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NESO Operational Transparency Forum

7 May 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@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

Future deep dive / focus topics

Slido code #OTF

Today's Focus Topics/deep dives

Weekend overview from 26/27 April – 7 May

Future

Partial Solar Eclipse on 29 March 2025 – 14 May

April Balancing Costs – 21 May

Submission of offer prices in the BM: wind & solar – 28 May

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

Spain/Portugal Power Incident

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Great Britain's electricity network was not affected by the power system incident on the European electricity network on Monday 28 April.

We are working closely with our counterparts across Europe to understand the cause of the power system incident and to offer our support.

It is too early to comment further on these events whilst investigations are still ongoing.

CfD Delivery Partners – Contact Details



National Energy System Operator (NESO)

Responsible for administering and delivering key elements of the scheme:

Slido code #OTF

box.emr.cfd@nationalenergyso.com



Department for
Energy Security
& Net Zero

Department for Energy Security & Net Zero (DESNZ)

Set the policy and governance arrangements for the scheme, including:

contractsforDifference@energysecurity.gov.uk



Low Carbon Contracts
Company

The Low Carbon Contracts Company

The CfD Counterparty, responsible for Agreement Management:

info@lowcarboncontracts.uk

You can also send a query in via the Delivery Partner Resource Portal, your email will be directed to the correct Delivery Partner.

[Contact](#)



Response Reform May Webinar: Static Reform

Join us for the [Response Reform webinar](#) on **15 May, 10am – 11am.**

As a follow on from previous webinars and 1-2-1 sessions held over the past few months, we will be presenting current thinking on service design topics that are being explored for reform of Static Firm Frequency Response (SFFR)

Sign up [here](#).

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

Initial Forecast of TNUoS Tariffs for 2026/27 Webinar

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We have published the Initial Forecast of TNUoS Tariffs for 2026/27, the report and the tables can be accessed through the links below.

- [Download the Report](#)
- [Download the Tables File](#)

In addition to the forecast tariffs for the 2026/27 charging year, we have also published a table to show a view of the onshore Transmission Owners' revenues for the next 5 years. This is in response to a request from industry, due to the [revised timetable](#) that we are following this year, with the 5-Year View of TNUoS Tariffs being published later in the year to allow for additional calculations ahead of the RII0-ET3 price control.

We are hosting a webinar on **Thursday 15 May 14:00–15:30** to go through the key findings and answer your queries on this publication. Register for the webinar at the link below.

[Webinar Sign Up Here](#)

Balancing Programme Forecasting Stakeholder Focus Group

Slido code #OTF

Date: 19 May 2025 / 5 June 2025

Time: 14:00 – 16:00 / 11:30 – 13:30

Location: Microsoft Teams

Join our Forecasting Focus Group to help design the Forecasting Strategy for NESO, and shape future capabilities within this space between 2026–2031, to support the electricity system of the future. We will be hosting 2 sessions, with stakeholders encouraged to join both.

In the 1st session on **19 May 14:00 – 16:00**, we will outline the current state of NESO forecasting, provide a high-level vision for the future, and discuss the changes anticipated which impact forecasting.

In the 2nd session on **5 June 11:30 – 13:30**, we will explore the forecasting requirements needed to operate the system between 2026–2031, consider what data NESO should publish in the future, and discuss how NESO could improve its forecasting abilities. Both sessions will be interactive requiring audience participation.

If you are not signed up to our Balancing Programme Forecasting Stakeholder Focus Group and would like to attend this session, please register for the Focus Group [HERE](#)

If you have any questions, please contact the team at:

box.balancingprogramme@nationalenergyso.com

NESO Data Portal update

We are pleased to announce a significant update to the NESO Data Portal. On **2 June 2025**, Data Portal URLs that do not belong to the NESO domain will be disabled.

The [NESO Data Portal](#) offers colleagues and the public access to data. As part of our efforts towards the digitalisation of NESO, we are implementing updates to the NESO Data Portal to improve user experience.

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What is changing?

Effective 2 June 2025, URLs (website addresses) pertaining to the Data Portal that use the National Grid and ESO domains will not work.

In recent months, the Data Portal has been accessible via multiple URLs, including the new NESO domain URL and older URLs using the National Grid or ESO domains. Older URLs functioned due to redirections, but all redirections will end on 2nd June 2025. This change is intended to streamline processes and enhance user experience.

Which URLs to use?

To access the Data Portal User Interface, or to consume data published on the Data Portal, do the following:

- **Data Portal front end** – Access the NESO Data Portal using the URL – <https://www.neso.energy/data-portal/>. Alternatively, the Data Portal can also be accessed through the [NESO website](#) by searching for Data Portal in the search bar. Do not use <https://www.nationalgrideso.com/data-portal> and <http://www.data.nationalgrideso.com>. We recommend updating your saved bookmarks and links accordingly.
- **Data Portal's application programming interface (API)** – Data consumers who utilize APIs to consume and publish data in the Data Portal should use the NESO domain – <https://api.neso.energy/> in the URL. Update your scripts and code, with the provided URL for uninterrupted access to published data via APIs. Do not use <https://api.nationalgrideso.com/>. For further guidance on using APIs to obtain data from the Data Portal, consult this [user guide](#).

For Data Portal queries contact:

box.opendata@nationalenergyso.com

Markets Forum

Join us in June for our upcoming NESO Markets Forum.

Choose : 9 June in Glasgow, or 11 June in London.

These are full day in person events. The content will be the same in both locations, so you do not need to attend both. A detailed agenda will be added to the Eventbrite soon. All material will also be shared on our website post event.

We look forward to seeing you there!

Sign up for [Glasgow](#)



Sign up for [London](#)



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Future Event Summary

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Event	Date & Time	Link
Response Reform Webinar: Static Reform	15 th May (10:00–11:00)	Register here
TNUoS Webinar	15 th May (14:00–15:30)	Register here
Balancing Programme Forecasting Stakeholder Focus Group	19 th May (14:00–16:00) / 5 th June (11:30–13:30)	Register here
NESO Data Portal update	2 nd June 2025 – National Grid and ESO web addresses stop working	
Markets Forum (Glasgow)	9 th June (09:00–16:30)	Register here
Markets Forum (London)	11 th June (09:00–16:30)	Register here
Balancing Programme Event	24 th June (09:00–17:30)	Register here

