

You have been joined in listen only mode with your camera turned off

Live captioning is available in Microsoft Teams

- Click on the 3 dots icon / 'More'
- Click 'Turn on live captions'

ESO Operational Transparency Forum

19 June 2024

## Introduction | Sli.do 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 ESO) and we will not comment on these challenges. This type of concern can be reported to the Market Monitoring team at: [marketreporting@nationalgrideso.com](mailto:marketreporting@nationalgrideso.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@nationalgrideso.com](mailto:box.NC.customer@nationalgrideso.com)

**Stay up to date on our webpage:** <https://www.nationalgrideso.com/OTF> (OTF Q&A is published with slidepacks)

## Future deep dive / focus topics

### Today

No deep dives today

### Future

OTF survey outcomes and report – 26<sup>th</sup> June

Pathfinders – 10<sup>th</sup> July

Fault Ride Through – July

Mandatory services – TBC

If you have suggestions for future deep dives or focus topics please send them to us at:  
[box.NC.customer@nationalgrideso.com](mailto:box.NC.customer@nationalgrideso.com) and we will consider including them in a future forum

## Changes to Short Term Operating Reserve (STOR) Procurement Requirement

- For the STOR MW auction, it is currently set as **1,210MW** (excluding long term contract volume of **390MW**).
- Following a recent review, the new daily procurement is **1,310MW**.
- The long term contracted STOR volume will remain unchanged.
- We will change the requirement for auction on **1<sup>st</sup> July 2024** and for delivery on **2<sup>nd</sup> July 2024**.
- We publish STOR requirements in our daily procurement platform [here](#).
- For more information about STOR please visit the page [here](#).

## Reminder – PN inaccuracy

**The consultation period on PN inaccuracy will end on Wednesday 26<sup>th</sup> June.**

The Draft Guidance Note has now been published on the Balancing Costs webpage: [Balancing costs | ESO \(nationalgrideso.com\)](https://nationalgrideso.com/balancing-costs)

Email us with your views on the Guidance Note at: [MarketReporting@nationalgrideso.com](mailto:MarketReporting@nationalgrideso.com) and one of our team members will get in touch.

Key Dates are outlined below:

**Consultation Closes:** 26/06/2024

**Intended Date for Final Guidance Note Publication:** Early July 2024





## Quick Reserve – Phase 1

We are pleased to confirm that we will launch the EBR Article 18 consultation for the new Quick Reserve Phase 1 (BM only) service during the week commencing **24 June 2024**. This is later than we had previously communicated to industry due to the additional feedback received on the service and procurement design which we have taken time to carefully consider and discuss with providers before proceeding.

Delivery of Quick Reserve Phase 1 service is planned to launch with the first auction on or around **28 November 2024** based on a decision from the authority on or around 1 November 2024.

We would like to thank industry stakeholders for your patience and continued support as we progress with delivery of our suite of new reserve reform products.

# Implementation of 120 GVA.s Minimum Inertia Policy

## – Phase 2 of FRCR 2023 Policy

FRCR 2023 Full Report and other Documents, please go to [ESO website](#)

- FRCR 2023 Phase 1 of reducing minimum inertia policy to 130 GVA.s was implemented on 28<sup>th</sup> February 2024.
- FRCR 2023 Phase 2 of **reducing minimum inertia policy to 120 GVA.s is implemented today, 19<sup>th</sup> June 2024.**

# The Future of the Operability Strategy Report (OSR)

The Operability Strategy Report (OSR) has focused on our strategy for meeting the challenges of running the electricity system at zero carbon for short periods of time in 2025.

As we look ahead to operating a net zero electricity system, we are exploring how we might improve the OSR to ensure it best communicates operability challenges and forward strategy.

## We are seeking your views on the future of the OSR

We are seeking feedback from OSR users to support our work to improve the OSR. In particular, we are keen to understand:

- What do you find most useful about the current OSR?
- What would you like to see in future OSR publications?
- Are there any parts of the OSR that you do not find useful?
- Can you easily find the OSR on the ESO website?



If you would like to share your thoughts on the future of the OSR please complete this short [survey](#) by Friday 5<sup>th</sup> of July

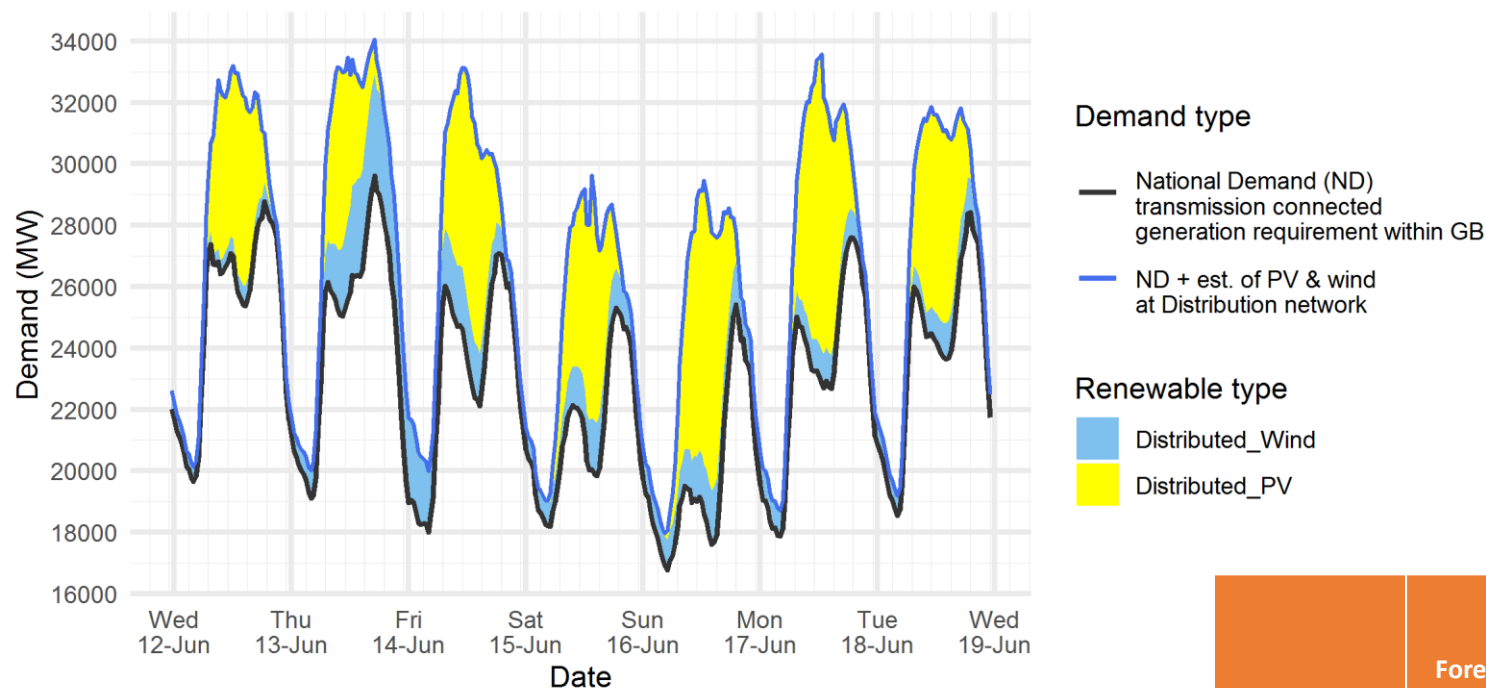


## Future Event Summary

Event	Date & Time	Link
Demand Flexibility Service Update and Evolution Service Design Proposal ( <b>Q&amp;A &amp; Feedback - Session 3</b> )	20 <sup>th</sup> June 2024 13:00-15:00	<a href="#">Sign up here</a>
Balancing Programme – <b>London</b>	27 <sup>th</sup> June 2024 9:30-17:30	<a href="#">Sign up here</a>

