

Public

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- Click 'Turn on live captions'

NESO Operational Transparency Forum

23 July 2025

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@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

Future deep dive / focus topics

Slido code #OTF

Today's Deep Dive/Focus Topics

Balancing Costs: June costs – 23 July

Future

Overview of Operational Metering – 6 August

Balancing Costs: July costs – 20 August

Please note: during the summer holiday season this live forum will take place alternate weeks. There will be **no Operational Transparency Forum on 30 July, 13 August and 27 August**. Normal weekly service resumes from 3 September.

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

Connections Reform Evidence Portal

Slido code #OTF

We know that some customers are experiencing technical issues when using the Connections Reform evidence portal.

We understand the frustration and concern that the technical issues affecting some customers' ability to submit evidence to NESO has caused, for which we sincerely apologise.

In recognition of this, we have extended the submission window by at least five working days beyond the original deadline of 29 July, while our team works flat out to resolve things, so that all customers are able to submit evidence as easily and as quickly as possible.

We have rolled out a number of technical and data solutions to correct the issues some customers are experiencing.

To keep customers informed on our progress, NESO has launched a new tracker detailing technical resolutions, which you can view [here](#). We are also regularly updating and improving our FAQs and holding daily Webinars to support customers.

NESO Business Plan April 2026 – March 2028

Call for input

- Two-year plan from April 2026–March 2028
- First post RII0-2 business plan
- Performance objectives in development but will build upon those set out in BP3.

Submit your thoughts & views

We are keen to hear your views on the commitments you feel we should deliver in the April 2026 – March 2028 period.

To share your opinions, please submit a response to our call for input via the form linked in the chat before **11 August 2025**.

[NESO Business Plan Development Call for Stakeholder Input](#)



Balancing Programme September 2025 Webinar

Date: 16 September 2025

Time: 11:00am – 12:30pm

Location: Microsoft Teams

We will share the latest on our Balancing and Forecasting capabilities planned for delivery into the Control Room and provide an update on progress to shape our capabilities beyond 2025 using Industry input.

A more detailed agenda will be shared closer to the webinar

To sign up to the event, click [here](#) or scan the QR code below



Slido code #OTF

ENCC future design strategy team

External engagement
webinar



Slido code #OTF

To give you an early overview of what to expect, we are happy to share an agenda for our upcoming engagement:

- **An insight into the Future Control Strategy**
- **Areas of industry explored so far**
- **How to give us input in the future**
- **Next steps for the ENCC Control Strategy**
- **Why the input of customers is important**
- **Time for questions**

29 July 2025, 11:00–12:00 BST

[Link to join can be found: here](#)

Dispatch Transparency Programme (Skip Rates) – Webinar

Slido code #OTF

We will be hosting a Webinar on **7 August 2025**.

This webinar will be facilitated by NESO leaders and technical experts. Please join us for a demonstration of the initial version of our interactive dashboard, to see how this will make interpretation of skip rate datasets easier along with other programme updates.

You will also have the opportunity to ask questions.

Date & Time details:

Date: 7 August 2025

Time: 14:00 – 15:30

Attendance & who this webinar is suited for:

This webinar is specifically tailored for professionals closely involved in dispatch efficiency, battery storage and skip rates.

If you are interested in attending, please register via this [link](#).

For any enquiries please contact us by email – box.skiprates@neso.energy



We will be publishing content from this webinar on our website after the event for those who are not able to attend.

CSNP Draft Methodology consultation

Webinar series

Whole system overview	4 July	10am
Gas planning	22 July	10am
Electricity planning	22 July	2pm
Broadening participation	23 July	10am
Appraising network options	23 July	2pm
Offshore Coordination	24 July	10am
Hydrogen planning	24 July	2pm

Slido code #OTF

Future energy networks

The **Strategic Spatial Energy Plan**, supported by **Future Energy Scenarios** will show the extent to which the:

- Electricity networks will need to continue to grow
- Use on the gas networks will change
- Hydrogen networks may begin to emerge

This analysis is the first step in a proposed six-step framework undertaken across all three vectors to plan whole energy network.

New CSNP whole system format

- We're bringing together electricity, gas and hydrogen transmission network planning following stakeholder feedback.
- The methodology shows commonalities of approach within a new 'whole system' CSNP overview.
- It also details how we'll carry out electricity, gas and hydrogen planning for Great Britain's energy network.

We're seeking feedback on all key areas of the plan through this consultation.

Future Event Summary

Slido code #OTF

Event	Date & Time	Link
CSNP Draft Methodology consultation – Webinar Series: Appraising Network Options	23rd July (14:00)	Register here
CSNP Draft Methodology consultation – Webinar Series: Offshore Coordination	24th July (10:00)	Register here
CSNP Draft Methodology consultation – Webinar Series: Hydrogen Planning	24th July (14:00)	Register here
ENCC Future Control Strategy Engagement	29 th July (11:00–12:00)	Register here
Balancing Programme Technology Stakeholder Focus Group	31 st July (11:00–12:30)	Register here
Dispatch Transparency Programme – Webinar (Data Interpretation)	7 th August (14:00–15:30)	Register here
Balancing Programme Sep 2025 Webinar	16 September (11:00–12:30)	Register here

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

Public

Monthly Balancing Cost Update

June 2025

Balancing Costs Team

Monthly Cost Summary

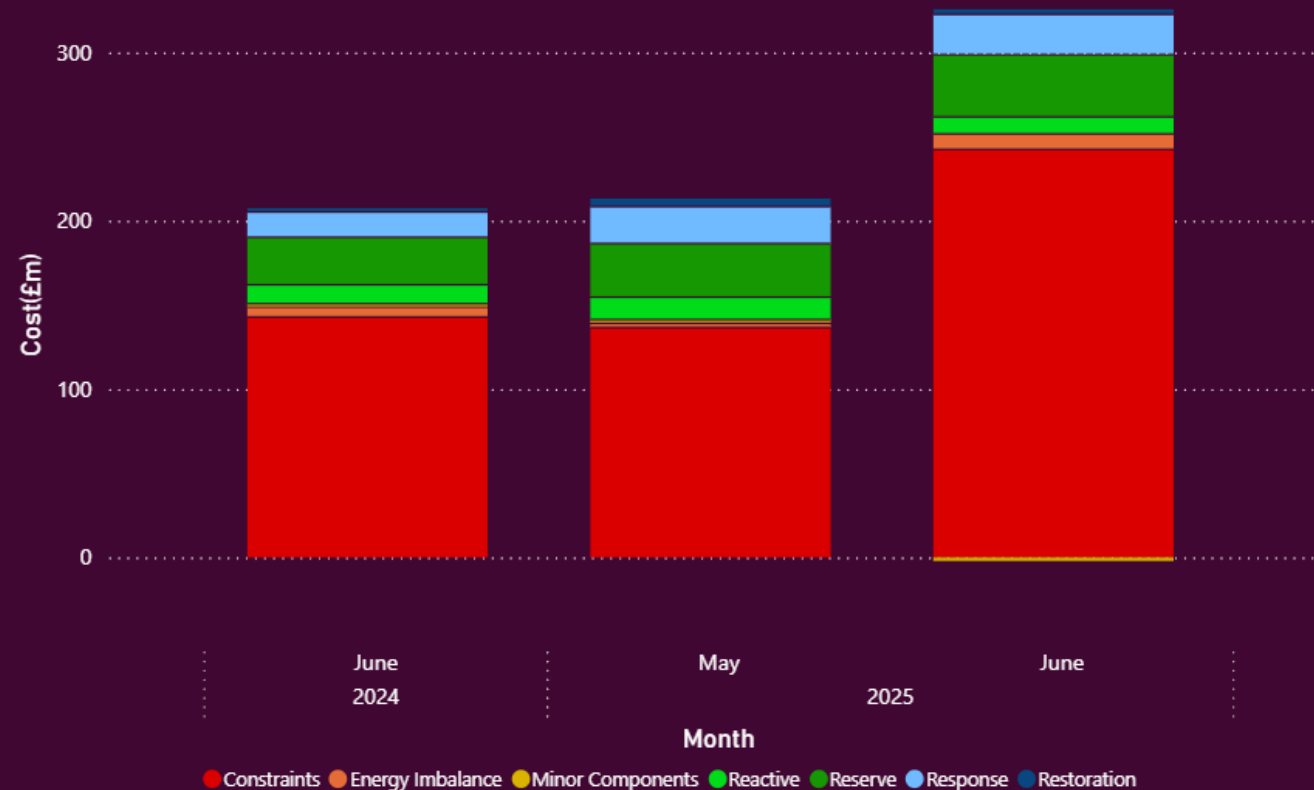
Balancing costs in June 2025 were £324m.

This was an increase of £109m on last month and £116m on last year.

Balancing costs were largely influenced by the wind outturn in June, which was the highest recorded June wind outturn on record, and around 1.5TWh higher than the second highest outturn (June 2024). This led to higher than expected constraint costs.

There are still ongoing outages across Scotland which took place during the month, further influencing constraint costs in the region, especially during days with high wind outturn. Lower demand during daylight hours and high wind outturn additionally led to further redispatch actions by NESO for voltage and inertia management, with near record high costs incurred for both.

Cost (£m) by Attribute

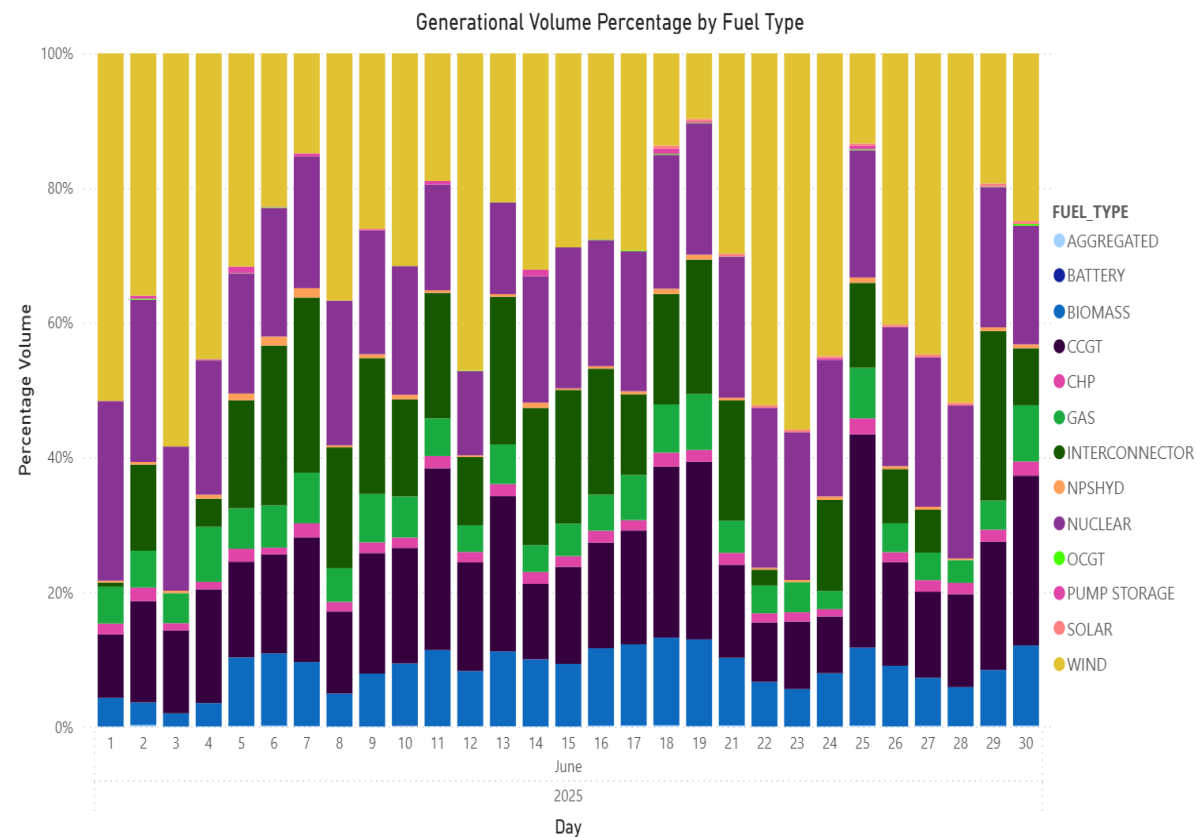
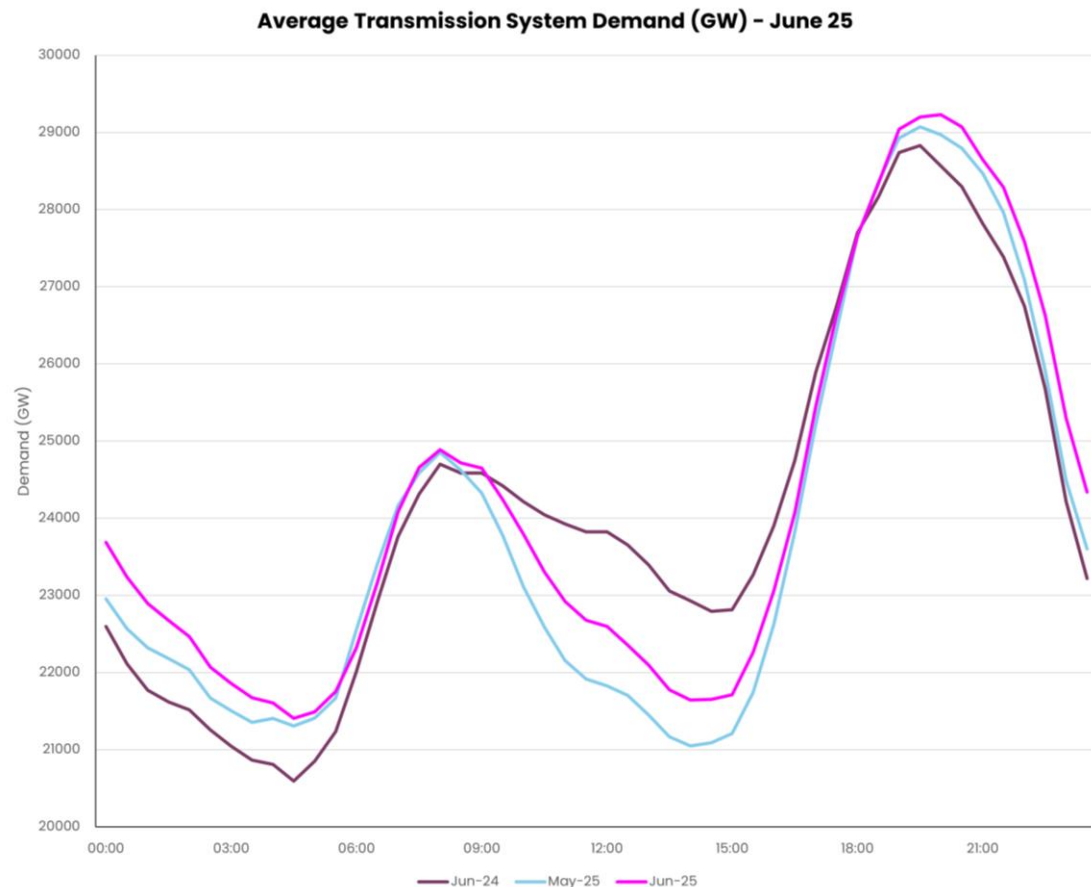