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

Public

Overview of system operations weekend 26/27 April

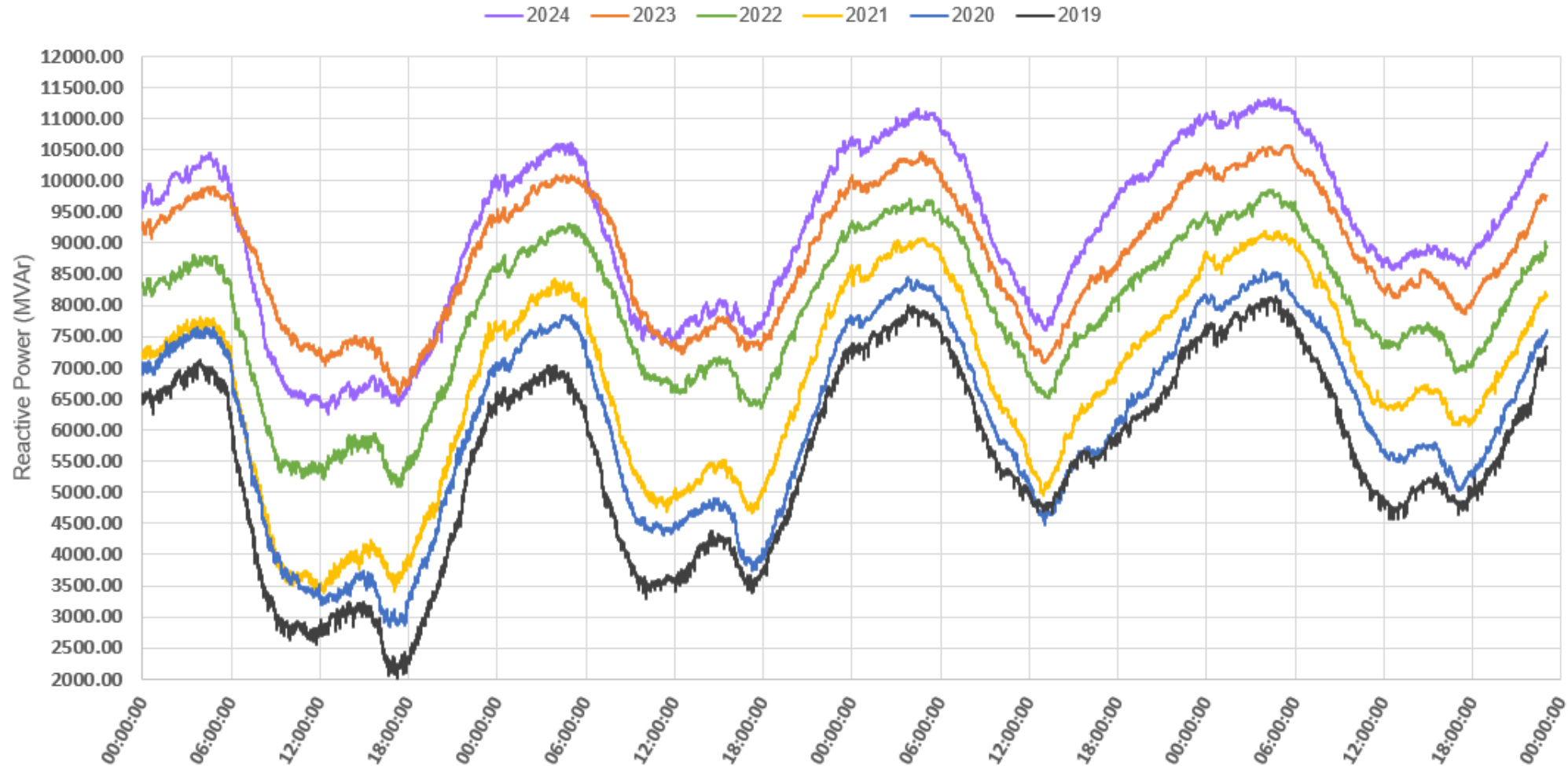
Slido code #OTF

Focus on overnight voltage control

- Typically post clock change overnight voltage becomes higher as demand reduces
- Over recent years voltage control has become more challenging and more expensive
- There are a number of reasons for this:
 - Change in system characteristics
 - Change in demand characteristics
 - Change in providers of dynamic MVARs
 - Change in network topology

MVAR – mega volt amp reactive: the unit measure of reactive power

When MVAR metering from the previous 6 years is compared, it shows the MVAR export from the DNO systems has been steadily increasing, and has grown by over **3,000MVAR** since 2019.



DNO – Distribution Network Operator

Techniques to manage system volts

Many of these require third party agreement / discussion

Accurate
demand
predictions
(MW and
MVAR)

Considering
areas requiring
specific
support

Identifying
network
solutions

Identifying
market
solutions

Reporting
(internally and
externally)

Simultaneous
tapping of
generator
transformers

Utilising static
equipment

Tapping of
SGTs and QBs

Switching out
voltage control
circuits

Utilising
dynamic
equipment

MW – mega watt: the unit measure of active power

Sequence for Saturday night plan, 26 April

Within day plan:

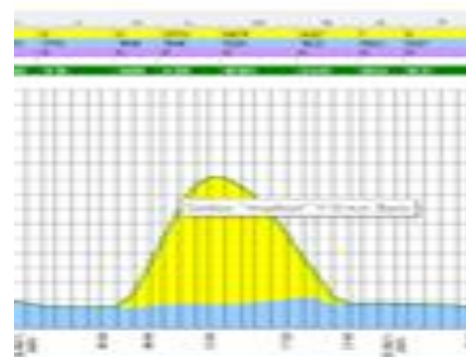
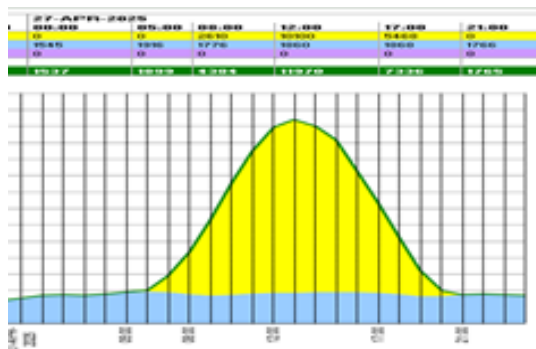
- Compare previous overnight based on plan v outturn
- Monitor requirements v availability continually
- Review demands and voltage control circuit availability
- Refine system operating plan to schedule higher than usual flows south
- Request reconfiguration of gas plant

Real time

- Start of night shift, simultaneous taps instructed across the network
- Instructed demand transfers into group
- Instructed tap stagger at a certain Grid Supply Point (GSP) following the loss of a generator
- Instructed quadrature booster tapping to encourage flows down circuits near substations showing higher voltage for post fault events
- Sunday morning following the loss of an interconnector, study results showed higher than usual post fault volts which we managed

Comparison weekend 26/27 April v May BH

- Embedded generation high v low – net effect lower voltages



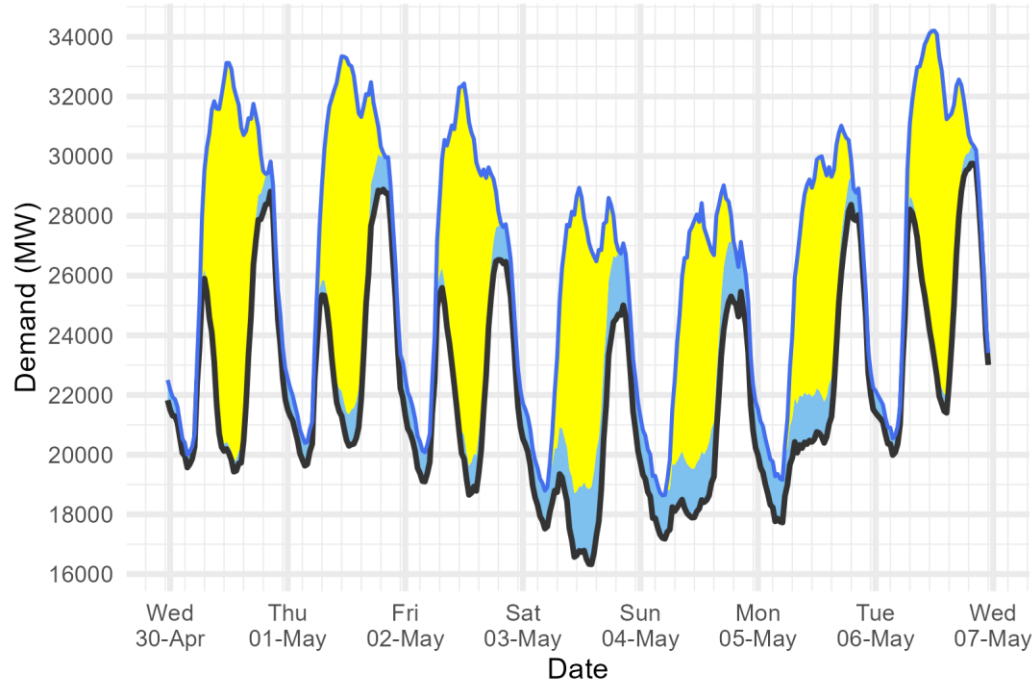
- French interconnector willing to participate in downward trades for energy
 - willing
 - not willing
- Unplanned transmission outages impacting voltage control
 - normal level
 - higher than usual



Demand | Last week demand out-turn

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NESO National Demand outturn 30 April-06 May 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)
30 Apr 2025	12.8	1.0
01 May 2025	11.9	1.4
02 May 2025	11.8	1.4
03 May 2025	10.0	2.8
04 May 2025	8.3	2.1
05 May 2025	8.0	1.7
06 May 2025	11.0	0.7

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](#)

