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- Click 'Turn on live captions'

NESO Operational Transparency Forum

16 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

Introduction to Skip Rates

Future

Balancing Costs: June costs – 23 July

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

Balancing Mechanism Registration Update

Sort Upload dates for remainder of 2025 (unchanged) and 2026

BM Systems Upload Dates (SORT Upload)

Slido code #OTF

Remainder of 2025 (published previously and unchanged)

Month	Cutoff date	Implementation	Back-up date
September	03/09/2025	24/09/2025	01/10/2025
November	05/11/2025	26/11/2025	03/12/2025

2026

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

Cut-off date moved to Tuesday to allow NESO to process additional units for SORT

REMA Decision

- The government published its announcement on 10 July 2025 that it will maintain a single national wholesale price and not implementing zonal pricing.
- We welcome the clarity that this brings to industry and investors.
- The Government, Ofgem, NESO and industry must now come together to deliver the best possible outcomes for consumers.
- We will be working with DESNZ and Ofgem to finalise the package of reforms, all of which will need full impact assessments.
- Government has committed to publish a Reformed National Pricing Delivery Plan later this year.
- We will support the creation of this Delivery Plan including developing a consultation on proposed balancing reforms to be published alongside it.

We are working on the detail of this plan and we will come back to industry with more information in due course.

Please note, NESO is not able to resolve issues with the data content or function of the ELEXON website at: bmrs.elexon.co.uk You need to contact Elexon directly. There is a “contact us” link at the bottom of the Elexon screen

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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: Gas Planning	22 nd July (10:00)	Register here
CSNP Draft Methodology consultation – Webinar Series: Electricity Planning	22 nd July (14:00)	Register here
CSNP Draft Methodology consultation – Webinar Series: Broadening Participation	23 rd July (10:00)	Register here
CSNP Draft Methodology consultation – Webinar Series: Appraising Network Options	23 rd July (14:00)	Register here
CSNP Draft Methodology consultation – Webinar Series: Offshore Coordination	24 th July (10:00)	Register here
CSNP Draft Methodology consultation – Webinar Series: Hydrogen Planning	24 th July (14:00)	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

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

Public

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Introduction to Skip Rates

16 July 2025

What is a skip?

Skips occur when non-economic dispatch decisions are made in the ENCC control room. This means that a dispatch instruction has been issued, via the BOA (Bid Offer Acceptance) process, to a unit which has a less attractive price than an alternative action. This alternative action is considered to have been skipped.

The “**Skip rate**” refers to the proportion of energy volume that is skipped within a given time period.

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Scope

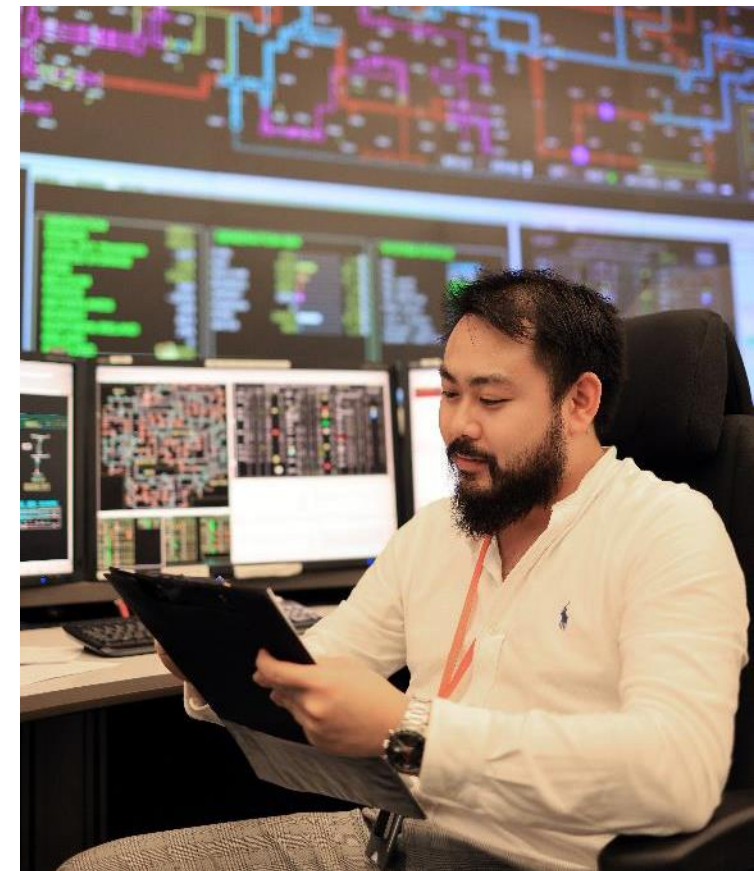
The skip rate methodology is focussed on BM energy actions taken in close to real time (<30 mins) as these are the units accessible to ENCC engineers.

Non-BM actions are currently out of scope, including:

- Interconnectors & other BSAD actions (Balancing Services Adjustment Data)
- Ancillary services

We are investigating skips behind constraints, but these are not currently considered.

We are also conducting a wider dispatch process review which may result in more changes to the methodology.



2024 Recap: What we delivered

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Battery Dispatch

- Release of Balancing Platform dispatch algorithm / dispatch efficiency constraint methodology
- Additional battery dispatch engineers provided to the Control Room
- Workflow automation for the OBP (Open Balancing Platform)
- Implementation of VERGIL control room improvements to address constraint despatch
- Quick reserve penalties implemented
- Ofgem collaboration document exploring exclusion rationale and roadmap to improvement



LCP Methodology

- Industry Webinar held
- Full report published – LCP Delta definition and methodology



New Transparency Tools

- All BM Skip rate and Post System Actions skip rate monitor live in the ENCC (Electricity National Control Centre)



Customer Engagement

- CEO Roundtable
- Customer visits to Control Room and NESO visits to Customer sites



Battery Storage Forum

- First Battery Storage forum hosted with the industry



External Dataset Release

- 3 datasets published

Significant change is planned for this year

Improvement Key

- IT system changes
- Market change
- Dispatch efficiency measurement & transparency
- Forecasting improvements
- ✓ Complete

✓ OBP: constraint management

Improved situational awareness for dispatch of units behind constraints

✓ Transparency tool improvements

UI improvements live in control room

✓ Increased response holding

Managing frequency fluctuations

✓ Additional dispatch control engineers

Full time battery dispatch engineer providing 24/7 cover

Fourth dataset release

✓ Including unit exclusion reasons

Root Cause Analysis & improvements

Dispatch Strategic Review

GC1066 Approval

Ofgem approval of GC1066 code modification

OBP: constraint optimisation

Further improved dispatch efficiency for units behind a constraint

Slow Reserve Go Live

More sustained delivery in a post fault event

OBP: national optimisation

Improved dispatch advice and efficiency

Quick Reserve Phase 2 Go Live

Quicker energy imbalance restoration

Skip rate materiality

Kicking off skip rate materiality work

Continuous improvements

Ongoing skip rate monitoring and improvements

Skip Rate Methodology improvements

Addressing limitations in LCP Delta methodology

Forecasting improvements

Implemented in control room

2025

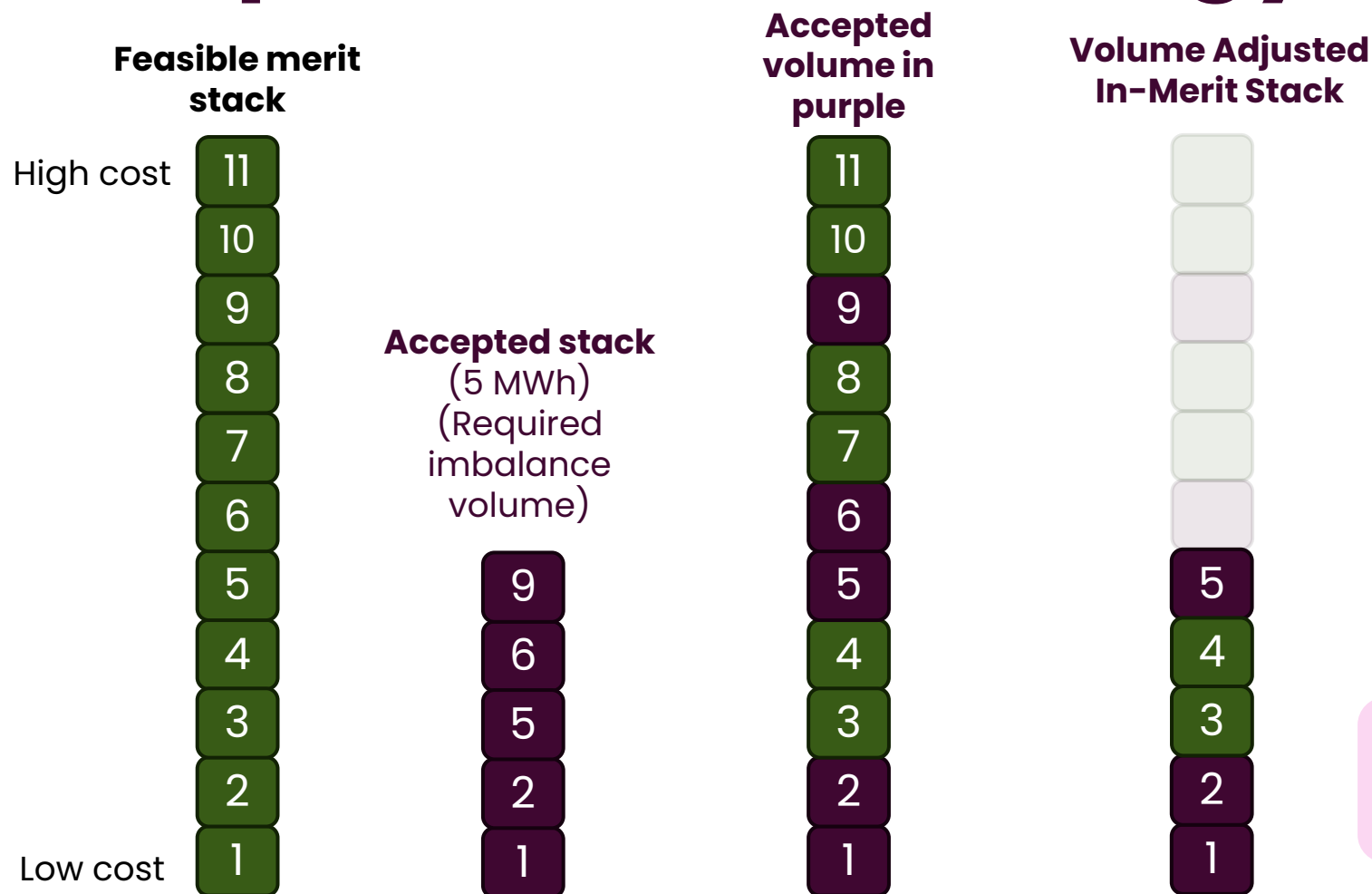
Jan – Mar

Apr – Sep

Oct – Dec

2026

Skip rate methodology



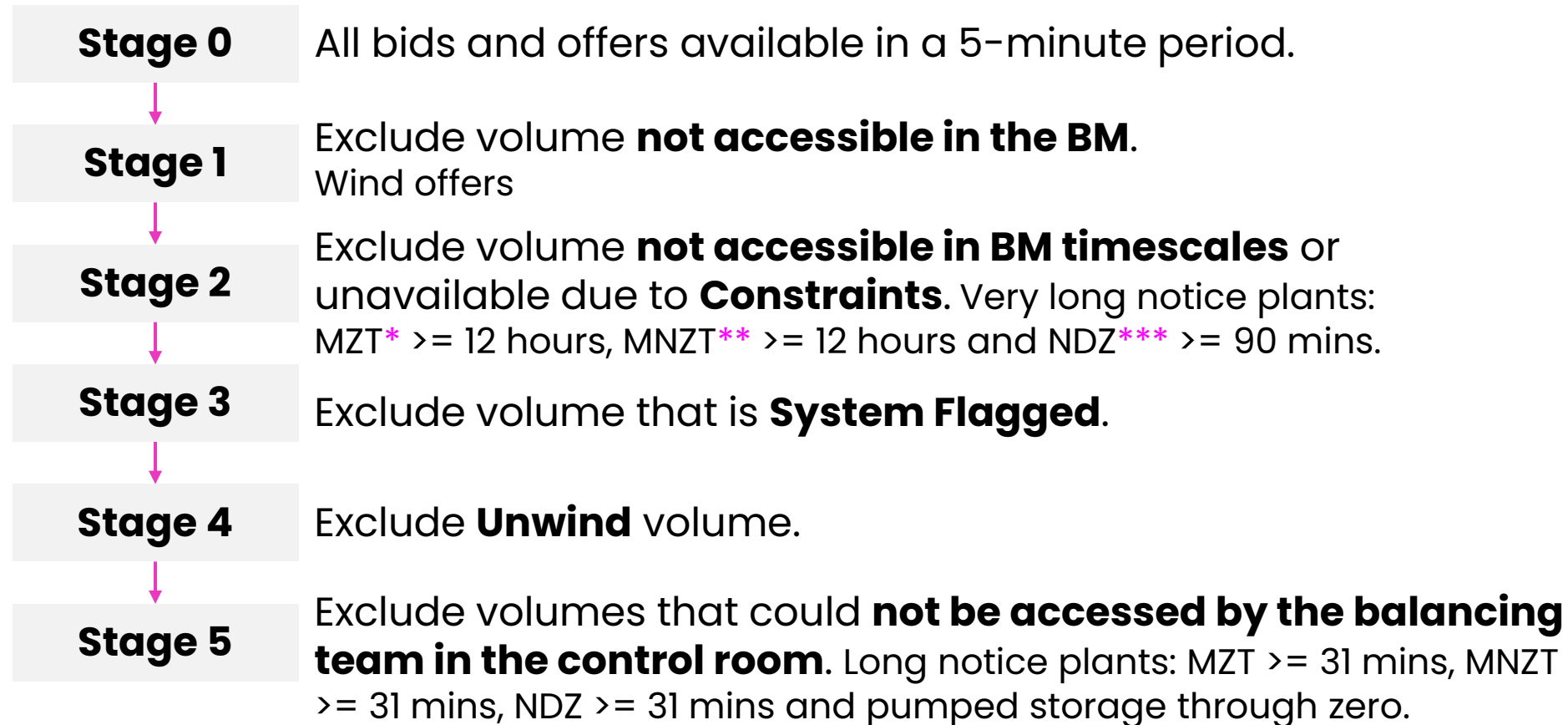
Calculated at **5-minute granularity** for bids & offers

$$\text{Skip rate} = \frac{2 \text{ MWh (green)}}{5 \text{ MWh (green + purple)}} = 40\%$$