Voltage: £37.6m

Thermal: £195.8m

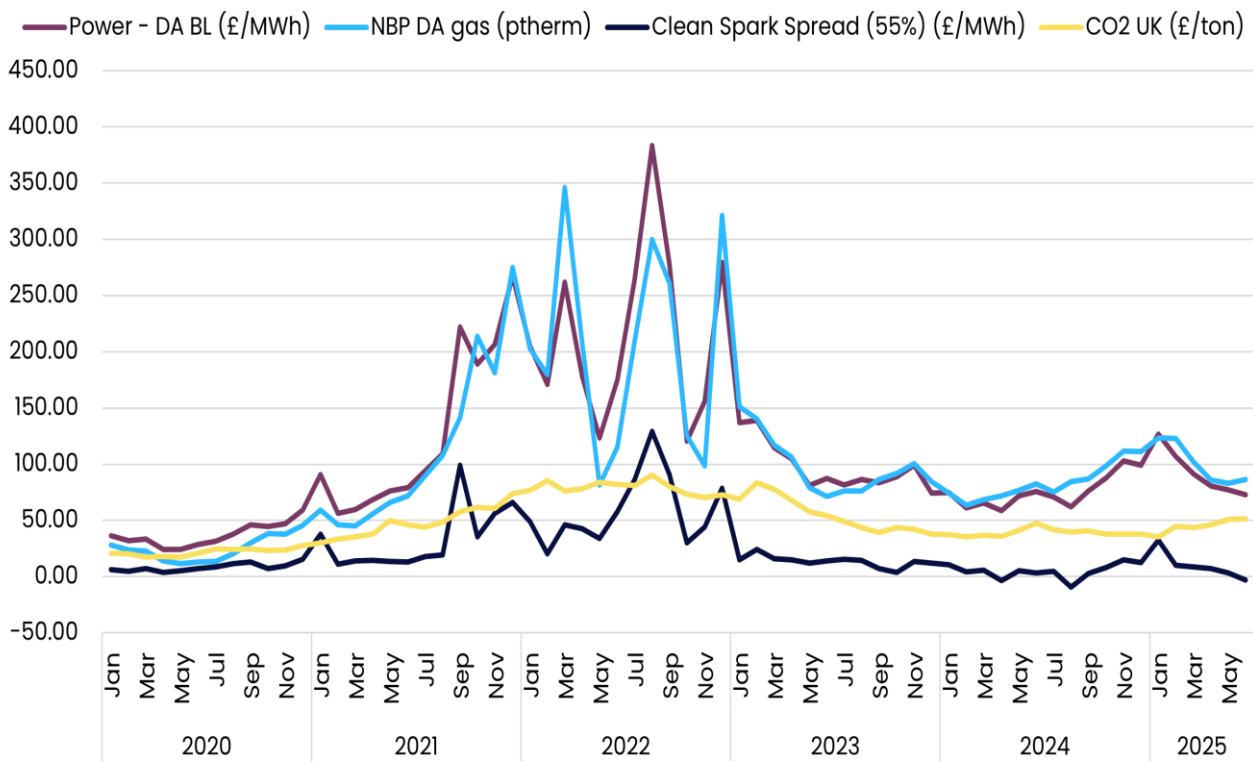
Inertia: £8.0m

System Conditions



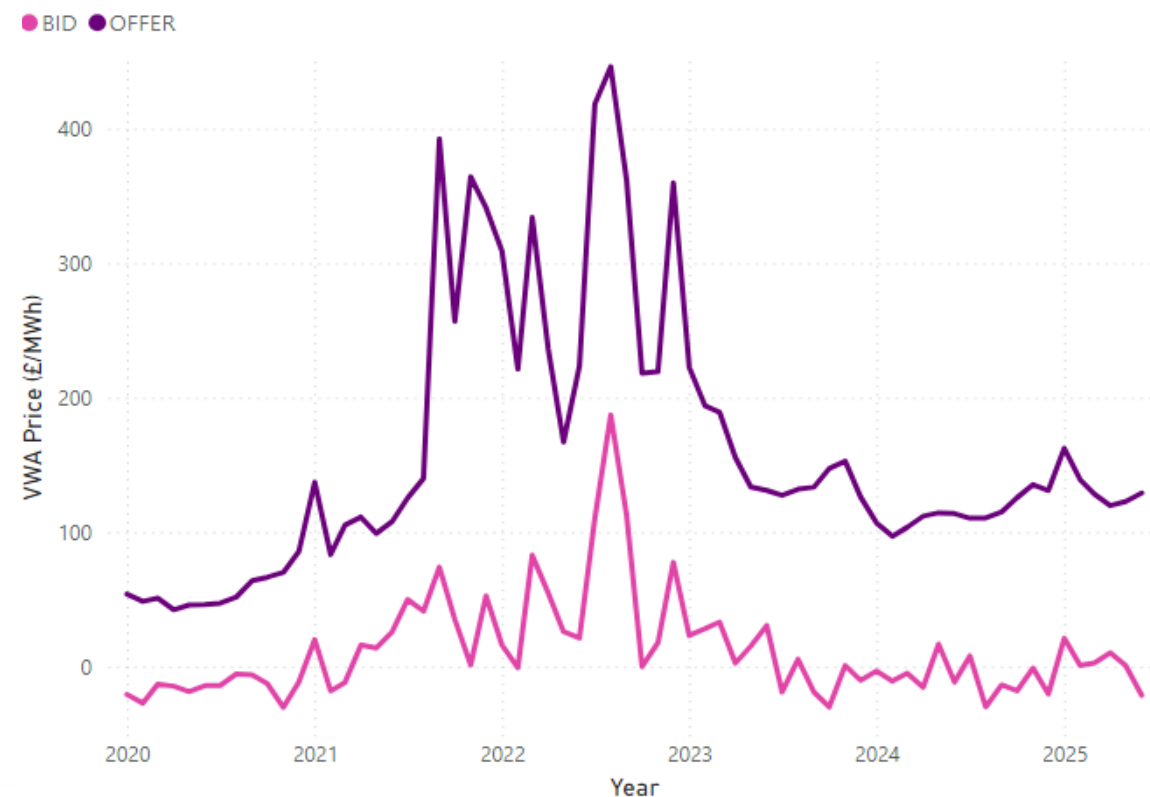
Market Conditions

Day Ahead market trends (2020 - 2025)



	DA Power Price	VWA offer price	VWA bid price
M-o-m change	↓ -£4/MWh	↑ +£6/MWh	↓ -£22/MWh
Y-o-y	↓ -£3/MWh	↑ +£15/MWh	↓ -£10/MWh

VWA Prices for Bids and Offers



Daily Costs and Volumes

The highest cost day was 4th June at £19.2m. The high costs corresponded with the high absolute volume of actions taken. This was largely down to NESO having to bid off significant volumes of wind across the day and offer on replacement energy for both voltage support and energy/inertia management.

Daily average cost was £10.8m, a £3.9m increase on the previous month.

Key trends from previous month:

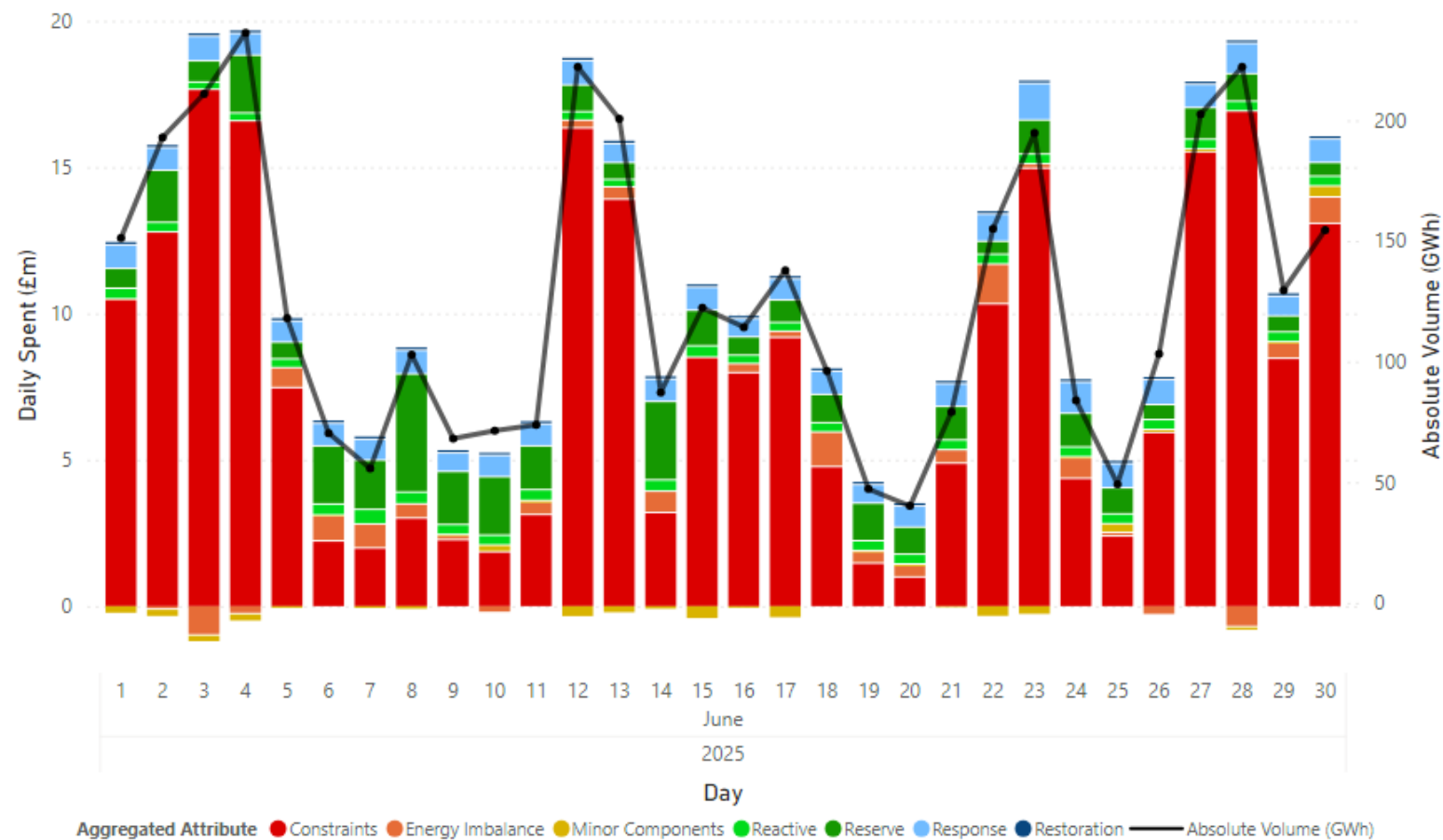
	Constraint	Non-constraint
Cost	↑ 78%	↑ 6%
Volume	↑ 64%	↓ -23%



Daily average cost:

£10.8m

Daily Cost and Volume by Action Type



Wind Outturn

Overall wind outturn grew in June to 5.4TWh from 4.7TWh in May. Due to a much higher wind outturn that typically expected in June and ongoing outages in Scotland, we saw an increase in wind curtailment from 484GWh in May to 1.15TWh in June.