National Demand

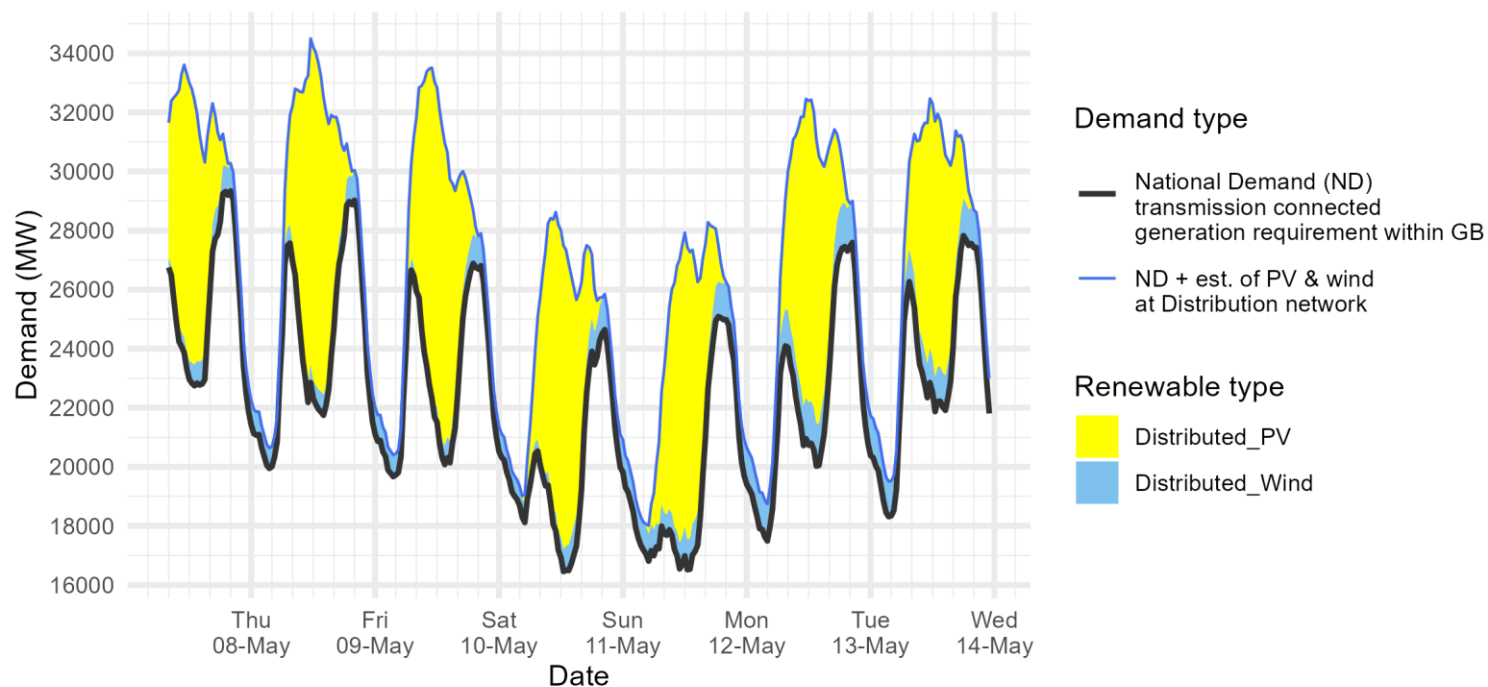
Minimum Demands

Date	Forecasting Point	FORECAST (Wed 30 Apr)			OUTTURN		
		National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)	National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)
30 Apr 2025	Afternoon Min	19.4	0.3	12.0	19.4	0.4	12.5
01 May 2025	Overnight Min	19.4	0.7	0.0	19.6	0.8	0.0
01 May 2025	Afternoon Min	21.0	1.1	9.6	20.3	1.1	11.7
02 May 2025	Overnight Min	19.1	1.1	0.0	19.1	1.0	0.0
02 May 2025	Afternoon Min	20.4	0.8	8.8	18.7	1.0	11.5
03 May 2025	Overnight Min	17.9	1.0	0.1	17.5	1.3	0.0
03 May 2025	Afternoon Min	15.8	1.2	9.0	16.3	2.6	7.9
04 May 2025	Overnight Min	16.6	1.6	0.1	17.2	1.4	0.0
04 May 2025	Afternoon Min	16.8	1.6	8.1	18.4	1.6	7.6
05 May 2025	Overnight Min	18.2	0.9	0.0	17.7	1.4	0.0
05 May 2025	Afternoon Min	19.5	0.9	8.6	20.4	1.4	7.9
06 May 2025	Overnight Min	19.4	0.8	0.0	20.0	0.6	0.0
06 May 2025	Afternoon Min	23.4	0.9	7.8	21.4	0.6	9.2

Demand | Week Ahead

Slido code #OTF

NESO Demand forecast for 07-13 May 2025



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

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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](#)

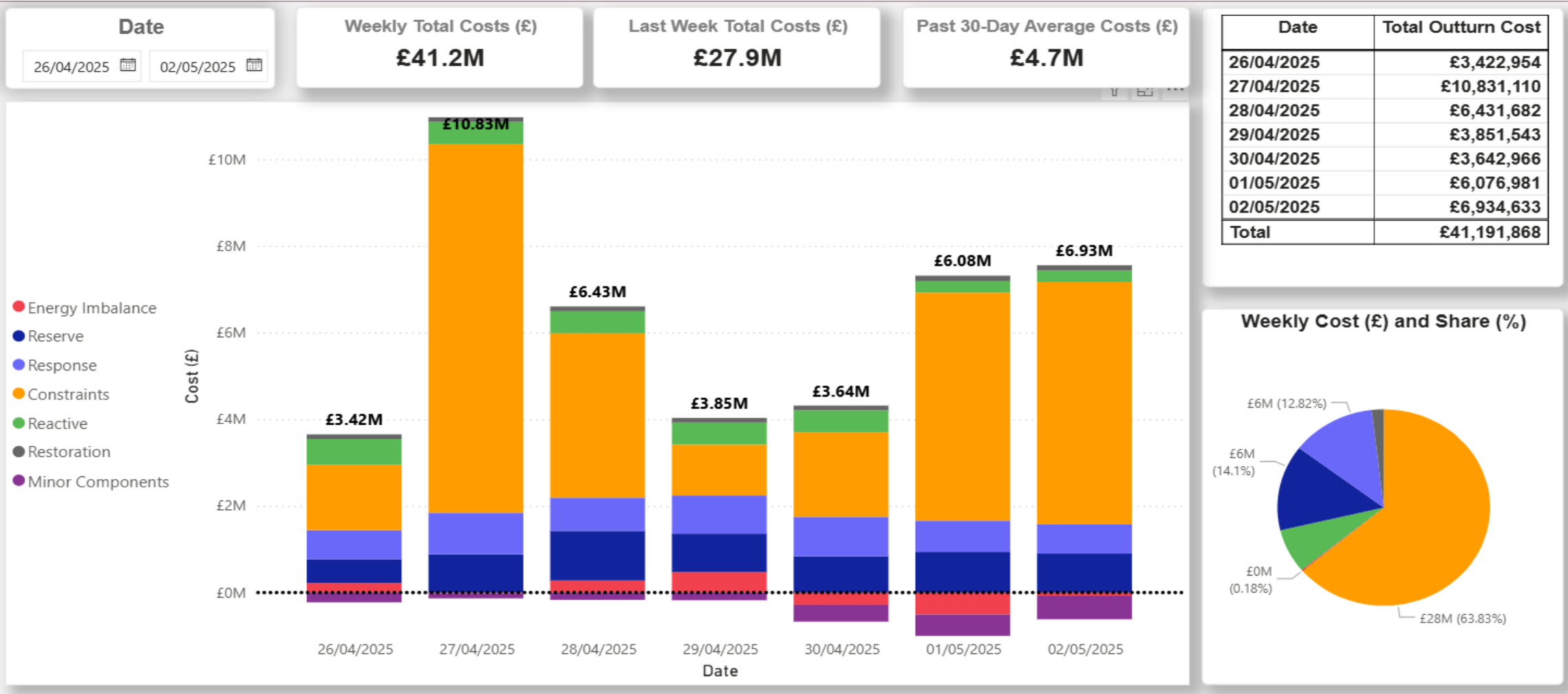
National Demand Minimum Demands

Date	Forecasting Point	FORECAST (Wed 07 May)		
		National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)
07 May 2025	Afternoon Min	22.7	0.7	8.9
08 May 2025	Overnight Min	19.9	0.7	0.0
08 May 2025	Afternoon Min	21.7	0.7	10.1
09 May 2025	Overnight Min	19.7	0.7	0.0
09 May 2025	Afternoon Min	20.1	0.7	10.2
10 May 2025	Overnight Min	18.1	0.6	0.3
10 May 2025	Afternoon Min	16.5	0.8	10.3
11 May 2025	Overnight Min	16.8	0.9	0.3
11 May 2025	Afternoon Min	16.5	1.0	9.9
12 May 2025	Overnight Min	17.5	1.3	0.0
12 May 2025	Afternoon Min	20.0	1.4	9.6
13 May 2025	Overnight Min	18.3	1.2	0.0
13 May 2025	Afternoon Min	21.9	1.2	8.6



NESO Actions | Category Cost Breakdown

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Cost (£)

