

Public

NESO Operational Transparency Forum

29 April 2026

Welcome to the Operational Transparency Forum!

You are in listen-only mode with your camera turned off.

Live Captioning Available. To enable live captions in Microsoft Teams:

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

Key Points

Slido code #OTF

- **Ask Questions and give feedback:** Use **Sli.do event code #OTF**.
- **Submit early:** Ask questions early to give our experts time to answer.
- **No Edits:** Don't edit questions after submission; submit a new question, if needed.
- **Identify Yourself:** Provide your name or organization. Anonymous questions won't be answered live. If you have reasons to remain anonymous to the wider forum, please use the advance question or email options below.
- **Report Concerns:** Report concerns to the Market Monitoring team at marketreporting@neso.energy.
- **Question Order:** Questions are answered in upvoted order. Some may be taken away or answered later.
- **Sli.do Open:** Sli.do remains open **until 12:00** for maximum question opportunities. After that please use the advance questions or email options below.
- **Q&A:** All questions are recorded & published. Unanswered questions will be included in the next slide pack.
- **Ask questions anytime** whether for inclusion in the forum or individual response through our [Advance Questions form](#) or at: box.nc.customer@neso.energy.
- **Stay Updated:** Visit our webpage at: <https://www.neso.energy/what-we-do/systems-operations/operational-transparency-forum> for updates and previous OTF material.

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

Deep dive sessions

**** Impromptu explainer into zero carbon operation and two other records ****

Today

- Summer Order of Actions
- BSUoS Tariff Reset Process Overview



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

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Future

- 6th May – Slow Reserve day-ahead procurement via Enduring Auction Capability platform Introduction to the Operability Strategy Report (OSR) and Market Roadmap
- 13th May – Elexon: Settlement processes and Voltage Reduction Testing

Network Access Planning (NAP) strategies for managing high voltage during low summer demand

This presentation from the recent [Network Access Planning \(NAP\) OC2 Forum](#) offers an overview of NAP's preparations for the upcoming summer months.

It covers the following key points:

- Increasing challenges in managing high voltage, particularly during the summer when demand is low and solar generation is high.
- Difficulties arising from changes in electricity usage, generation methods, and reactive power flows.
- Voltage control is critical for safety and regulatory compliance.
- Real-time monitoring and management are essential.
- Certain regions in Great Britain are particularly impacted

It outlines the strategies NAP is implementing to address these challenges:

- Operational measures, such as participation in reactive power markets.
- Establishment of a Voltage Task Force to manage risks in the short, medium, and long term.
- Immediate and medium-term actions, including real-time monitoring, minimum plant operation, voltage checks, and increased resources within the Balancing Mechanism.

[View the Voltage Management slides here.](#)

[View all NAP OC2 Forum slides here.](#)

EAC Auction Results – New Daily Results Files

Slido code #OTF

New Daily Results Files

The auction results for FY2025 were successfully archived on 15 April. To further improve data accessibility and usability, 4 additional daily results files will be added to the [EAC Auction Results Dataset](#) from **5 May 2026**:

- *NESO Response-Reserve Daily Results Summary*
 - *NESO Response-Reserve Daily Buy Orders*
 - *NESO Response-Reserve Daily Results By Unit*
 - *NESO Response-Reserve Daily Sell Orders*
- These datasets will be updated daily and will contain the results for the latest auction only.
 - These datasets will enable data users to access the latest auction results more easily.

Note: The four existing (cumulative) live datasets will remain unchanged.

Monthly Archiving for Sell Orders

From May 2026, *NESO Response & Reserve Sell Orders* data will be archived on **the second Tuesday of each month**.

The next 3 archive dates are **12 May 2026**, **9 June 2026**, and **14 July 2026**.

Market Notice: Change to Dynamic Containment 4-Day Forecast Publication Time

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From **5 May 2026**, the Dynamic Containment four-day forecast will be published **earlier**, after **14:00 on the day**, instead of **05:00 on the following day**. As a result, the next publication will be **after 14:00 on 5 May**, rather than **05:00 on 6 May**. The content of the data file remains unchanged.

Market participants and service providers are requested to take note of this change and ensure that any internal processes, system dependencies, or automated integrations are updated accordingly.

Data Portal Link: [Dynamic Containment 4 Day Forecast | National Energy System Operator](#)

Transmission Network Use of System (TNUoS) Tariff Model Training Workshop

In-person industry training | Hands-on | Limited places

Slido code #OTF

We are holding an in-person Transport and Tariff Model (T&T) Training Workshop, an external industry training session designed to provide participants with a comprehensive, hands-on understanding of the T&T model that we use to calculate TNUoS tariffs.

This workshop represents an opportunity for industry professionals to engage directly with our team, ask questions, and develop confidence in using the T&T model effectively for your own TNUoS Tariff analysis and scenarios.



Date: **9 June 2026**



Time: **09:30 – 16:00**



Venue: **National Energy System Operator (NESO), Faraday House, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA**

*The registration deadline is **22 May 2026**. Places will be allocated on a first come, first served basis and a confirmation of successful registration will be sent to you after the registration deadline. Please contact TNUoS.queries@neso.energy for any questions about this training.*



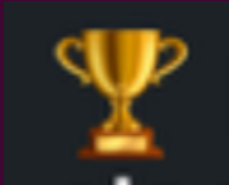
[REGISTER YOUR INTEREST HERE](#)

Future Event Summary

Slido code #OTF

Event	Date & Time	Link
DER/CER Visibility and Access Roadmap consultation closes	30 Apr (00:00)	Response Form
Operability Strategy Report and Electricity Market Roadmap survey closes	15 May (17:00)	Response Form
Short-term Stability Market feedback survey closes	30 May (23:00)	Response Form
Transmission Network Use of System (TNUoS) Tariff Model Training Workshop	9 June (9:30 – 16:00)	Register here

⁸ Check out the [NESO Events Calendar](#) for more...



Record breaking day for Great Britain's electricity system Wednesday 22 April 2026



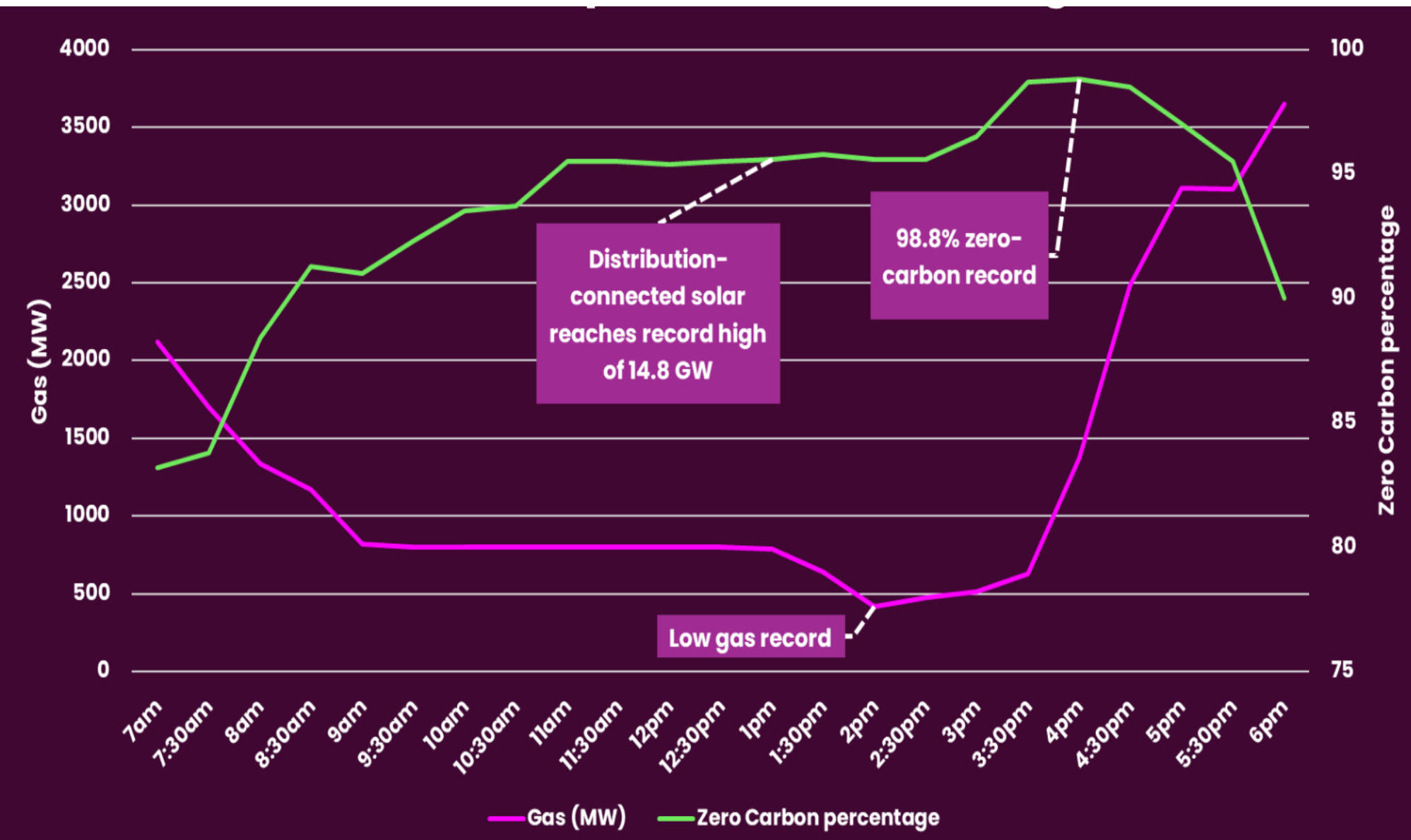
New zero-carbon record, with zero-carbon sources providing 98.8% of our electricity between 3:30 – 4pm