The highest wind curtailment for the month was on 28th June with 117GWh representing about 30% of the hypothetical wind outturn. This was the third highest wind outturn seen across the month.

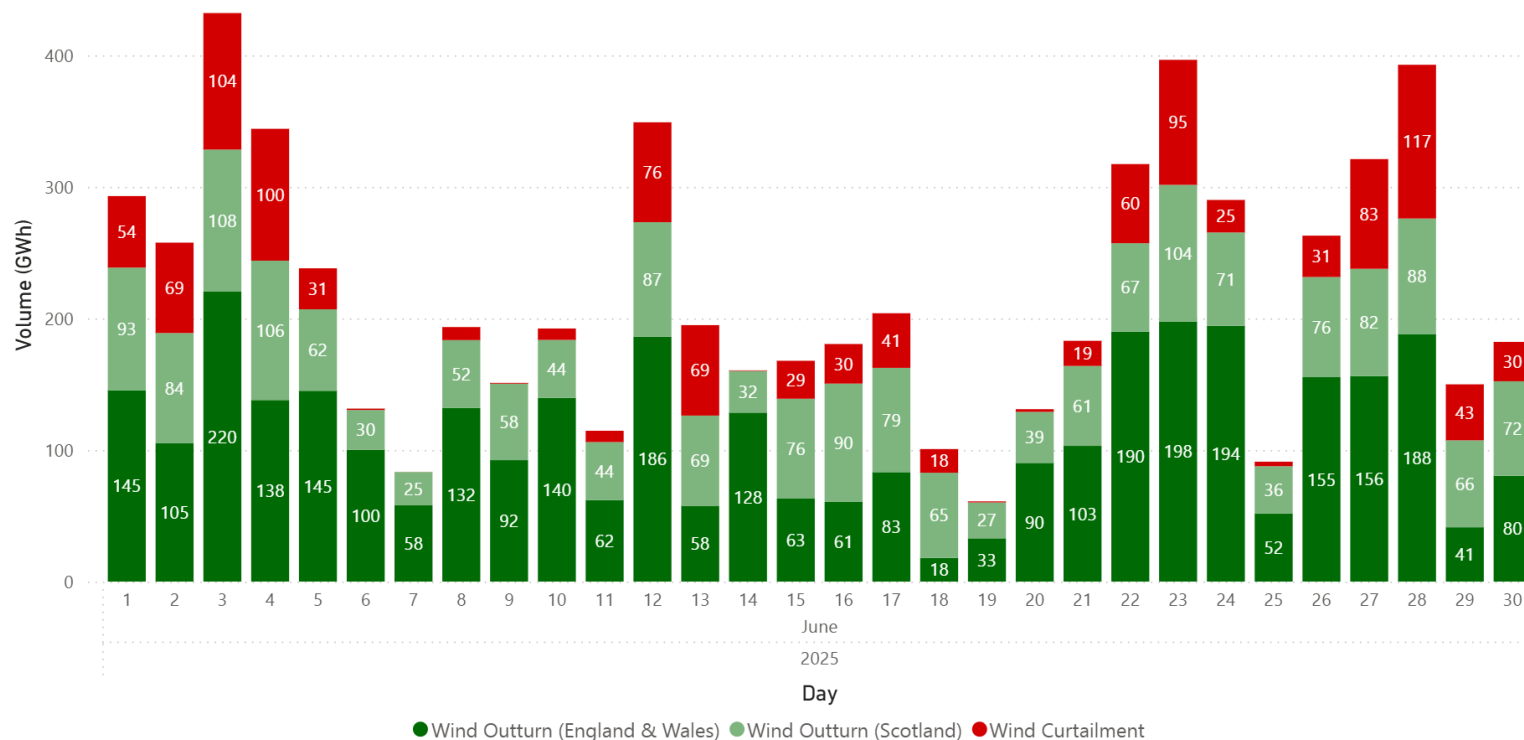
	Total	England & Wales	Scotland
Wind Outturn (TWh)	5.4	3.4	2.0



Monthly wind curtailment %:

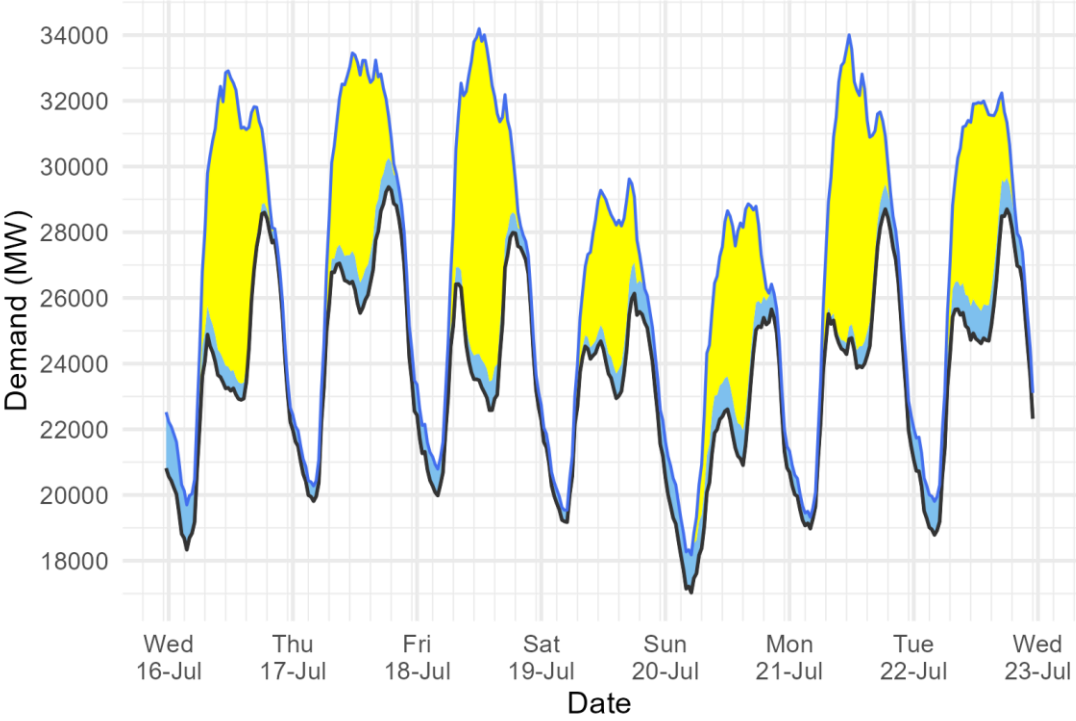
18%

Operational Wind Outturn and Wind Curtailment Volumes



Demand | Last week demand out-turn

NESO National Demand outturn 16-22 July 2025



Demand type

- National Demand (ND)
transmission connected
generation requirement within GB
- ND + est. of PV & wind
at Distribution network

Renewable type

- Distributed_PV
- Distributed_Wind

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](#)

Slido code #OTF

Distributed generation
Peak values by day

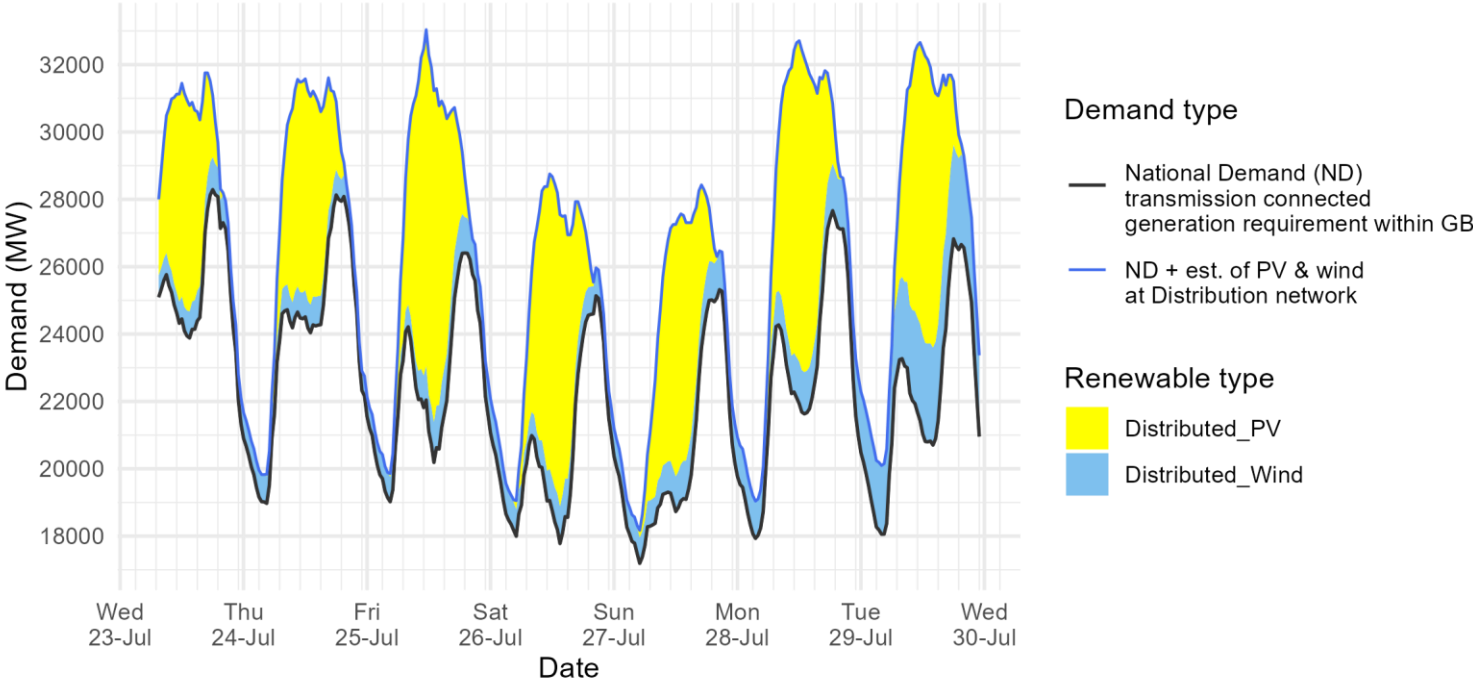
OUTTURN		
Date	Daily Max Dist. PV (GW)	Daily Max Dist. Wind (GW)
16 Jul 2025	9.0	1.7
17 Jul 2025	6.6	1.0
18 Jul 2025	10.0	1.0
19 Jul 2025	4.5	1.1
20 Jul 2025	6.2	1.2
21 Jul 2025	8.9	0.9
22 Jul 2025	6.3	1.1

National Demand
Minimum Demands

		FORECAST (Wed 16 Jul)			OUTTURN		
Date	Forecasting Point	National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)	National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)
16 Jul 2025	Daytime Min	22.0	0.6	10.6	22.9	0.5	7.8
17 Jul 2025	Overnight Min	19.6	0.4	0.1	19.8	0.5	0.0
17 Jul 2025	Daytime Min	25.3	0.8	6.1	25.5	0.9	6.3
18 Jul 2025	Overnight Min	19.5	0.8	0.0	20.0	0.8	0.0
18 Jul 2025	Daytime Min	21.5	0.8	8.4	22.6	0.9	9.6
19 Jul 2025	Overnight Min	18.8	0.5	0.1	19.2	0.3	0.1
19 Jul 2025	Daytime Min	20.5	1.0	5.4	22.7	0.3	1.0
20 Jul 2025	Overnight Min	17.0	1.2	0.2	17.0	1.1	0.0
20 Jul 2025	Daytime Min	18.5	1.3	1.5	18.4	1.0	1.5
21 Jul 2025	Overnight Min	18.4	0.9	0.0	19.0	0.3	0.0
21 Jul 2025	Daytime Min	23.1	0.9	8.1	23.9	0.5	7.9
22 Jul 2025	Overnight Min	19.3	0.8	0.0	18.8	1.0	0.0
22 Jul 2025	Daytime Min	22.6	1.0	8.6	24.2	0.9	1.9

Demand | Week Ahead

NESO Demand forecast for 23-29 July 2025



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

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[Historic Demand Data](#) & [Demand Data Update](#)

National Demand

Minimum Demands

FORECAST (Wed 23 Jul)