# Demand | Last week demand out-turn

ESO National Demand outturn 12-18 June 2024



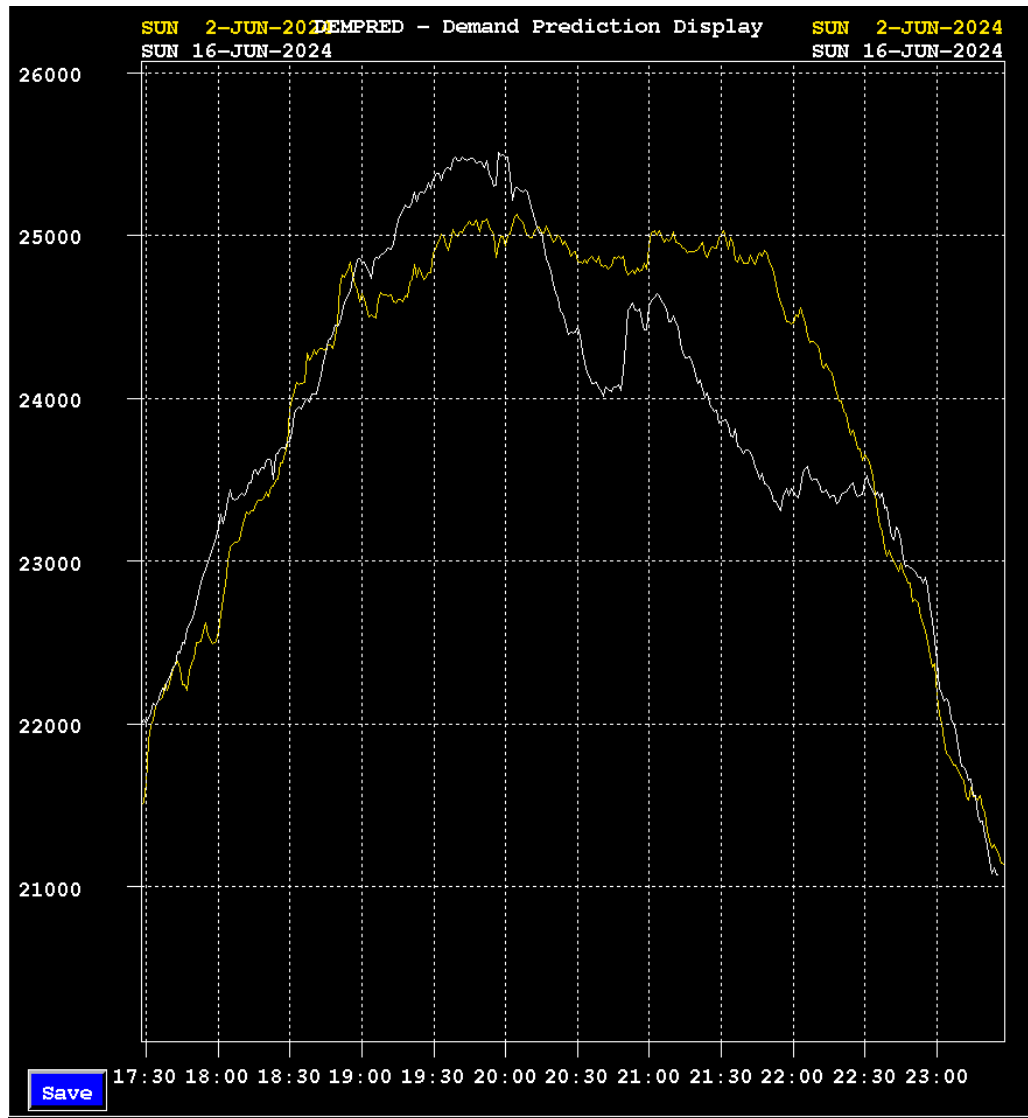
The black line (National Demand ND) is the measure of portion of total GB customer demand that is supplied by the transmission network. ND values do not include export on interconnectors or pumping or station load

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 ESO has no real time data.

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

Date	Forecasting Point	FORECAST (Wed 12 Jun)			OUTTURN		
		National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)	National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)
12 Jun 2024	Afternoon Min	24.6	0.7	6.0	25.4	0.7	6.1
13 Jun 2024	Overnight Min	18.6	0.8	0.0	19.1	0.9	0.0
13 Jun 2024	Afternoon Min	25.7	3.1	2.8	26.3	3.0	3.6
14 Jun 2024	Overnight Min	17.9	2.2	0.0	18.0	2.0	0.0
14 Jun 2024	Afternoon Min	21.9	1.9	6.4	22.1	1.7	6.7
15 Jun 2024	Overnight Min	18.1	0.8	0.2	18.2	0.8	0.3
15 Jun 2024	Afternoon Min	18.7	1.8	6.0	19.8	1.7	6.1
16 Jun 2024	Overnight Min	16.6	1.2	0.2	16.8	1.0	0.3
16 Jun 2024	Afternoon Min	17.9	1.6	7.3	17.6	1.8	8.4
17 Jun 2024	Overnight Min	17.8	0.8	0.0	17.9	0.8	0.0
17 Jun 2024	Afternoon Min	22.2	1.0	7.5	22.7	1.1	7.3
18 Jun 2024	Overnight Min	19.0	0.5	0.0	18.6	0.6	0.0
18 Jun 2024	Afternoon Min	23.0	0.8	7.2	23.6	1.2	6.3

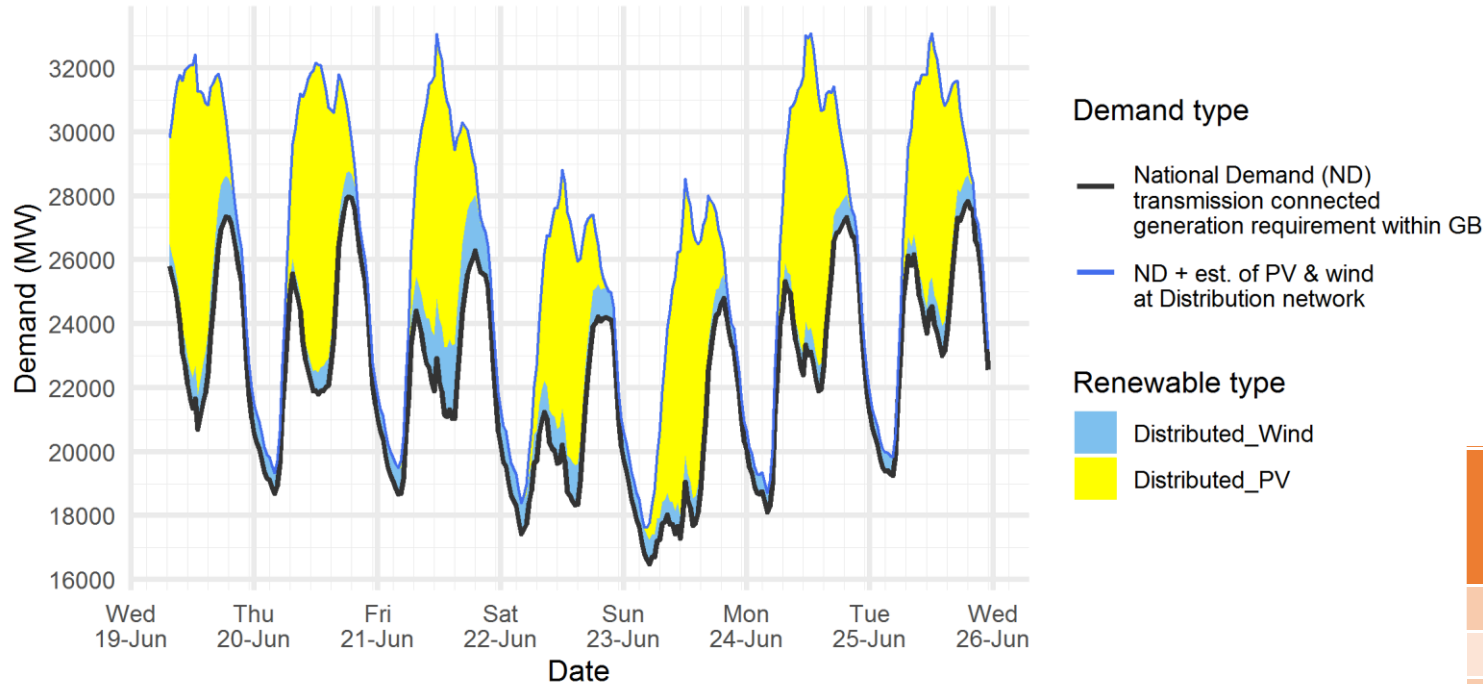
# Demand | Serbia v England : EUROS : Sunday 16<sup>th</sup> June 2024