Gas generation reached a record low of 1.2% of the energy mix at both the transmission and distribution levels

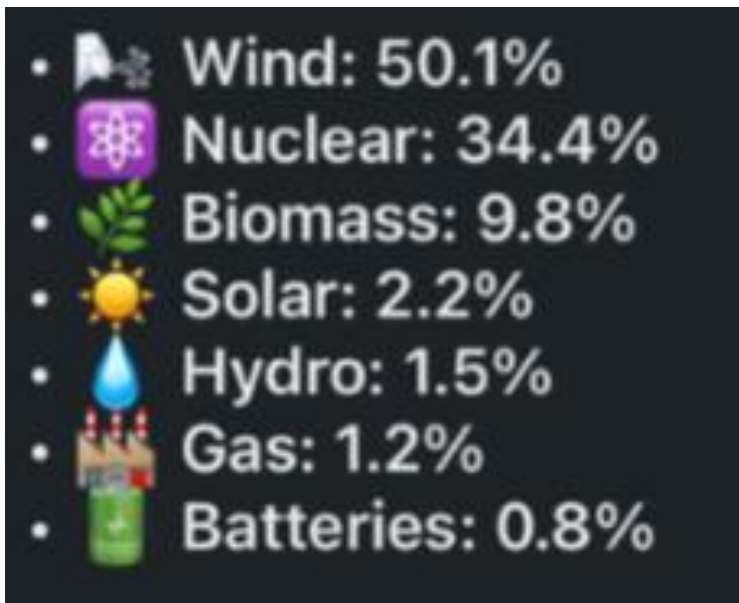
Solar also got in on the action when it provided a record 14.8GW at 12pm

Zero Carbon, Peak Solar and Low Gas Records

**Wednesday
22nd April
2026**



Calculation Explainer



These figures show **transmission connected** generation.

Distributed connected generation nets off the transmission demand at GSP (grid supply point) level.

All our ZCO calculations are aligned with Clean Power 2030 definitions as set out by Department of Net Zero and Energy Security as well as the Climate Change Committee

Summer 2026

NESO Negative Margin
Order of Actions

Context

The Order of Action is agreed by NESO Executive Leadership Team to provide a clear direction for external customers on the actions the ENCC will take to manage margins.

In the past, a Winter order of actions has been circulated focusing on positive margins, but as ENCC is encountering lower demands due to the rise in embedded generation, it is prudent to publish the actions which will be taken to manage negative margins and create additional foot room.

The 'negative margin order of action' was prepared in advance of Summer 2025 and supplements the Winter order of actions 'positive margin actions' and is summarised in the tables on the following slides:

Everyday Actions 1/2

NESO has a range of commercial and operational options available to operate the system under normal conditions.

Actions	Order	Impact
Reconfigure Transmission Network Change substation running arrangements, Tap Quad Boosters, and enhanced ratings	Normal Practice No cost	Changing daily operating conditions can result in different network configuration needs to support operations.
Review and refine negative reserve requirement on system conditions	#1 Based on Cost	Changing system conditions can relieve Or increase requirements for negative reserve. This can change at any time as system conditions change.
All deliverable Bid action on all available Balancing Mechanism (BM) participants	#1 Based on Cost	Scheduled from Day Ahead, action taken in real time & can utilise all volumes including storage.

Everyday Actions 2/2

NESO has a range of commercial and operational options available to operate the system under normal conditions.

Actions	Order	Comments
Sell energy to continental Europe on Interconnectors	#1 based on Cost	Scheduled from Day Ahead, action taken from Day Ahead to 4hrs ahead of time by NESO Traders.
Activate Super Stable Export Limit (SEL) service	#1 based on Cost	On specific plant with available contracts. Notice period required in line with contract position but scheduled from Day Ahead.
DFS (Instruct Demand Flexibility product)	#1 based on Cost	To increase transmission system demand through Demand Flexibility Service.

Enhanced Actions

If everyday actions are insufficient NESO can use a range of enhanced actions as the next priority

Actions	Order	Comments
Recall Transmission Owner (TO) assets from outage	#2	Anytime through to control room timescales, depending on ERTS (Emergency Return to Service) time, and impact on the challenge being addressed.
System Operator (SO)-SO trade	#2	SO-to-SO trade with neighbouring interconnected TSOs, options are taken in cost order.
Net Transfer Capacity (NTC) restrictions & Intraday Trading Limits	#3	Required to ensure interconnectors flows remain within operational security limits. Used as a last resort after all commercial actions and system optimisations have been taken. Can be used for margin extremes when an interconnector flow can result in an NRAPM.
Use of Emergency Assistance (EA) from other SO	#4	Enacted close to real-time. Only applicable if capacity is available on interconnectors. EA can be withdrawn at any time.

Emergency Actions

Should Enhanced Actions be insufficient, NESO has additional options available to be used in an emergency scenario

Actions	Order	Comments
Emergency Instruction to other SO	#5	Only applicable if this does not cause negative margin issues in the interconnected countries.
Emergency Instruction to DNOs and Non-BMUs to take off Distributed Energy Resources (DERs)	#6	As per GC0147, OC6.7.1 and OC6B, each Network Operator will make arrangements that will enable disconnection or reduction on output of Customers on its User System under emergency conditions irrespective of frequency within 30 minutes. It must be possible to apply the embedded generation reduction to individual or specific groups of GSP(s), as determined by NESO. The Embedded Generation shall be grouped in to blocks of 50MW each, which shall be known as disconnection blocks.
Emergency Instruction to BMUs	#7	As per BC2.9.4 EI to exporting BM Units for De Synchronising on the basis of Bid-Offer Data Submitted. This could include Nuclear units.

Negative Reserve Active Power Margin (NRAPM)

Notice to market that plant may be requested to turn down generation to maintain negative margins, so a response would be expected.

Likely to be issued at Day Ahead.

NRAPMs can be local or national.

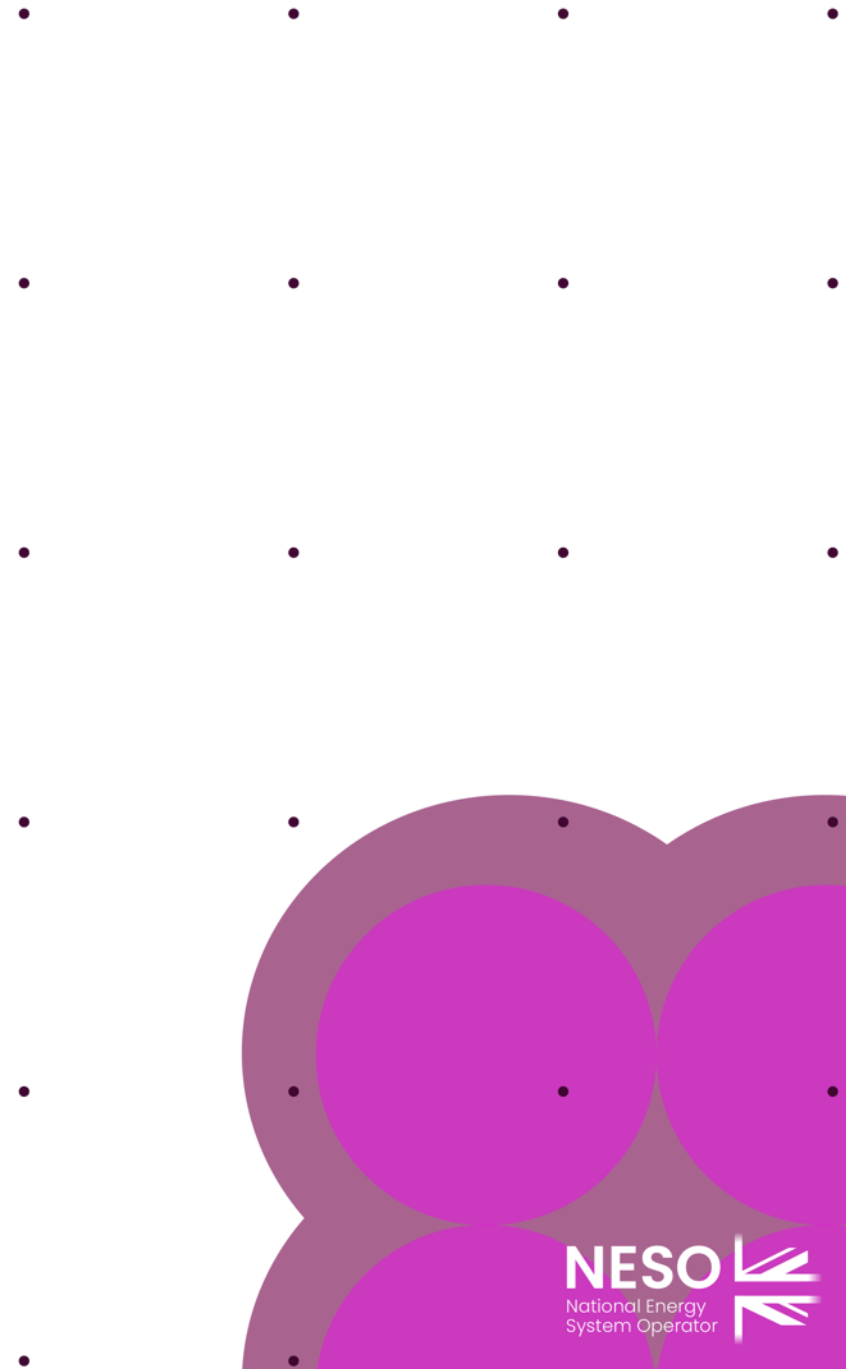
To date a limited number of local NRAPMs have been issued, but none at a national level.