Date	Forecasting Point	National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)
23 Jul 2025	Daytime Min	23.9	0.8	6.1
24 Jul 2025	Overnight Min	19.0	0.8	0.1
24 Jul 2025	Daytime Min	23.8	0.7	2.5
25 Jul 2025	Overnight Min	19.0	0.7	0.1
25 Jul 2025	Daytime Min	20.2	1.2	9.8
26 Jul 2025	Overnight Min	18.0	0.8	0.3
26 Jul 2025	Daytime Min	17.8	1.1	8.7
27 Jul 2025	Overnight Min	17.2	0.8	0.2
27 Jul 2025	Daytime Min	18.3	0.8	2.0
28 Jul 2025	Overnight Min	17.9	1.1	0.0
28 Jul 2025	Daytime Min	21.6	1.2	9.3
29 Jul 2025	Overnight Min	18.1	2.0	0.0
29 Jul 2025	Daytime Min	20.7	2.9	7.8

NESO Actions | Category Cost Breakdown

Slido code #OTF

Date

12/07/2025

18/07/2025

Weekly Total Costs (£)

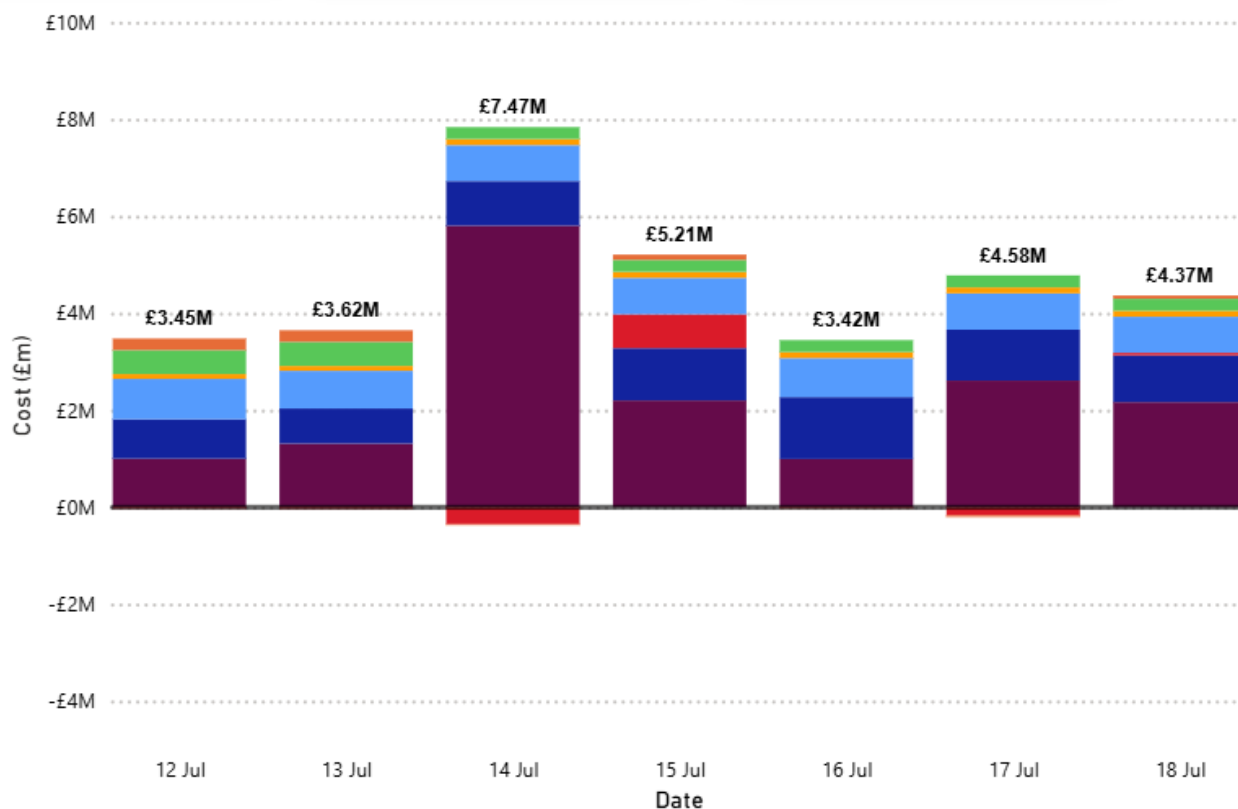
32.1M

Last Week Total Costs (£)

46.0M

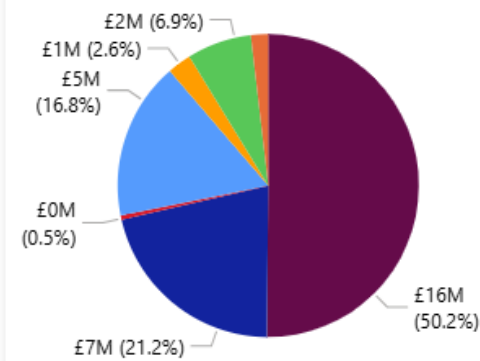
Past 30-Day Average Costs (£)

8.3M



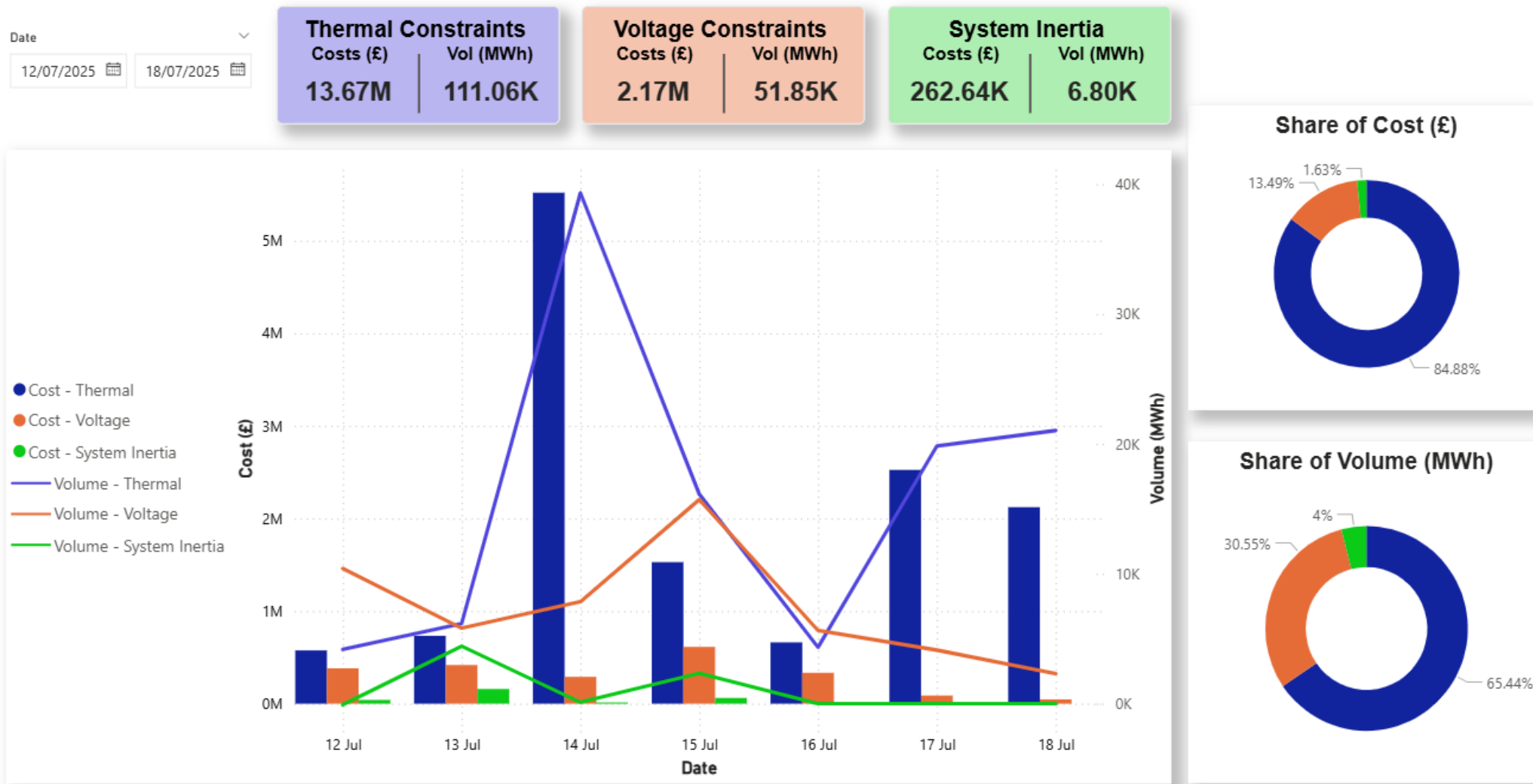
Date	Total Costs
12 July 2025	£3,451,551
13 July 2025	£3,615,118
14 July 2025	£7,473,092
15 July 2025	£5,210,435
16 July 2025	£3,421,508
17 July 2025	£4,581,027
18 July 2025	£4,367,257
Total	£32,119,988

Weekly Cost (£) and Share (%)



NESO Actions | Constraint Cost Breakdown

Slido code #OTF

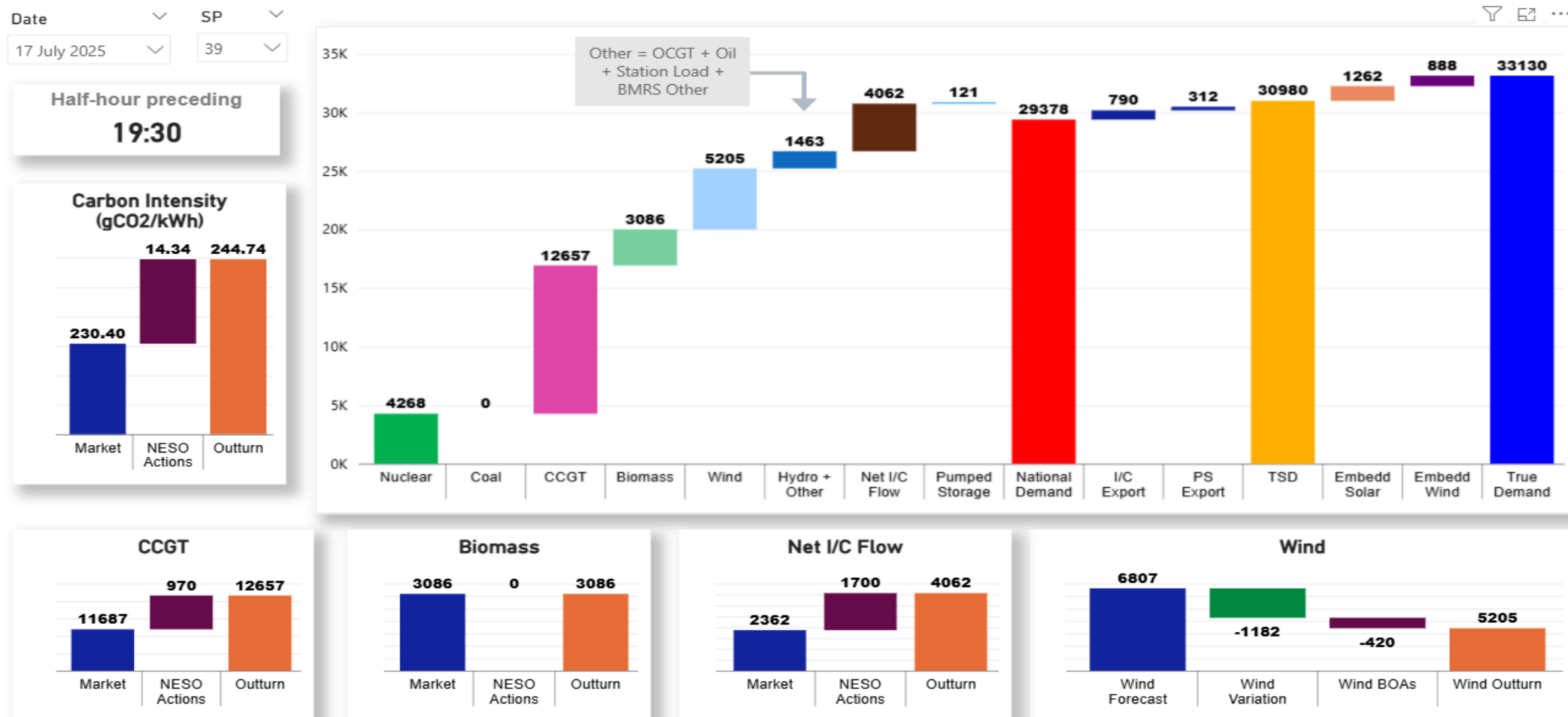


Note: Thermal Constraint volume is reported as an absolute figure.

