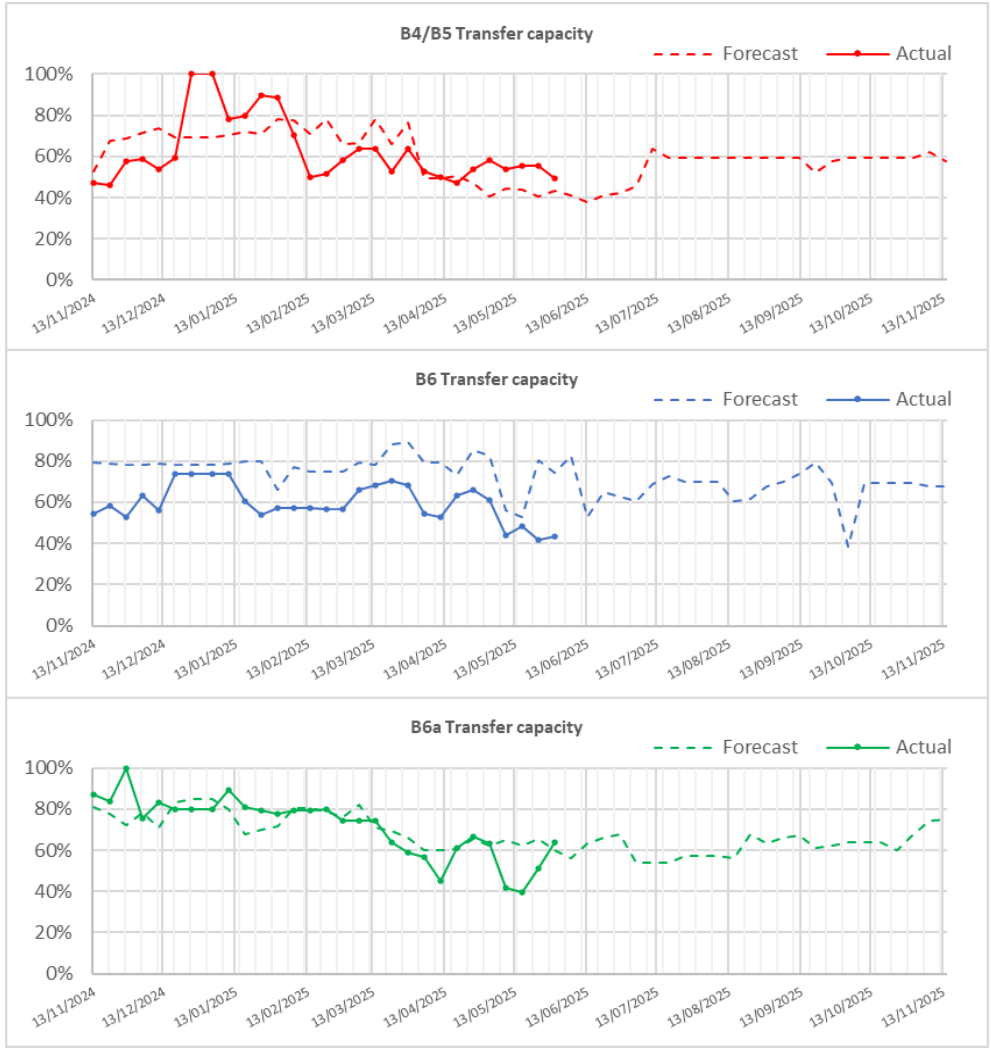






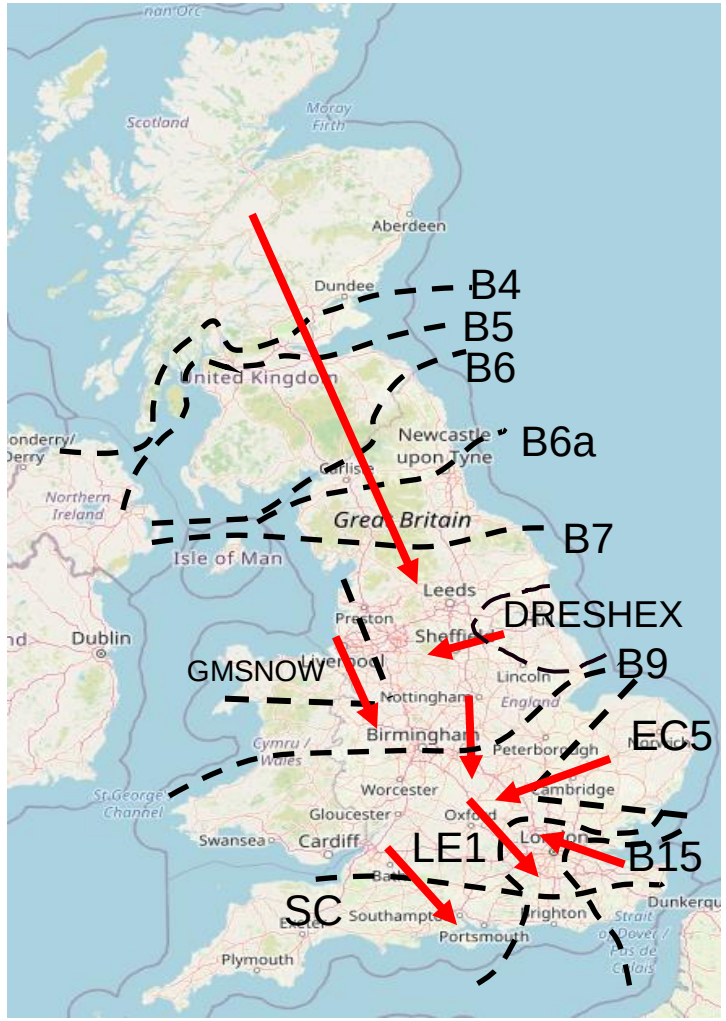


Transparency | Network Congestion



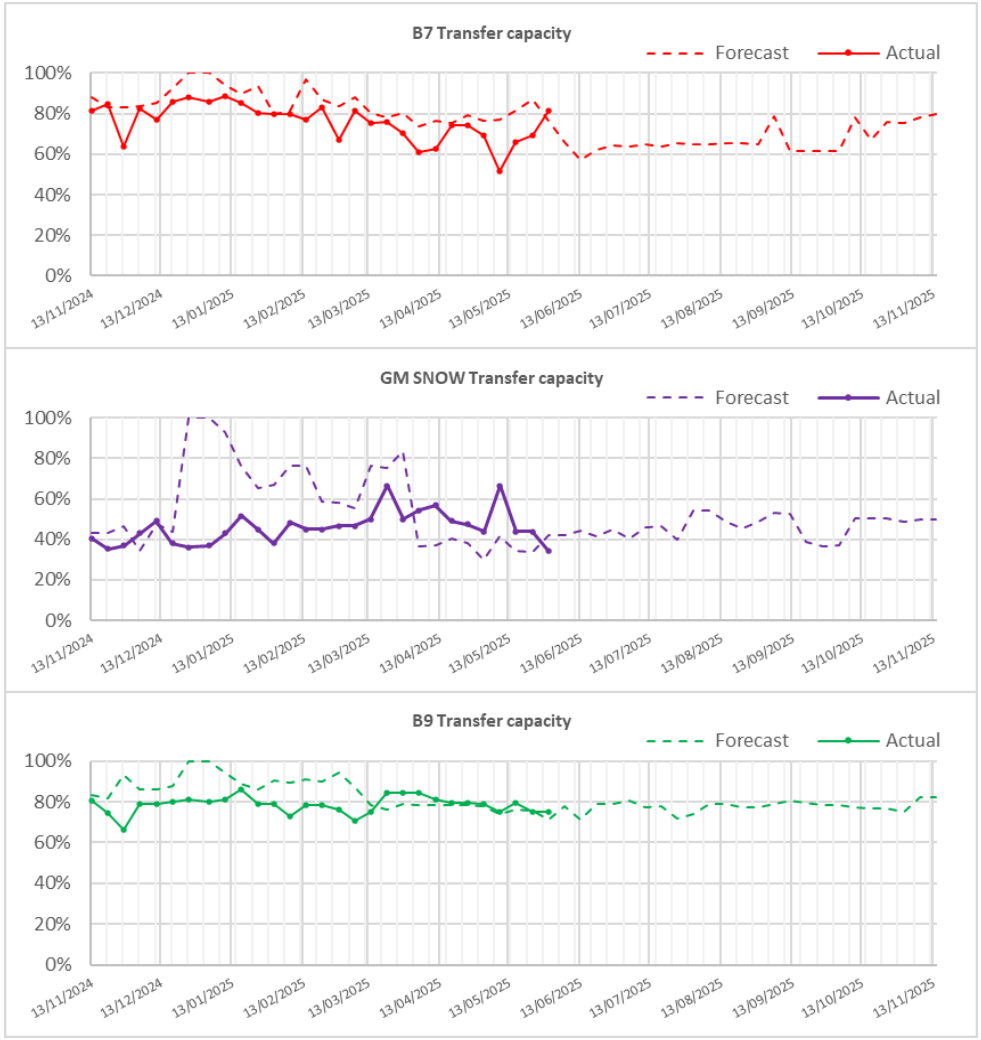
Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	49%
B6 (SCOTEX)	6800	43%
B6a	8000	64%
B7 (SSHARN)	9850	81%
GMSNOW	5800	34%
FLOWSTH (B9)	12700	75%
DRESHEX	9675	58%
EC5	5000	69%
LE1 (SEIMP)	8750	57%
B15 (ESTEX)	7500	80%
SC1	7300	100%