BSUoS Tariff Reset Process Overview

29 April 2026

Contents

1. Introduction
2. BSUoS Forecast Changes
3. Current Reset Tariff Rules
4. Next Steps



What are Balancing Service Use of System (BSUoS) charges and who pays them?

What is the charge for?

- The BSUoS charge recovers the cost of day-to-day operation including the cost of balancing the electricity transmission system.

How is it charged?

- Half hourly BSUoS Fixed Tariff £/MWh
- Information on specific charging methodologies for BSUoS are available in Section 14.31 of the [CUSC](#)

Who pays?

- **Final Demand Site (Since April 2023)**
 - Suppliers
 - Directly connected Transmission demand

BSUoS Fixed Tariff Timetable

Publish Final Tariff (FT)

Effective Tariff Period

Draft Tariff

• **Upcoming Publication Dates: Tariffs for 2027/28**

• **September 2026**

- Draft Tariff 9 (Apr 27 – Sep 27)
- Draft Tariff 10 (Oct 27 – Mar 28)

• **December 2026**

- Final Tariff 9 (Apr 27 – Sep 27)
- Final Tariff 10 (Oct 27 – Mar 28)

2026/27											2027/28											2028/29							
Apr 26	May 26	Jun 26	Jul 26	Aug 26	Sep 26	Oct 26	Nov 26	Dec 26	Jan 27	Feb 27	Mar 27	Apr 27	May 27	Jun 27	Jul 27	Aug 27	Sep 27	Oct 27	Nov 27	Dec 27	Jan 28	Feb 28	Mar 28	Apr 28	May 28	Jun 28			
Fixed Tariff 7 in effect																													
						Fixed Tariff 8 in effect																							
					DT9				FT9		Fixed Tariff 9 in effect																		
					FT10				FT10													Fixed Tariff 10 in effect							
																DT11				FT11				Fixed Tariff 11					
																DT12				FT12									

BSUoS Forecast Changes

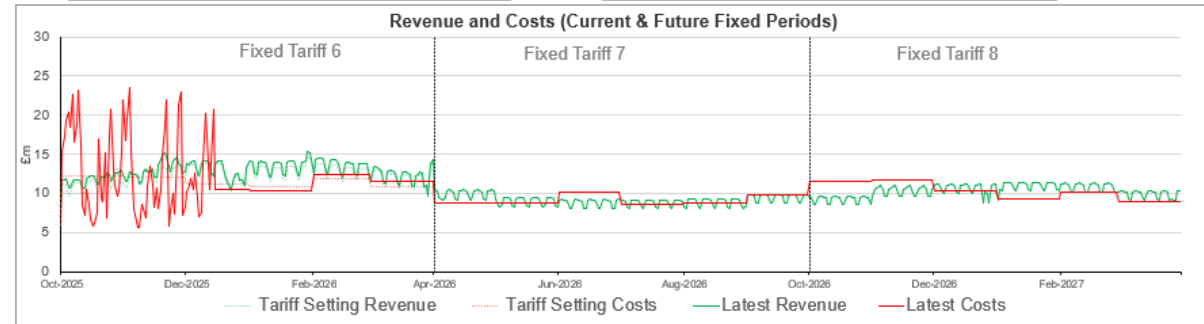
15 December 2025

Fixed Tariffs 7 and 8 were set with the aim for our forecast cash position to reach neutral by March 2027

Today's Date	15/12/2025
Latest Revenue in Fixed Period to date	8,811,933,441
Latest Costs in Fixed Period to date	8,861,833,124
Over / (Under) Recovery to Date	-49,899,683

Last date Control Room data available	14/12/2025
Last date II data entered	07/12/2025
Last date SF data entered	20/11/2025
Latest published forecast	January 26

Today
15/12/2025

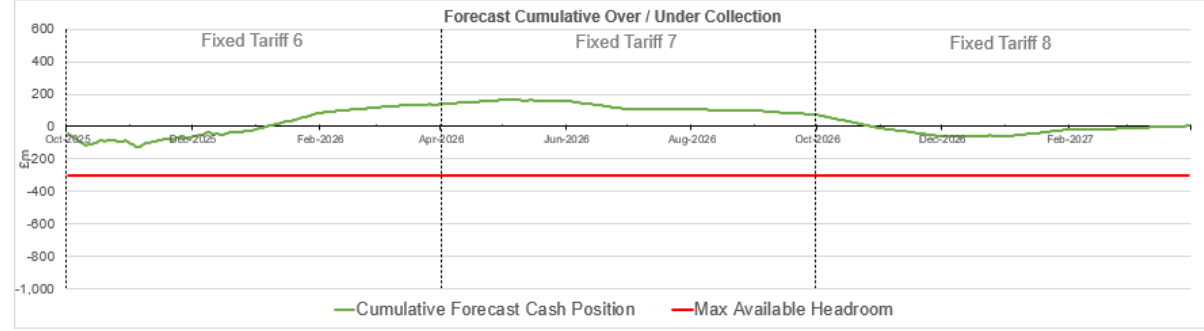


Forecast cash position at the end of fixed tariff 5
-£41m

Forecast cash position at the end of fixed tariff 6
£139m

Forecast cash position at the end of fixed tariff 7
£74m

Forecast cash position at the end of fixed tariff 8
£5m



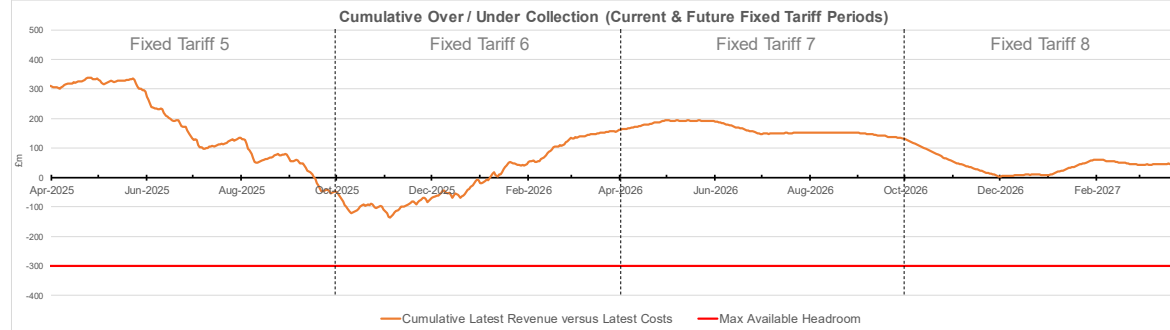
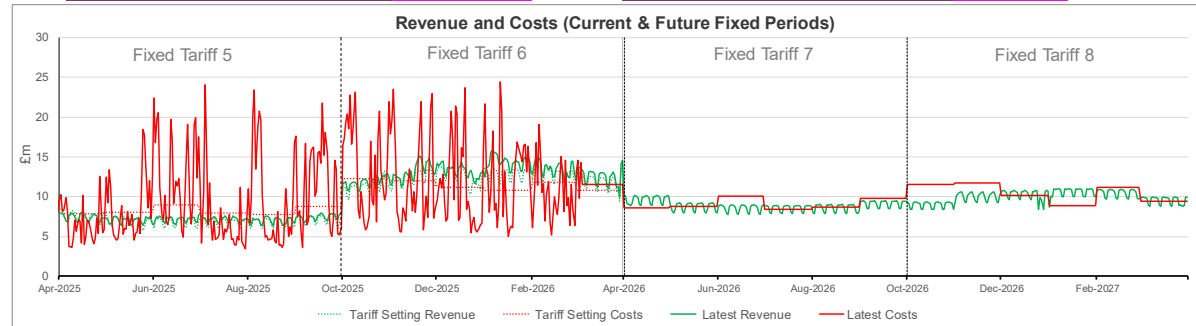
05 Mar 2026

Since Tariffs 7 and 8 were set, there had been an increase of between £22m – £41m in our forecast cash position

Today's Date	05/03/2026
Latest Revenue in Fixed Period to date	9,908,739,409
Latest Costs in Fixed Period to date	9,771,597,292
Over / (Under) Recovery to Date	137,142,117

Last date Control Room data available	04/03/2026
Last date II data entered	25/02/2026
Last date SF data entered	10/02/2026
Latest published forecast	March 26