- 20:00 Match Start
- 20:13 Jude Bellingham scored
- 20:45 Half time : Pickup of ~500MW
- 21:05 Second Half begins
- 21:55 Full time : Pickup of ~250MW

# Demand | Week Ahead

ESO Demand forecast for 19-25 June 2024



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

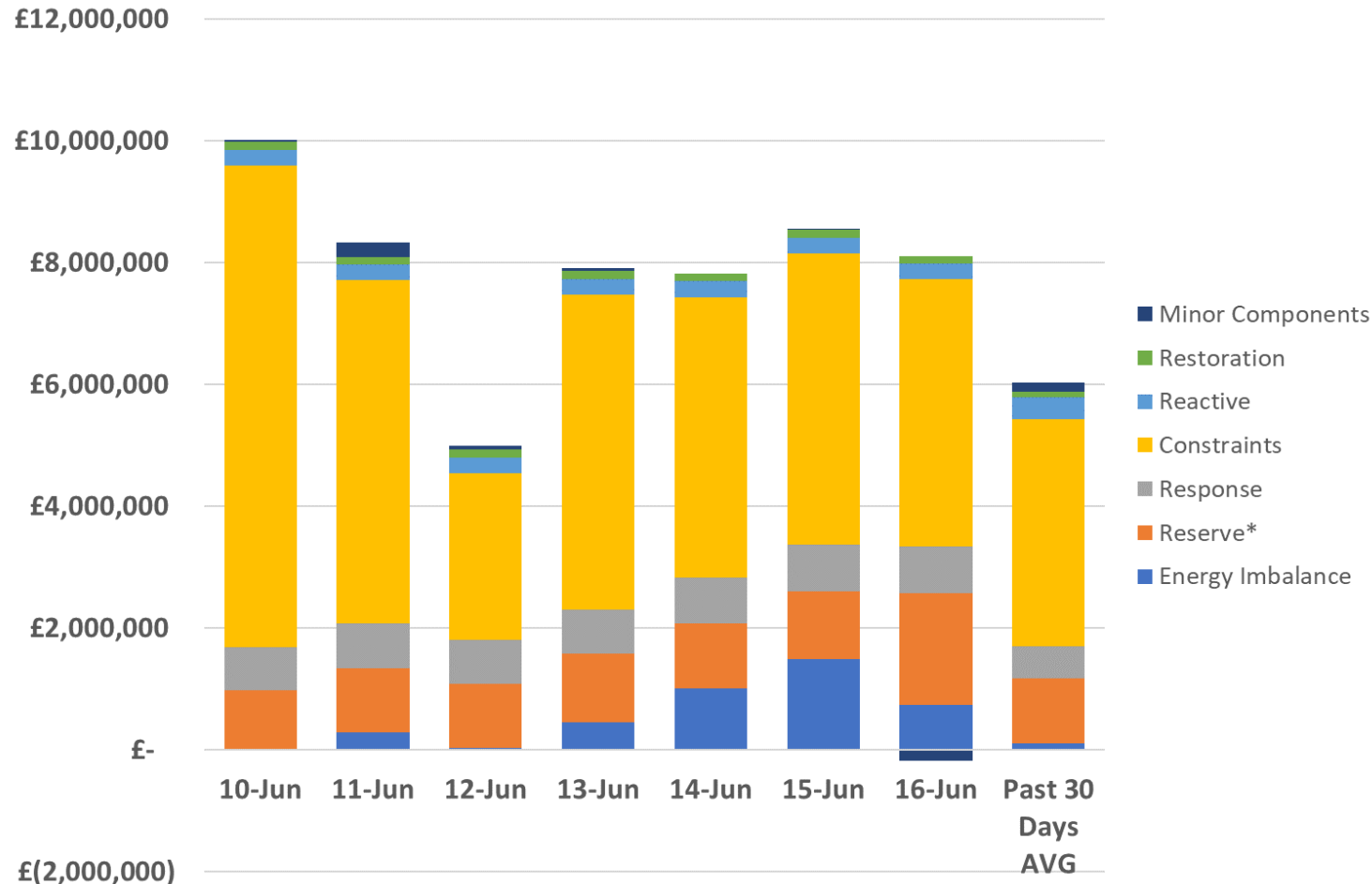
ND values do not include export on interconnectors or pumping or station load

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 ESO has no real time data.

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

		FORECAST (Wed 19 Jun)		
Date	Forecasting Point	National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)
19 Jun 2024	Afternoon Min	20.7	1.1	9.5
20 Jun 2024	Overnight Min	18.7	0.6	0.0
20 Jun 2024	Afternoon Min	21.8	0.7	9.6
21 Jun 2024	Overnight Min	18.7	0.8	0.0
21 Jun 2024	Afternoon Min	21.0	2.3	6.1
22 Jun 2024	Overnight Min	17.4	0.9	0.0
22 Jun 2024	Afternoon Min	18.3	1.2	6.8
23 Jun 2024	Overnight Min	16.5	0.8	0.5
23 Jun 2024	Afternoon Min	17.7	0.8	8.4
24 Jun 2024	Overnight Min	18.1	0.6	0.0
24 Jun 2024	Afternoon Min	21.9	0.8	8.4
25 Jun 2024	Overnight Min	19.3	0.6	0.0
25 Jun 2024	Afternoon Min	23.0	0.9	7.1