£10M £8M £6M £4M £2M £0M

Energy Imbalance

Reserve

Response

Constraints

Reactive

Restoration

Minor Components

£3.42M

£10.83M

£6.43M

£3.85M

£3.64M

£6.08M

£6.93M

26/04/2025

27/04/2025

28/04/2025

29/04/2025

30/04/2025

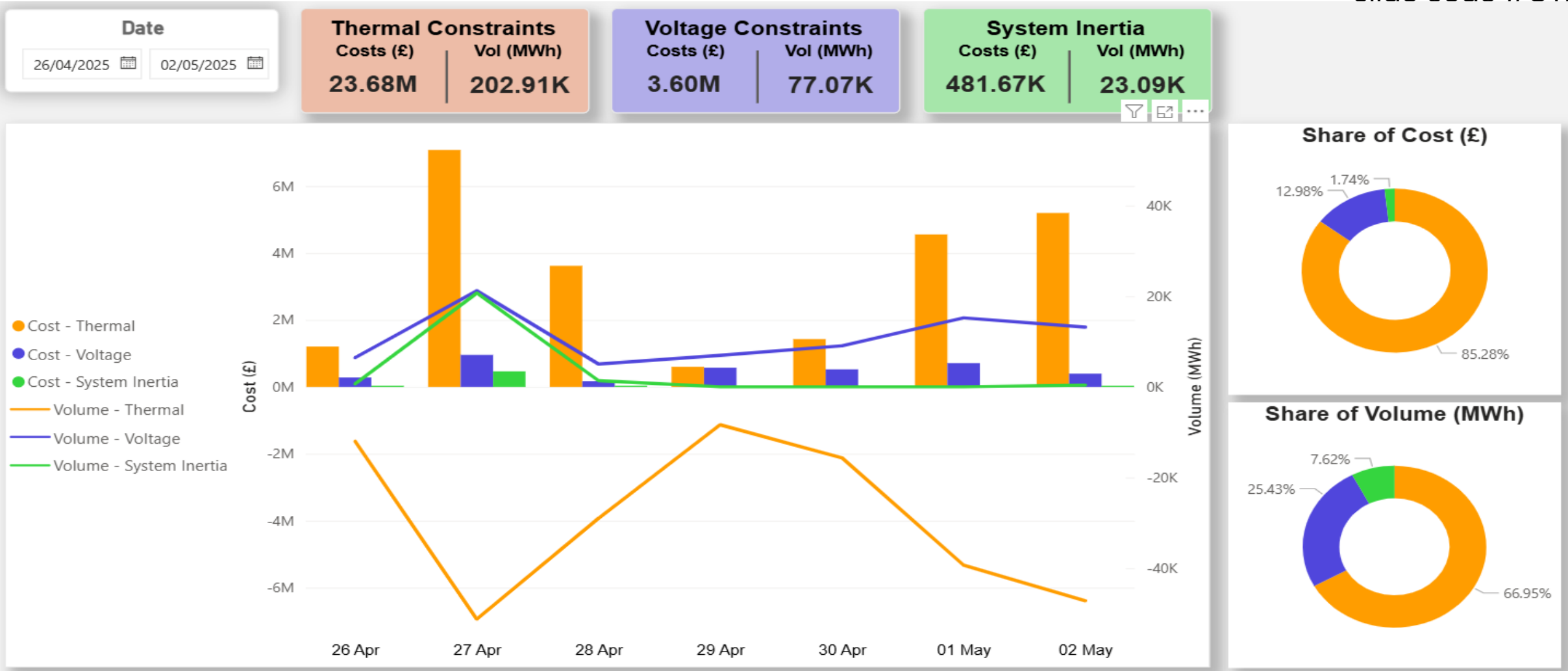
01/05/2025

02/05/2025

Date

NESO Actions | Constraint Cost Breakdown

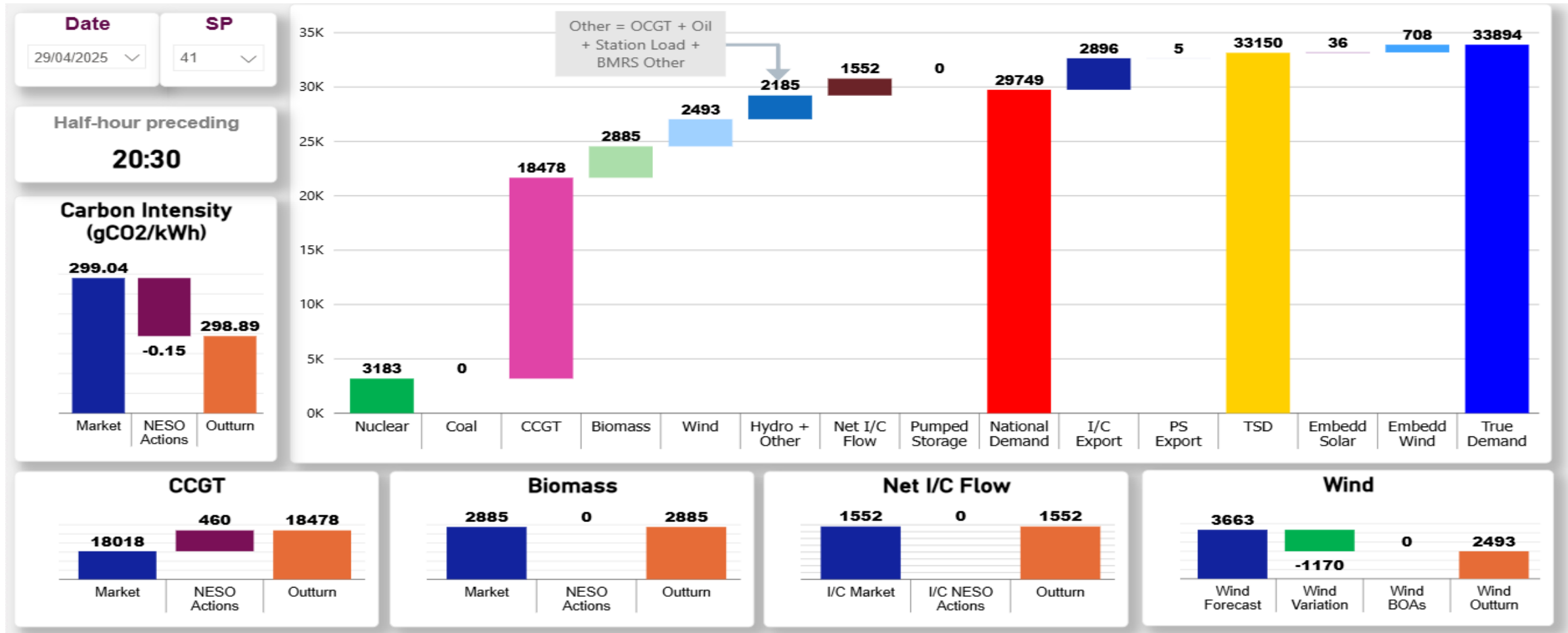