Today
05/03/2026



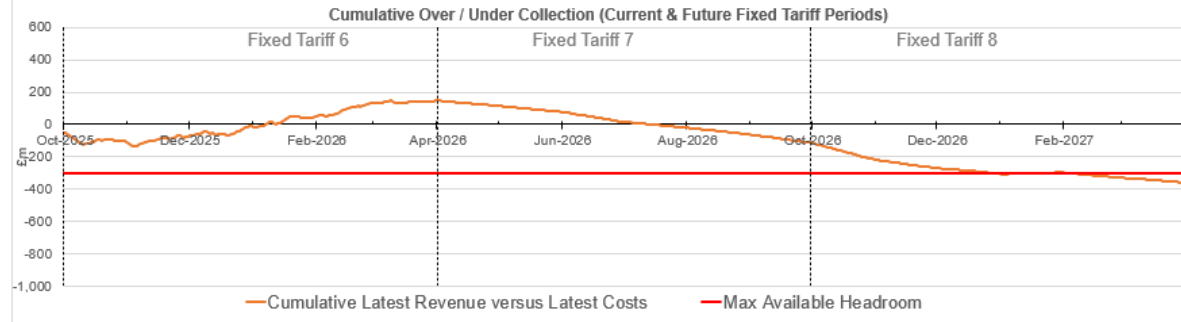
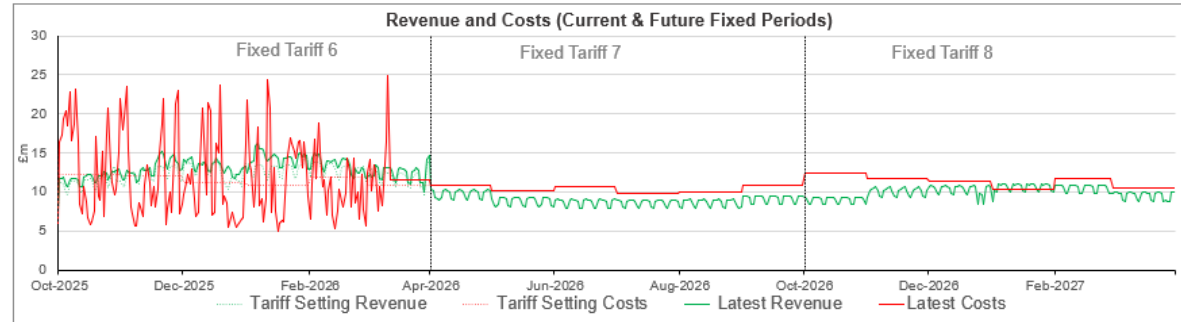
Forecast cash position at the end of fixed tariff 5	-£48m
Change from Last Report (26/02/2026)	↓ -£1m
Change from Final Tariff 7&8 Setting	↓ -£7m
Forecast cash position at the end of fixed tariff 6	£161m
Change from Last Report (26/02/2026)	↑ £4m
Change from Final Tariff 7&8 Setting	↑ £22m
Forecast cash position at the end of fixed tariff 7	£133m
Change from Last Report (26/02/2026)	↑ £4m
Change from Final Tariff 7&8 Setting	↑ £58m
Forecast cash position at the end of fixed tariff 8	£46m
Change from Last Report (26/02/2026)	↑ £4m
Change from Final Tariff 7&8 Setting	↑ £41m

12 Mar 2026

April 2026 Forecast, reflected a 28% increase in wholesale market prices and £200m increase in constraint cost forecast

Today's Date	12/03/2026	Last date Control Room data available	11/03/2026
Latest Revenue in Fixed Period to date	9,992,890,846	Last date II data entered	04/03/2026
Latest Costs in Fixed Period to date	9,860,547,428	Last date SF data entered	17/02/2026
Over / (Under) Recovery to Date	132,343,418	Latest published forecast	April 26

Today
12/03/2026



Forecast cash position at the end of fixed tariff 5	-£48m
Change from Last Report (05/03/2026)	£0m
Change from Final Tariff 7&8 Setting	-£7m
Forecast cash position at the end of fixed tariff 6	£148m
Change from Last Report (05/03/2026)	-£13m
Change from Final Tariff 7&8 Setting	£9m
Forecast cash position at the end of fixed tariff 7	-£111m
Change from Last Report (05/03/2026)	-£244m
Change from Final Tariff 7&8 Setting	-£185m
Forecast cash position at the end of fixed tariff 8	-£356m
Change from Last Report (05/03/2026)	-£402m
Change from Final Tariff 7&8 Setting	-£361m

19 Mar 2026

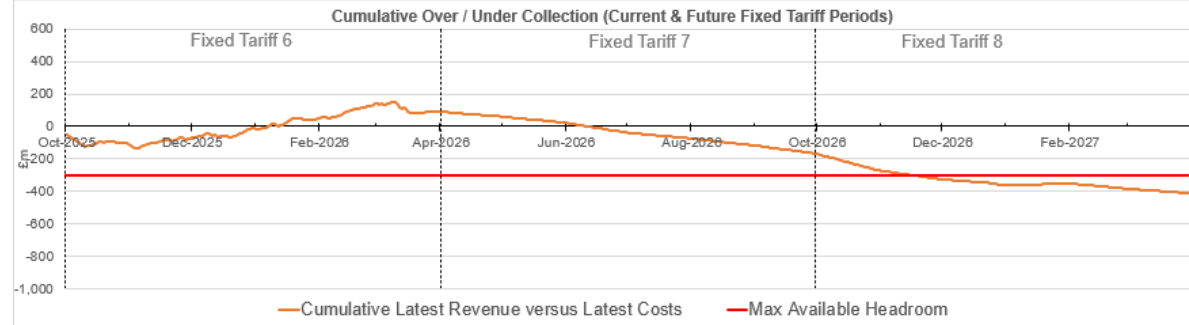
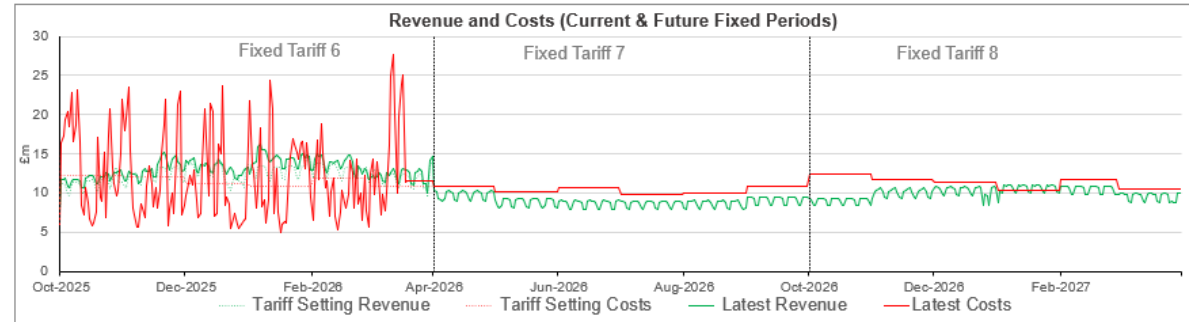
£55m decrease in cash position following latest outturns.

Sustained high wind output associated with multiple transmission constraints, particularly in Scotland.

Today's Date	19/03/2026
Latest Revenue in Fixed Period to date	10,079,418,994
Latest Costs in Fixed Period to date	9,994,983,410
Over / (Under) Recovery to Date	84,435,584

Last date Control Room data available	18/03/2026
Last date II data entered	10/03/2026
Last date SF data entered	23/02/2026
Latest published forecast	April 26

Today
19/03/2026



Forecast cash position at the end of fixed tariff 5	
	-£48m
Change from Last Report (12/03/2026)	£0m
Change from Final Tariff 7&8 Setting	-£7m

Forecast cash position at the end of fixed tariff 6	
	£93m
Change from Last Report (12/03/2026)	-£55m
Change from Final Tariff 7&8 Setting	-£46m

Forecast cash position at the end of fixed tariff 7	
	-£166m
Change from Last Report (12/03/2026)	-£55m
Change from Final Tariff 7&8 Setting	-£240m

Forecast cash position at the end of fixed tariff 8	
	-£411m
Change from Last Report (12/03/2026)	-£55m
Change from Final Tariff 7&8 Setting	-£416m

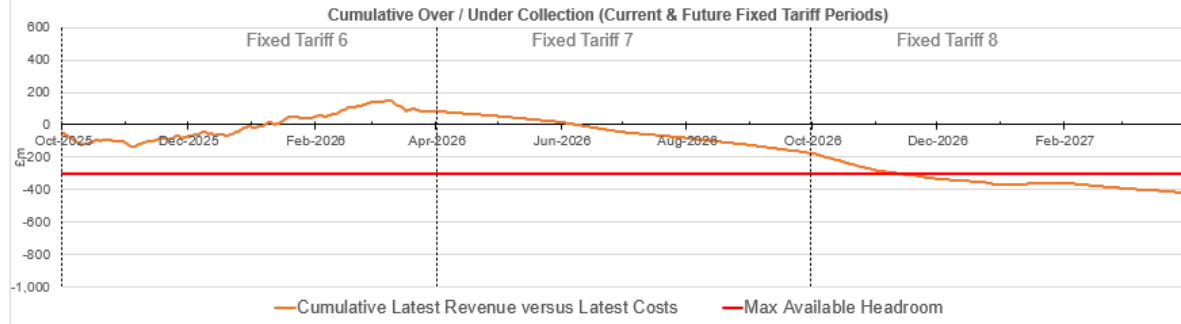
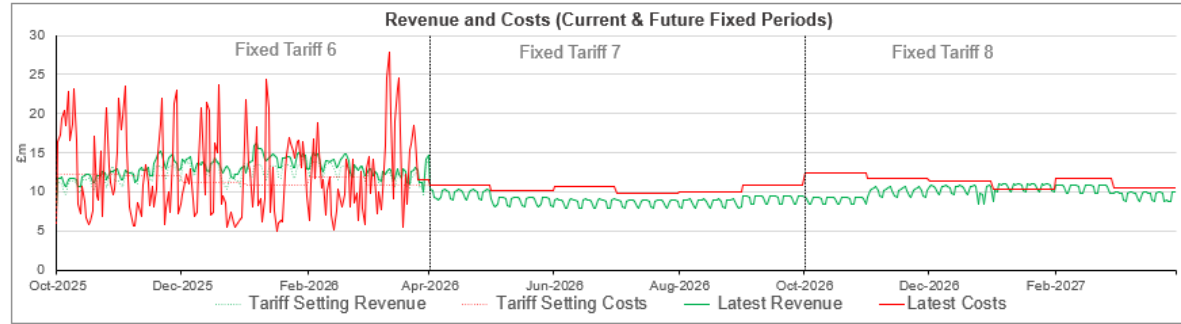
26 March 2026