## ESO Actions | Category costs breakdown for the last week

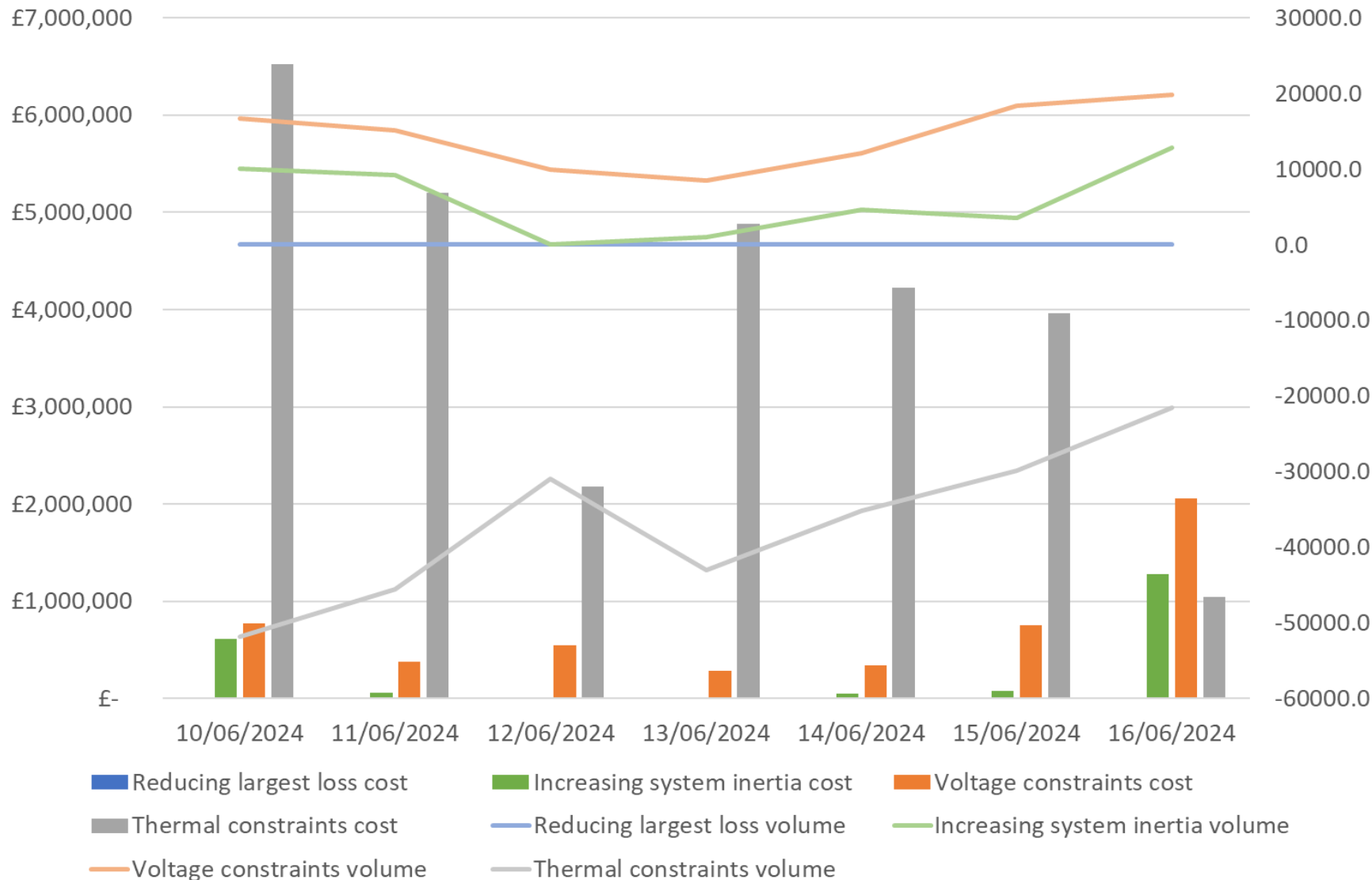


Constraints and Reserve costs were the key cost component for the week.

Please note that all the categories are presented and explained in the MBSS.

**Data issue:** Please note that due to a data issue on a few days over the last few months, the Minor Components line in Non-Constraint Costs is capturing some costs on those days which should be attributed to different categories. It has been identified that a significant portion of these costs should be allocated to the Operating Reserve Category. Although the categorisation of costs is not correct, we are confident that the total costs are correct in all months. We continue to investigate and will advise when we have a resolution.

# ESO Actions | Constraint Cost Breakdown



**Thermal – network congestion**  
Actions were required to manage thermal constraints throughout the week.

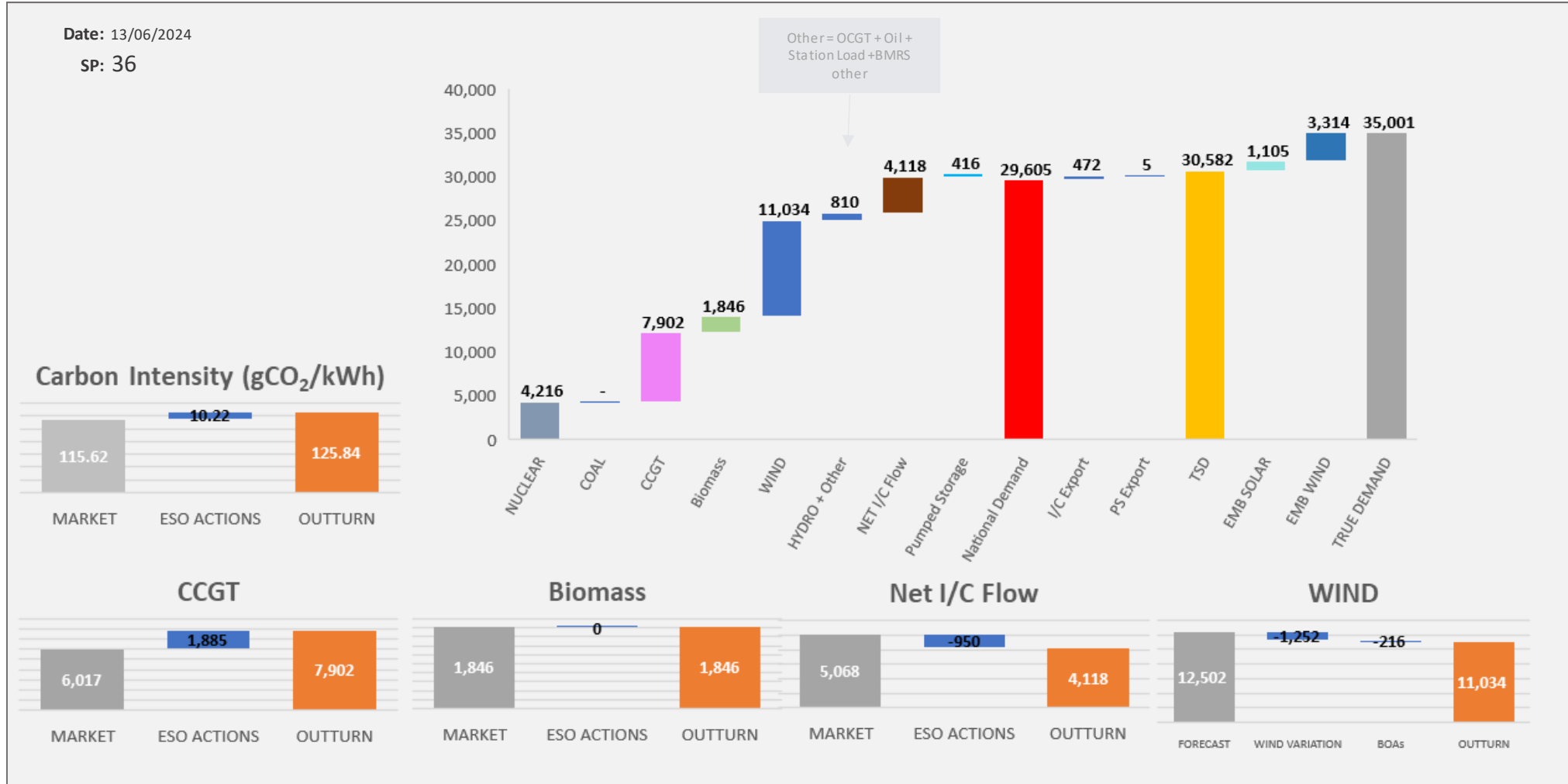
**Voltage**  
Intervention was required to manage voltage levels throughout the week.