NESO Actions | Peak Demand – SP spend ~£192k

Thursday 17th July

Slido code #OTF



NESO Actions | Minimum Demand – SP spend ~£78k

Saturday 12th July

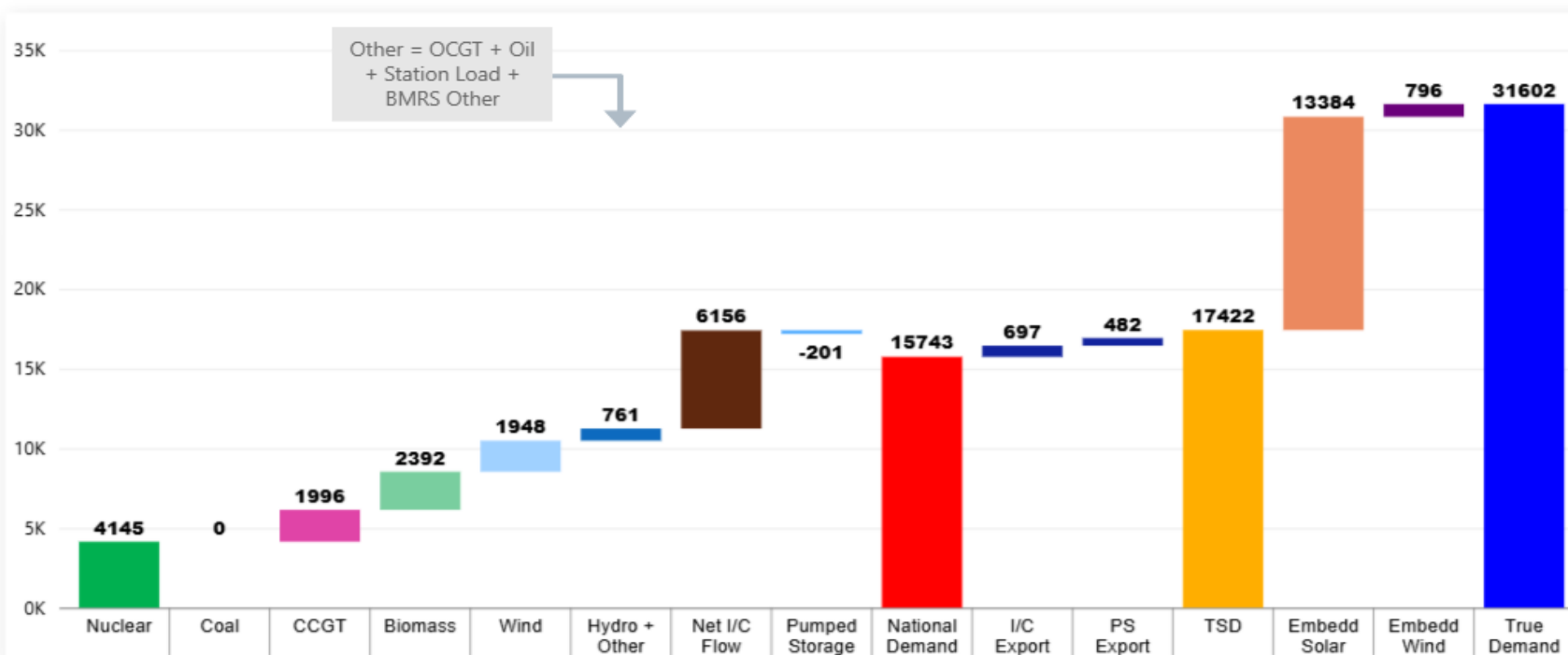
Slido code #OTF

Date
12 July 2025

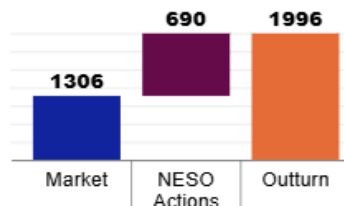
SP
29

Half-hour preceding
14:30

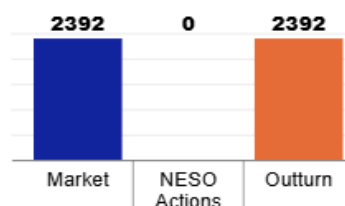
Carbon Intensity
(gCO₂/kWh)



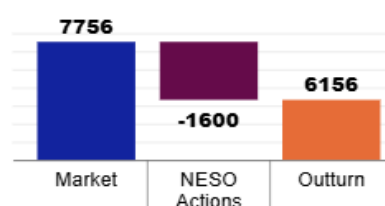
CCGT



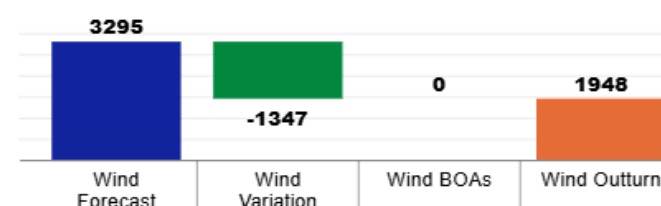
Biomass



Net I/C Flow



Wind



NESO Actions | Highest SP spend ~£218k

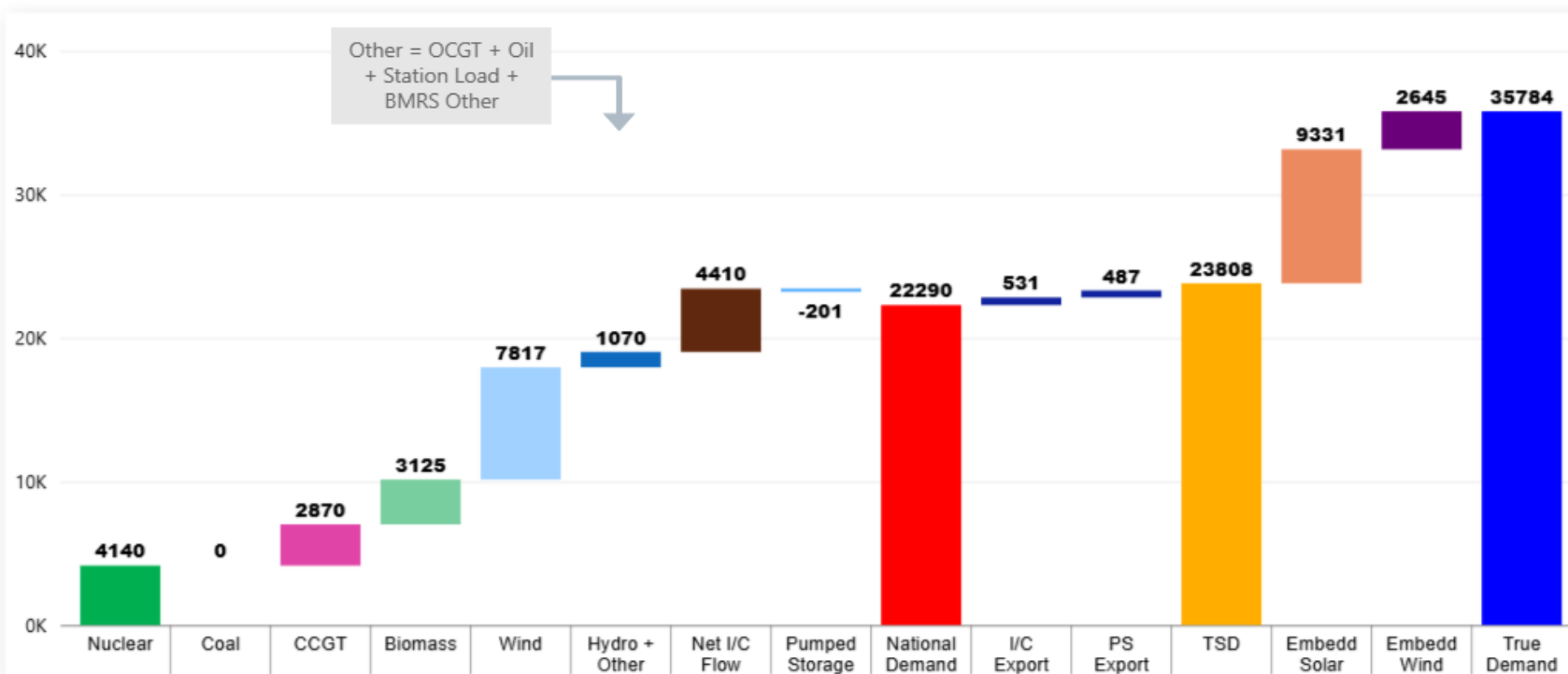
Monday 14th July

Slido code #OTF

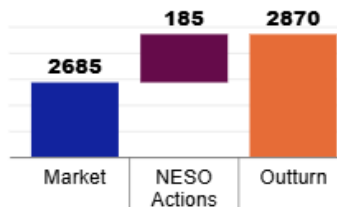
Date 14 July 2025
SP 25

Half-hour preceding
12:30

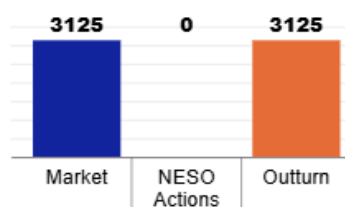
Carbon Intensity
(gCO₂/kWh)