Slido code #OTF



NESO National Energy System Operator

Transparency | Network Congestion



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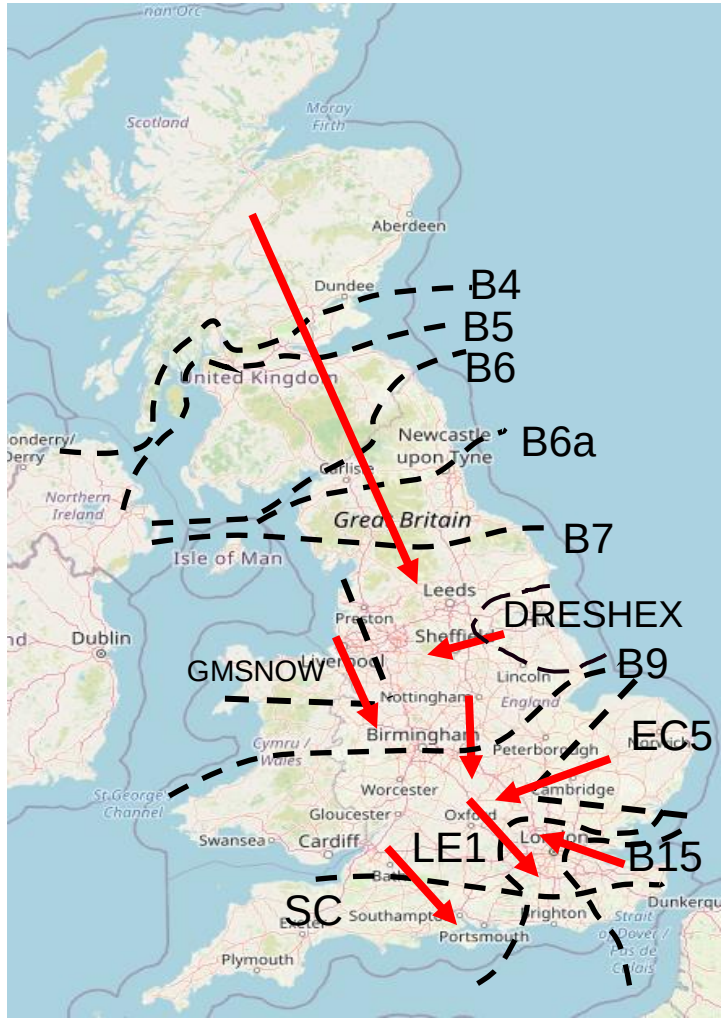
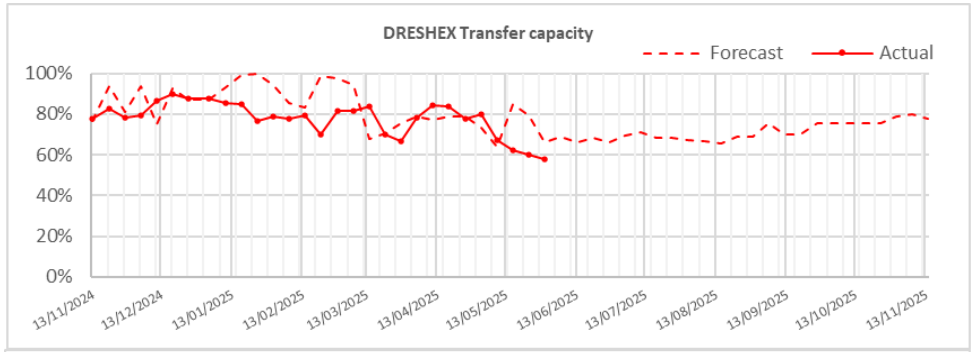
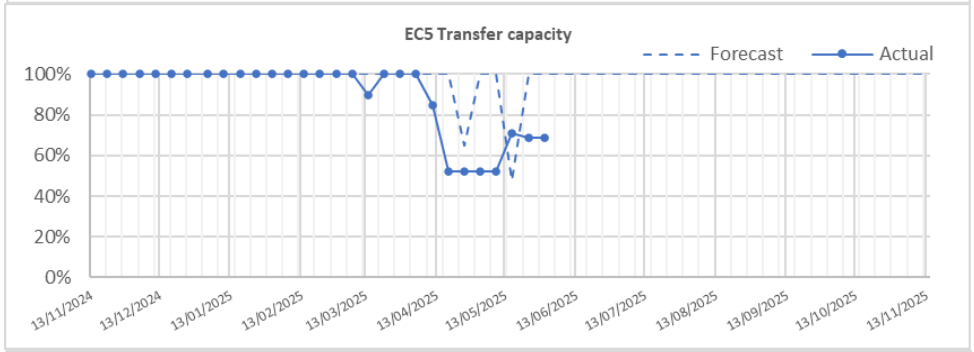
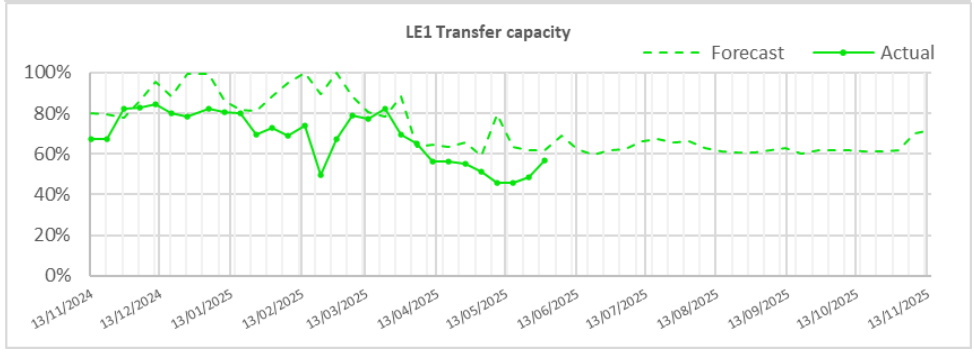