**Managing largest loss for RoCoF**  
No intervention was required to manage largest loss.

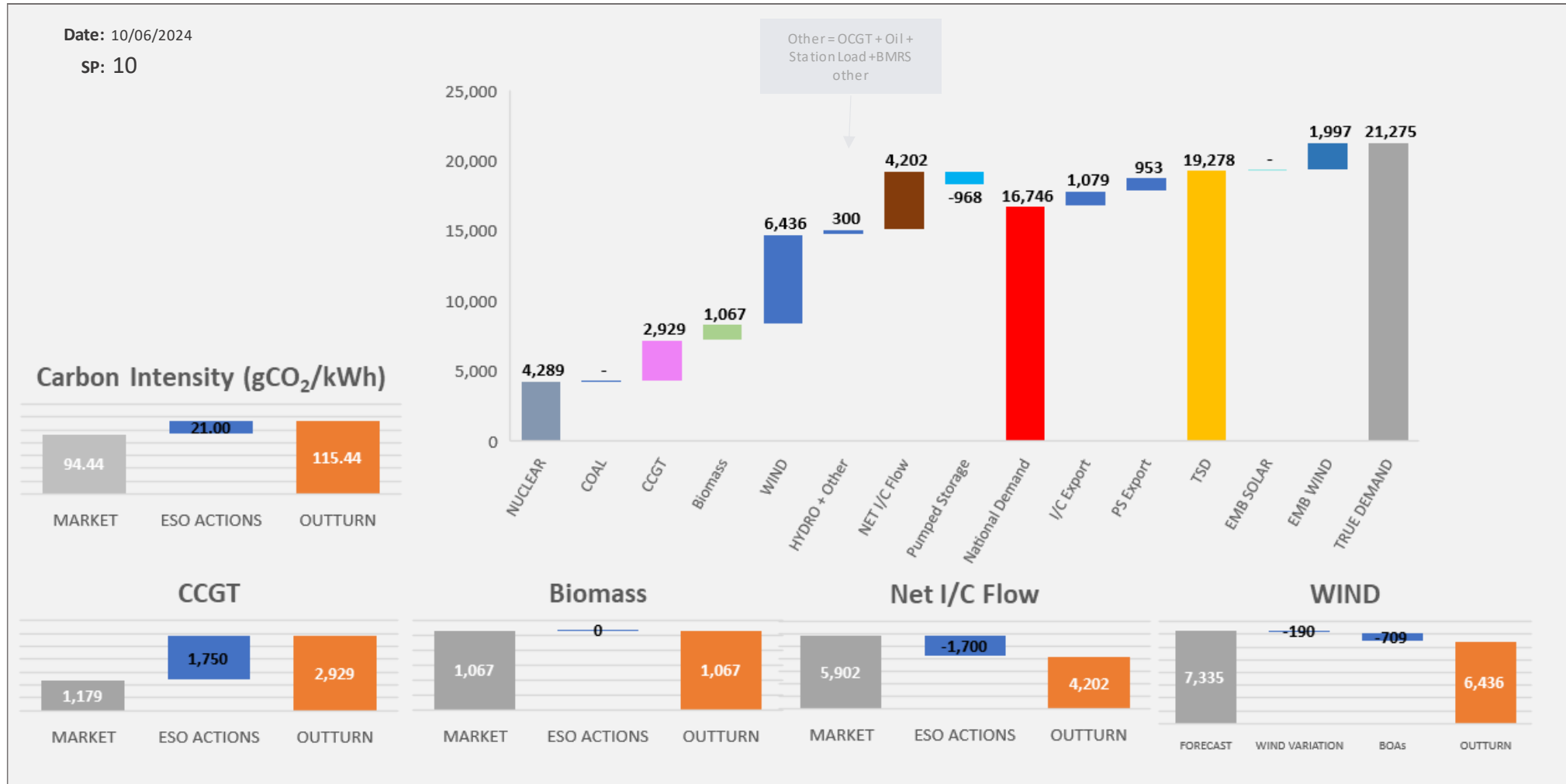
**Increasing inertia**  
Intervention was required to manage System Inertia all week except for Wednesday.



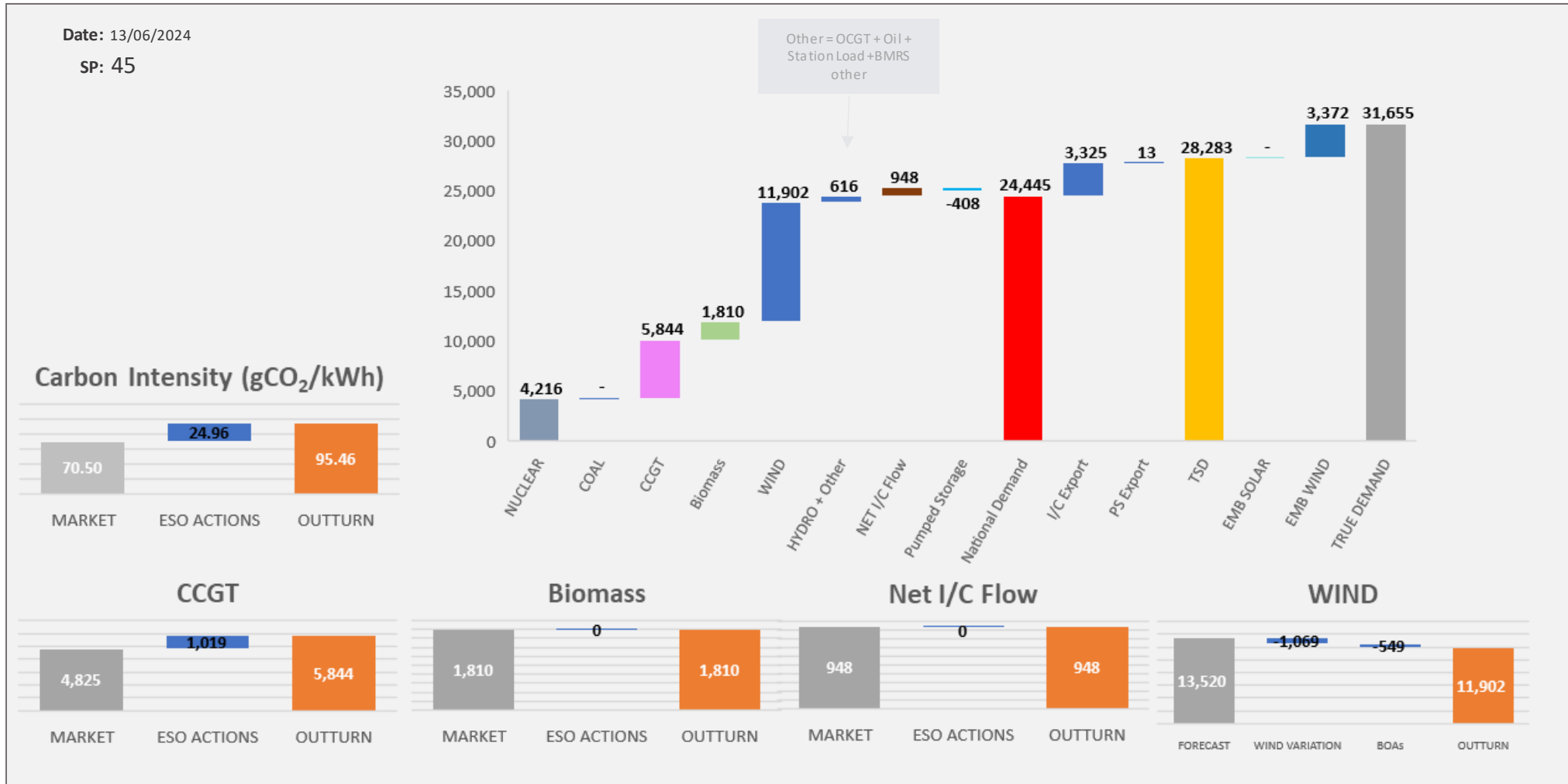
# ESO Actions | Thursday 13 June – Peak Demand – SP spend ~£175k