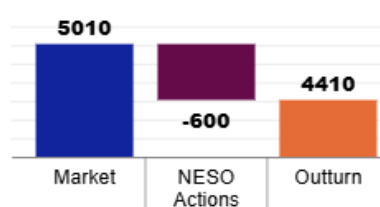
CCGT



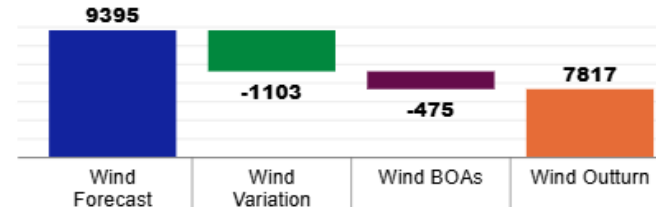
Biomass



Net I/C Flow



Wind

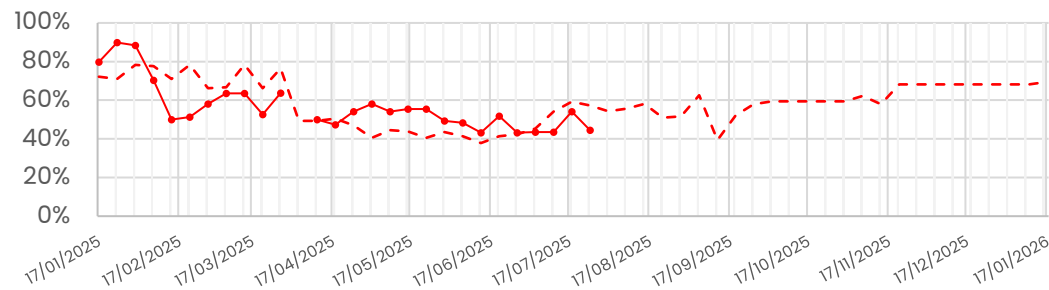


Transparency | Network Congestion

Slido code #OTF

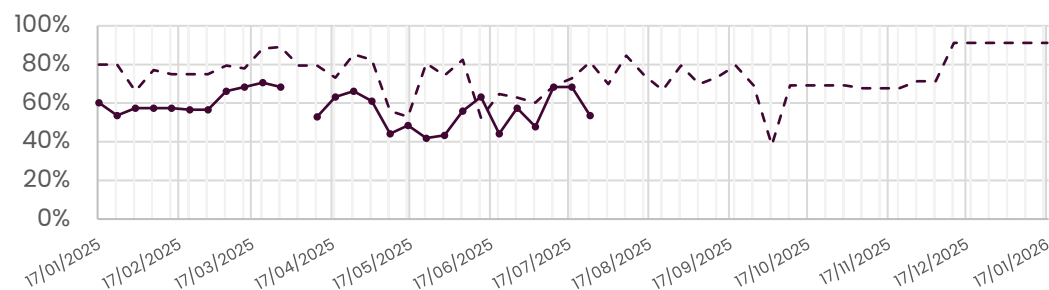
B4/B5 Transfer capacity

--- Forecast —●— Actual



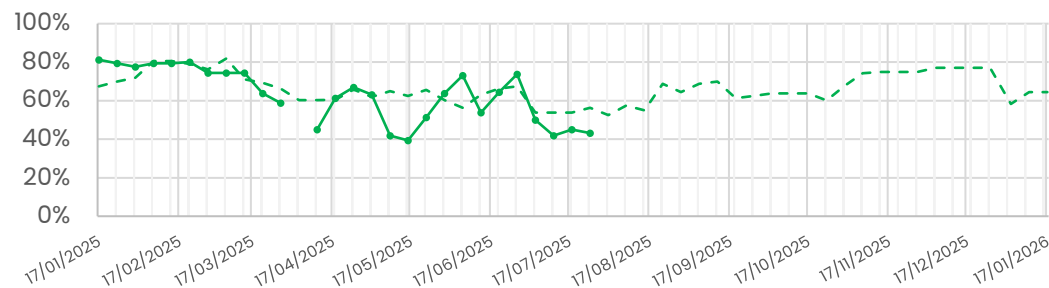
B6 Transfer capacity

--- Forecast —●— Actual

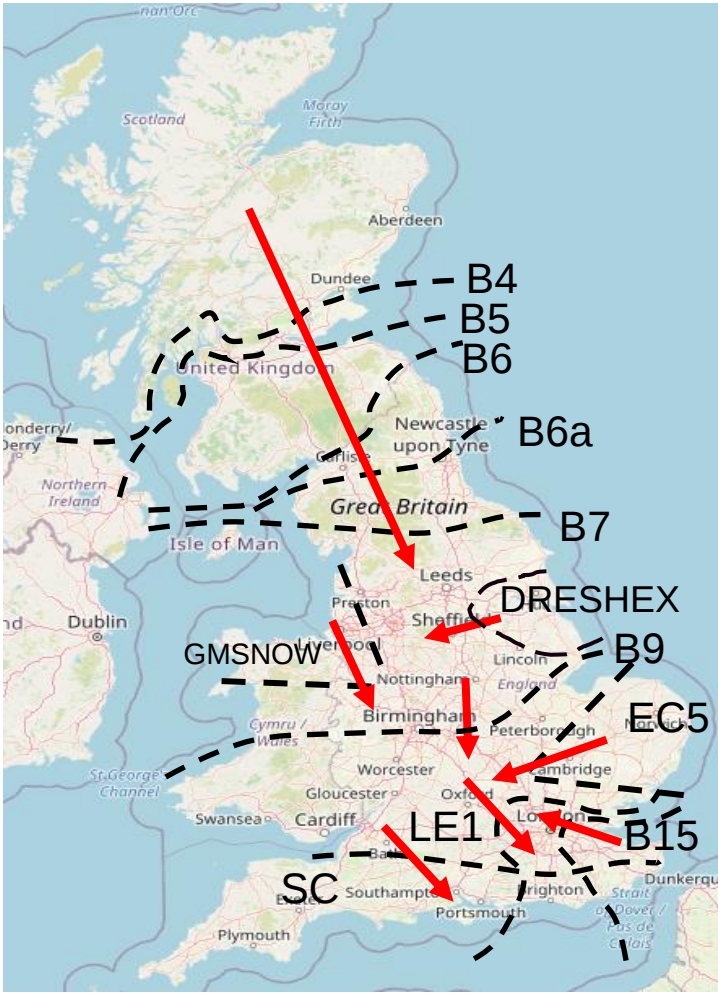


B6a Transfer capacity

--- Forecast —●— Actual

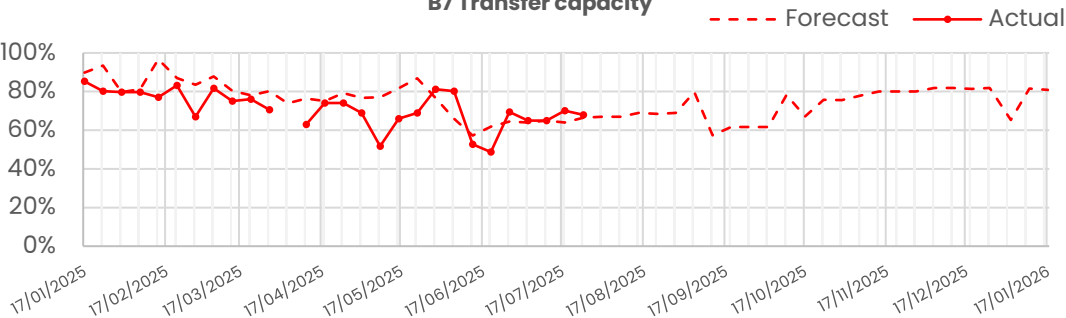


Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	45%
B6 (SCOTEX)	6800	54%
B6a	8000	43%
B7 (SSHARN)	9850	68%
GMSNOW	5800	34%
FLOWSTH (B9)	12700	64%
DRESHEX	9675	57%
EC5	5000	100%
LE1 (SEIMP)	8750	49%
B15 (ESTEX)	7500	87%
SC1	7300	73%

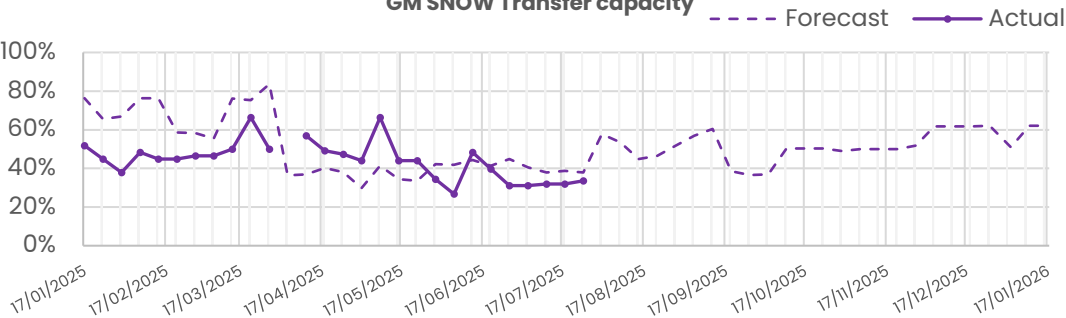


Transparency | Network Congestion

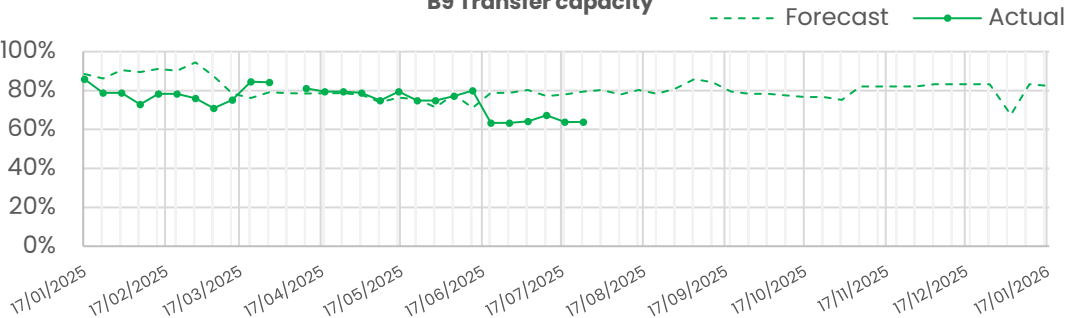
B7 Transfer capacity



GM SNOW Transfer capacity

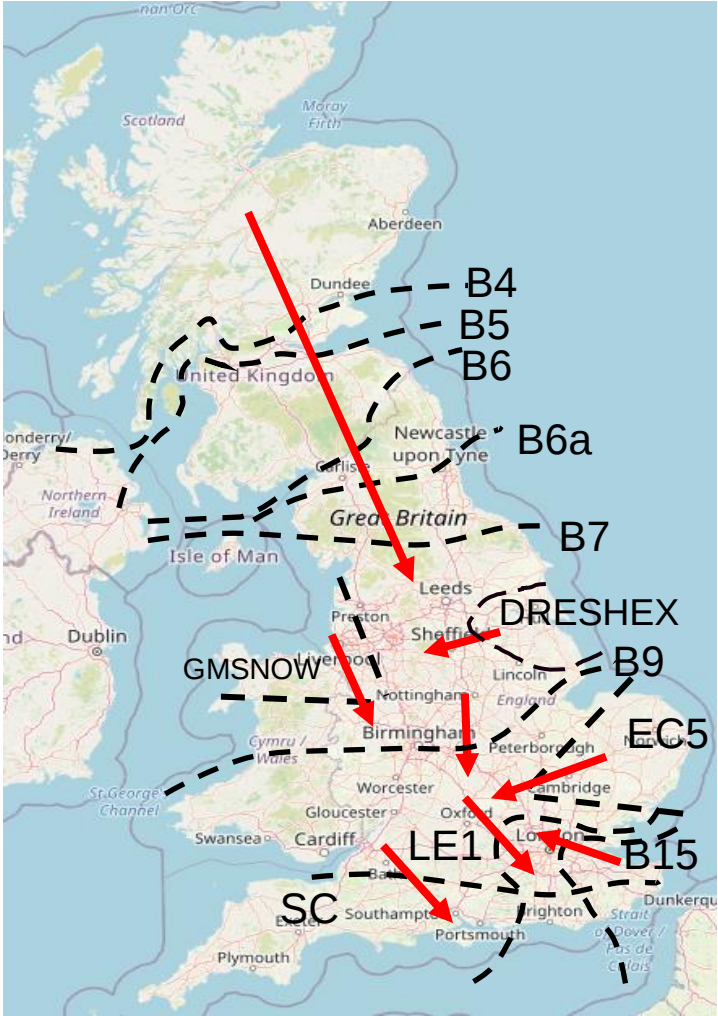


B9 Transfer capacity



Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	45%
B6 (SCOTEX)	6800	54%
B6a	8000	43%
B7 (SSHARN)	9850	68%
GMSNOW	5800	34%
FLOWSTH (B9)	12700	64%
DRESHEX	9675	57%
EC5	5000	100%
LE1 (SEIMP)	8750	49%
B15 (ESTEX)	7500	87%
SC1	7300	73%