Transparency | Network Congestion







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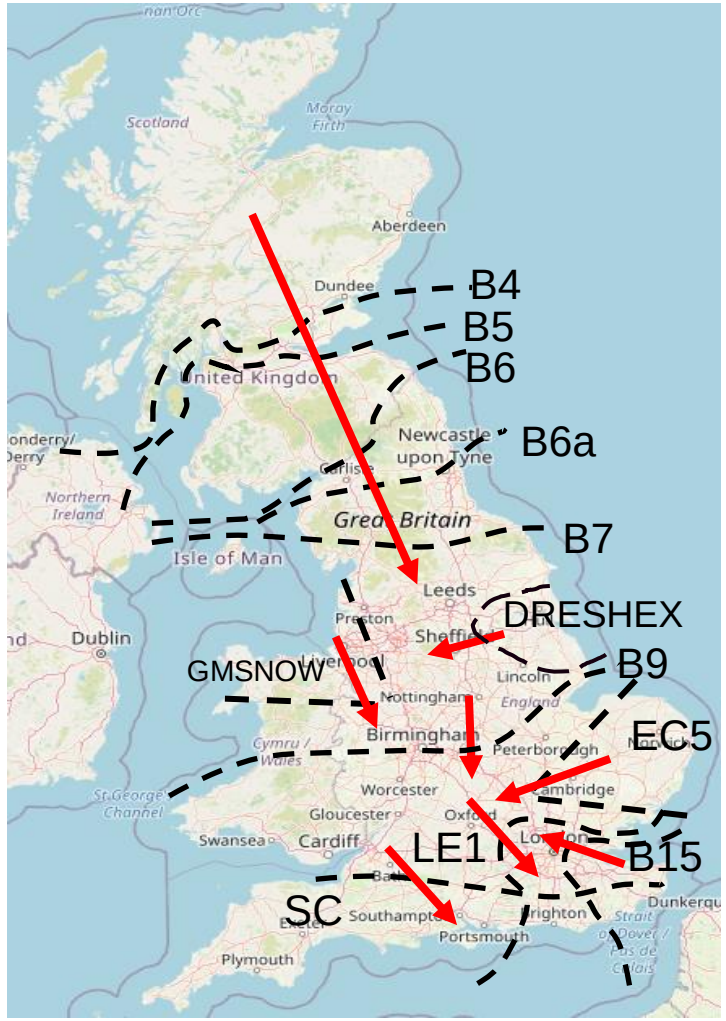

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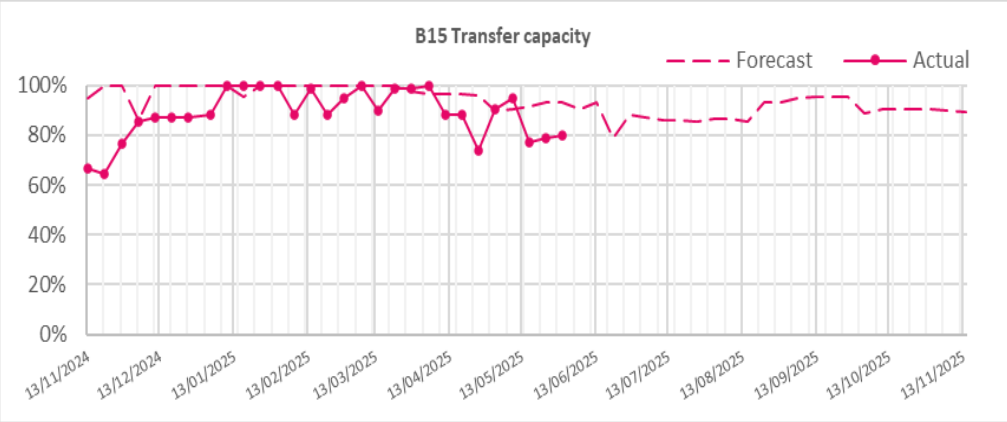
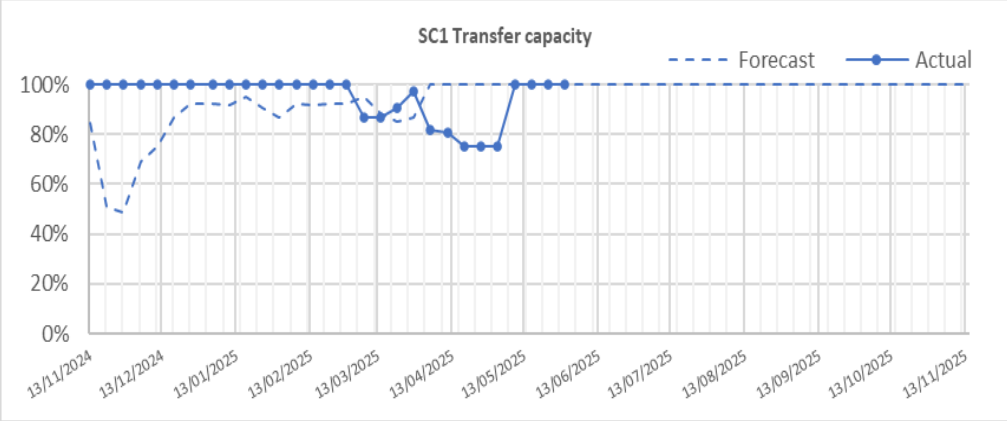
Transparency | Network Congestion