£7m decrease in cash position from latest actual data

Today's Date	26/03/2026
Latest Revenue in Fixed Period to date	10,166,655,086
Latest Costs in Fixed Period to date	10,084,099,051
Over / (Under) Recovery to Date	82,556,035

Last date Control Room data available	25/03/2026
Last date II data entered	17/03/2026
Last date SF data entered	02/03/2026
Latest published forecast	April 26

Today
26/03/2026



Forecast cash position at the end of fixed tariff 5	
	-£48m
Change from Last Report (19/03/2026)	£0m
Change from Final Tariff 7&8 Setting	-£7m

Forecast cash position at the end of fixed tariff 6	
	£86m
Change from Last Report (19/03/2026)	-£7m
Change from Final Tariff 7&8 Setting	-£53m

Forecast cash position at the end of fixed tariff 7	
	-£173m
Change from Last Report (19/03/2026)	-£7m
Change from Final Tariff 7&8 Setting	-£247m

Forecast cash position at the end of fixed tariff 8	
	-£418m
Change from Last Report (19/03/2026)	-£7m
Change from Final Tariff 7&8 Setting	-£423m

02 April 2026

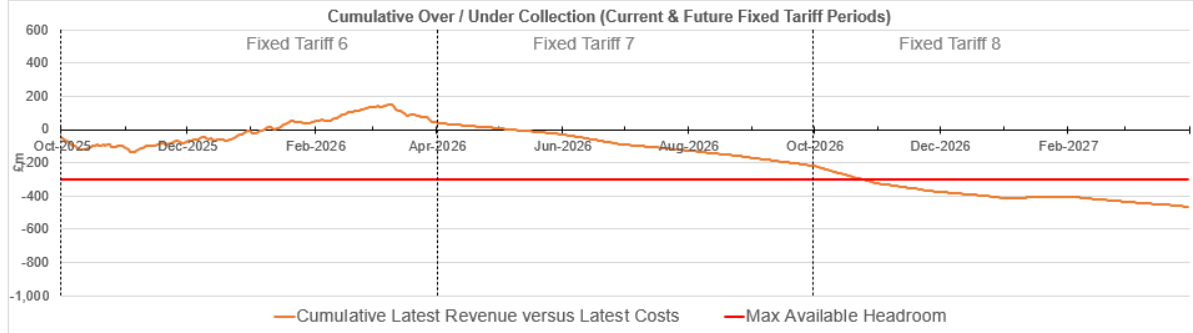
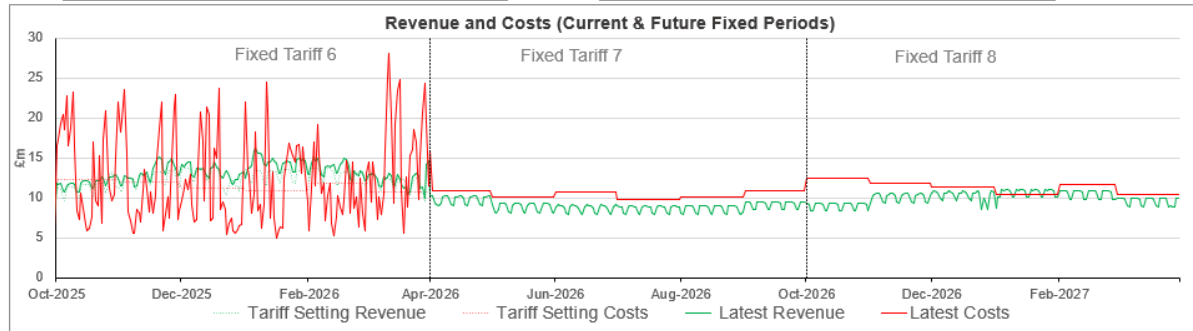
£40m decrease in cash position from latest actual data.

High weekend and early week costs, as a result of high wind output and sustained Scottish constraints

Today's Date	02/04/2026
Latest Revenue in Fixed Period to date	10,245,043,279
Latest Costs in Fixed Period to date	10,204,918,080
Over / (Under) Recovery to Date	40,125,199

Last date Control Room data available	01/04/2026
Last date II data entered	22/03/2026
Last date SF data entered	05/03/2026
Latest published forecast	April 26

Today
02/04/2026



Forecast cash position at the end of fixed tariff 5	-£48m
Change from Last Report (26/03/2026)	£0m
Change from Final Tariff 7&8 Setting	-£7m
Forecast cash position at the end of fixed tariff 6	£46m
Change from Last Report (26/03/2026)	-£40m
Change from Final Tariff 7&8 Setting	-£93m
Forecast cash position at the end of fixed tariff 7	-£218m
Change from Last Report (26/03/2026)	-£45m
Change from Final Tariff 7&8 Setting	-£292m
Forecast cash position at the end of fixed tariff 8	-£463m
Change from Last Report (26/03/2026)	-£45m
Change from Final Tariff 7&8 Setting	-£468m

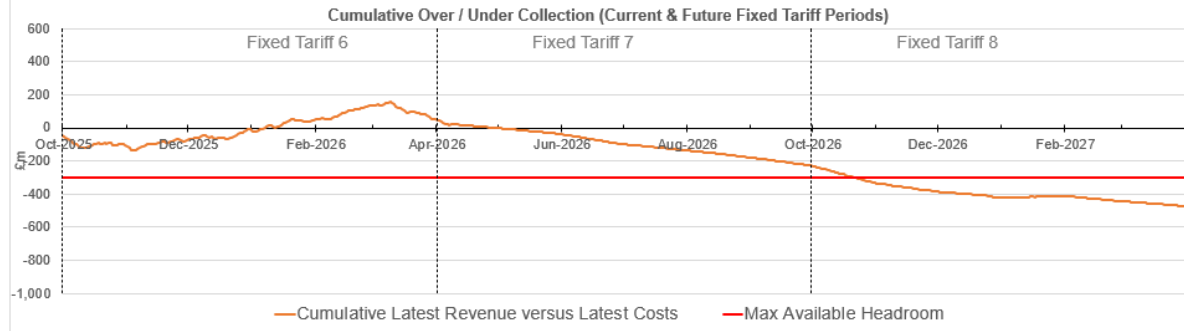
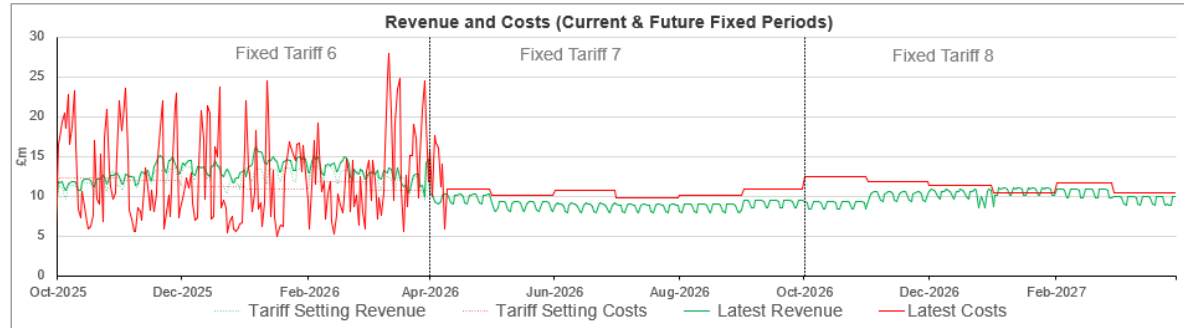
9 April 2026

£9m decrease in cash position from latest actual data

Today's Date	09/04/2026
Latest Revenue in Fixed Period to date	10,318,260,777
Latest Costs in Fixed Period to date	10,296,153,462
Over / (Under) Recovery to Date	22,107,315

Last date Control Room data available	08/04/2026
Last date II data entered	26/03/2026
Last date SF data entered	14/03/2026
Latest published forecast	April 26

Today
09/04/2026



Forecast cash position at the end of fixed tariff 5		
	-£48m	
Change from Last Report (02/04/2026)	£0m	↔
Change from Final Tariff 7&8 Setting	-£7m	↓
Forecast cash position at the end of fixed tariff 6		
	£52m	
Change from Last Report (02/04/2026)	£6m	↑
Change from Final Tariff 7&8 Setting	-£87m	↓
Forecast cash position at the end of fixed tariff 7		
	-£227m	
Change from Last Report (02/04/2026)	-£9m	↓
Change from Final Tariff 7&8 Setting	-£301m	↓
Forecast cash position at the end of fixed tariff 8		
	-£472m	
Change from Last Report (02/04/2026)	-£9m	↓
Change from Final Tariff 7&8 Setting	-£477m	↓