Slido code #OTF



NESO Actions | Peak Demand – SP spend ~£102k

Tuesday 29th April

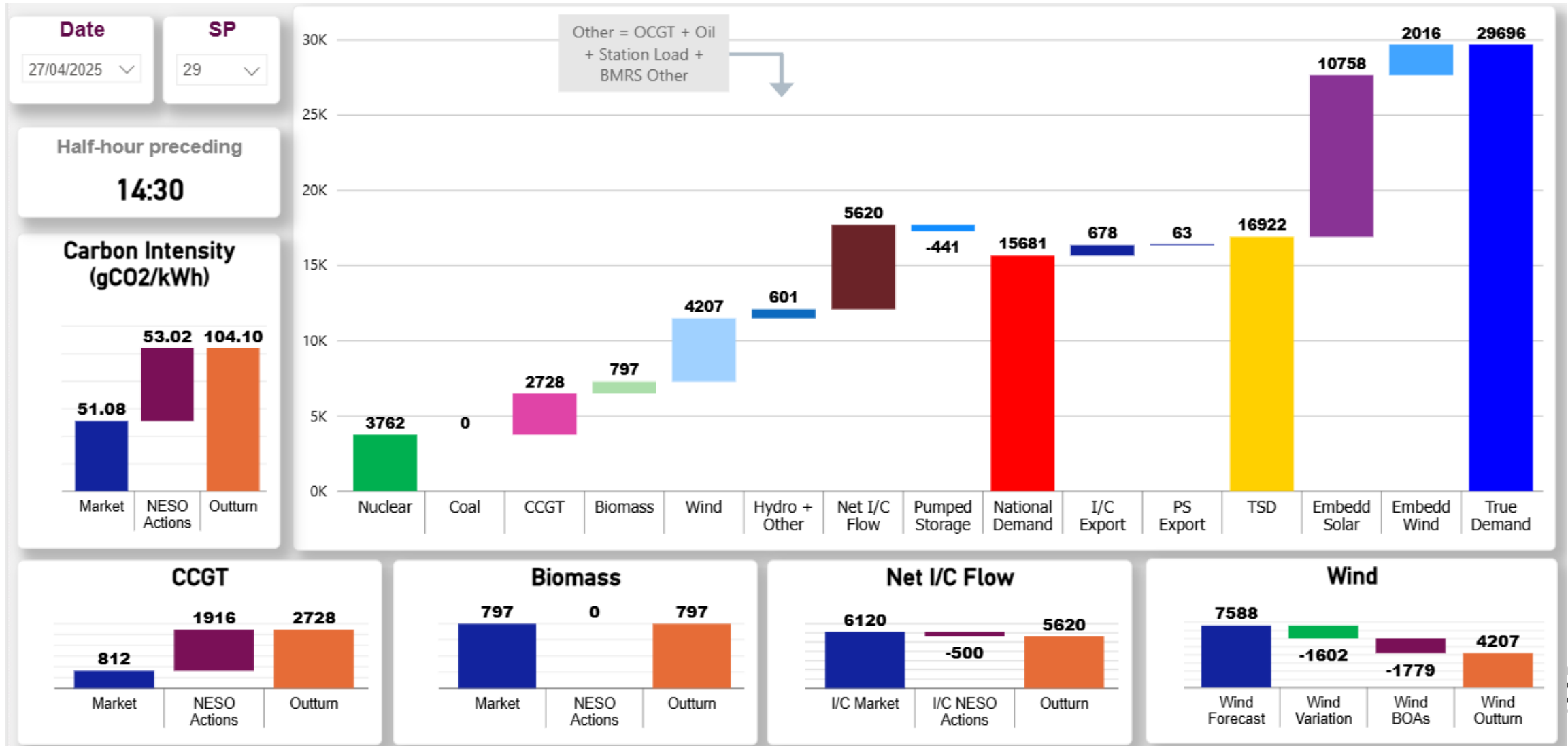
Slido code #OTF



NESO Actions | Minimum Demand – SP spend ~£255k

Sunday 27th April

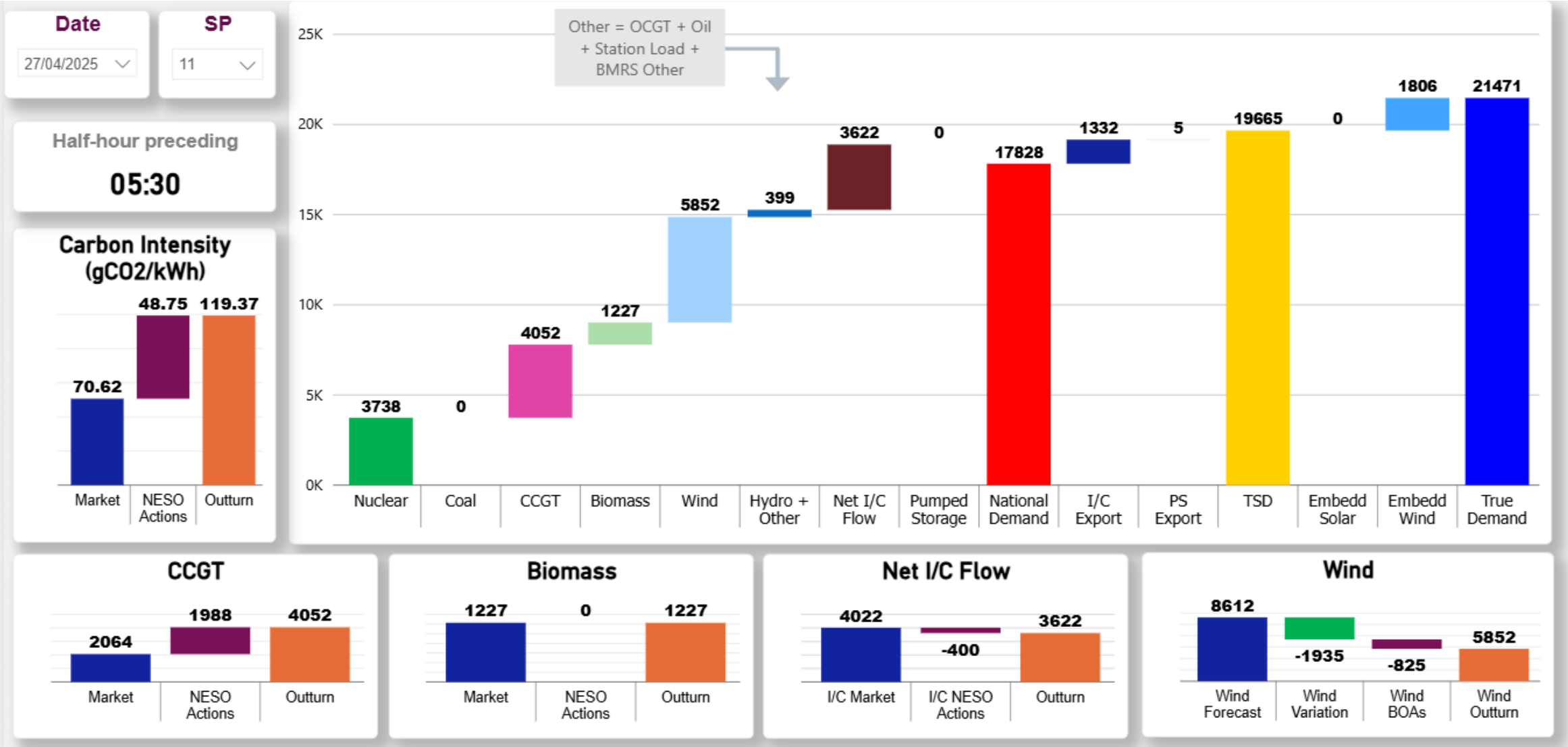
Slido code #OTF



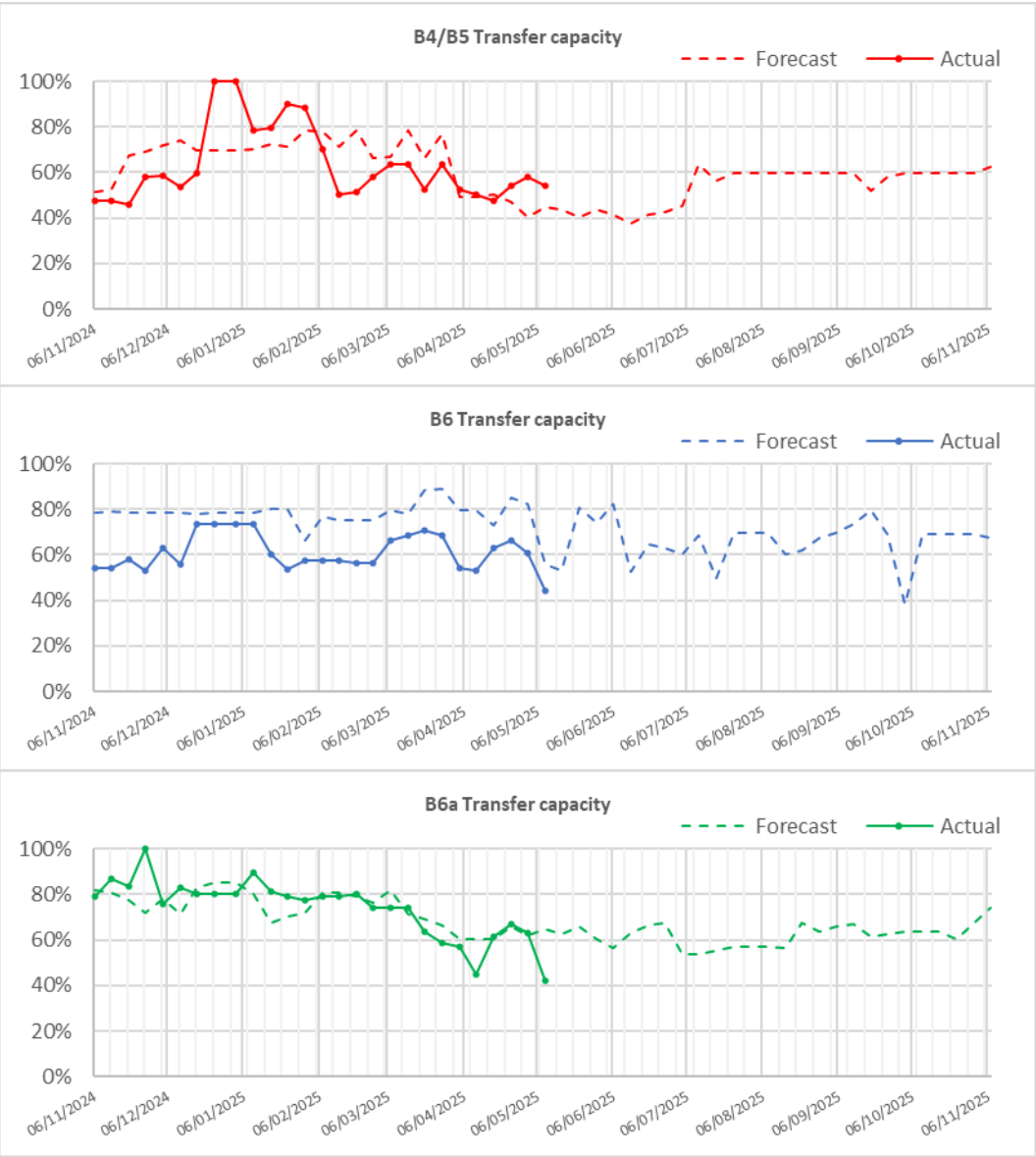
NESO Actions | – Highest SP spend ~£263k