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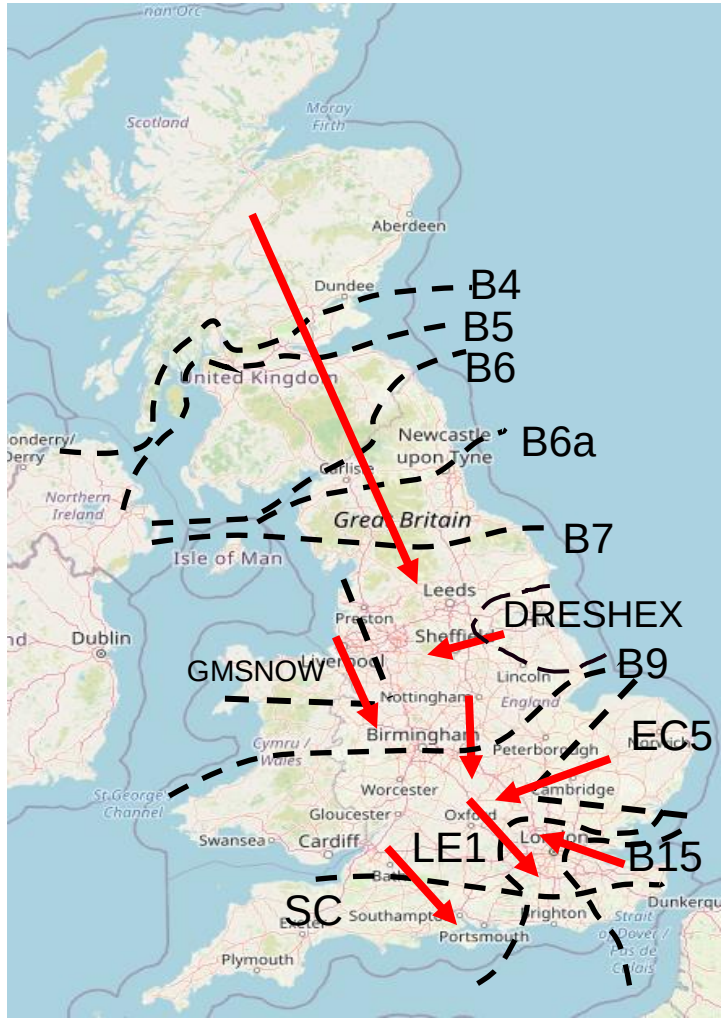
Slido code #OTF



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)

Datasets: We have reissued all published datasets to address an inconsistency caused by treatment of marginal units. There are not significant changes to the overall metrics, for more details please see next slide