*All blocks represent 1 MWh

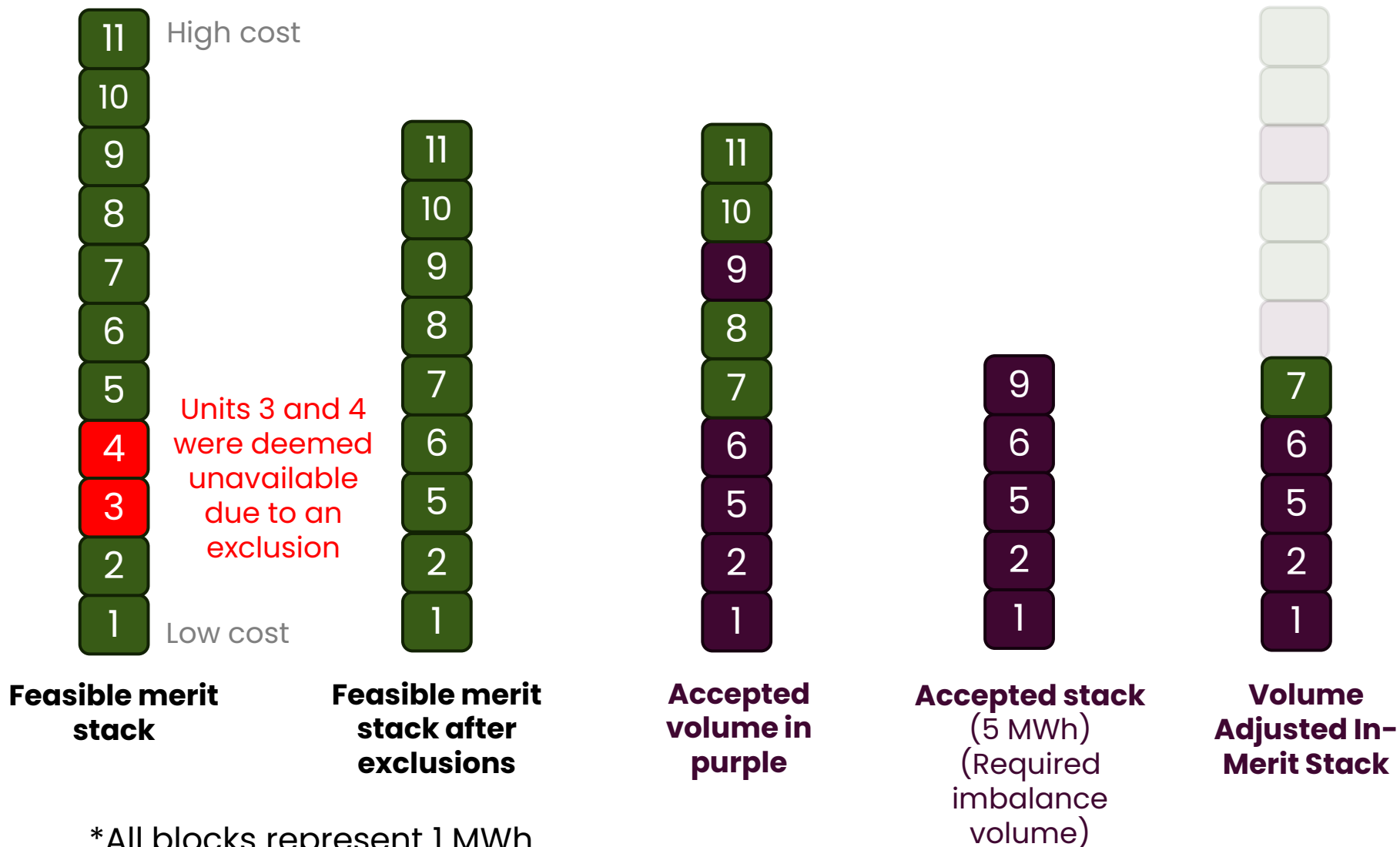
NESO exclusions

Exclusions are made because **not all units can be dispatched in real time.**



*MZT: Minimum Zero Time | **MNZT: Minimum Non-Zero Time | ***NDZ: Notice to Deviate from Zero

Exclusions example



Calculated at **5-minute granularity** for bids & offers

$$\text{Skip rate} = \frac{1}{5} = 20\%$$

Limitations of LCP methodology

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**Run-up/down Rates:**

Feasible volumes are not constrained by run-up and run-down rates.

**State of Charge:**

Each 5-minute period is assumed to be independent and the state of charge of storage assets is not tracked.

Tracking state of charge would introduce additional complexity to the analysis (would need to decide in which periods it is optimal to dispatch these assets) and in turn introduce additional assumptions around cycling limits, round-trip efficiency and state of health.

Each 5-minute period is assessed independently of any preceding and successive period. This will limit the exposure of efficiencies that the ENCC could have accessed by dispatching assets across multiple 5-minute periods.

**Data Availability:**

Dispatch Transparency data is incomplete, this data is used to retrieve which units were utilised for Frequency Response.

**Thermal Constraints:**

Accounting for thermal constraints (beyond the exclusion of system tagged actions) would introduce additional complexity to the calculation of the skip rate metric making it less transparent and difficult to reproduce.

It would entail the calculation of locational merit stacks to ensure actions taken behind thermal constraints were efficient.

**Ancillary Services:**

Assets held back by ESO in readiness to provide other ancillary services (Reserve, Response) are not excluded.

**Pumped Storage:**

Data is not available to show when pumped storage units are in 'Spin Pump' or 'Spin Gen' modes which would impact the feasibility of providing balancing actions.

Please watch the recording from 1 May for more information about the changes

Skip rate definitions

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All-Balancing Mechanism (BM) Skip Rate

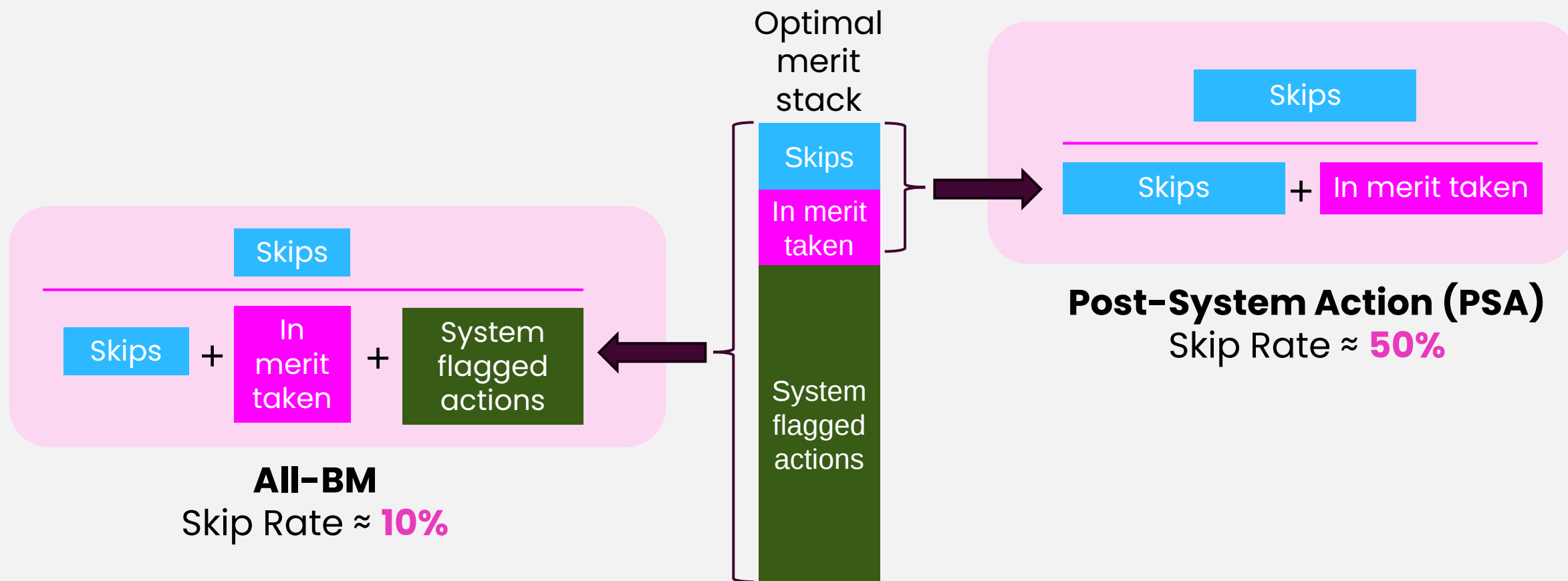
A measure of skips as a proportion of all system and energy actions