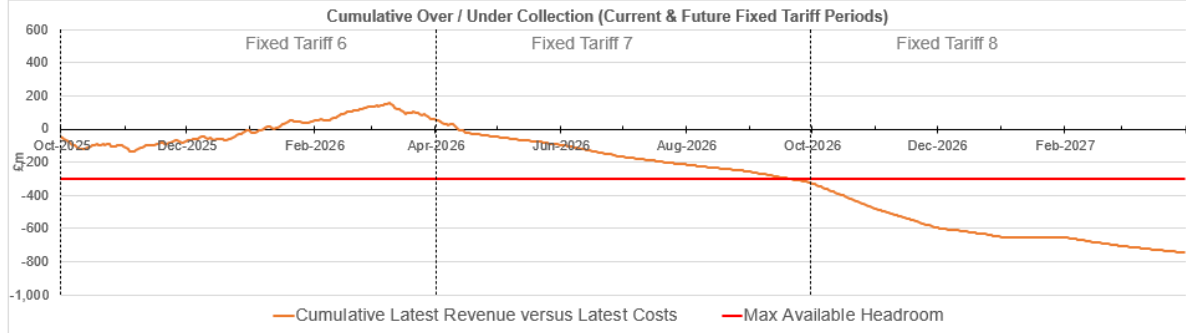
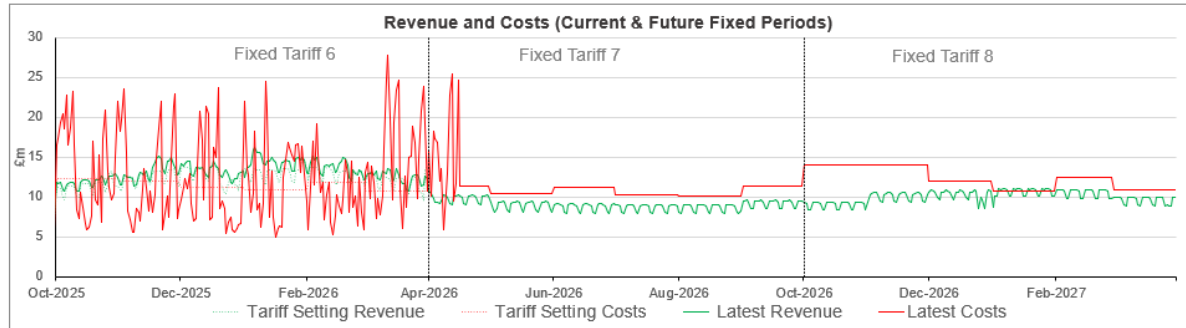
16 April 2026

May BSUoS Forecast
 Average 15% increase in forecast market prices
 51% increase in gas prices within constraint forecast inputs

Today's Date	16/04/2026
Latest Revenue in Fixed Period to date	10,388,954,660
Latest Costs in Fixed Period to date	10,411,598,208
Over / (Under) Recovery to Date	-22,643,548

Last date Control Room data available	15/04/2026
Last date II data entered	07/04/2026
Last date SF data entered	21/03/2026
Latest published forecast	May 26

Today
16/04/2026



Forecast cash position at the end of fixed tariff 5	-£48m
Change from Last Report (09/04/2026)	£0m
Change from Final Tariff 7&8 Setting	-£7m
Forecast cash position at the end of fixed tariff 6	£58m
Change from Last Report (09/04/2026)	£6m
Change from Final Tariff 7&8 Setting	-£81m
Forecast cash position at the end of fixed tariff 7	-£322m
Change from Last Report (09/04/2026)	-£95m
Change from Final Tariff 7&8 Setting	-£396m
Forecast cash position at the end of fixed tariff 8	-£747m
Change from Last Report (09/04/2026)	-£274m
Change from Final Tariff 7&8 Setting	-£751m

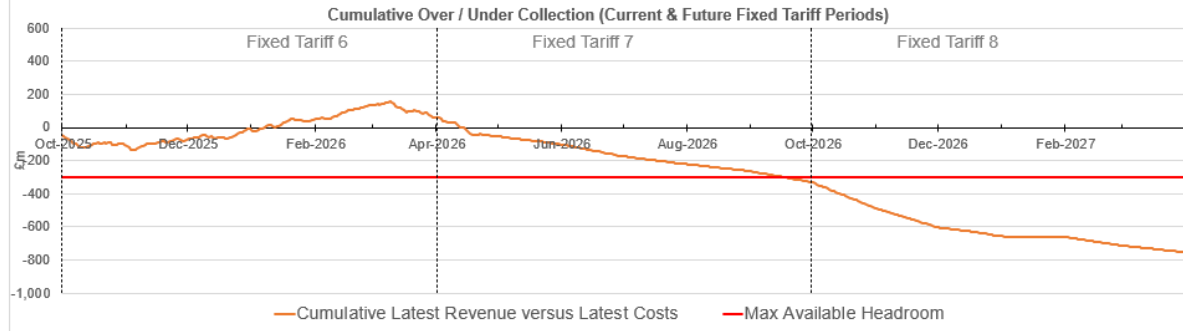
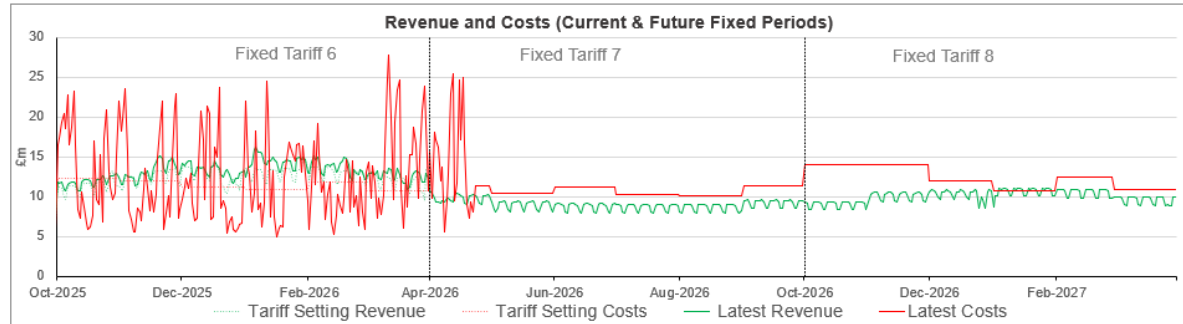
23 March 2026

£7m decrease in cash position from latest actual data

Today's Date	23/04/2026
Latest Revenue in Fixed Period to date	10,460,616,615
Latest Costs in Fixed Period to date	10,501,850,535
Over / (Under) Recovery to Date	-41,233,920

Last date Control Room data available	22/04/2026
Last date II data entered	14/04/2026
Last date SF data entered	28/03/2026
Latest published forecast	May 26

Today
23/04/2026



Forecast cash position at the end of fixed tariff 5
-£48m

Change from Last Report (16/04/2026) ▬ £0m

Change from Final Tariff 7&8 Setting ▾ -£7m

Forecast cash position at the end of fixed tariff 6
£62m

Change from Last Report (16/04/2026) ▴ £4m

Change from Final Tariff 7&8 Setting ▾ -£77m

Forecast cash position at the end of fixed tariff 7
-£329m

Change from Last Report (16/04/2026) ▾ -£7m

Change from Final Tariff 7&8 Setting ▾ -£403m

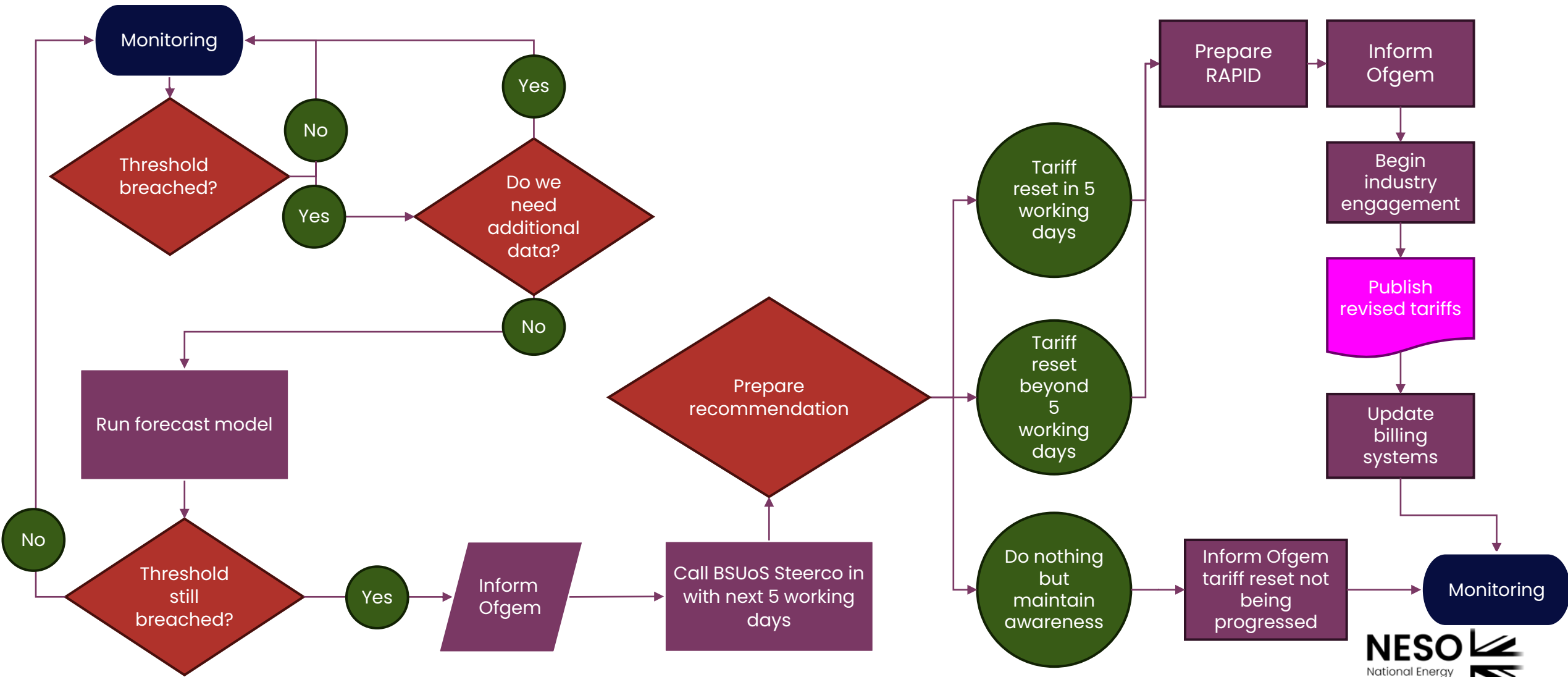
Forecast cash position at the end of fixed tariff 8
-£754m