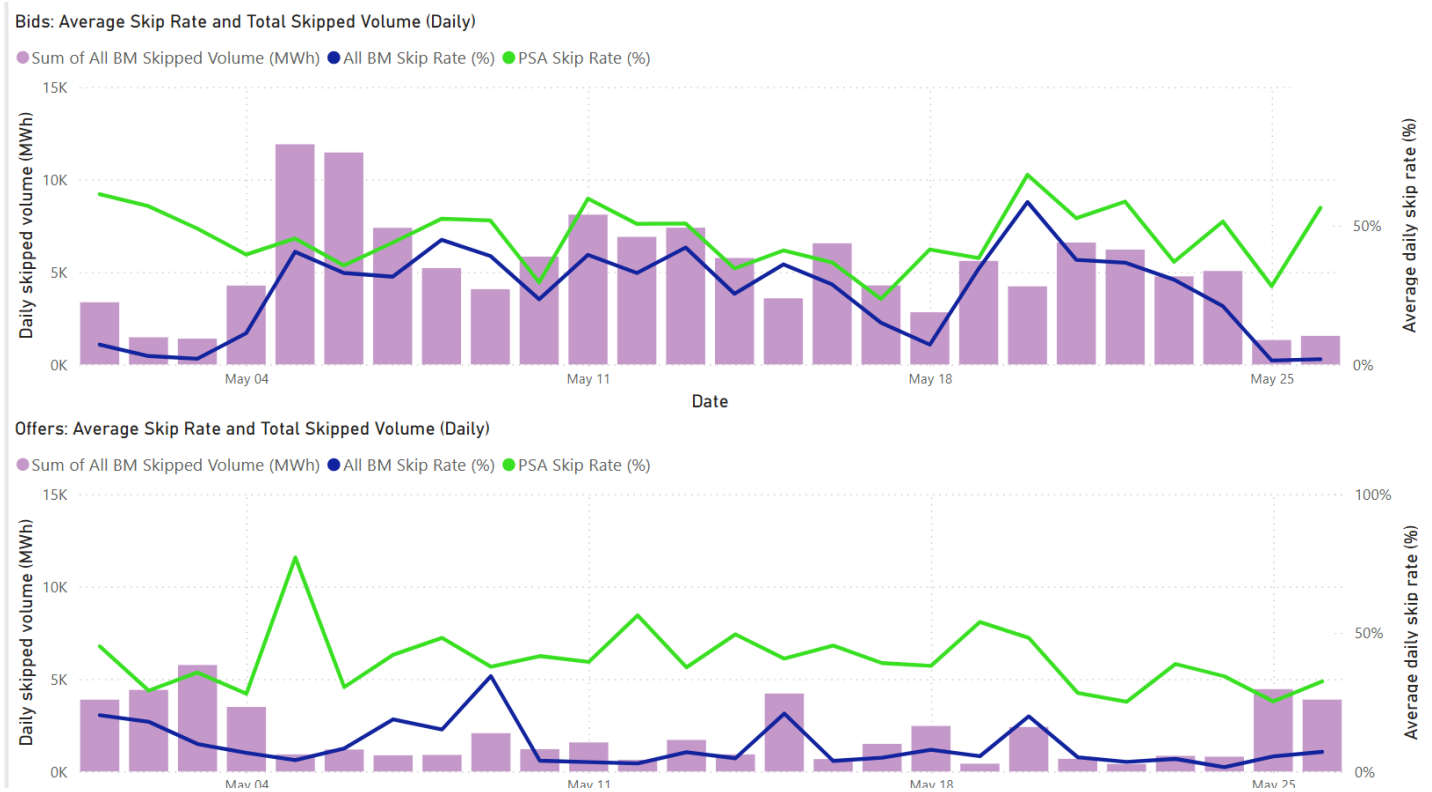
Skip Rates

Slido code #OTF

We are now sharing the summary skip rate data on a rolling 4-week basis. We welcome your comments on if you find this valuable and feedback on how we present this data.

Weekly Average w/e	Offers - All BM	Offers - PSA	Bids - All BM	Bids - PSA
04/05	14%	36%	11%	52%
11/05	7%	41%	35%	43%
18/05	7%	41%	23%	38%
25/05	5%	31%	17%	47%

Monthly Average	Offers - All BM	Offers - PSA	Bids - All BM	Bids - PSA
January	19%	37%	12%	53%
February	17%	37%	5%	50%
March	17%	33%	7%	48%
April	13%	43%	18%	45%
May (MTD)	7%	35%	17%	43%



Slides and recordings from the Forum on 1st May are now available on the skip rate website.

box.SkipRates@nationalenergyso.com

Skip rate data and more info on skip rates and battery storage including methodology.

w/e 25th May: Over the week low demand and a high proportion of renewable generation led to the need for voltage and inertia support, with bids also accepted for wind curtailment. Sunday saw particularly low demand (12.8 GW), prompting a significant number of system actions. This resulted in a notable difference between bids and offers.

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PSA: Post System Action

Data Alignment Changes

We identified some inconsistencies in the published datasets caused by design decisions. Now that we have several months of data, we can see that these decisions are unhelpful as they mean it is not possible to calculate skip rate by fuel type. We have corrected these inconsistencies, and the new datasets were published on Friday 16th May. Please see below a comparison of the numbers.