Post-System Actions (PSA) Skip Rate

A measure of skips as a proportion of all energy actions



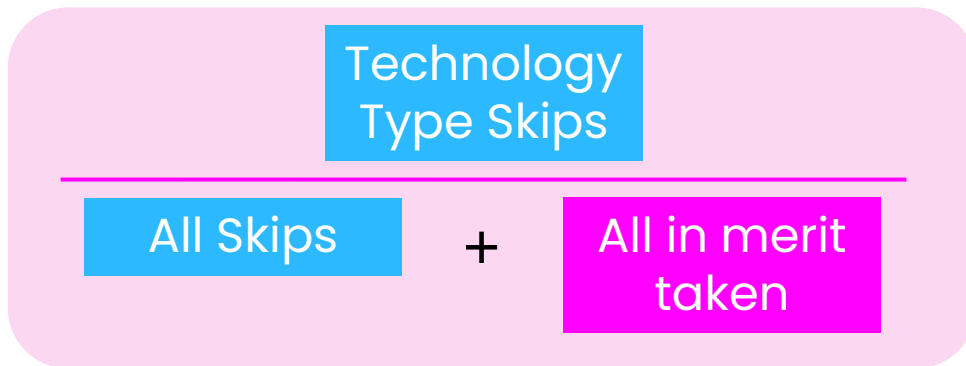
Skip rate definitions



Technology type definitions

Relative Technology Skip Rate

Skipped volume by technology type as a percentage of all in-merit

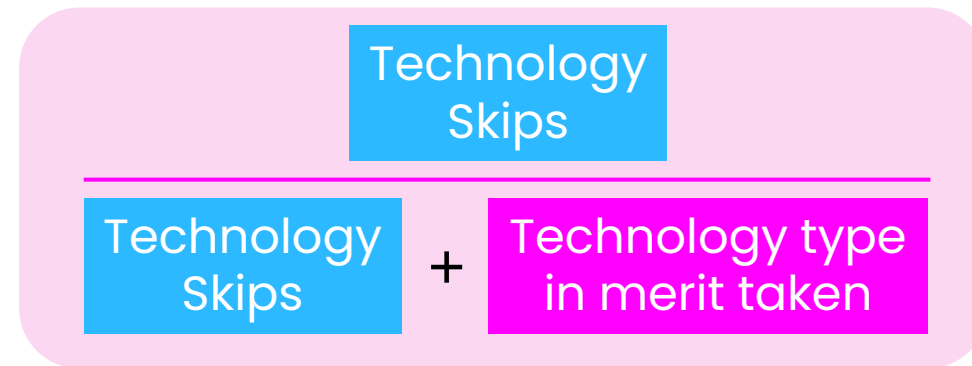


Technology type skip rates add up to total skip rate

Considers amount of technology within the skipped volume

Technology Specific Skip Rate

Skipped volume by technology as a percentage of in-merit by technology type



Each technology type skip rate is independent

No consideration of total volume of energy

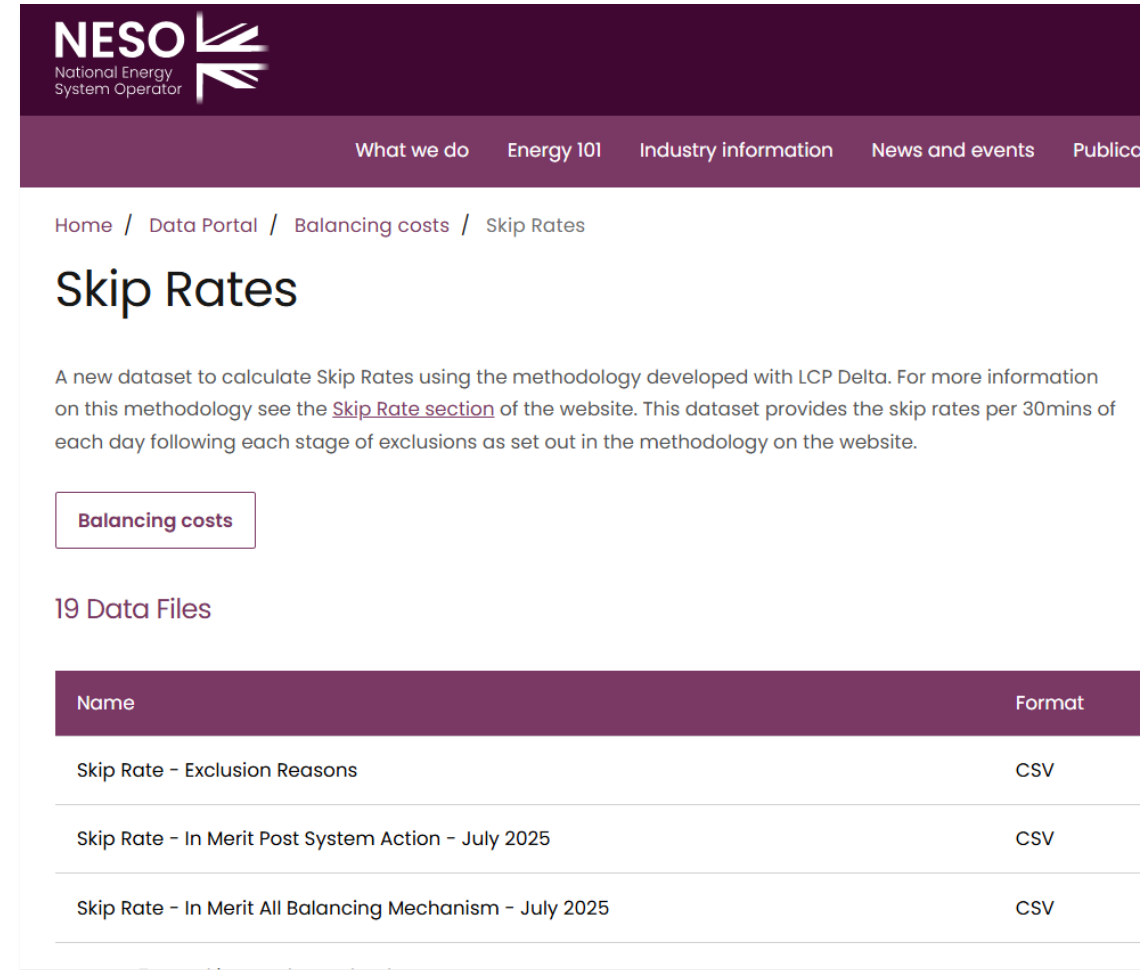
Published datasets

We publish 5 datasets on the data portal [here](#) at Day + 1.

Note: the 'In Merit' datasets are provided as separate monthly files due to size.

Please watch the [webinar recording](#) from 27 February for more information about how these datasets are structured and how to interpret them

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The screenshot shows the NESO National Energy System Operator website. The header includes the NESO logo and navigation links: What we do, Energy 101, Industry information, News and events, and Public data. The breadcrumb trail is Home / Data Portal / Balancing costs / Skip Rates. The main heading is 'Skip Rates'. Below it, a paragraph explains that this is a new dataset for calculating skip rates using LCP Delta methodology, providing rates per 30 minutes. A button labeled 'Balancing costs' is visible. Below the button, it says '19 Data Files'. A table lists three datasets with their names and formats (all CSV).

Name	Format
Skip Rate - Exclusion Reasons	CSV
Skip Rate - In Merit Post System Action - July 2025	CSV
Skip Rate - In Merit All Balancing Mechanism - July 2025	CSV

Interactive dashboard

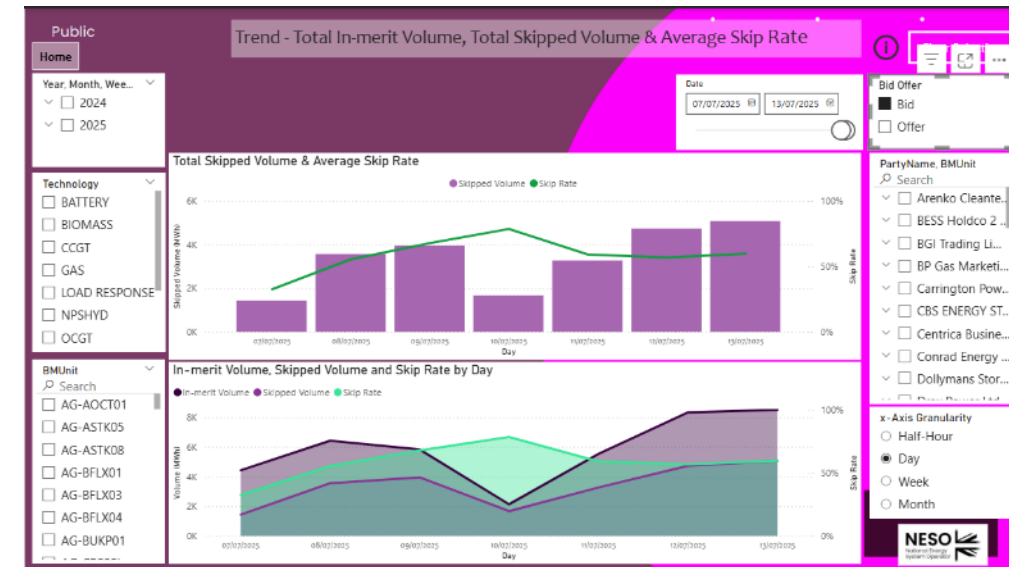
Slido code #OTF

Following feedback at the Forum on 1 May, we will be adding an interactive dashboard to the Data Portal to increase accessibility of the data.

This will include filters to allow the data to be visualised:

- Per month/week/day/Settlement Period
- By technology type
- For individual BMUs
- For specific providers

Please get in touch if there is anything specific you would like to be included.
Contact us at box.SkipRates@neso.energy



Past and future engagement

[LCP webinar](#) (7 Nov 2024) – methodology

[Battery & Skip Rates Webinar](#) (27 Feb 2025) – including methodology and data interpretation

[Skip Rate Forum](#) (1 May 2025) – main session with programme updates plus breakout sessions on:

- [Data changes](#)
- [Methodology changes](#)
- [Materiality](#)

Future events – will be advertised through OTF

Please contact us: box.SkipRates@neso.energy



Skip Rates by Technology Type – Bids

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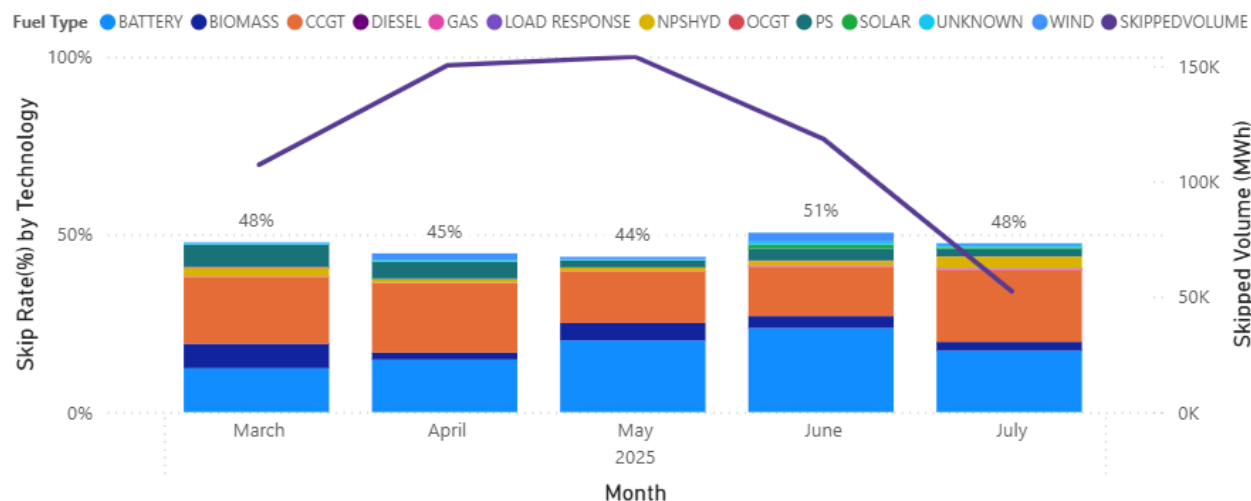
We have added skip rate by technology type to our 4-week rolling summary. We welcome your comments on if you find this valuable and feedback on how we present this data.

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

Weekly Average w/e	Bids – All BM	Bids – PSA
22/06	9%	50%
29/06	6%	53%
06/07	9%	45%
13/07	14%	58%

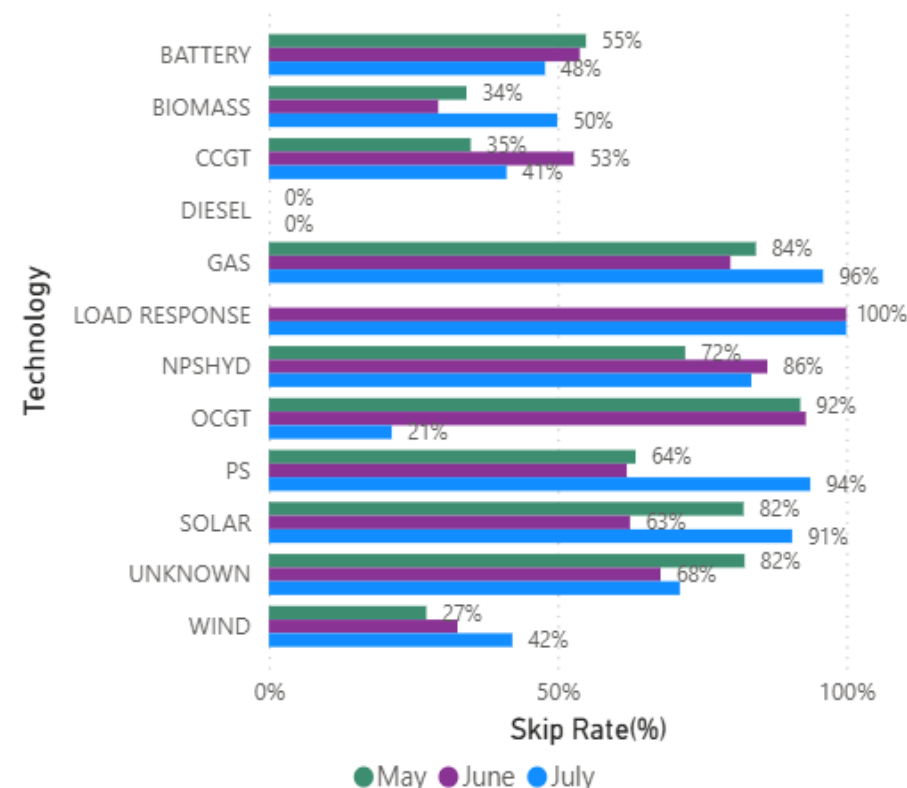
Relative Technology Skip Rate

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.

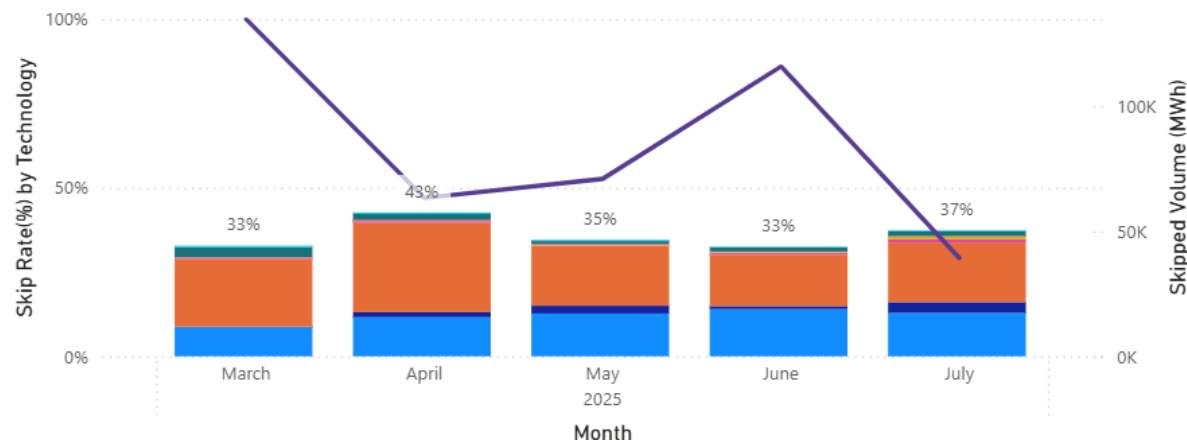
These graphs are based on stage 5 of the PSA definition.