Sunday 27th April

Slido code #OTF

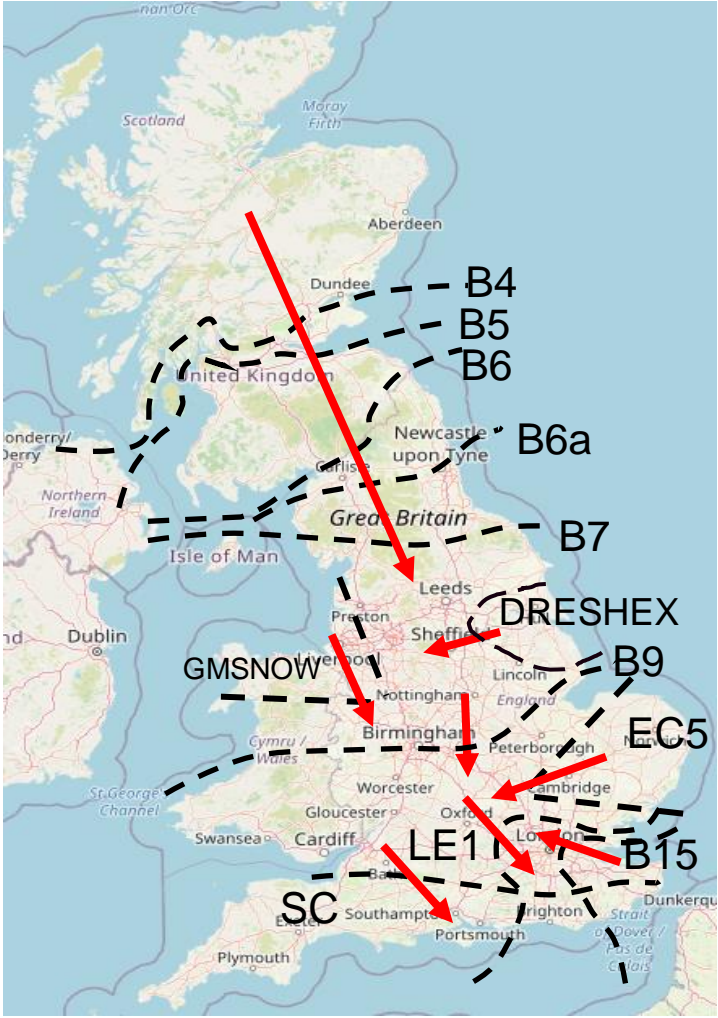


Transparency | Network Congestion

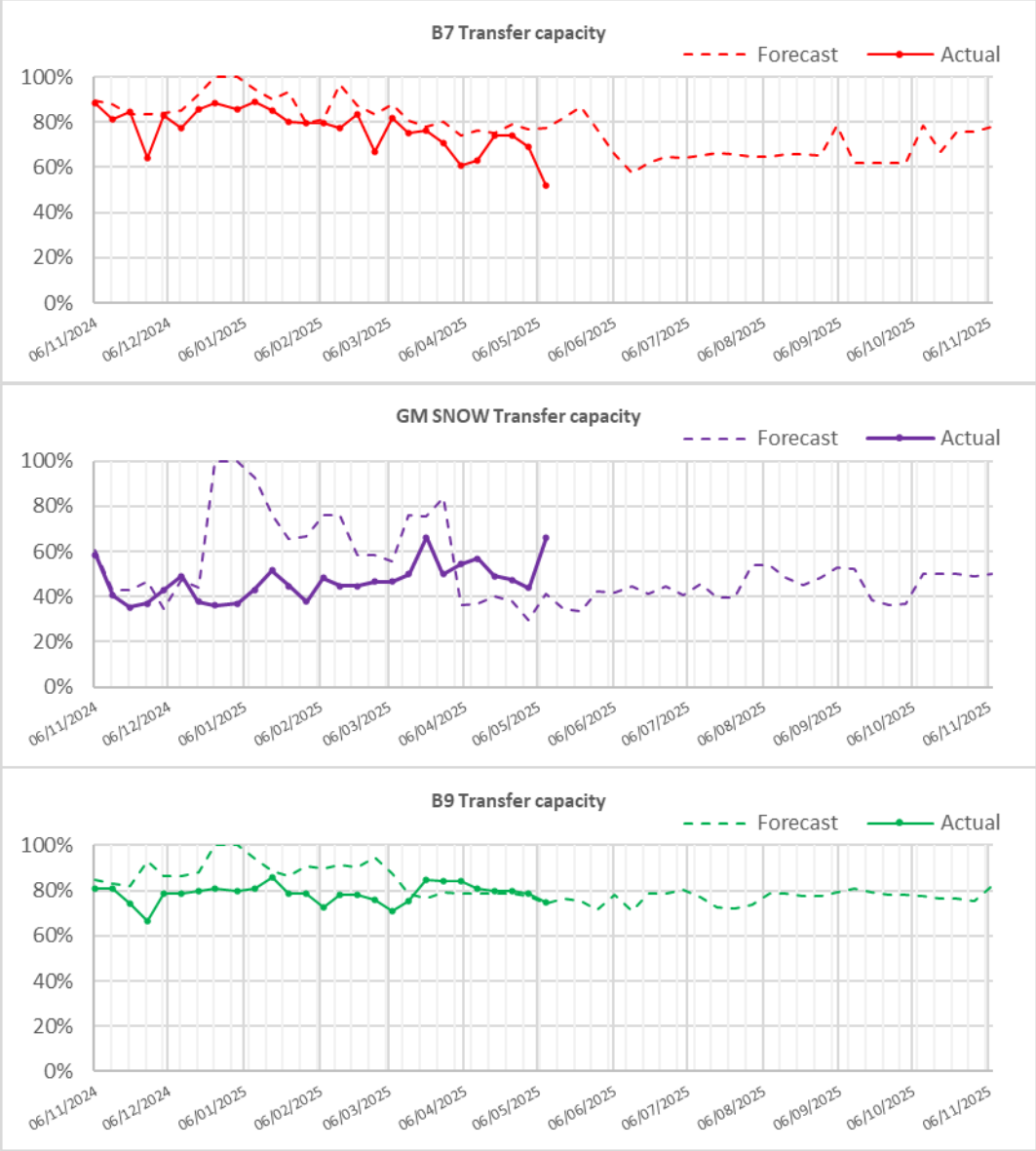


Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	54%
B6 (SCOTEX)	6800	44%
B6a	8000	42%
B7 (SSHARN)	9850	52%
GMSNOW	5800	66%
FLOWSTH (B9)	12700	75%
DRESHEX	9675	67%
EC5	5000	52%
LE1 (SEIMP)	8750	46%
B15 (ESTEX)	7500	95%
SC1	7300	100%