Before alignment

Monthly Average	Offers - All BM	Offers - PSA	Bids - All BM	Bids - PSA
January	18%	34%	11%	53%
February	15%	33%	5%	49%
March	15%	29%	7%	47%
April	12%	41%	19%	44%
May (MTD)	9%	33%	18%	42%

After alignment

Monthly Average	Offer - All BM	Offer - PSA	Bids - All BM	Bids - PSA
January	19%	37%	12%	53%
February	17%	37%	5%	50%
March	17%	33%	7%	48%
April	13%	43%	18%	45%
May MTD	7%	35%	17%	43%

The updated data indicates that the differences in offer and bid rates are minor, typically ranging by a few percentage points. These adjustments have improved the accuracy of the data without impacting previous trends and analyses. As a result, the industry's insights remain consistent with past evaluations, while ensuring ongoing reliability.

These inconsistencies have been corrected to align with operational behaviour:

- Treatment of marginal units -> lower skipped volume
- Capping accepted volume at MIL/MEL -> reduces imbalance requirement
- Increasing feasible volume to accepted volume where accepted > feasible -> increases feasible volume

These changes slightly reduce the imbalance requirement and increase the feasible volume, which means less units are needed to meet the imbalance requirement, and the marginal price is lower. These updates have changed the skipped volume, reduced the in-merit volume and resulted in an increase in skip rate.

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Previously Asked Questions

Slido code #OTF

Q: (21/05/2025) What was the curtailment split between E&W and Scotland?

A: Curtailment in Scotland made up the majority (94%) of curtailment volumes in April at 289GWh. England and Wales curtailment made up the remaining 6% at 18GWh. It is usual for NESO to undertake a higher level of constraint management in Scotland compared to England and Wales due to high power transfer requirements across the Scottish boundaries. Planned outages impacting the B4/B5 boundaries in recent months have also been contributing to higher curtailment volumes in Scotland.

NESO National Energy System Operator

Previously Asked Questions

Slido code #OTF

Q: (21/05/2025) thanks for the FRCR update. Are you able to say more about the "Future Inertia engagement sessions with industry this summer" you mentioned pls? For example, is this for educational purposes or is this in relation to summer high Res/ low inertia risks....or other?

A: Thanks for your question. The inertia workshop is aiming to present the current status quo about NESO's activities and projects in managing both national and regional inertia, including monitoring, modelling and policy development. We also welcome industry's comments and inputs to this area and look forward to potential collaboration opportunities.

Q: (21/05/2025) Can you send me the slide on the interconnector question - I have seen nothing answering my question.

A: The slide pack is available under Slide 37 of the 21/05/2025 OTF pack. Link: https://www.neso.energy/document/361436/download

Advance Questions

Q: (23/05/25) Where can we see a detail breakdown of the weekly balancing costs shown in the OTF? In particular I'd be curious to see how much of the Reserve cost comes from Quick Reserve and how much comes from other actions

Outstanding Questions

Slido code #OTF

Q: (29/01/2025) NESO only send IPs to the BMU – this is a limitation of EDL - was this not meant to be resolved in the EBS1 2010 system refresh parties paid for?

A: We have tried to contact the person who asked this question in order to clarify what they need to know. Unfortunately, we have not received a response so this question has been closed.

If this is your question, please email: box.nc.customer@nationalenergyso.com

Q: (21/05/2025) Can you share the data behind graph on slide 23 'operational wind outturn and wind curtailment volumes'?

Q: (21/05/2025) You still seem to be reporting wind output below forecasts most of the time. What is the bias in the forecast and what is being done to fix it?

Outstanding Questions

Slido code #OTF

Q: (02/04/2025) When you do an emergency return to service why do you not notify the market of what is returning? It would be useful to know at least the impacted region - gencos need to manage TCLC obligations.

Q: (09/04/2025) We noticed several periods last week (e.g. SP23 on 06/04) where many of the wind bids were not SO-flagged. From what we can tell, they seemed to be taken for system reasons. Could you please clarify whether they were taken for system reasons or not? and if we can expect this behaviour to continue?

Q: (30/04/2025) For BMU's with no dynamic data submitted (e.g. some solar sites) how does the OBP / control room know they're dispatchable and what MZT's are? There have been instances of solar turn off with no data visible on Elexon insights.

Reminder about answering questions at the NESO OTF

Slido code #OTF

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

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slido

Audience Q&A

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

Slido code #OTF

Feedback

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

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

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

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@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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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.

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).

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