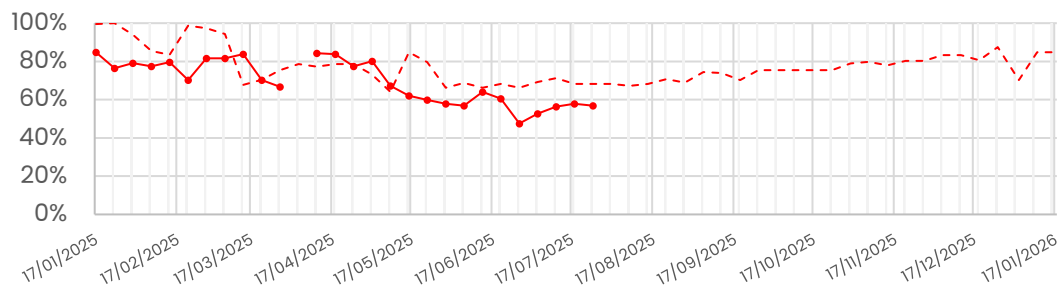
Slido code #OTF



Transparency | Network Congestion

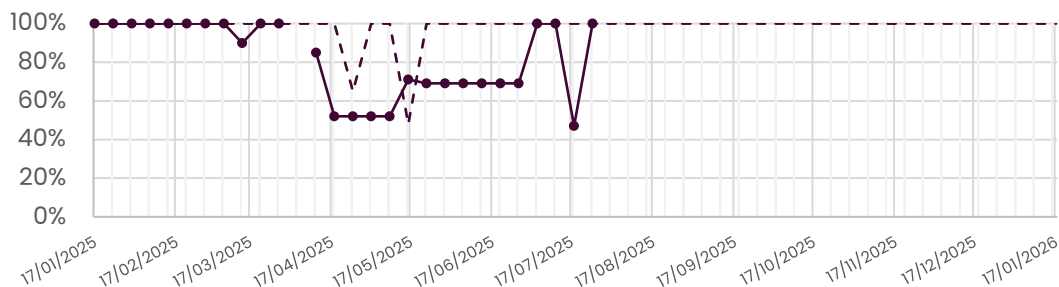
DRESHEX Transfer capacity

--- Forecast —●— Actual



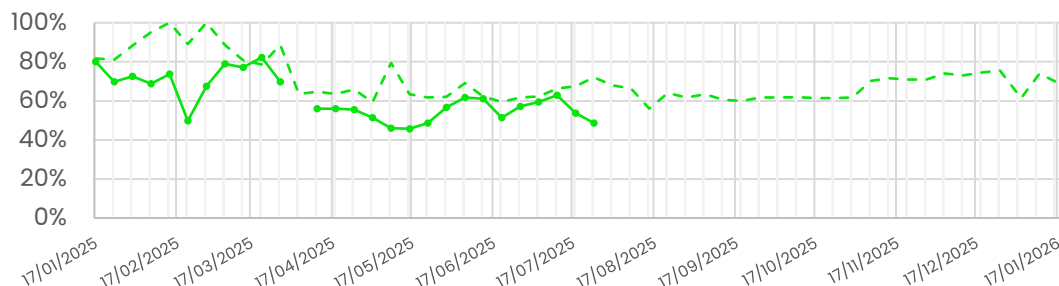
EC5 Transfer capacity

--- Forecast —●— Actual



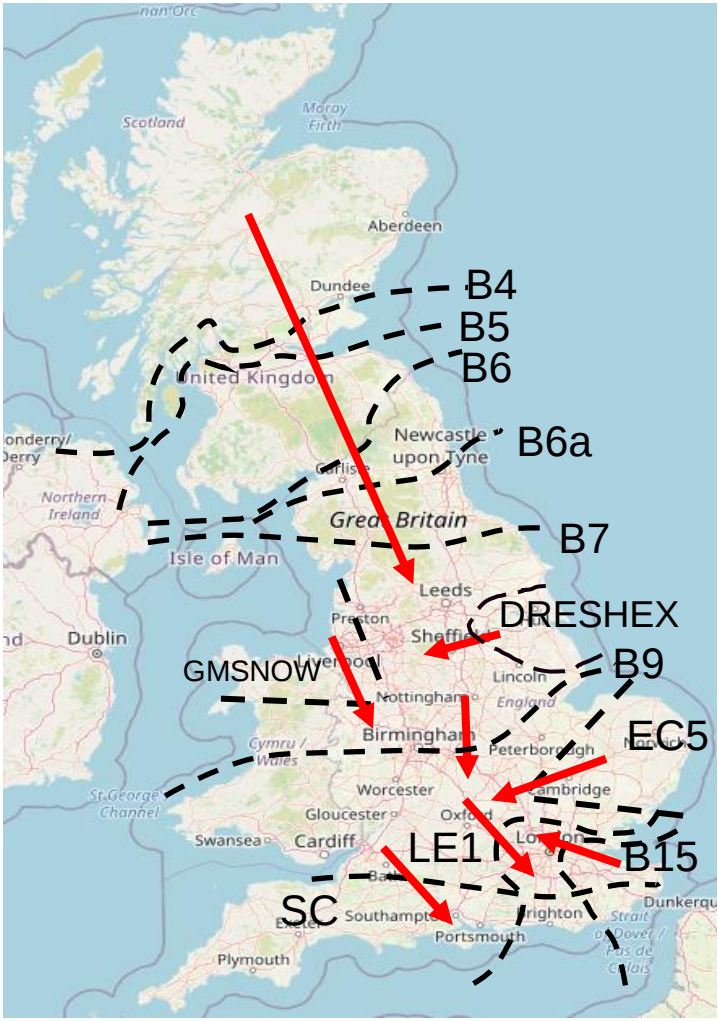
LE1 Transfer capacity

--- Forecast —●— Actual

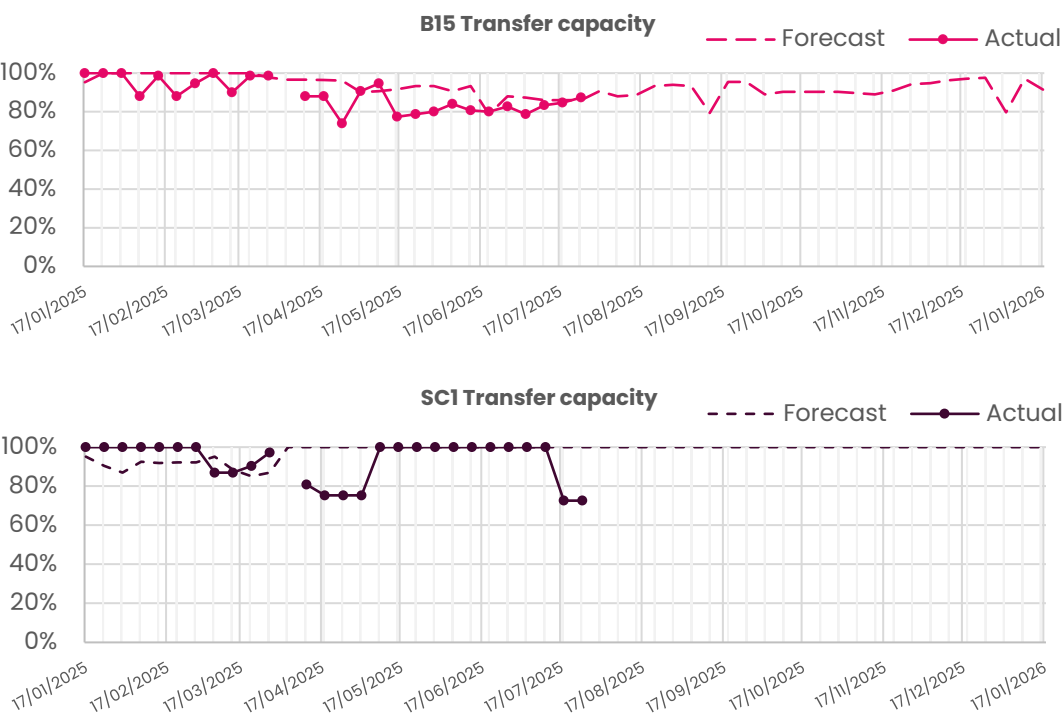


Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	45%
B6 (SCOTEX)	6800	54%
B6a	8000	43%
B7 (SSHARN)	9850	68%
GMSNOW	5800	34%
FLOWSTH (B9)	12700	64%
DRESHEX	9675	57%
EC5	5000	100%
LE1 (SEIMP)	8750	49%
B15 (ESTEX)	7500	87%
SC1	7300	73%

Slido code #OTF

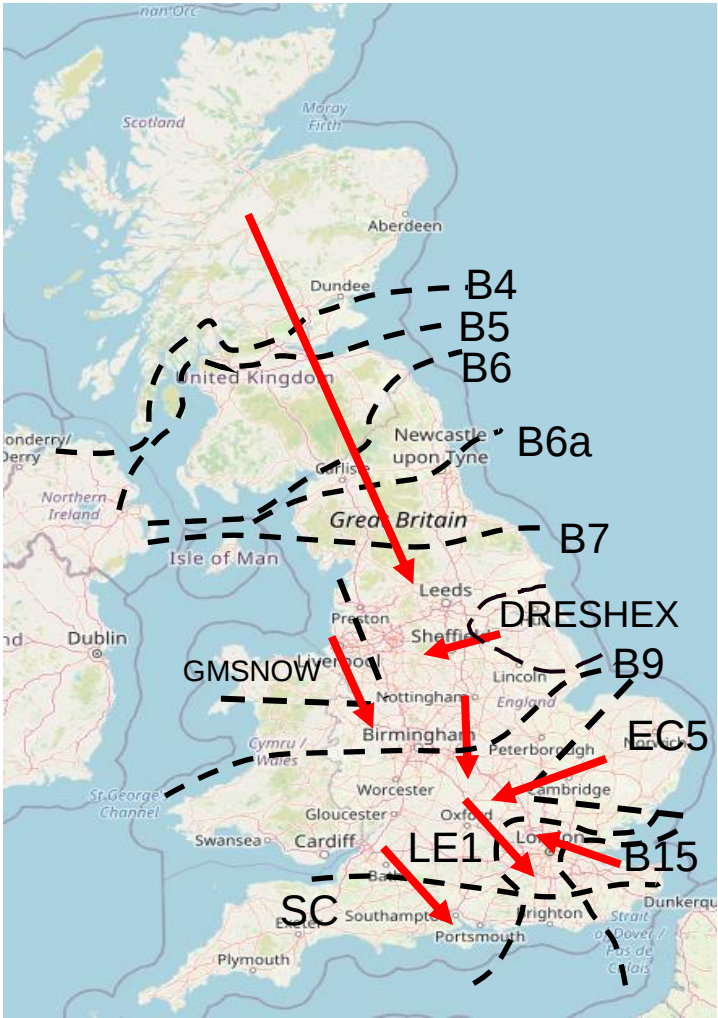


Transparency | Network Congestion



Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	45%
B6 (SCOTEX)	6800	54%
B6a	8000	43%
B7 (SSHARN)	9850	68%
GMSNOW	5800	34%
FLOWSTH (B9)	12700	64%
DRESHEX	9675	57%
EC5	5000	100%
LE1 (SEIMP)	8750	49%
B15 (ESTEX)	7500	87%
SC1	7300	73%

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)

Skip Rates by Technology Type – Bids

Slido code #OTF

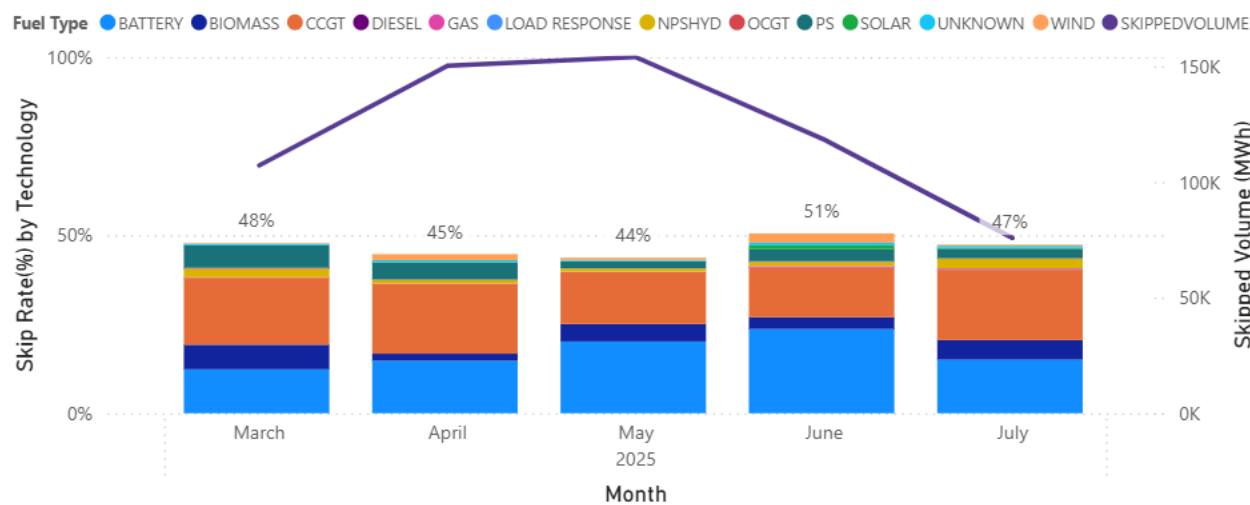
We have added skip rate by technology type to our 4-week rolling summary. We welcome your comments on if you find this valuable and feedback on how we present this data.

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

Weekly Average w/e	Bids – All BM	Bids – PSA
29/06	6%	53%
06/07	9%	45%
13/07	14%	58%
20/07	13%	47%

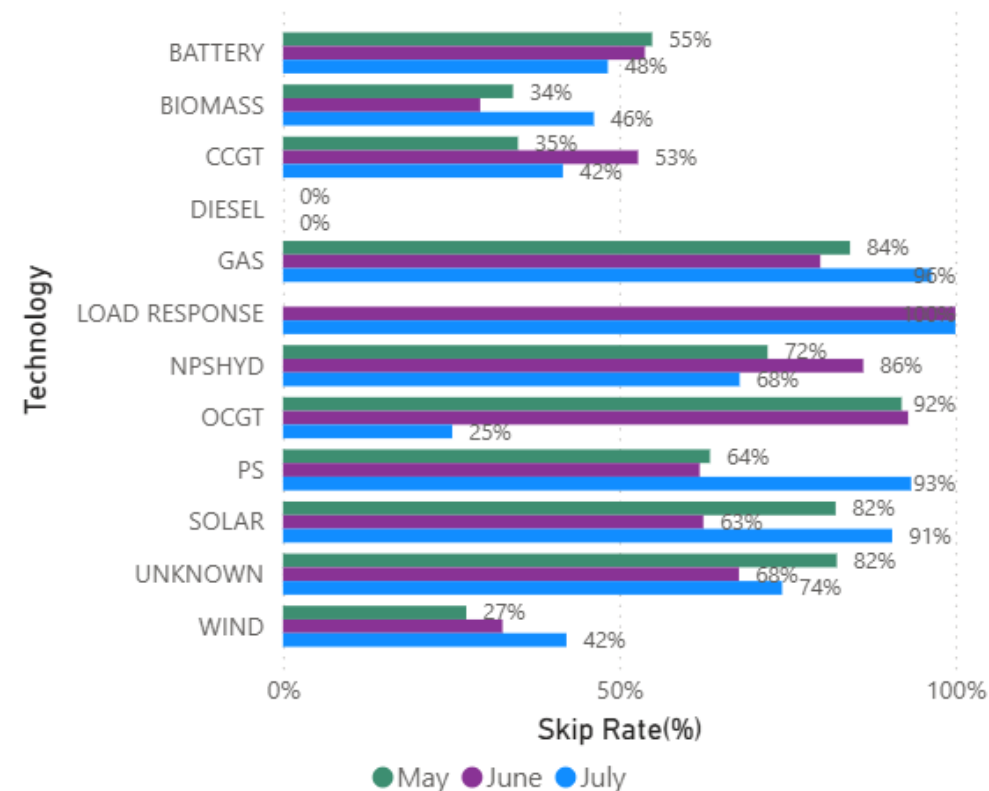
Relative Technology Skip Rate

Relative Technology Skip Rate



Technology Specific Skip Rate – last 3 months

Technology Specific Skip Rate - Last Three 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.

Skip Rates by Technology Type – Offers

Slido code #OTF

We have added skip rate by technology type to our 4-week rolling summary. We welcome your comments on if you find this valuable and feedback on how we present this data.