Weekly Average w/e	Offers – All BM	Offers – PSA
22/06	11%	33%
29/06	10%	33%
06/07	12%	37%
13/07	19%	38%

Relative Technology Skip Rate

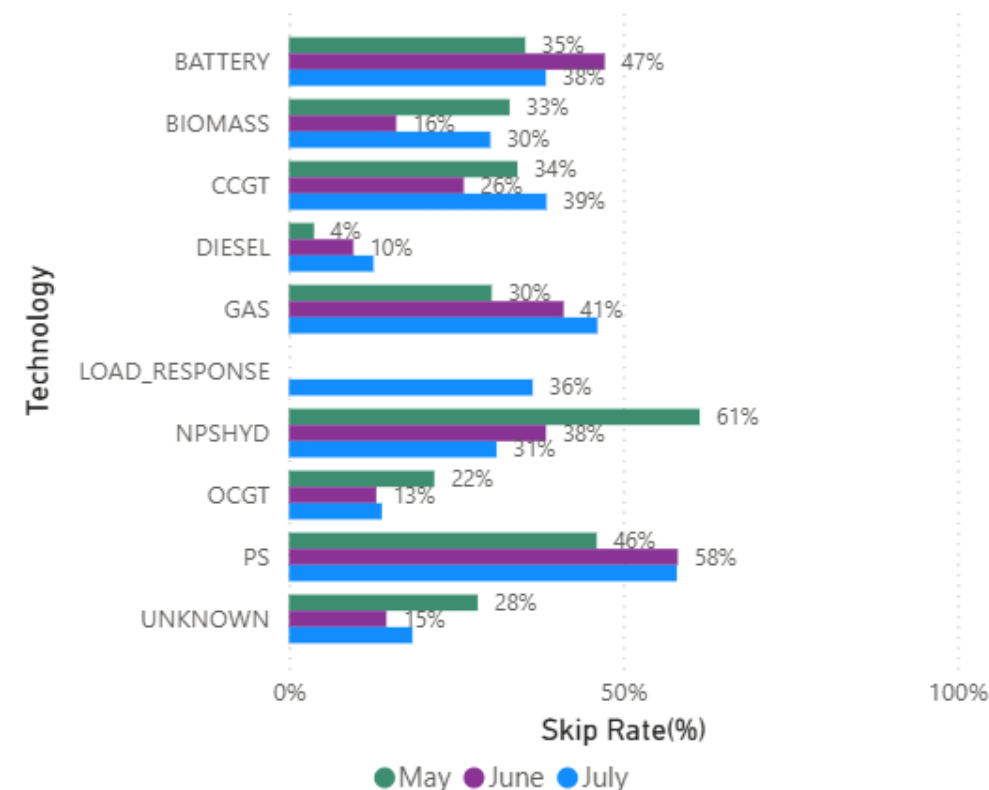
Relative Technology Skip Rate

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

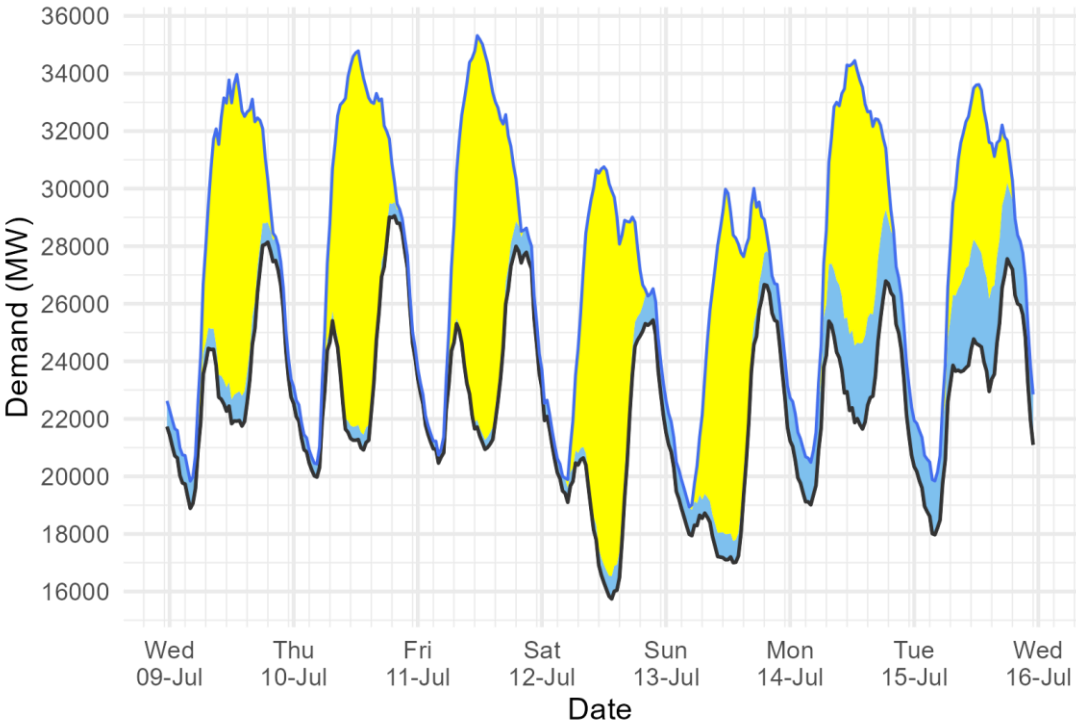
Skip rate data and more info on [skip rates](#) including methodology can be found on our website.



Demand | Last week demand out-turn

Slido code #OTF

NESO National Demand outturn 09-15 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

Distributed generation
Peak values by day

Date	OUTTURN	
	Daily Max Dist. PV (GW)	Daily Max Dist. Wind (GW)
09 Jul 2025	11.1	1.1
10 Jul 2025	13.0	0.6
11 Jul 2025	13.5	0.9
12 Jul 2025	13.9	1.2
13 Jul 2025	12.0	1.4
14 Jul 2025	9.9	3.0
15 Jul 2025	5.7	3.5

National Demand

Minimum Demands

Date	Forecasting Point	FORECAST (Wed 09 Jul)			OUTTURN		
		National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)	National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)
09 Jul 2025	Daytime Min	21.7	0.7	10.3	21.8	1.1	9.9
10 Jul 2025	Overnight Min	19.6	0.5	0.1	20.0	0.4	0.0
10 Jul 2025	Daytime Min	21.1	0.6	11.0	20.9	0.5	12.4
11 Jul 2025	Overnight Min	20.5	0.4	0.2	20.5	0.3	0.0
11 Jul 2025	Daytime Min	20.4	0.6	12.7	20.9	0.3	13.4
12 Jul 2025	Overnight Min	19.4	0.5	0.5	19.1	0.5	0.3
12 Jul 2025	Daytime Min	16.7	0.6	12.1	15.7	0.8	13.4
13 Jul 2025	Overnight Min	18.4	0.8	0.5	17.9	0.9	0.2
13 Jul 2025	Daytime Min	16.6	0.9	11.4	17.0	0.8	10.6
14 Jul 2025	Overnight Min	20.4	0.4	0.1	19.0	1.5	0.0
14 Jul 2025	Daytime Min	22.5	0.6	10.4	21.6	3.0	8.9
15 Jul 2025	Overnight Min	20.6	0.5	0.0	18.0	1.9	0.0
15 Jul 2025	Daytime Min	22.9	0.7	8.2	23.0	3.2	5.4

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

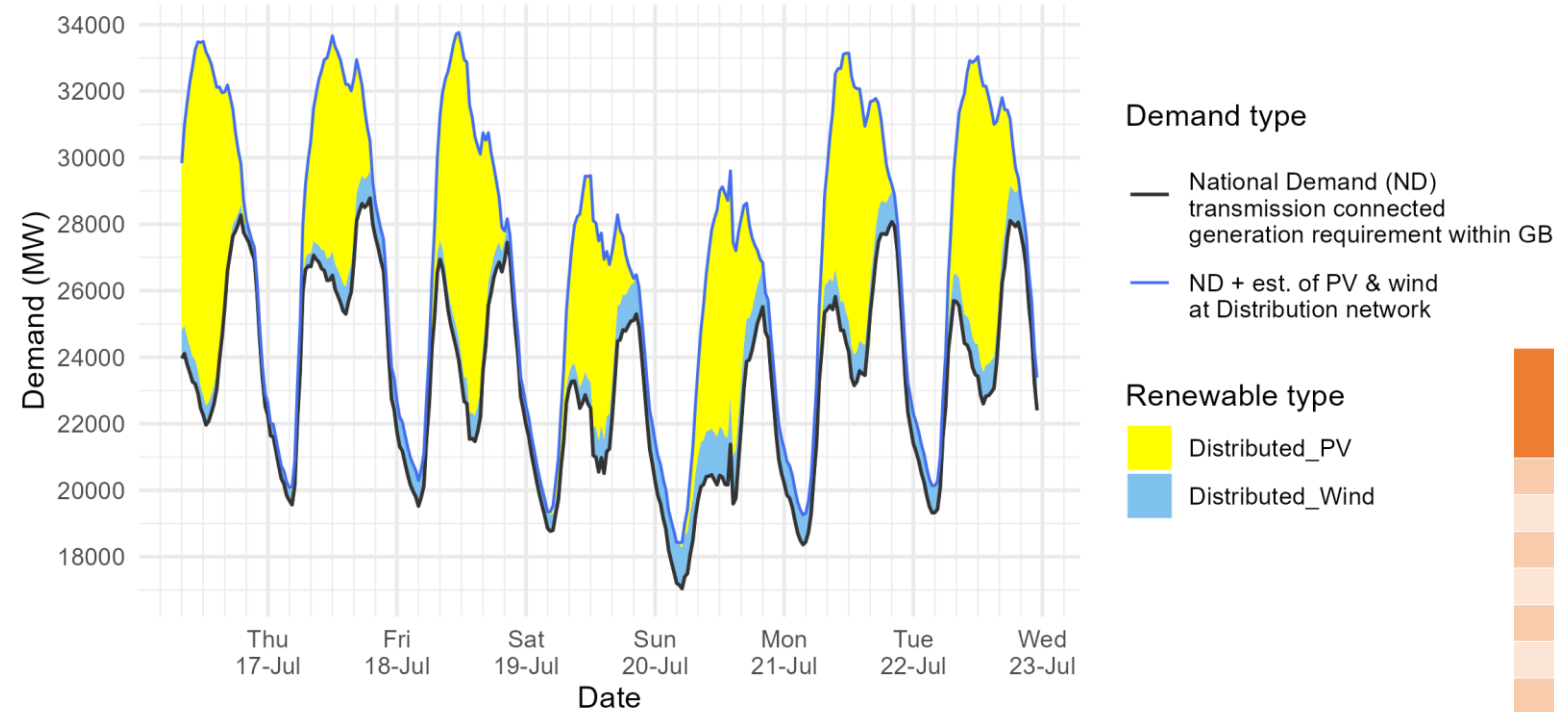
ND values do not include export on interconnectors or pumping or station load

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

NESO Demand forecast for 16-22 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.

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.