Change from Last Report (16/04/2026) ▾ -£7m

Change from Final Tariff 7&8 Setting ▾ -£759m

Tariff Reset Process

Tariff Reset Process



CUSC Tariff Reset Rules

When a tariff reset can take place

- If before or during a Fixed Price Period, The Company forecasts that it will neither recover sufficient funds through BSUoS Charges nor will it hold sufficient funds in the Industry BSUoS Fund and the BSUoS Working Capital Facility to meet balancing costs during that Fixed Price Period, the Company has the **right to set a revised Fixed BSUoS Price for the entirety of or remainder of that Fixed Price Period.**

What costs can the tariff reset cover

- The revised Fixed BSUoS Price only covers costs for the remainder of the Fixed Price Period.

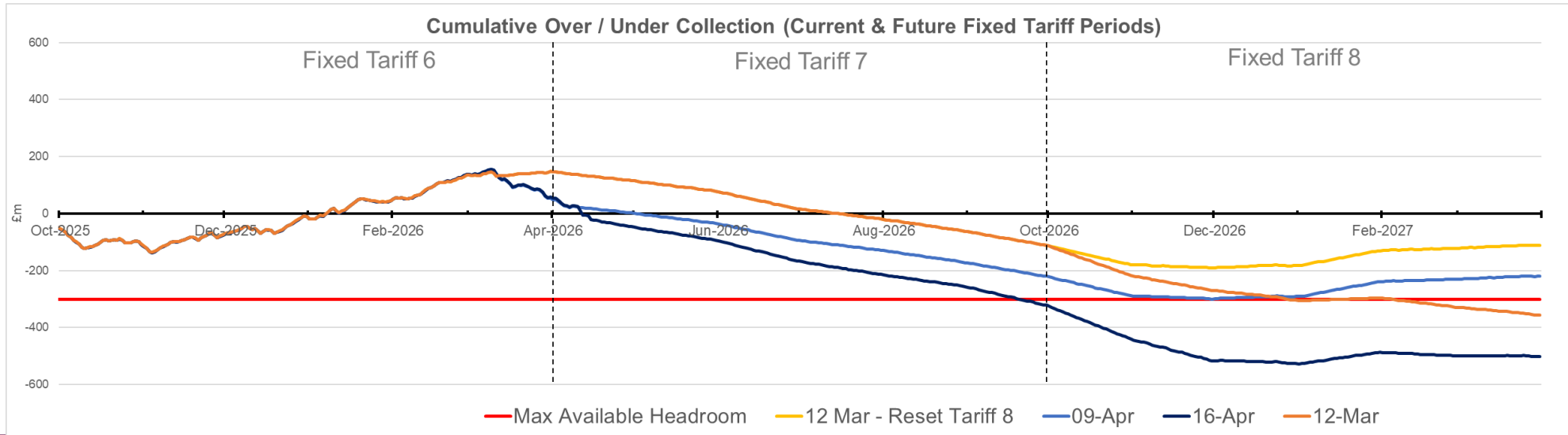
Working Capital Facility

- The BSUoS Working Capital Facility would be built back up in subsequent Fixed Price Periods, via the Fixed BSUoS Prices calculated for those Fixed Price Periods.

Notice Period

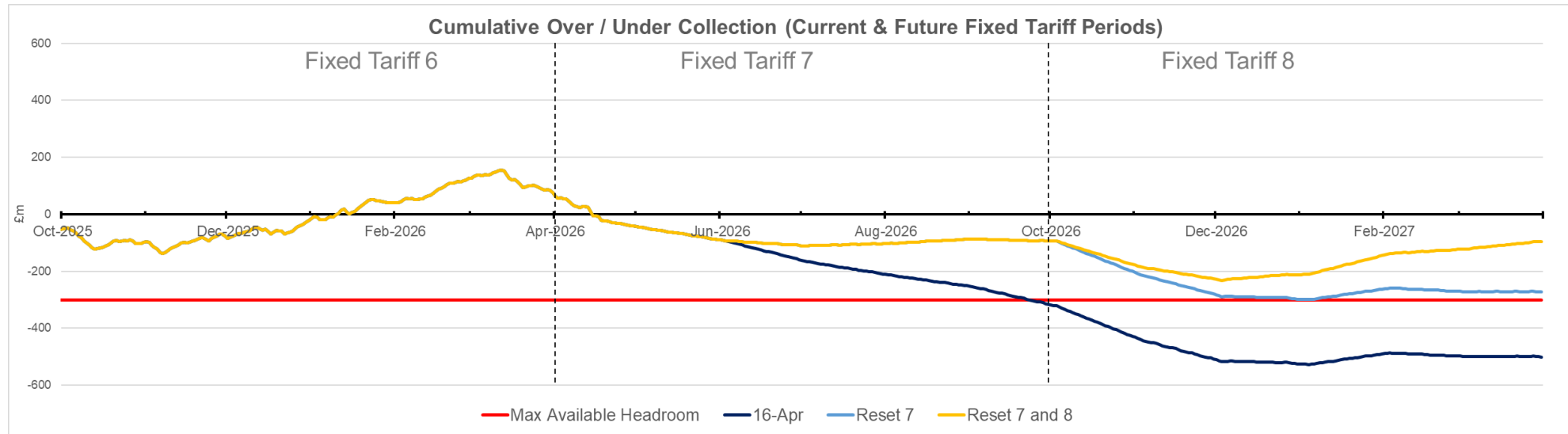
- Minimum of 5 working days

Tariff Reset Scenario



	Date	Tariff 7 (£/MWh)	Tariff 8 (£/MWh)	End of Tariff 7 Forecast Cash Position	End of Tariff 8 Forecast Cash Position	Lowest Cash Position
—	12 March	13.74	12.49	-£111m	-£356m	31 Mar 27 -£356m
—	12 March – FT8 Reset	13.74	14.18	-£111m	-£111m	30 Nov 26 £-191m
—	09 April – FT8 Reset	13.74	14.18	-£220m	-£219m	30 Nov 26 £-300m
—	16 April – FT8 Reset	13.74	14.18	-£332m	-£500m	01 Jan 2027 -£527m

Tariff Reset Scenario



	Date	Tariff 7 (£/MWh)	Tariff 8 (£/MWh)	End of Tariff 7 Forecast Cash Position	End of Tariff 8 Forecast Cash Position	Lowest Cash Position
—	16 April – FT8 Reset	13.74	14.18	-£332m	-£500m	01 Jan 2027 -£527m
—	16 April – FT7 Reset	16.65	14.18	-£94m	-£256m	30 Dec 26 £-299m
—	16 April – FT7 and New FT8 Reset	16.65	15.41	-£94m	-£94m	30 Nov 26 £-231m

BSUoS Data provided by NESO to industry

NESO currently provides industry regular updates

- Daily - Current BSUoS costs (II, SF, RF)
- Weekly - BSUoS revenue Vs cost report
- M

They are all designed to help give industry a better view of the current BSUoS position

NESO appreciates industry needs as much information as possible to enable them to forecast as well

Would industry like to see NESO provide extra data to help give greater visibility, if yes what?

Next Steps

BSUoS under-recover options

Option	Detail	Implementation Plan
Tariff Reset process update	Current process doesn't protect the WCF	Address issues in the current process that fails to protect the WCF
Tariff Reset	Process is outlined in CUSC – can reset tariffs when the WCF is forecasted to be breached.	Increase visibility of the process
Additional Tariff	Explore possibility of adding a "top-up" tariff to account for under-recovery. Develop parameters and detail	Raised CUSC Modification CMP475

In Flight Tariff Reset Modifications

CMP474- Fixed BSUoS Price reset mechanism

- It is proposed to include in the CUSC a clear reset mechanism to be followed by The Company governing the potential resetting of the Fixed BSUoS Price.
- Specifying the minimum information that NESO must publish ahead of resetting tariffs
- Specifying the working capital utilisation if a tariff reset is needed
- Specifying the minimum notice period for resetting tariffs.