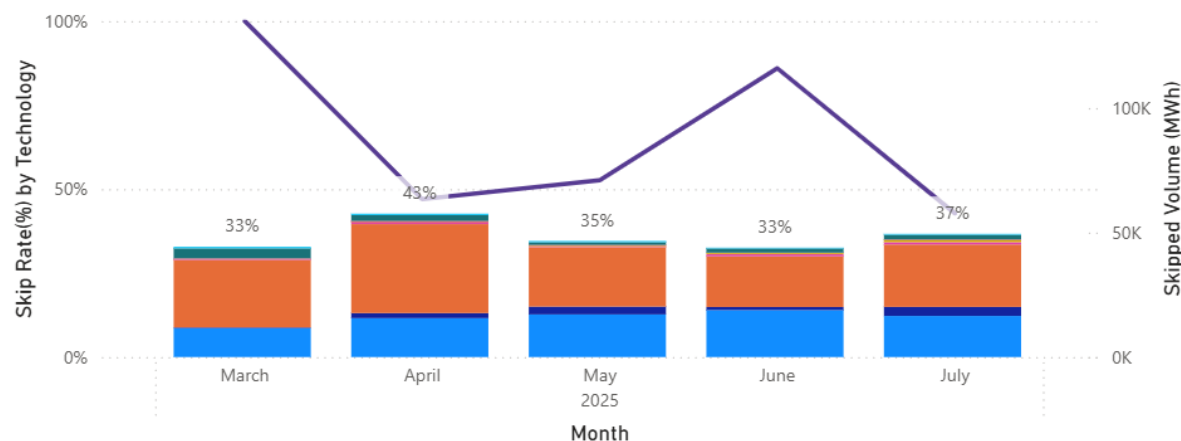
These graphs are based on stage 5 of the PSA definition.

Weekly Average w/e	Offers – All BM	Offers – PSA
29/06	10%	33%
06/07	12%	37%
13/07	19%	38%
20/07	16%	35%

Relative Technology Skip Rate

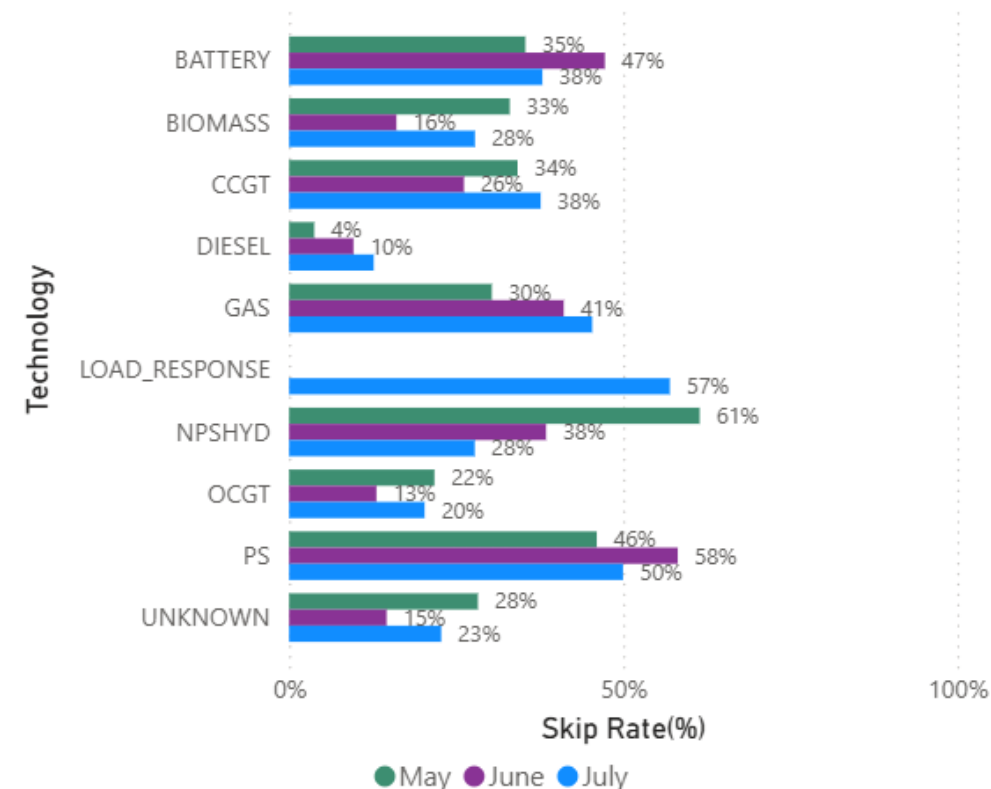
Relative Technology Skip Rate

Fuel Type: BATTERY, BIOMASS, CCGT, DIESEL, GAS, LOAD_RESPONSE, NPSHYD, OCGT, PS, SOLAR, UNKNOWN, SKIPPEDVOLUME



Technology Specific Skip Rate – last 3 months

Technology Specific Skip Rate - Last Three 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.

Previously Asked Questions

Slido code #OTF

Q: (17/06/2025) The SIZE B and VKL trips last week looked fairly unremarkable (given their magnitude) from a frequency perspective but still worthy of review. Can NESO share some thoughts on how the system and providers fared during these events?

A: No, we would not normally carry out a detailed assessment of events on the system that did not introduce specific impacts outside of normal operating conditions.

Q: (05/06/2025) This morning, 4th June, SVRP-10 was offered on for energy at £200/MWh. This is significantly above GW's of more flexible generation. Has there been an issue with flagging here? And what is being done to prevent this in the future?

A: This unit was taken in error due to a last-minute change in pricing during a particularly busy period. The error was rectified as soon as possible.

Q: (09/07/2025) Has there been any assessment of the financial impact of the EDT, EDL outage on market participants and consumers?

A: For clarity this was a disruption to communications between market participants and the EDL and EDT systems rather than an outage of those systems. That said, NESO does not carry out assessments of the type suggested.

Previously Asked Questions

Slido code #OTF

Q: (09/07/2025) What is the capacity currently using the WA API given "The Company will adopt an absolute maximum limit of 3600MW, for the total portfolio of BMUs using the WA API."

<https://www.neso.energy/document/303756/download>

A: The current portfolio of Balancing Mechanism Units (BMU) using the Wider Access API totals a capacity of just under 350MW, that is less than 10% of the current maximum limit.

Note:

The "absolute maximum limit" quoted is from the NESO Communications Standards which states in full:

"The Company will adopt an absolute maximum limit of 3600MW, for the total portfolio of BMUs using the WA API. This limit will remain under constant review by The Company and will be subject to the perceived IoT resilience and The Company's communication infrastructure"

More information about the Wider Access Application Programming interface (WA API) can be found in the NESO Communications Standards (link in question above) and in the NESO Overview of WA API

Previously Asked Questions

Slido code #OTF

Q: (16/07/2025) Re the previously asked question on EDT data submission: What is the definition of a "major EDT outage" when the "Electronic Data Transfer (EDT) Exceptions Scenarios process" would apply, and where is this definition documented?

A: The Electronic Data Transfer (EDT) Exceptions Scenarios process (8th April 2025 – version 1) is proposed to set out an alternative method which will enable a BSC party or Trading Agent to submit EDT data in the scenario that their EDT systems are unavailable.

And specifies

“Scenarios where this process may be utilised.

This process is to be enacted under certain conditions as listed below.

- If a system warning is active and NESO sees the need to activate this process.
- Prolonged Trading Agent EDT unavailability (e.g., due to Cyber event, loss of data centre).
- Trading Agent EDT Data has become corrupt and/or unreliable due to a critical unplanned outage.

This process is not to be used due to a short term or planned EDT outage.”

Please note: this document has been temporarily withdrawn from the NESO website for review due to feedback that some wording may be unclear. We are expecting this will be reinstated shortly.

Previously Asked Questions

Slido code #OTF

Q: (16/07/2025) Is there any external auditing of the skip being applied by NESO?

A: Currently there is no external audit of the skip rates, although we are considering it being included within the BM audit. The methodology we are using is based on that developed by LCP Delta and uses, where possible, publicly available data. Our published datasets enable the skip rate values to be calculated based on the in-merit and skipped unit volumes.

Q: (16/07/2025) Skip rates are still very high – is there a target skip rate and a defined plan for NESO to reduce them that you can share?

A: The roadmap that we shared in last week's deep dive shows our plan for reducing skips and we are planning to work closely with industry to produce a numerical target.

Advance Questions

Slido code #OTF

Q: (16/07/2025) Good morning. We are wondering if there is any available explanation for the almost 5.5GW calls of volumes from the continent to the UK on June the 30th on the evening peak, as there have been such volumes called for a long time and there were not any similar afterwards either.

A: NESO's Trading team works with the Control Room to identify opportunities or required trades. On the 30th of June NESO needed significant volume largely for system reasons due to several active constraints. The loss of some units within the system also added to the need to trade, therefore, to secure the constraints and to manage system security in the southeast of England, buy trades were carried out on interconnectors.

Advance Questions

Slido code #OTF

Q: (16/07/2025) What's happened to the MBSS reports and accompanying spreadsheets? It seems to have been replaced by a Power BI thing that doesn't provide the same level of data granularity. Can you please publish the information in the old report and spreadsheet fashion.

A: The MBSS report has indeed been transitioned to a Power BI dashboard to enhance functionality and user experience. The new platform allows for significantly greater data quality & accuracy, as well as flexibility, particularly in adjusting the dynamic date ranges, while maintaining the same level of data granularity as the previous reports.

We have streamlined the dashboard by removing some duplicated items that appeared on multiple tabs. We assure you that you should still be able to find all the necessary information within the new dashboard.

We understand that some users may have been impacted with established processes based on the old format and may find it challenging. To address these concerns, we are actively working on adding features, such as the ability to export data into a CSV file format, which we hope will enhance data granularity, usability, and meet users' needs.

Advance Questions

Slido code #OTF

Q: (08/07/2025) "Question regarding DFS and DISBSAD data : On NESO's data portal there is both ""DFS procured MW"" and ""settled volume"". In the SAA files, DISBSADs associated with the DFS service appear to use the procured volumes, which are then included in the NIV calculation.

Could you confirm whether DISBSADs, and consequently the NIV calculation, always use the ""procured"" volumes, and whether these are ever replaced by, for example, the ""settled volume"" in any later settlement run?"

A: ABSVD reporting for DFS is based on Delivered quantities, not Settled quantities.

Delivered quantities refer to the demand reduction achieved by the DFS Unit, compared to its baseline.

Settled quantities include the impact of penalties for under or over-delivery.

Outstanding Questions

Slido code #OTF

Q: (18/06/2025) What are the security of supply considerations related to constraint information? Are you saying gencos would deliberately act to destabilise the system if they could? Is there any evidence of any power plant ever having tried to do this?

Q: (09/07/2025) On Lisa's question about the challenges to get a BEGA, I fully feel the pain . However, after CMP446: 'Increasing the lower threshold in England and Wales for Evaluation of Transmission Impact Assessment (TIA)' modification to increase the threshold to 5MW, do we still need a BEGA for small assets?

A: This question has been forwarded to the Connections Reform team: box.connectionsreform@neso.energy
We will share their response at a future OTF.

Outstanding Advance Questions

Slido code #OTF

Q: (15/07/2025) We have been contacted by NESO wishing to make arrangements to gain the ability to disconnect one of our assets located in Scotland from the grid in the event of sub-synchronous oscillations (SSO). The communication states that NESO have seen oscillations of 3-20Hz in “this part of the Network”. As our project is not yet operational, then clearly these oscillations are not of our making.

In the Sub-synchronous oscillations in GB, Current state and plans for future management May 2024 document, NESO stated:

“In operational timescales, we ensure that sub-synchronous oscillations are avoided by conducting stability studies closer to real time and taking appropriate measures to mitigate the risk of sub-synchronous oscillations. The operational measures we may take include requesting the arming/disarming power system stabilisers, management of series compensation schemes, network reconfiguration, managing outages to maintain system strength, etc”

Given NESO’s request to gain the ability to disconnect our asset, it appears that these measures have not been sufficient to prevent sub-synchronous oscillations.

NESO also state “We follow a transparent and collaborative approach. Sharing lessons learned...” and “We will keep our customers and stakeholders informed of the progress of this plan, the future obstacles, and any other operational challenges encountered in the future”

Therefore:

1. Can NESO update the May 2024 report “Sub-synchronous oscillations in GB, Current state and plans for future management”
2. Has NESO encountered any SSO since Summer 2023? If so, where are details published?
3. The investigation into Summer 2023 “concluded that a particular asset was the major contributor to the sub-synchronous oscillations event”. Has this asset’s operation now been corrected so it is no longer a contributor?
4. Does NESO have any SSOs with unidentified sources?
5. Does this process affect the detail of RMS and EMT models which are required to be submitted?

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

slido



Audience Q&A

① 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

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.

Skip Rates – ‘In Merit’ datasets

Slido code #OTF

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

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

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

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

In Merit Volume

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

Accepted Volume

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

Skipped Volume

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

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