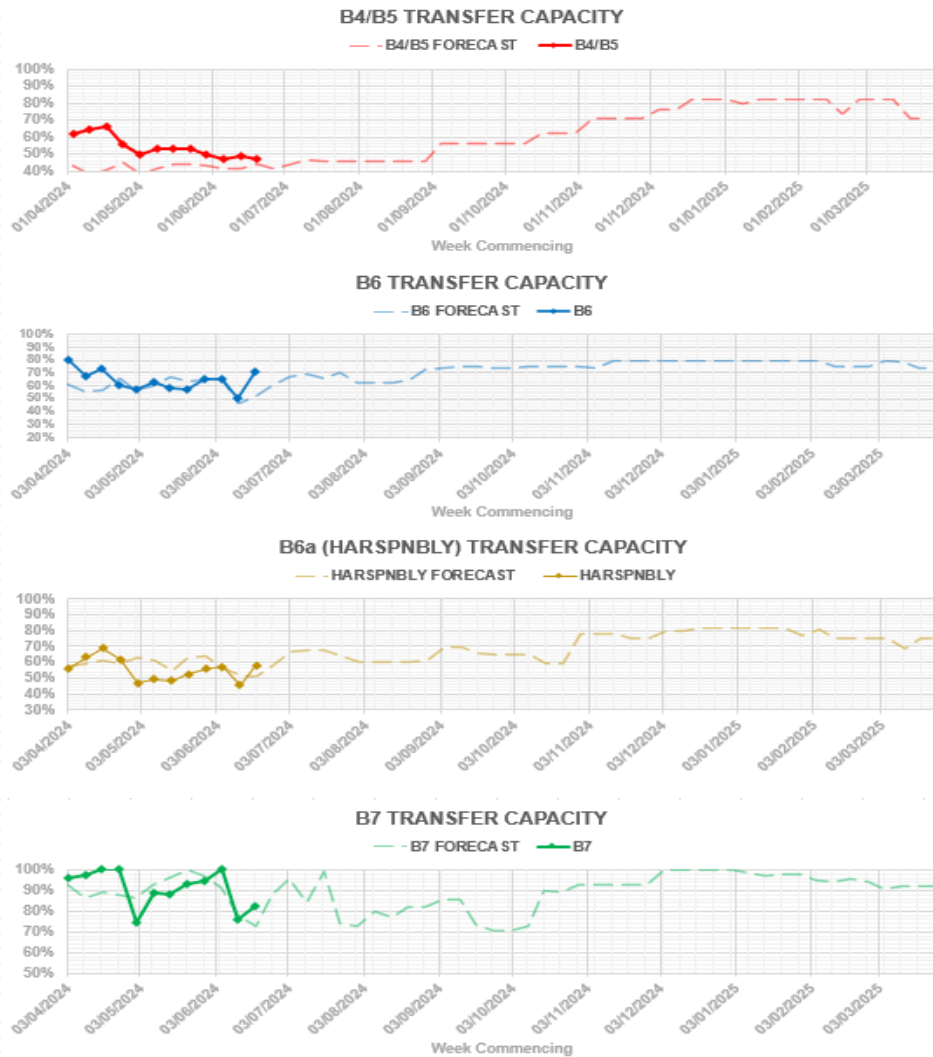
# ESO Actions | Monday 10 June – Minimum Demand – SP Spend ~£191k



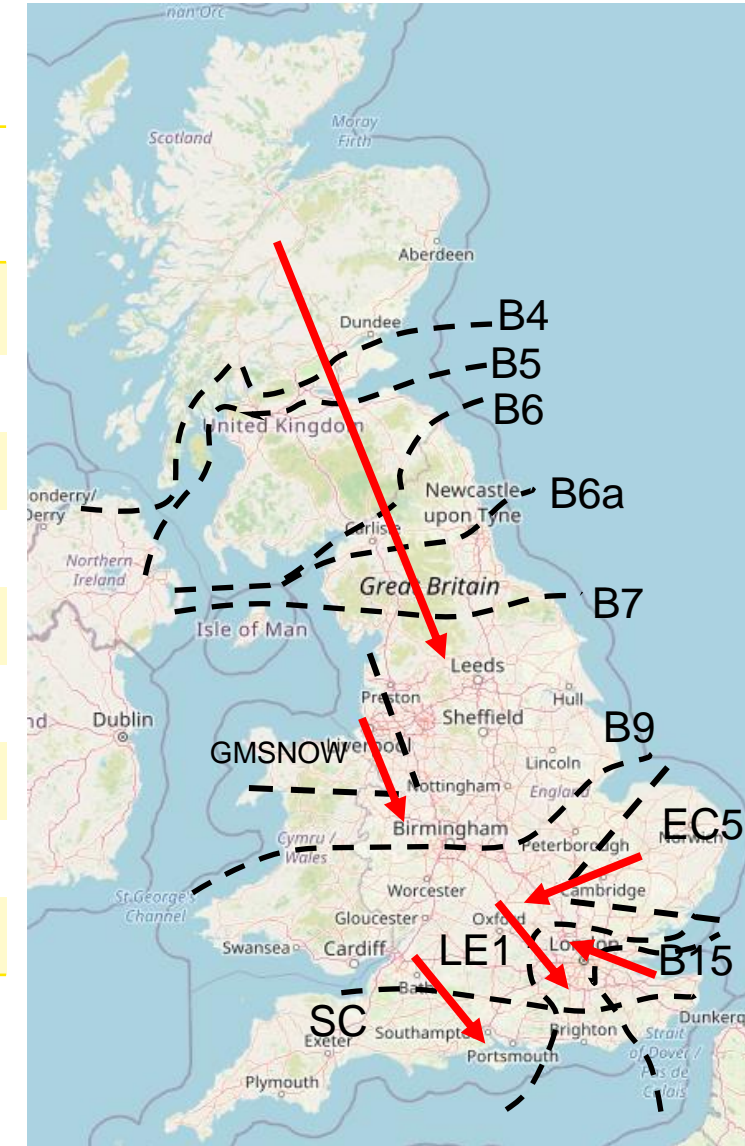
# ESO Actions | Thursday 13 June – Highest SP Spend ~£240k



# Transparency | Network Congestion



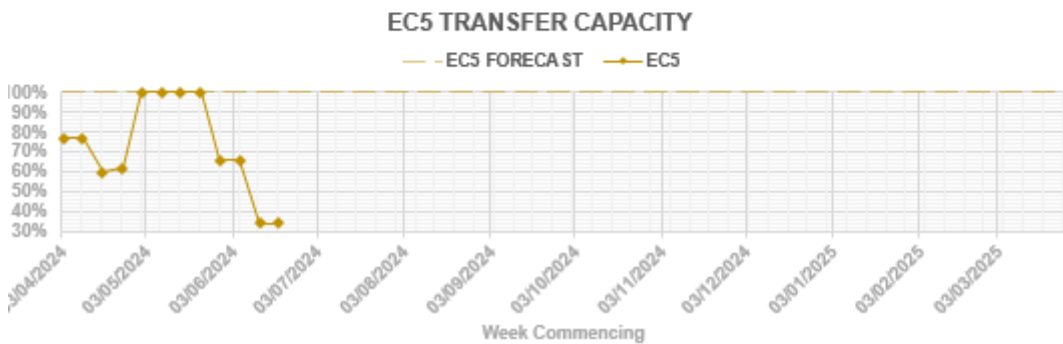
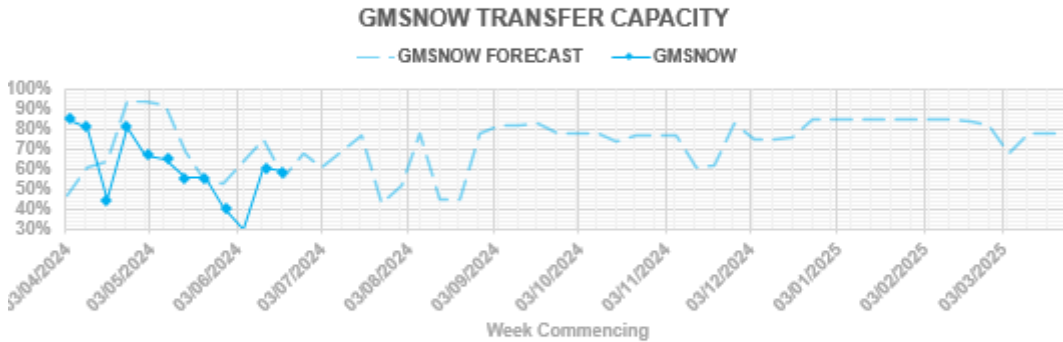
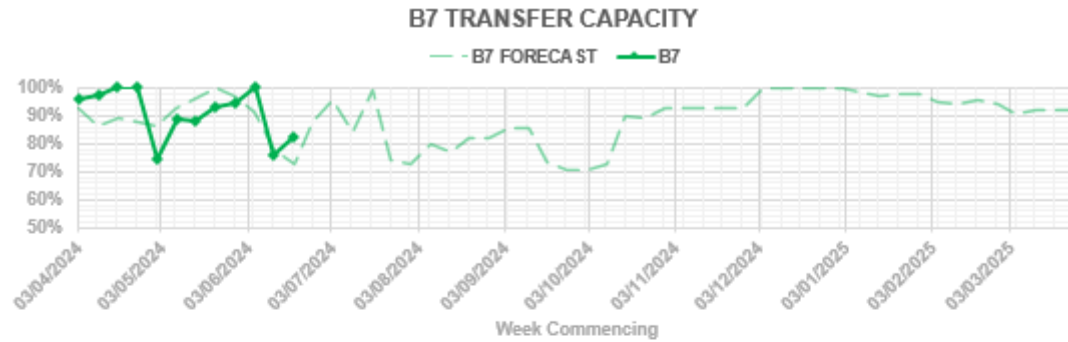
Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	47%
B6 (SCOTEX)	6800	71%
HARSPNBLY	8000	58%
B7 (SSHARN)	8325	82%
GMSNOW	4700	59%
EC5	5000	34%
LE1 (SEIMP)	8500	72%
B15 (ESTEX)	7500	79%
SC	7300	100%