Slido code #OTF

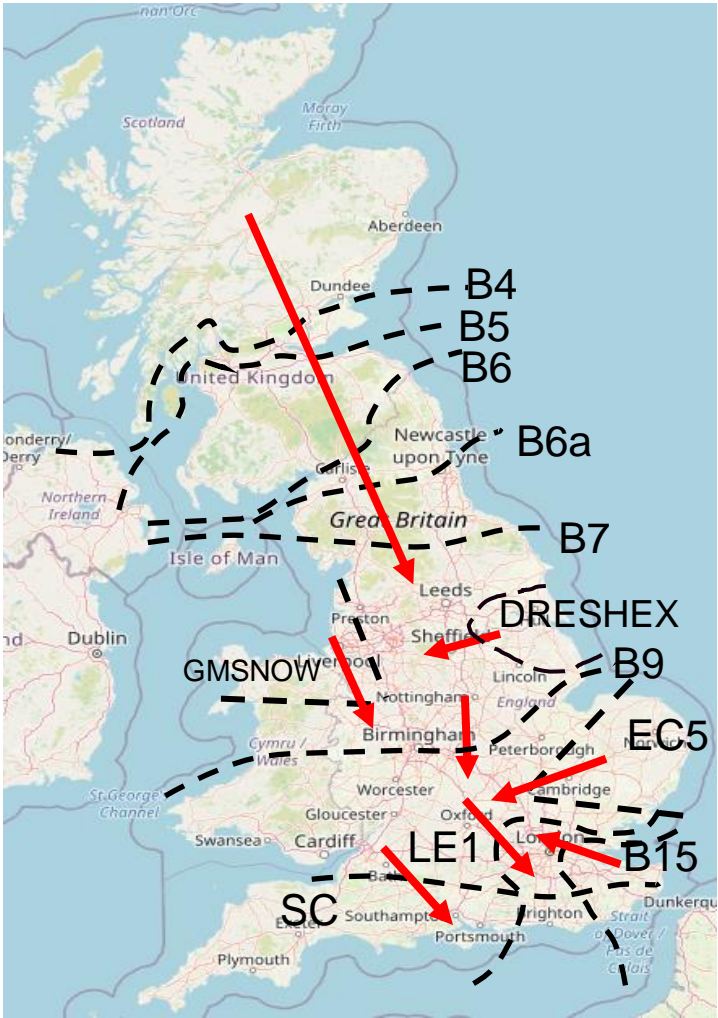


Transparency | Network Congestion

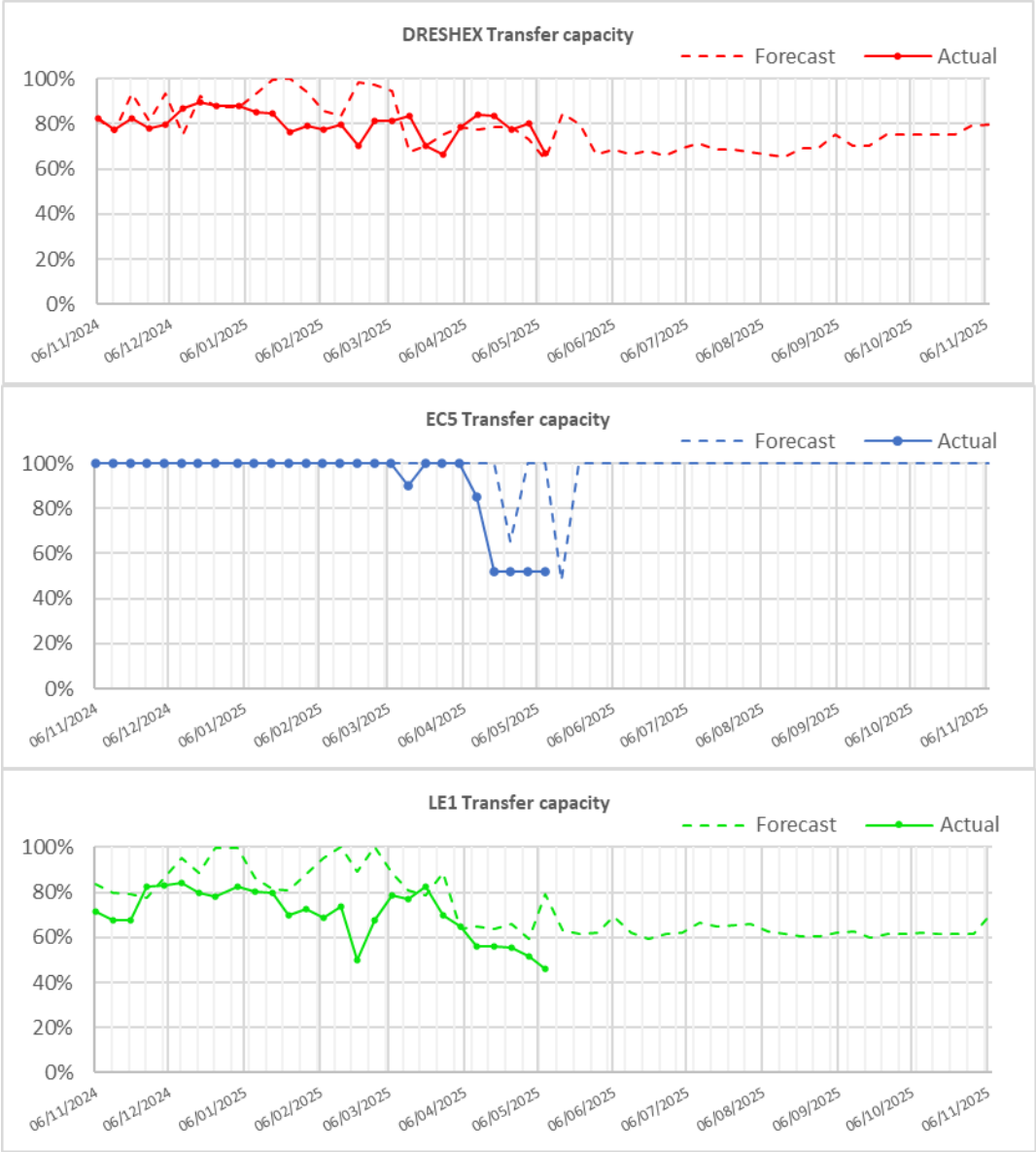


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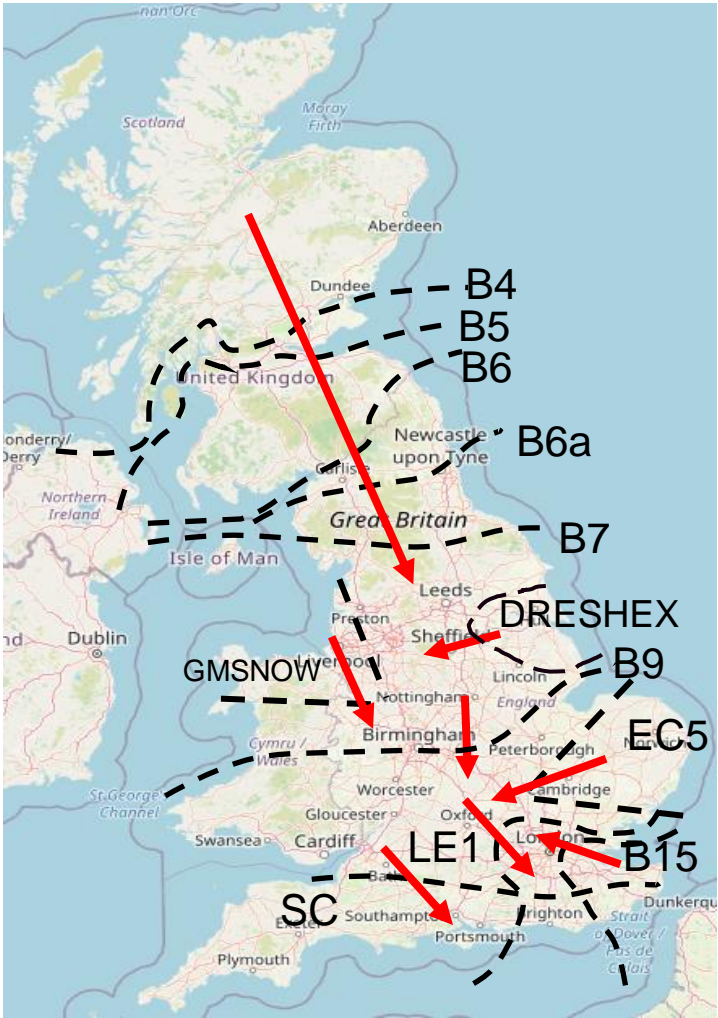
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Transparency | Network Congestion