National Demand Minimum Demands

		FORECAST (Wed 16 Jul)		
Date	Forecasting Point	National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)
16 Jul 2025	Daytime Min	22.0	0.6	10.6
17 Jul 2025	Overnight Min	19.6	0.4	0.1
17 Jul 2025	Daytime Min	25.3	0.8	6.1
18 Jul 2025	Overnight Min	19.5	0.8	0.0
18 Jul 2025	Daytime Min	21.5	0.8	8.4
19 Jul 2025	Overnight Min	18.8	0.5	0.1
19 Jul 2025	Daytime Min	20.5	1.0	5.4
20 Jul 2025	Overnight Min	17.0	1.2	0.2
20 Jul 2025	Daytime Min	18.5	1.3	1.5
21 Jul 2025	Overnight Min	18.4	0.9	0.0
21 Jul 2025	Daytime Min	23.1	0.9	8.1
22 Jul 2025	Overnight Min	19.3	0.8	0.0
22 Jul 2025	Daytime Min	22.6	1.0	8.6

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

NESO Actions | Category Cost Breakdown

Slido code #OTF

Date

05/07/2025 11/07/2025

Weekly Total Costs (£)

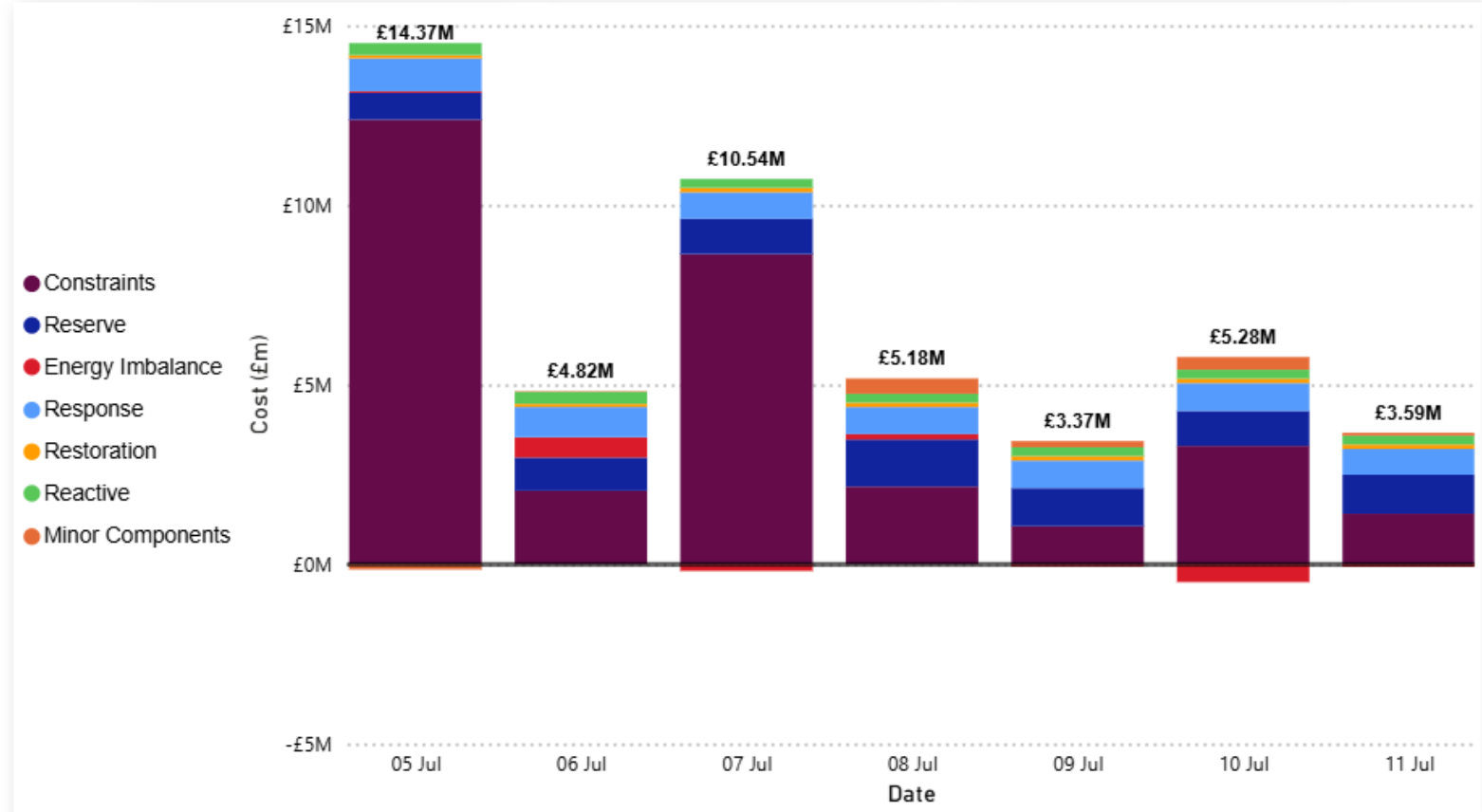
47.2M

Last Week Total Costs (£)

86.7M

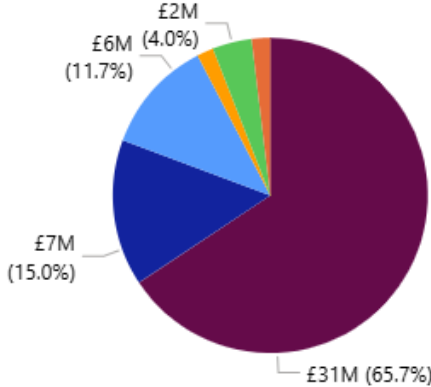
Past 30-Day Average Costs (£)

10.0M



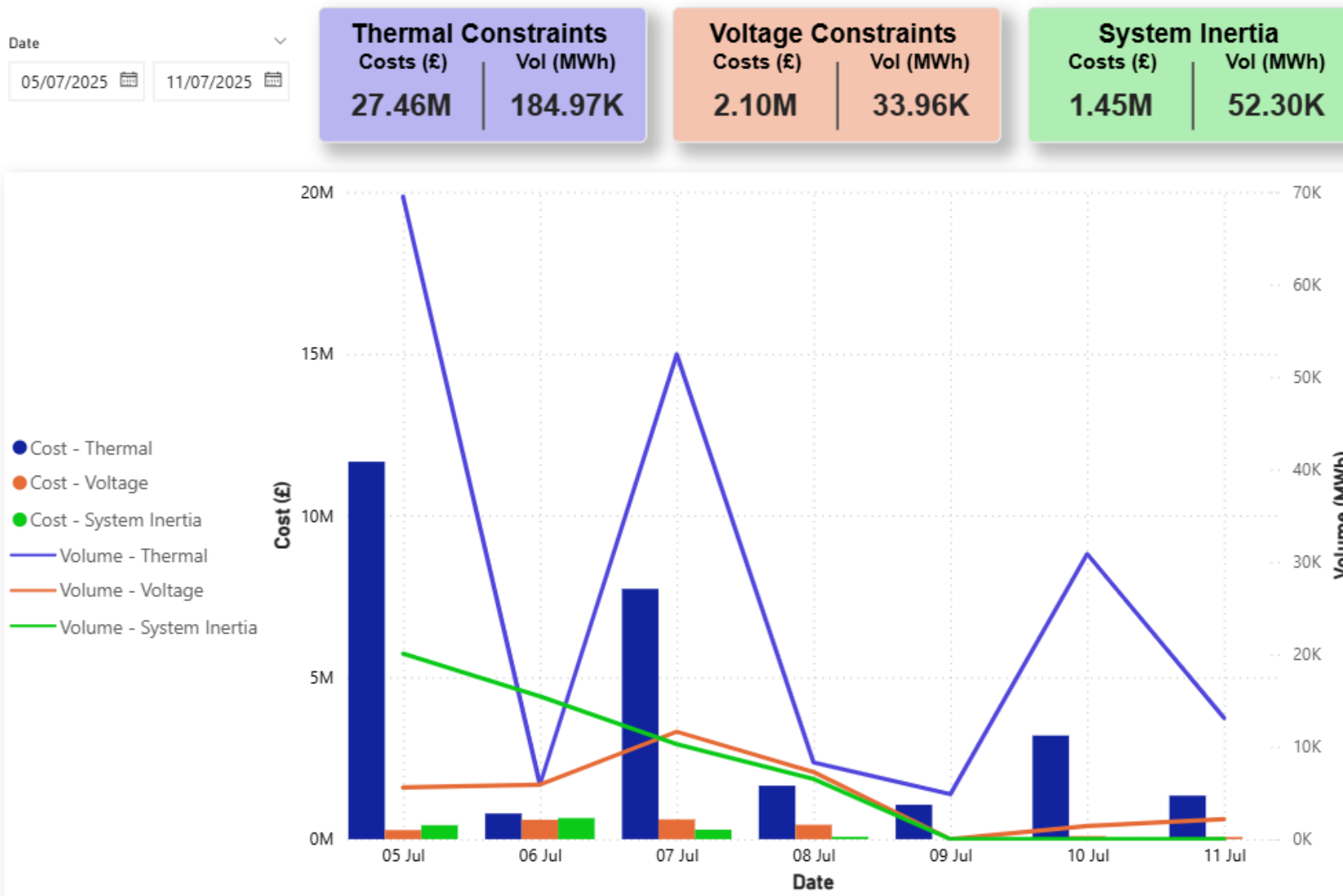
Date	Total Costs
05 July 2025	£14,372,091
06 July 2025	£4,823,407
07 July 2025	£10,541,638
08 July 2025	£5,175,671
09 July 2025	£3,367,640
10 July 2025	£5,279,511
11 July 2025	£3,594,912
Total	£47,154,869

Weekly Cost (£) and Share (%)

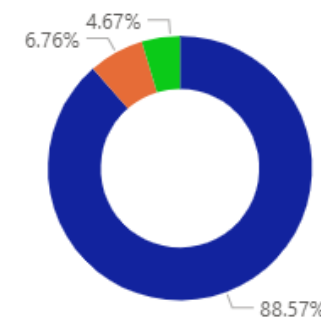


NESO Actions | Constraint Cost Breakdown

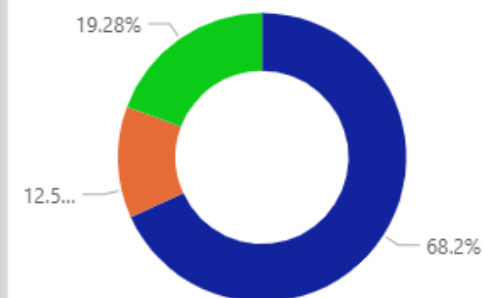
Slido code #OTF



Share of Cost (£)



Share of Volume (MWh)



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

NESO Actions | Peak Demand – SP spend ~£72k

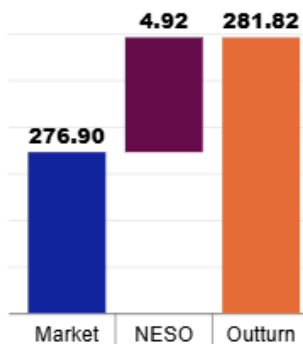
Thursday 10th July

Slido code #OTF

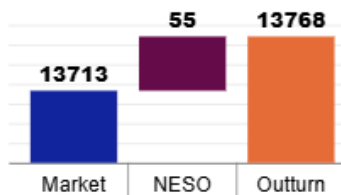
Date SP

Half-hour preceding
20:30

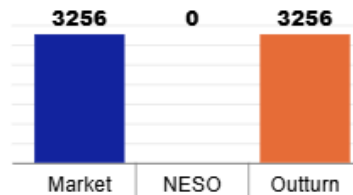
Carbon Intensity
(gCO₂/kWh)



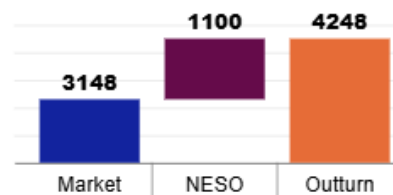
CCGT



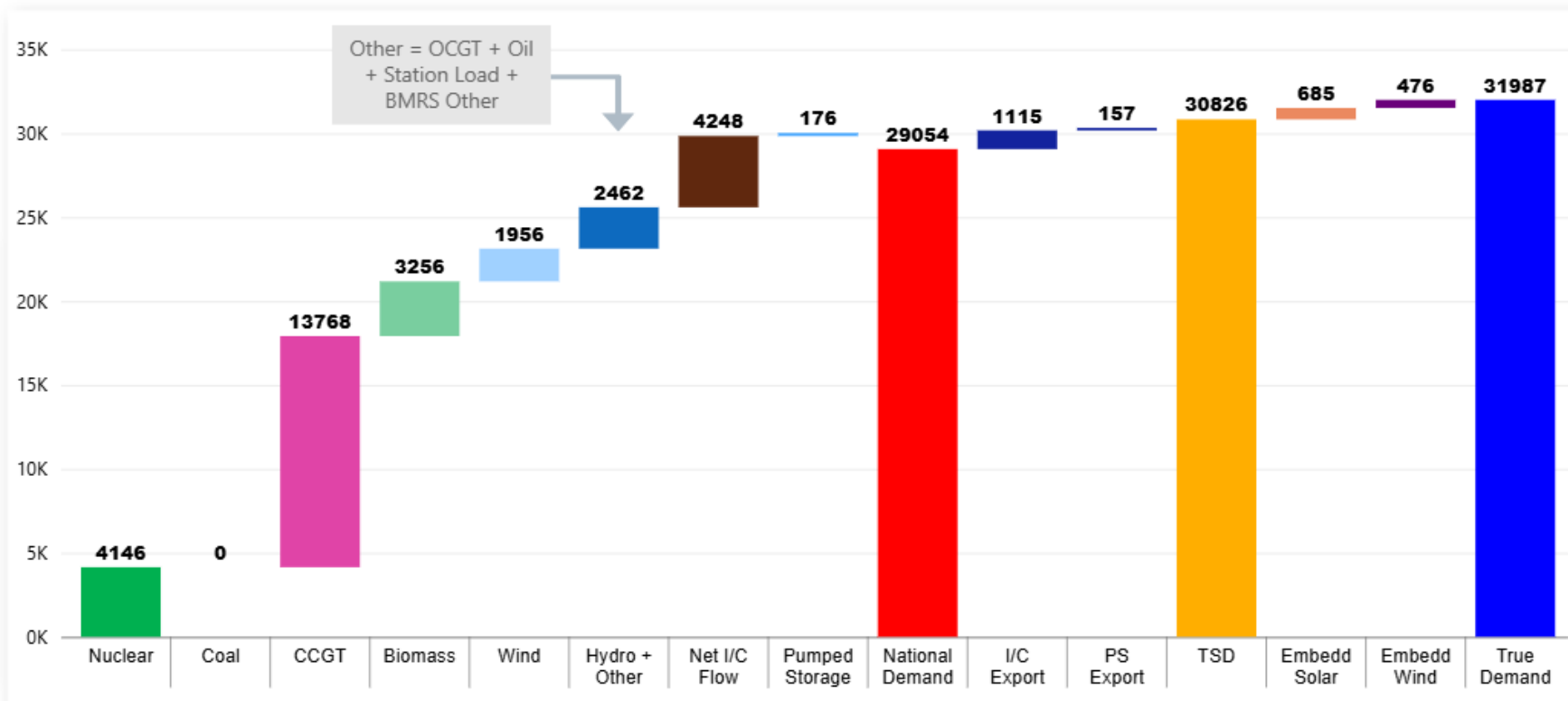
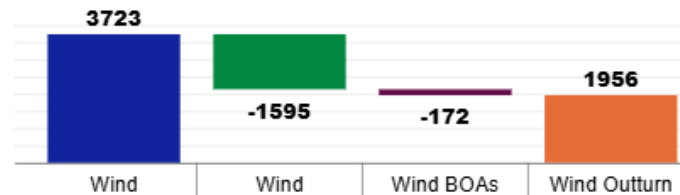
Biomass