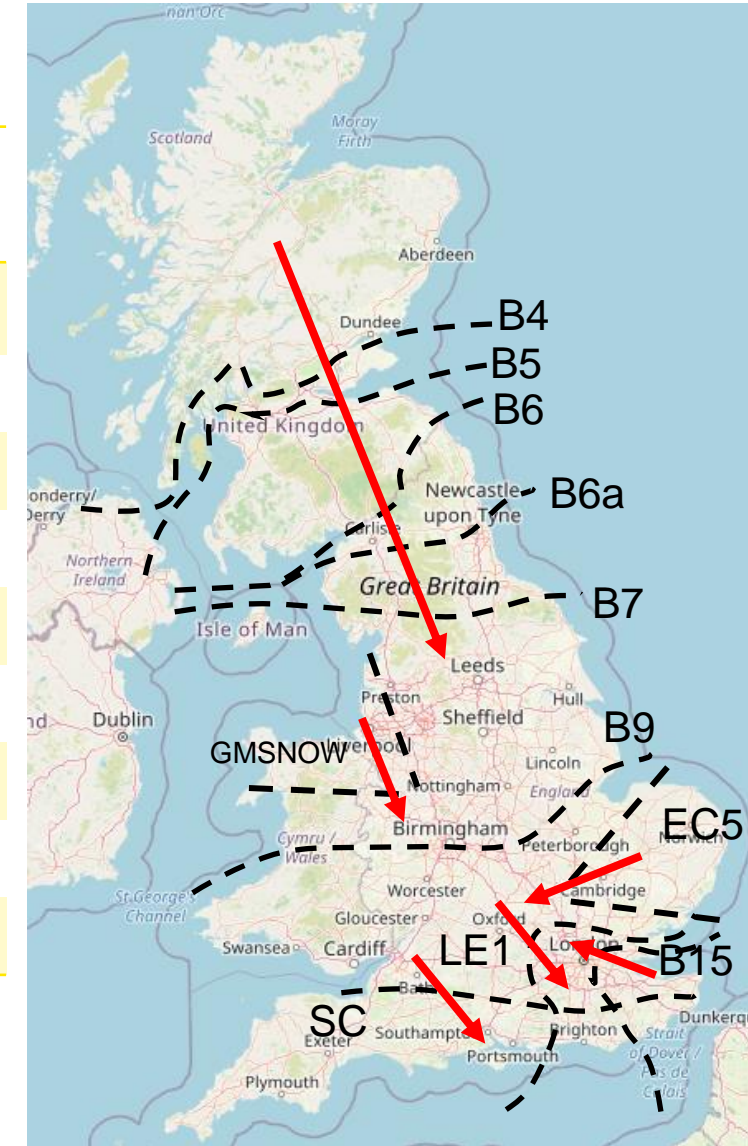
Day ahead flows and limits, and the 24-month constraint limit forecast are published on the ESO Data Portal:

[Constraints Management](#)

# Transparency | Network Congestion



Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	47%
B6 (SCOTEX)	6800	71%
HARSPNBLY	8000	58%
B7 (SSHARN)	8325	82%
GMSNOW	4700	59%
EC5	5000	34%
LE1 (SEIMP)	8500	72%
B15 (ESTEX)	7500	79%
SC	7300	100%

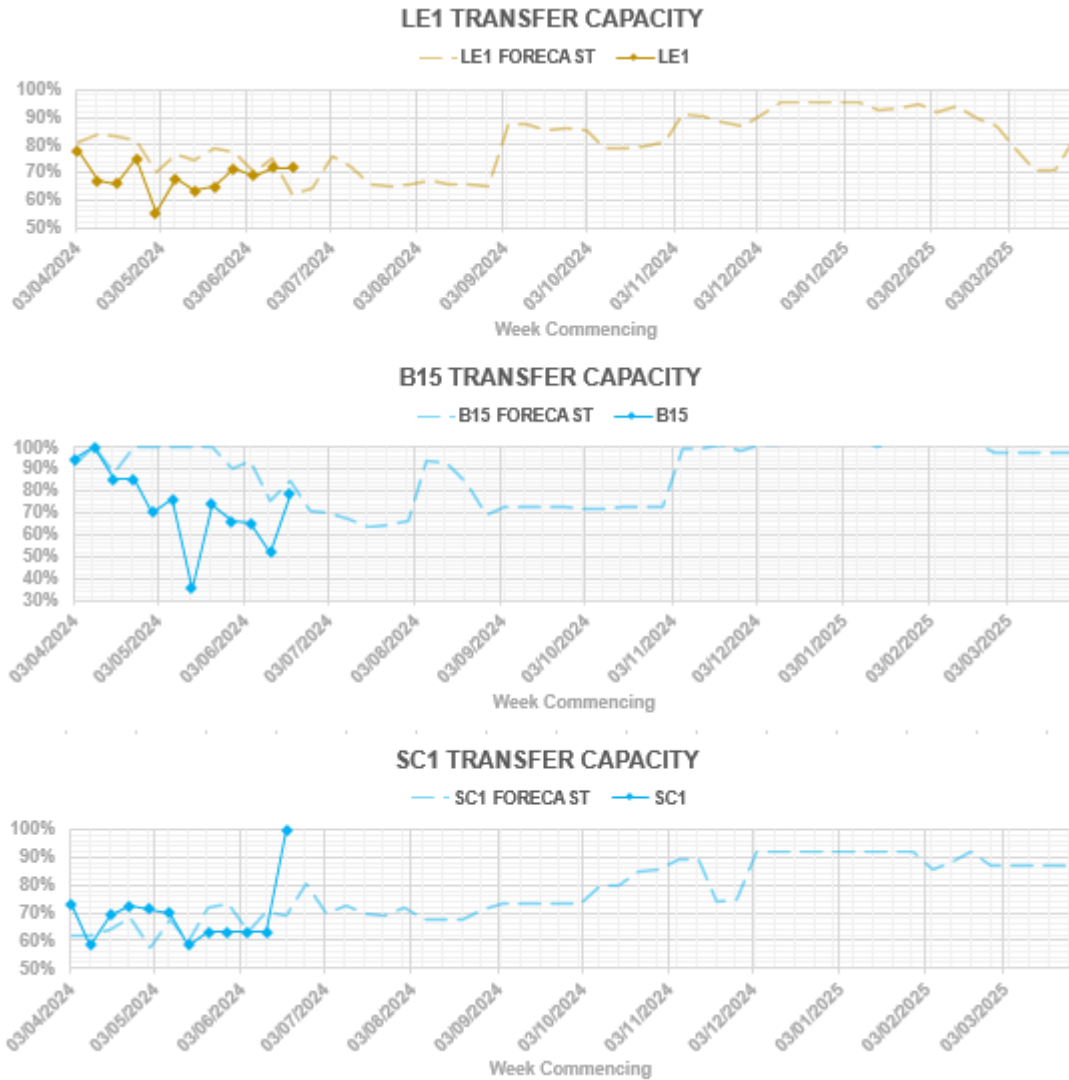


Day ahead flows and limits, and the 24-month constraint limit forecast are published on the ESO Data Portal:

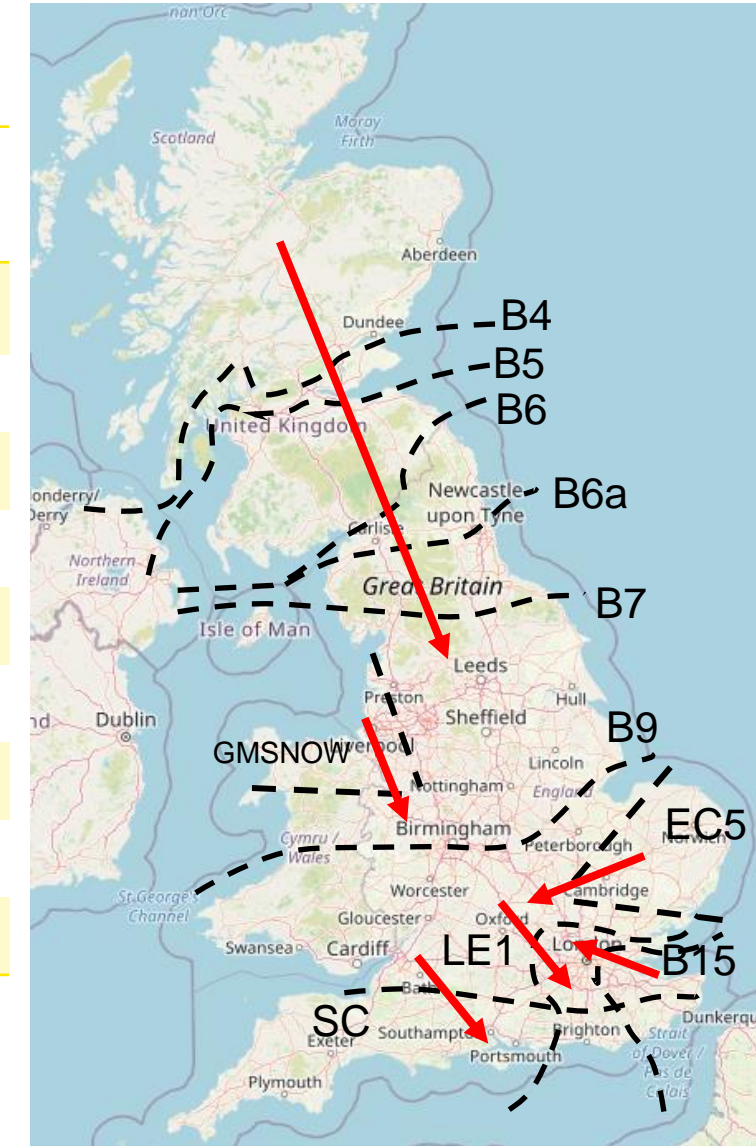
[Constraints Management](#)



# Transparency | Network Congestion



Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	47%
B6 (SCOTEX)	6800	71%
HARSPNBLY	8000	58%
B7 (SSHARN)	8325	82%
GMSNOW	4700	59%
EC5	5000	34%
LE1 (SEIMP)	8500	72%
B15 (ESTEX)	7500	79%
SC	7300	100%



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



## Previously asked questions

Q: Do you have a figure of how much these 25% PN inaccuracies have cost consumers over the years?

A: In terms of direct costs associated with wind FPN inaccuracies and the over-stating of FPNs, the ESO has calculated this cost £14million in 2023. There are also associated indirect costs, such as excess procurement of reserve to deal with the inaccurate view of scheduled generation. Our analysis found this figure was £50million last year.

The issue of inaccurate PNs has been persistent and increasing in severity and cost, which is why we are taking additional steps to achieve improvements in the accuracy of submissions. We are taking feedback from industry on our recently published draft guidance note until Wednesday 26 June.

Q: What was the emergency assistance yesterday (11/06/2024) about and how much did it cost ?

A: Due to short notice change in requirements, ESO was unable to trade to resolve a network security issue via Intraday market trading. As a result, Emergency Assistance was required to maintain System Security requirements. The cost resulting from this is reflected in the ESO BSAD reports.

## Previously asked questions

Q: Can ESO clarify the rules around participation in "mandatory" services (ORPS, LFSM, MFR, etc) for newer asset classes (esp. batteries, peakers) who may be T or D connected, may be under BEGA or BCA, may be licensed generators or not, may have (or not) a Mandatory Services Agreement, etc.

A: Thank you for your enquiry. We will do a deep dive on this in the future.

## Outstanding questions

Q: Why has the platform for ancillary services been under maintenance 1-2 days every week for the last month? Surely this is not what Ofgem expects?

Q: Do you have a timescale for how long the system constraint in the South-East will last?

A: We are working on detailed responses to these two questions.

## Reminder about answering questions at the ESO 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 ESO) and we will not comment on these challenges. This type of concern can be reported to the Market Monitoring team at: [marketreporting@nationalgrideso.com](mailto:marketreporting@nationalgrideso.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.nationalgrideso.com/what-we-do/electricity-national-control-centre/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 ESO 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 is disabled**

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

# Feedback

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

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

If you have any questions after the event, please contact the following email address:  
[box.NC.Customer@nationalgrideso.com](mailto:box.NC.Customer@nationalgrideso.com)



Publicly available

# Appendix

# Participation in the Operational Transparency Forum

Thank you to everyone who participates in the OTF, whether you join weekly, monthly, on specific occasions or follow up with the webinar recordings and published slides. We hear from participant feedback and our ESO colleagues that all of us value the opportunity to share information, ask questions and share the answers.

One of the reasons this format works so well is the professional courtesy we see demonstrated every week.

However, in recent weeks there have been some Slido questions and comments in the Q&A session directed at specific market participants suggesting their actions are not appropriate. This is concerning because:

- The statements are being made in a public forum without the opportunity to reply
- The negative comments may impact these businesses directly, or indirectly e.g.: through social media, etc.
- The individuals asking questions could not be traced using the details provided in Slido

**The OTF is not the place to challenge the actions of individual parties** (other than the ESO) and we will not comment on these challenges. This type of concern can be reported to the Market Monitoring team at:

[marketreporting@nationalgrideso.com](mailto:marketreporting@nationalgrideso.com)

**Remember**, if you have reasons to remain anonymous to the wider forum, or have concerns your question may not be one to ask in public, you can use the advance questions or email options.

# Purpose and scope of the ESO Operational Transparency Forum

## Purpose

The Operational Transparency Forum runs once a week to provide updated information on and insight into the operational challenges faced by the control room in the recent past (1-2 weeks) and short term future (1-2 weeks). The OTF will also signpost other ESO 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  
ESO operational approach & challenges  
ESO 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 ESO Control Room actions & decision making  
Activities & operations of particular market participants  
ESO policy & strategic decision making  
Formal consultations e.g.: Code Changes, Business Planning, Market development

# Managing questions at the ESO Operational Transparency Forum

- 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@nationalgrideso.com](mailto:box.NC.Customer@nationalgrideso.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 | ESO \(nationalgrideso.com\)](#)
- **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 ESO 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

# NESO Information Request Statement

## The Energy Act 2023 and the power to request information.

Section 172 of The Energy Act 2023 provides NESO, as the Independent System Operator and Planner, with the power to require information, from anyone carrying out a relevant activity, to allow it to carry out any of its functions. This power will come into effect once NESO is operational.

In advance of this we are consulting on what the Information Request Statement will contain and what an Information Request issued by NESO may look like.

## The Information Request Statement and Notice.

The Statement will be available on our website and will contain sections on why a request has been issued, the process of responding to a request, what happens if a recipient does not provide the information and how we will manage any data provided. A draft template of an Information Request Notice is also shared on our website.

## The Consultation

We are running a consultation from **May 3<sup>rd</sup> to May 31<sup>st</sup>** which can be found at <https://www.nationalgrideso.com/what-we-do/how-we-operate/information-request-statement-consultation> and would welcome feedback from across industry to make sure we develop a statement which is clear and accessible.

Following the consultation period Ofgem will determine if the draft Statement is approved or if any changes are necessary.