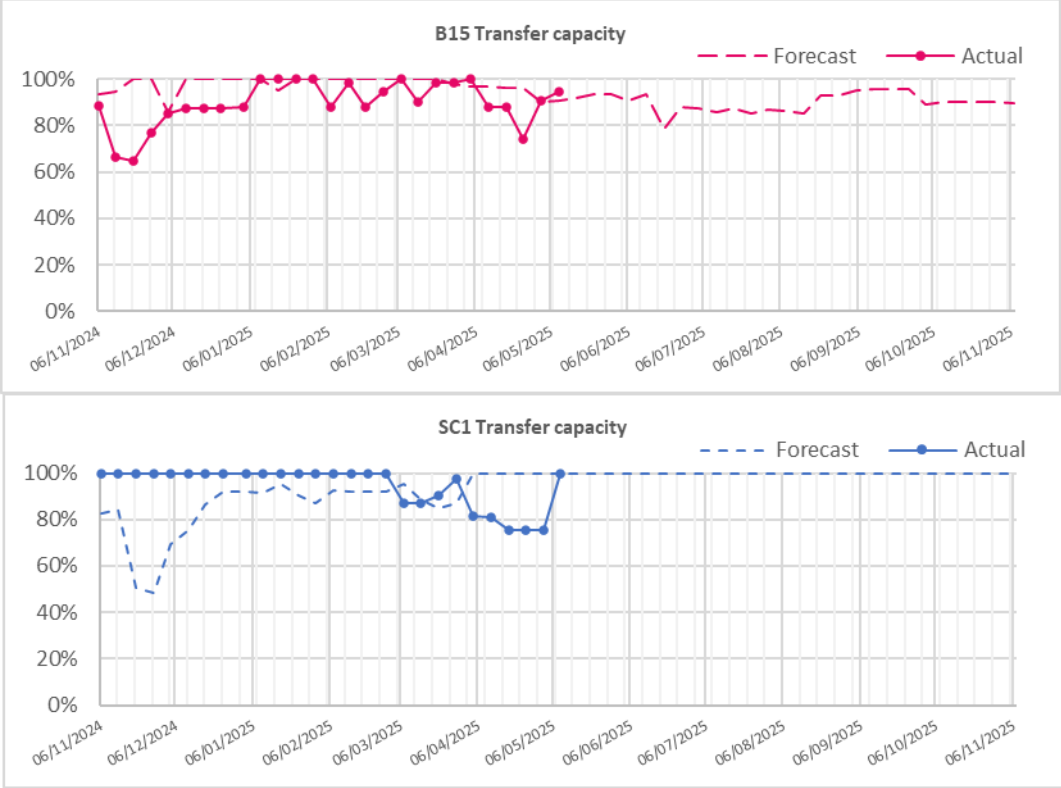


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SC1	7300	100%

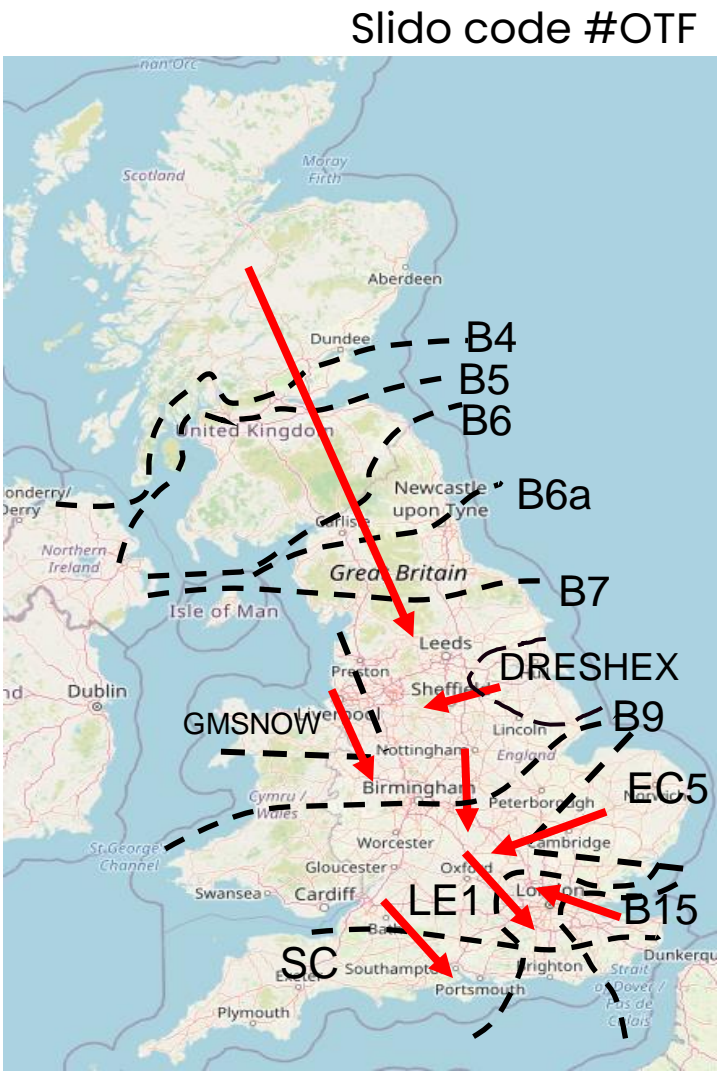


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Transparency | Network Congestion



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LE1 (SEIMP)	8750	46%
B15 (ESTEX)	7500	95%
SC1	7300	100%



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

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

Skip Rates

Datasets: We will be reissuing all published datasets to correct an inconsistency caused by treatment of marginal units. We do not expect the overall skip rate to change but some marginal units will drop out of the In Merit dataset. A note will be added to the data portal when this change.

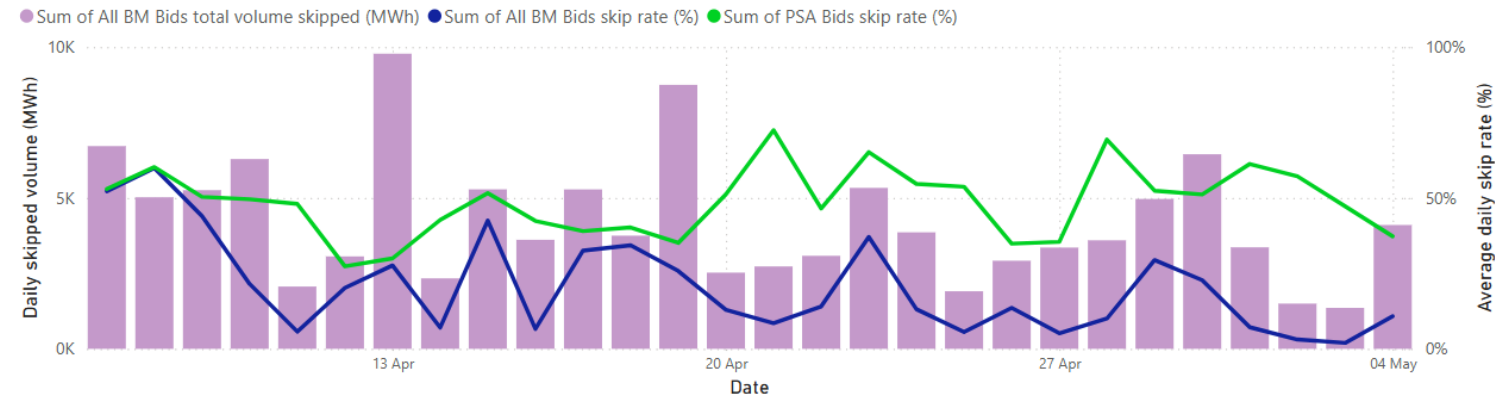
Slido code #OTF

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.

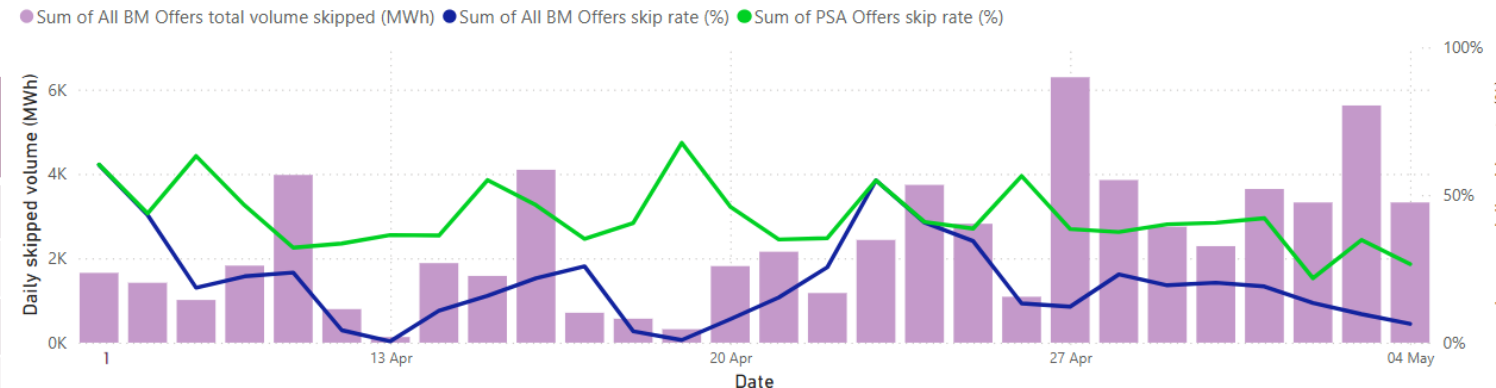
Weekly Average w/e	Offers - All BM	Offers - PSA	Bids - All BM	Bids - PSA
13/04	13%	41%	27%	41%
20/04	9%	44%	17%	41%
27/04	20%	41%	11%	49%
04/05	13%	33%	9%	51%

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)	10%	31%	9%	45%

Bids: Average Skip Rate and Total Skipped Volume (Daily)



Offers: Average Skip Rate and Total Skipped Volume (Daily)



box.SkipRates@nationalenergyiso.com

[Skip rate data](#) and more info on [skip rates](#) and [battery storage](#) including methodology.

April: Post clock change data trend has changed – potentially due to weather change (high PV and lower wind) and fewer active constraints.

Forum 1st May: Slides and recordings will be available on the skip rate website in due course.

Previously Asked Questions

Slido code #OTF

Q: (30/04/25) The Balancing Prog meeting said some parties were providing too much data. Do you have simple guide to Grid Code data required for each party type that parties can use?

A: The data submissions are defined in the data validation and consistency rules. We are not changing any data validation or consistency rules. Our aim as a programme is to adhere to the existing interface as much as possible to minimise disruption and change fatigue. Since the guidance is part of a regulatory document, issuing parallel document can cause confusion, so we don't plan to. Specifically for the EDL/EDT transition we have started to request contact details and we will be contacting each participant to discuss plans and schedules

EDT – Electronic Data Transfer: the mechanism specified for communication between Balancing Mechanism Unit (BMU) Trading Agent and the NESO Control Room/BM systems

EDL – Electronic Dispatch Logging: the mechanism specified for communication between Balancing Mechanism Unit (BMU) Control Point and the NESO Control Room/BM systems

Previously Asked Questions

Q: (16/04/25) Why does NESO not raise a rule change to require DNOs to publish data on actual solar and wind output on their systems? Then we could see real demand not TO demand.

A: There's a strong commitment within NESO towards addressing market participants' requests for increased transparency from the industry, including Distribution Network Operators (DNOs).

Data Sharing and Transparency are foundational pillars for industry collaboration and proxies for unleashing value to our end-users and consumers. We recognise that these data transparency requests are legitimate, and it is crucial that they are neither ignored nor overlooked.

To address this, we are currently shaping a proposal that leverages existing governance forums. This proposal aims to provide a structured pathway for industry entities to escalate data-sharing and transparency requests. By doing so, we can ensure that these requests are addressed promptly and progressed accordingly. This proposal will need further approval, and we'll keep you updated on next steps.

Q: (30/04/2025) Re skips – if ICs tripped and a large volume of offers taken, are those skips or merit actions (taking account of dynamics)?

A: This refers to Sunday 27th April and we are still investigating.

Outstanding Questions

Slido code #OTF

Q: (29/01/25) 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 need clarification on some points in order to provide an answer to this question. If this was from your question please contact us at: box.nc.customer@nationalenergyso.com

Q: (02/04/25) 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: (09/04/25) 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

Feedback

Slido code #OTF

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

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

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

slido



Audience Q&A

① Start presenting to display the audience questions on this slide.

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@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.

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).