Net I/C Flow



Wind



NESO Actions | Minimum Demand – SP spend ~£437k

Saturday 5th July

Slido code #OTF

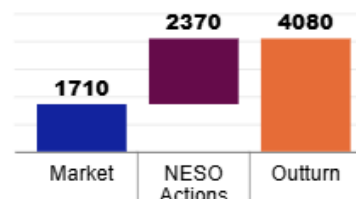
Date 05 July 2025
SP 12

Half-hour preceding
06:00

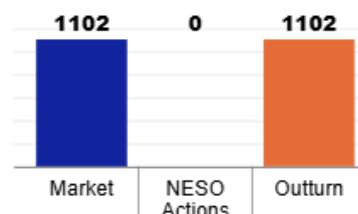
Carbon Intensity
(gCO₂/kWh)



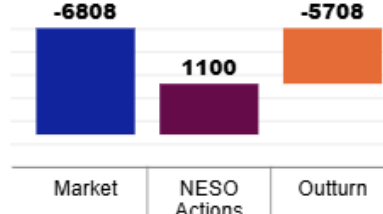
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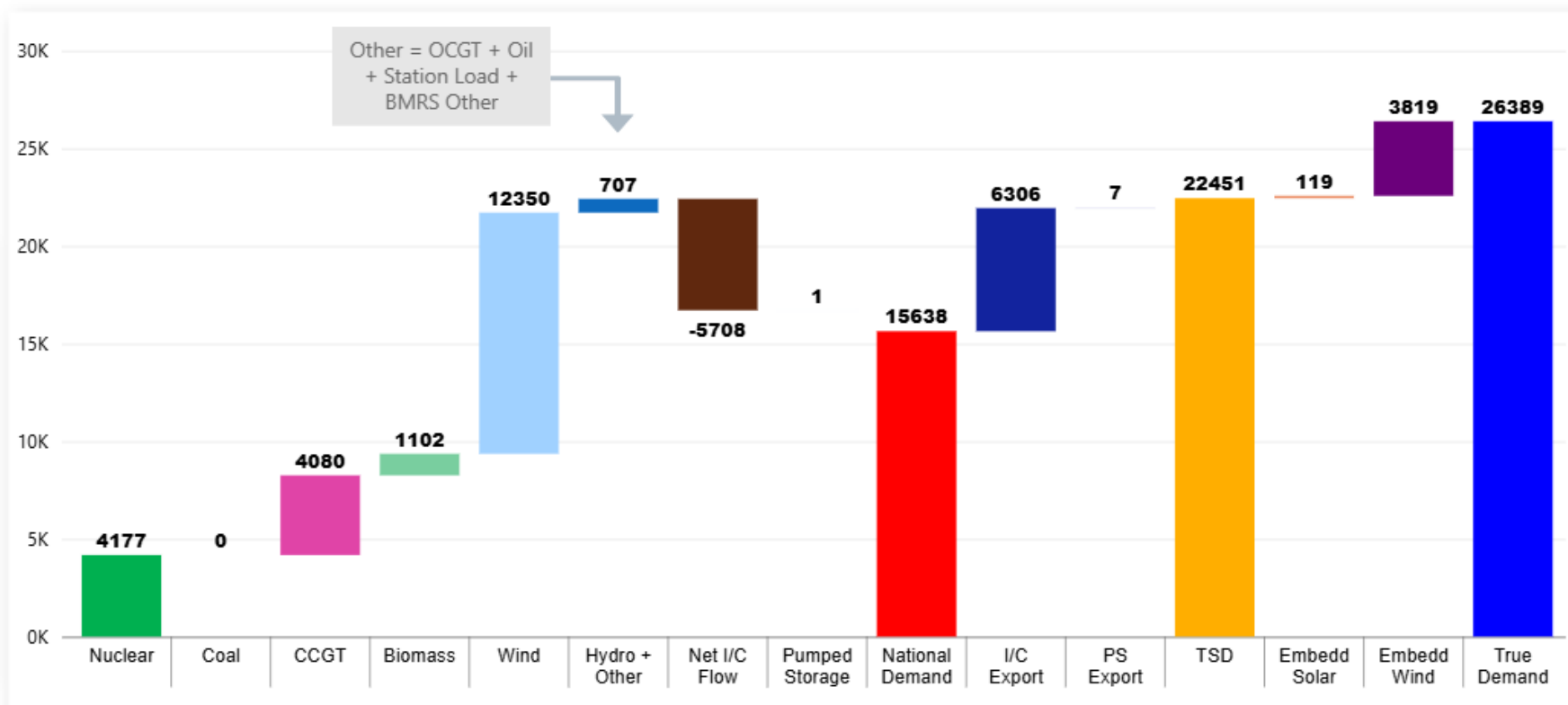
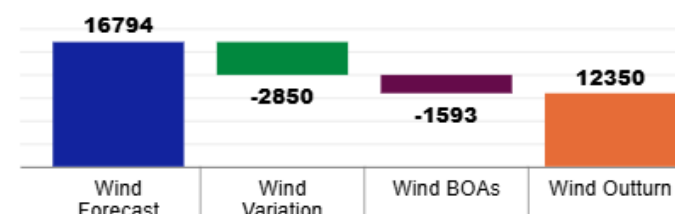
Biomass



Net I/C Flow



Wind



NESO Actions | Highest SP spend ~£583k

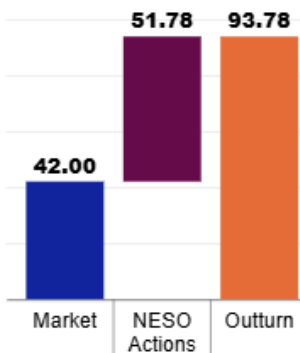
Saturday 5th July

Slido code #OTF

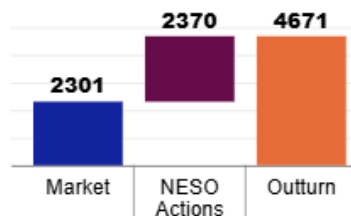
Date SP

Half-hour preceding
02:00

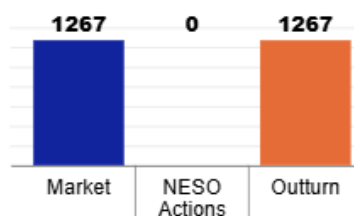
Carbon Intensity
(gCO₂/kWh)



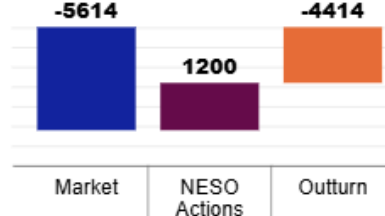
CCGT



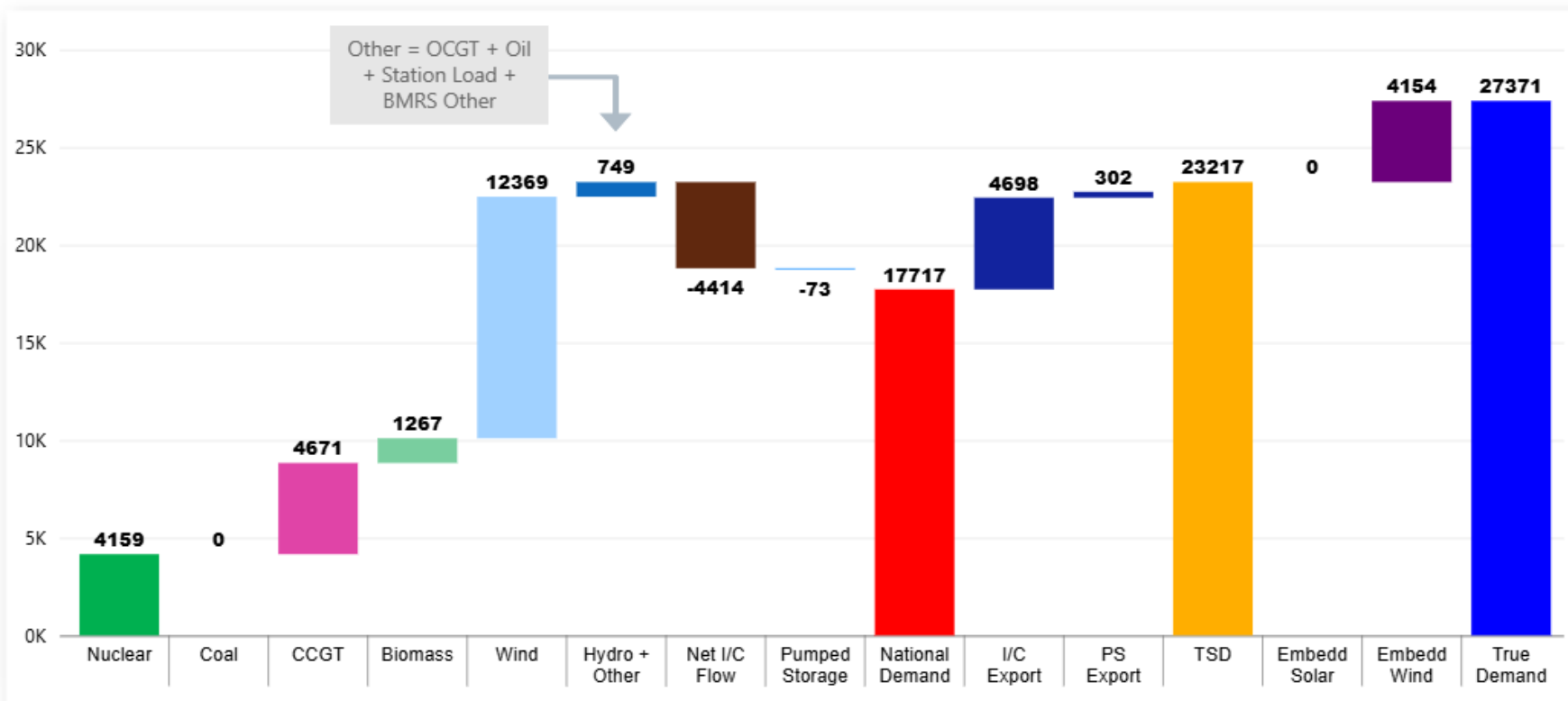
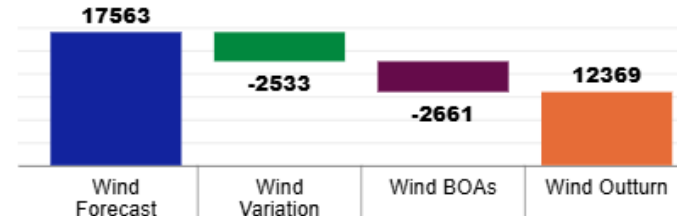
Biomass



Net I/C Flow

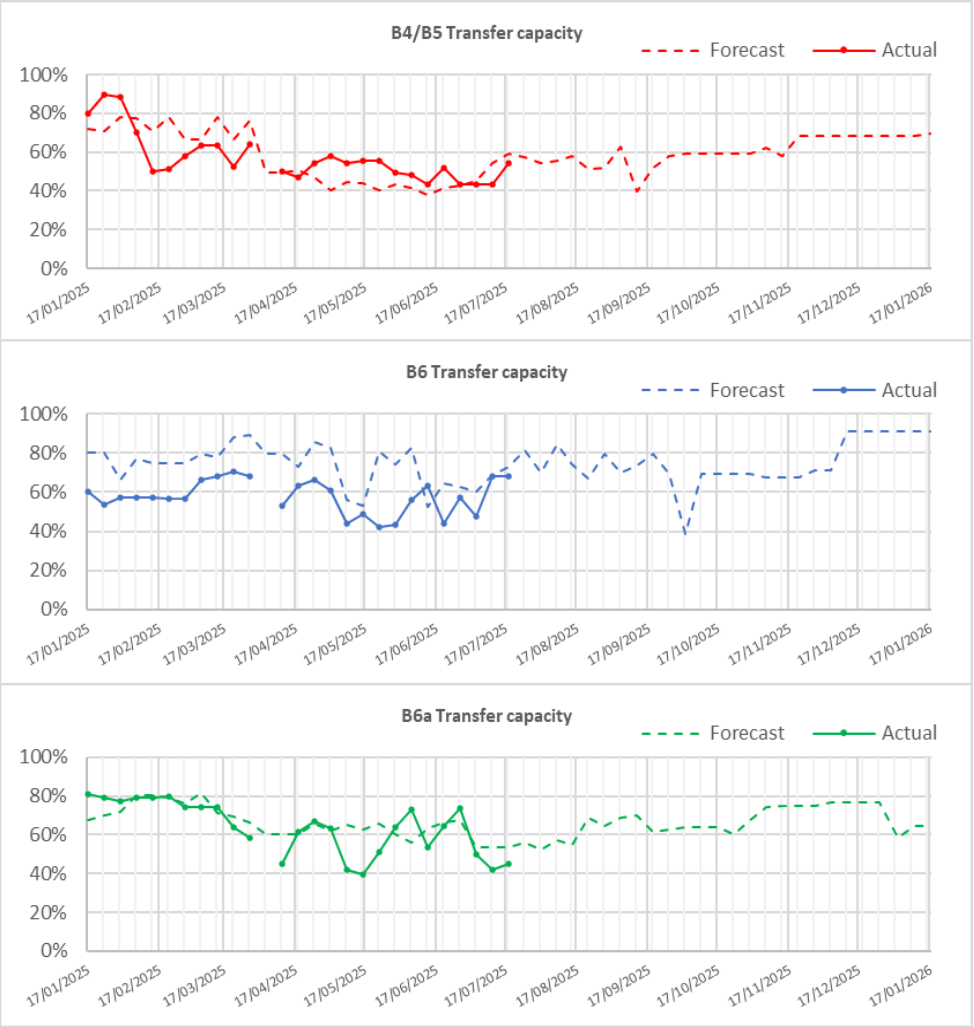


Wind

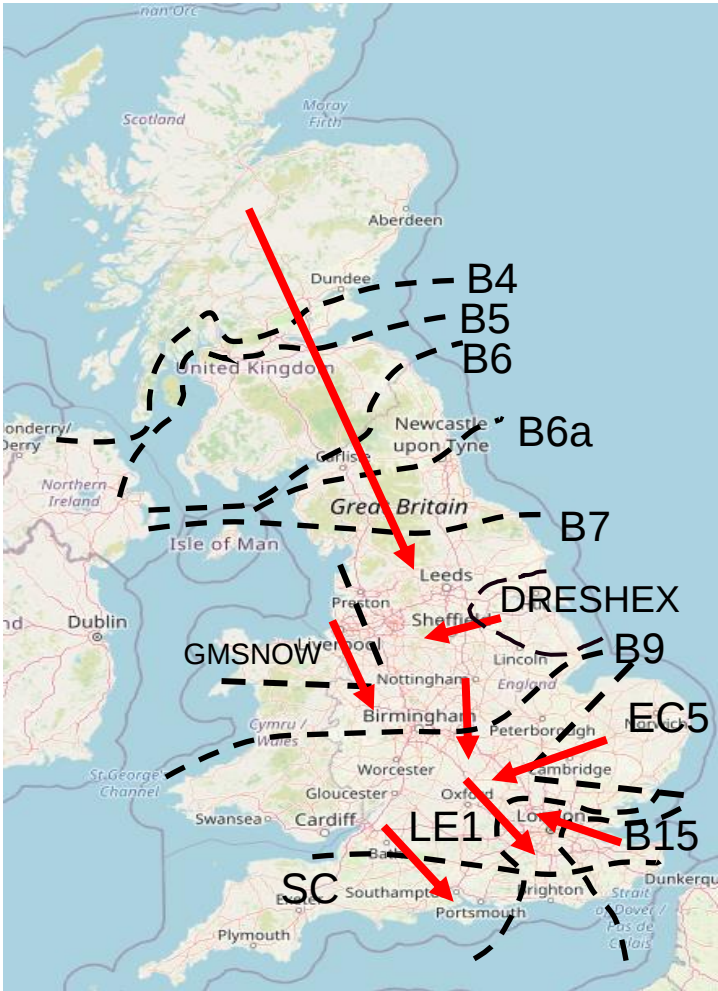


Transparency | Network Congestion

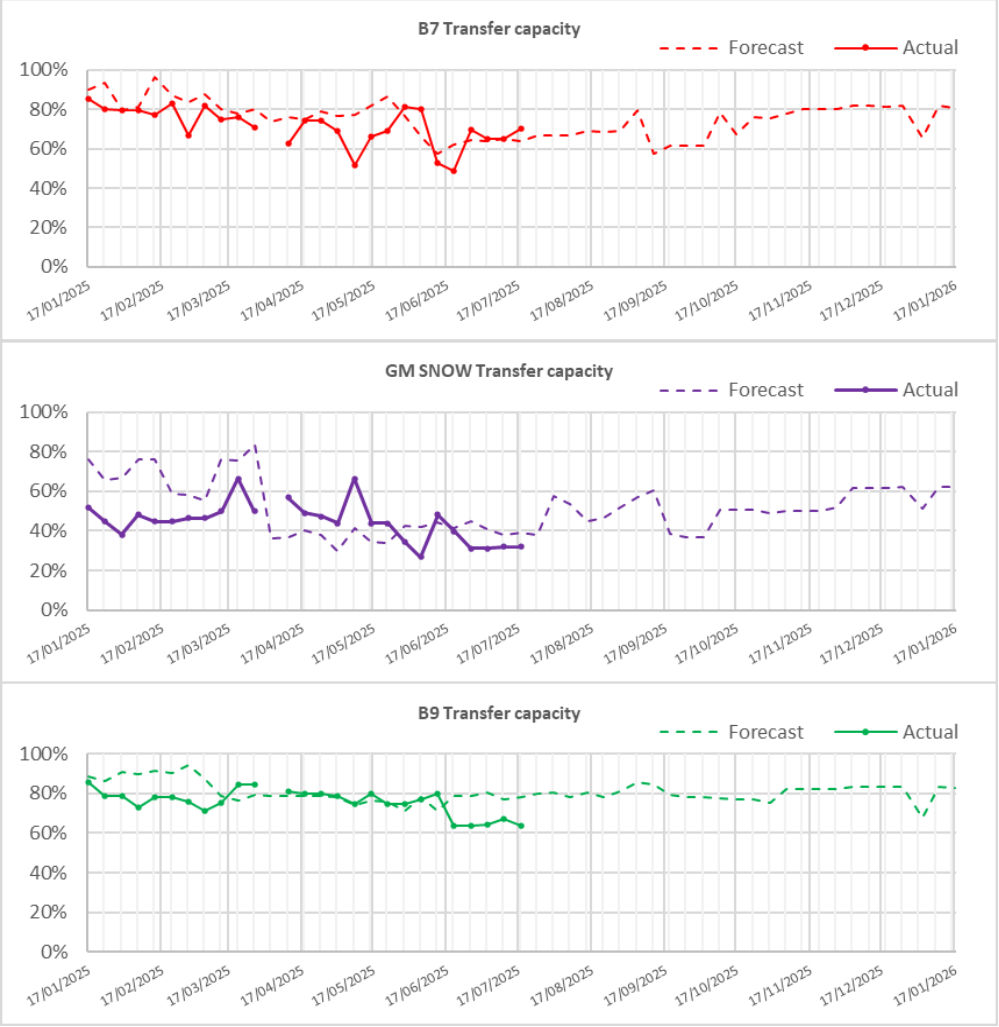
Slido code #OTF



Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	54%
B6 (SCOTEX)	6800	68%
B6a	8000	45%
B7 (SSHARN)	9850	70%
GMSNOW	5800	32%
FLOWSTH (B9)	12700	64%
DRESHEX	9675	58%
EC5	5000	47%
LE1 (SEIMP)	8750	54%
B15 (ESTEX)	7500	85%
SC1	7300	73%

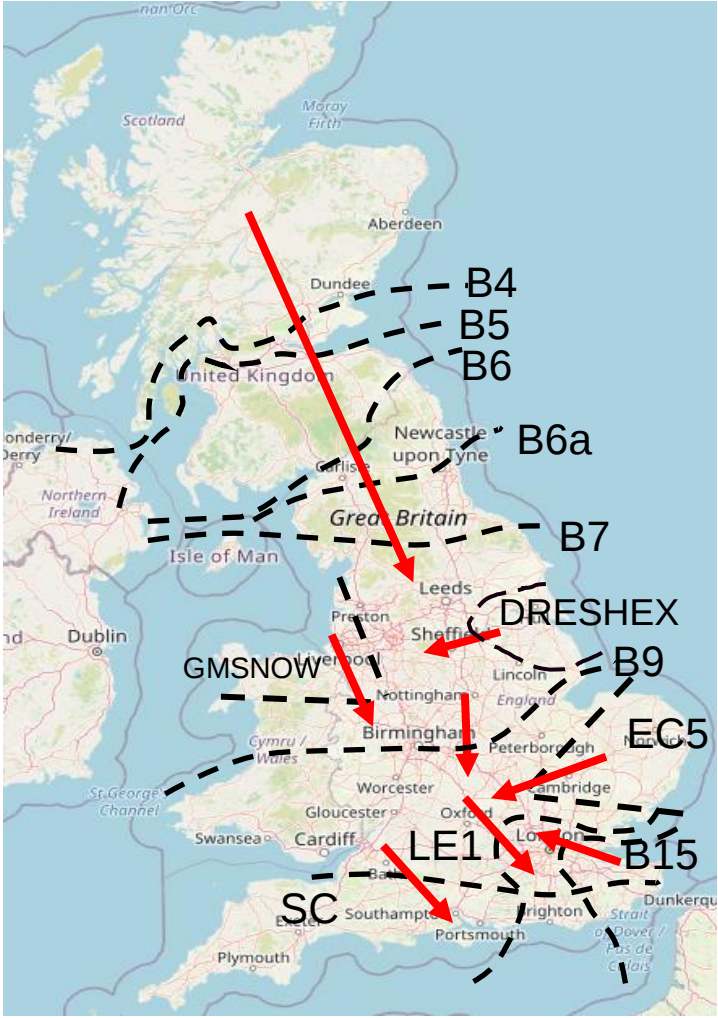


Transparency | Network Congestion

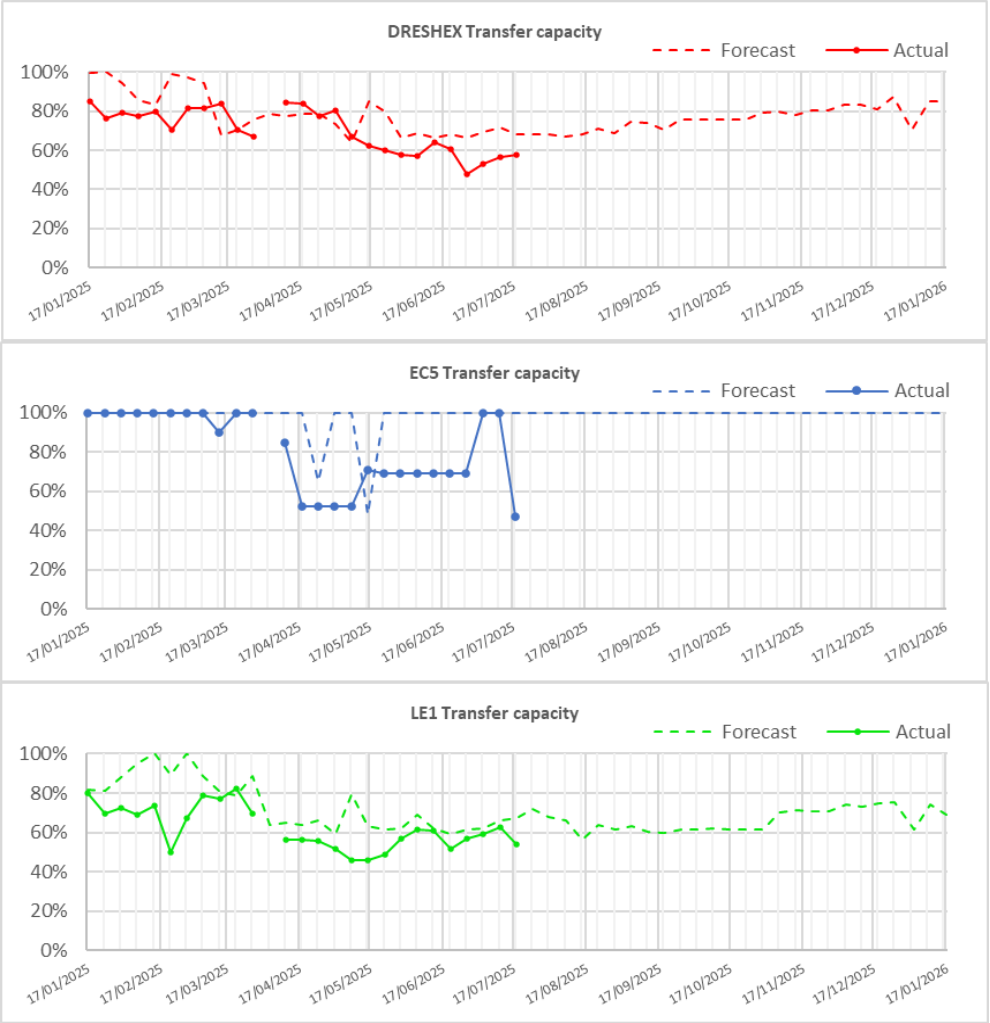


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Slido code #OTF

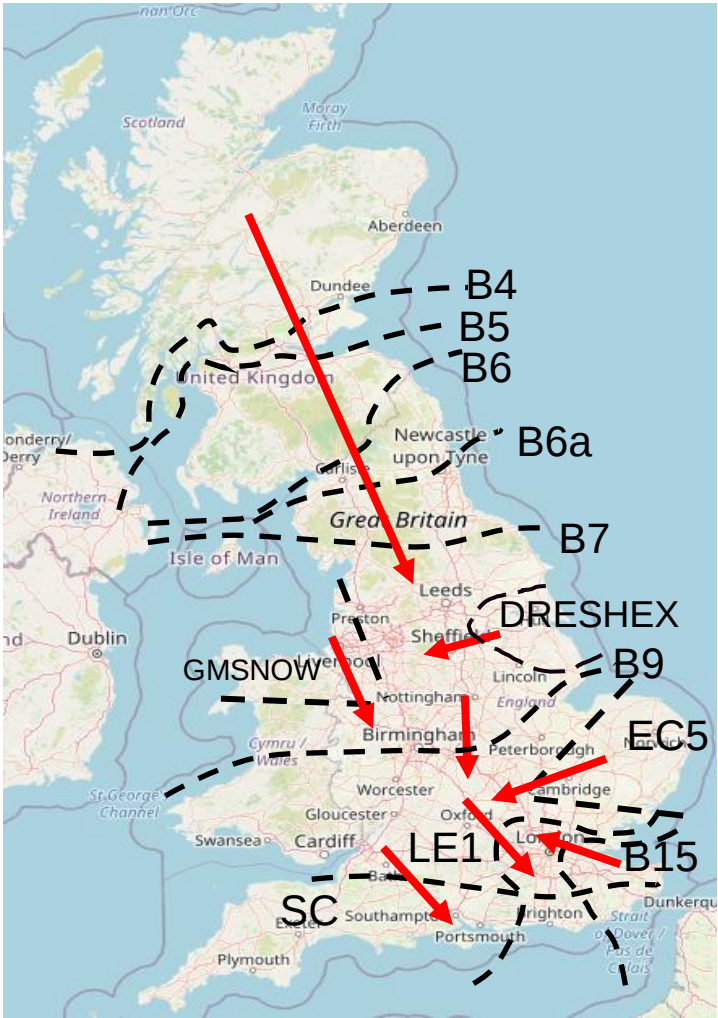


Transparency | Network Congestion

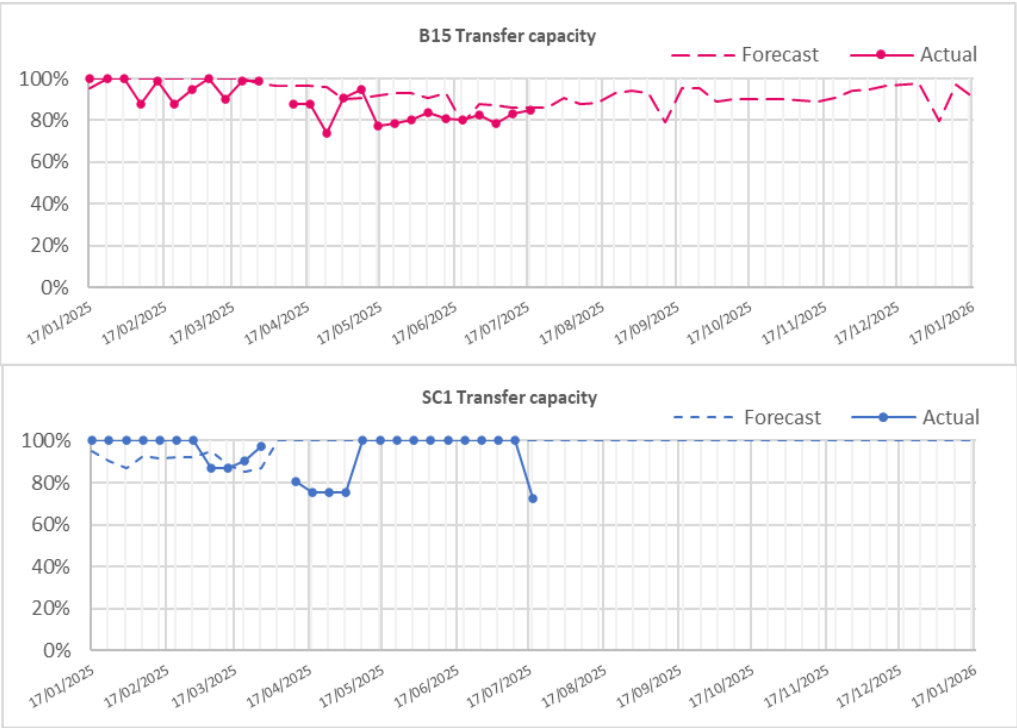


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Slido code #OTF

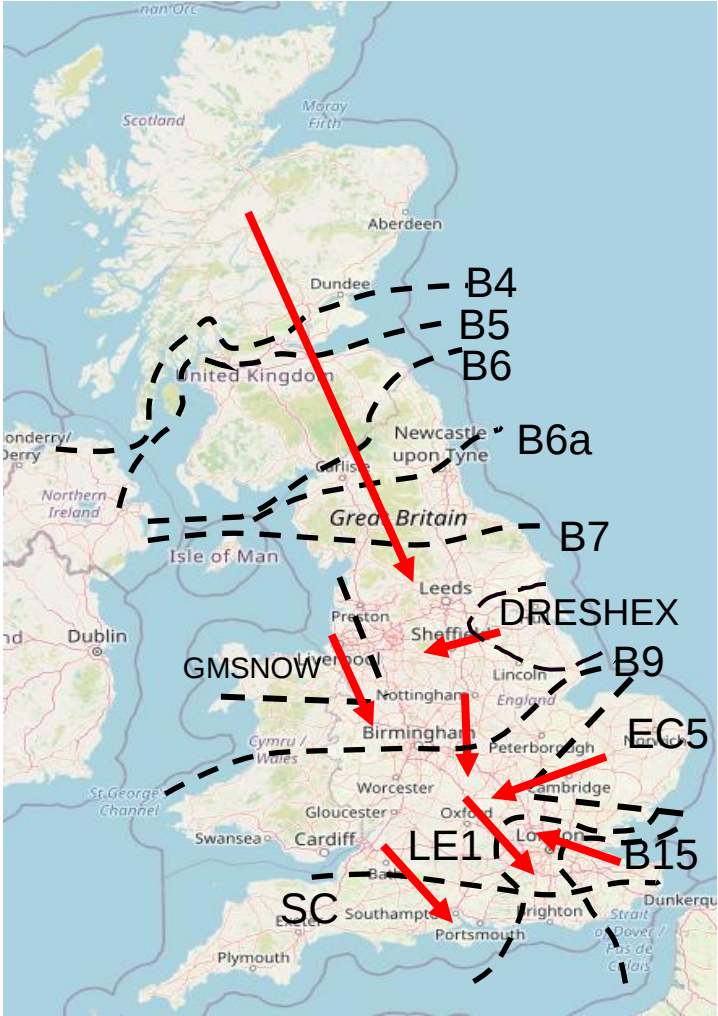


Transparency | Network Congestion



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B6a	8000	45%
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DRESHEX	9675	58%
EC5	5000	47%
LE1 (SEIMP)	8750	54%
B15 (ESTEX)	7500	85%
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)

Previously Asked Questions

Slido code #OTF

Q: (11/06/2025) Has NESO made certain newspaper writing people aware that the wind forecast is what would generate unconstrained and so it being different from outturn when the wind is curtailed does not indicate a forecast error?

A: We speak regularly with media outlets both to help shape their coverage and to provide clarifications where necessary and have raised this point with the outlet in question.

Q: (30/06/2025) I'm interested in the reason behind the large volume of IC BSADs today, this afternoon and evening, 30th June... totalling almost 5GW. Specifically

- What conditions about today specifically drives such a volume of buys from NESO to stop the IC's exporting
- Why is a fraction of the buy volume NOT SO-flagged (because these few untagged MW are driving up the system price significantly)

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 south-east of England, buy trades were carried out on interconnectors.

NESO will determine which balancing service has been taken for system management reasons. In this case a fraction of the trades was not SO tagged as they were not taken to partially or wholly resolve a transmission constraint. These trades were instead taken for energy reasons.

Previously Asked Questions

Slido code #OTF

Q: (09/07/2025) EDT data submission: - isn't " Electronic Data Transfer (EDT) Exceptions Scenarios process (8th April 2025 – Version 1)" a live document/ alternative process?

A: Yes, in very specific circumstances the Electronic Data Transfer (EDT) Exceptions Scenarios process does allow a BSC Party or Trading Agent to submit EDT data. However, this option did not apply for any of the parties impacted by the EDT disruption on 24 June 2025.

Q: (09/07/2025) You cannot share TO outage data without asking them. Have you asked them? And is this not covered by REMIT?

A: REMIT requires all market participants to disclose information that may significantly impact prices of a wholesale energy product and does include references to transmission equipment within this. However, NESO is a transmission system operator under REMIT meaning that us acting on this information would not be considered a REMIT issue when done for the purpose of system security or safety.

There is ongoing work on understanding benefits and consequences of publication by NESO of this data as part of the ongoing constraint's publication assessment.

A decision to publish information is for the relevant data owner to make and for OFGEM to determine if enforcement is needed. Please direct any specific REMIT concerns to:

MarketReporting@neso.energy or market.conduct@ofgem.gov.uk

Previously Asked Questions

Slido code #OTF

Q: (09/07/2025) I need to get a plant in the BM – they are licenced and must be a BMU. How do I get a BEGA? I have been asking for months. NESO is a barrier to the BM.

A: During the Connections Reform process, we aim to be fair, equal and consistent with our Connections customers by following our new procedures. Therefore, any queries or complaints must be submitted through one of the following methods:

Through your Connections Portal account [Connections Portal | National Energy System Operator](#)

For those unable to access the Portal, submissions can be made at box.connectionsreform@neso.energy

In the first instance we strongly advise you to read our existing published materials and FAQs as this may be your fastest route to an answer: [Connections Reform help centre, FAQs and events](#)

Please note that questions and complaints sent via other channels (e.g., any individual email addresses, other group inboxes or other individual email addresses) will not be forwarded or actioned. This is in the interests of fairness and equality for all Connections customers who must follow the same process. Due to the time required for processing applications through Gate 2 To Whole Queue task, it is important that you send your queries or complaints via the correct channel.

Please note the procedure also applies to any calls to NESO general or individual numbers, where you will be advised to redirect to the defined channel.

Thank you for your understanding and cooperation.

Advance Questions

Slido code #OTF

Q: (03/07/2025) 2.8% of all operational meter readings received by NESO have the incorrect polarity impacting system operability and costs!!

Source [GCDF Presentation 2 July](#)

Further extracts:-

"Incorrect/inconsistent polarity for power flow metering data fed into the NESO SCADA system, for example negative instead of positive flow."

"Insufficient level of response and reserve to deal with contingency for real-time operation -> system security issue and potential SQSS breach"

"Based on theoretical calculation: o Extra balancing cost incurred due to incorrect polarity estimated at £100m / year"

When will we get the promised deep dive on this subject as mentioned in response to my OTF question 2101 from 1 year ago? <https://www.neso.energy/document/304926/download>

A: Thank you for reminding us of the commitment to provide a deep dive into Operational Metering. This is booked to take place at the OTF on 6 August 2025.

Please accept our apologies for the time taken to arrange this.

Advance Questions

Slido code #OTF

Q: (15/07/2025) The REMA Summer update rules out Zonal Pricing. As an alternative improvement, it offers "Alignment of the market trading deadline with gate closure". The paragraph suggests the alignment will be done by closing the trading market earlier. This goes in the opposite direction of moving Gate Closure closer to realtime. 1h Gate Closure was flagged several times as inefficient (especially by Storage operators which can't reposition the SOE for this very long closed period). NESO acknowledged that in the past and stated it started looking into shortening it (similarly to other TSOs in other countries, e.g. Europe).

The REMA proposal seems to get into the way – can NESO confirm if bringing Gate Closure closer to real time is still a priority?

A: We discussed with industry via our dispatch webinar in July last year, the possibility of extending gate closure and this has also been highlighted as an option to explore further in the REMA Government summer update. Please could the person who asked this question clarify where NESO has stated it is considering shortening gate closure?

Outstanding Questions

Slido code #OTF

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

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) Has there been any assessment of the financial impact of the EDT, EDL outage on market participants and consumers?

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>

Outstanding Questions

Slido code #OTF

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: (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?

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?"

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).