CMP475- Amendment to the BSUoS tariff reset process

- Enable either or both Fixed Price Periods to be reopened so that the Fixed BSUoS price can be amended, where NESO is forecasting that the WCF will be exceeded in either Fixed Price Period.
- Create a concept of a 'Top Up Tariff' or similar. This will allow NESO to start recovery of the WCF back towards a neutral position, if required.

Thank you!

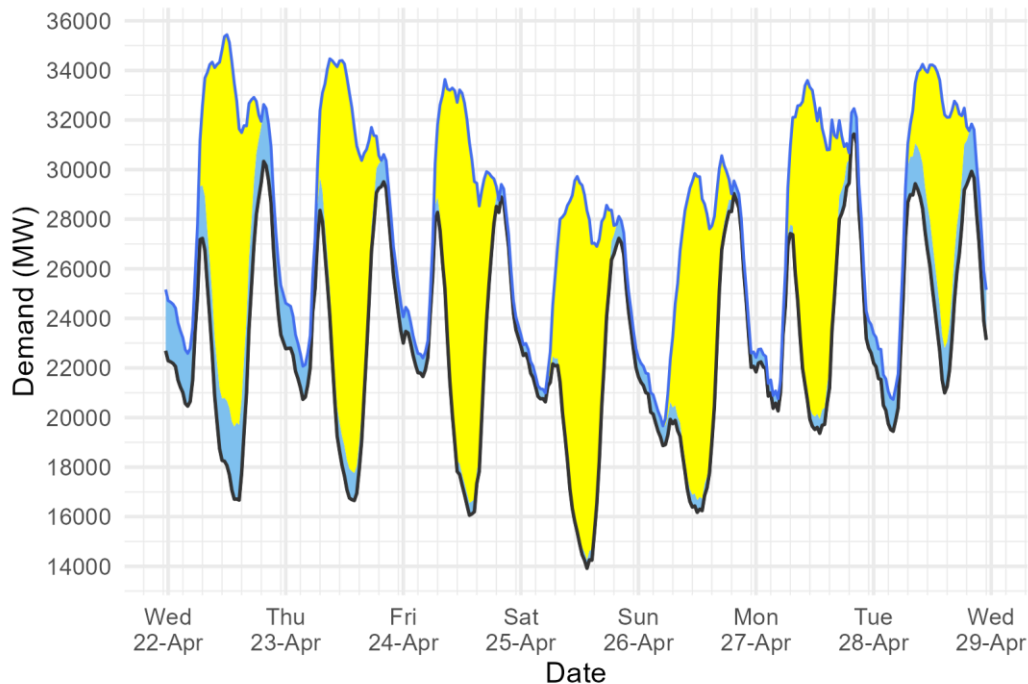
Feedback or further questions

BSUoS.queries@neso.energy

Demand | Last week demand out-turn

Slido code #OTF

NESO National Demand outturn 22 - 28 April 2026



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)
22 Apr 2026	14.8	3.1
23 Apr 2026	15.4	1.9
24 Apr 2026	15.4	1.1
25 Apr 2026	14.6	0.9
26 Apr 2026	13.0	0.8
27 Apr 2026	13.1	1.1
28 Apr 2026	9.5	2.0

National Demand

Minimum Demands

Date	Forecasting Point	FORECAST (Wed 22 Apr)			OUTTURN		
		National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)	National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)
22 Apr 2026	Daytime Min	16.9	2.6	13.7	16.7	3.0	11.9
23 Apr 2026	Overnight Min	20.8	1.4	0.0	20.7	1.3	0.0
23 Apr 2026	Daytime Min	16.4	1.2	13.8	16.7	1.1	13.9
24 Apr 2026	Overnight Min	21.3	0.8	0.0	21.7	0.7	0.0
24 Apr 2026	Daytime Min	16.3	0.5	13.8	16.1	0.5	14.5
25 Apr 2026	Overnight Min	20.2	0.4	0.1	20.6	0.4	0.0
25 Apr 2026	Daytime Min	12.9	0.4	13.3	13.9	0.4	14.1
26 Apr 2026	Overnight Min	18.7	0.7	0.1	18.9	0.8	0.0
26 Apr 2026	Daytime Min	16.2	0.5	11.4	16.2	0.5	13.0
27 Apr 2026	Overnight Min	20.0	0.5	0.0	20.3	0.5	0.0
27 Apr 2026	Daytime Min	21.8	0.4	10.3	19.4	0.6	12.5
28 Apr 2026	Overnight Min	20.7	0.5	0.0	19.4	1.3	0.0
28 Apr 2026	Daytime Min	22.9	0.6	9.5	21.0	1.8	9.4

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](#)

From March to October, the table will display overnight minimum (between 00:00 and 07:30) and daytime minimum (between 07:30 and 16:30) as well as an additional column: distributed PV.

NESO Actions | Category Cost Breakdown

Slido code #OTF

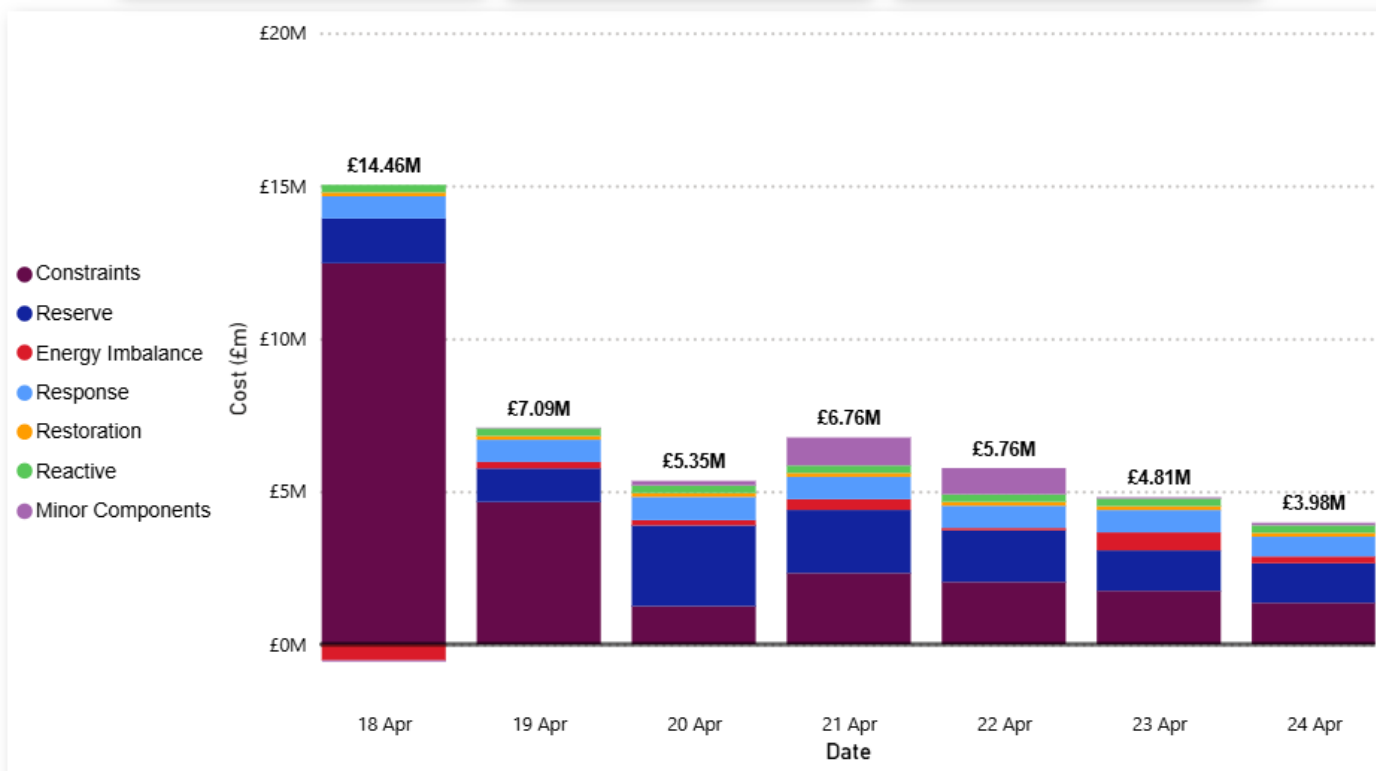
Date ▼

18/04/2026 📅 24/04/2026 📅

Weekly Total Costs (£)
48.2M

Last Week Total Costs (£)
119.4M

Past 30-Day Average Costs (£)
10.4M

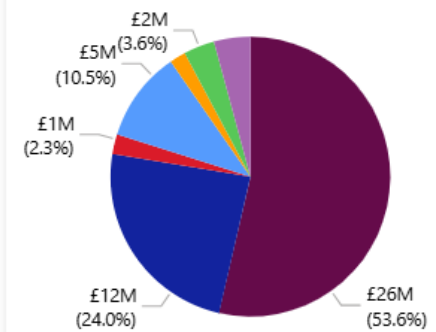


Date	Total Costs
18 April 2026	£14,463,064
19 April 2026	£7,086,478
20 April 2026	£5,345,432
21 April 2026	£6,764,984
22 April 2026	£5,764,995
23 April 2026	£4,810,694
24 April 2026	£3,975,643
Total	£48,211,289

For more info on constraint costs, and the steps NESO is taking with industry partners to address them, please see our Balancing Costs [website](#).

We will be providing an update on NESO's activities to manage constraints following publication of DESNZ' Reformed National Pricing Delivery Plan.

Weekly Cost (£) and Share (%)



NESO Actions | Constraint Cost Breakdown

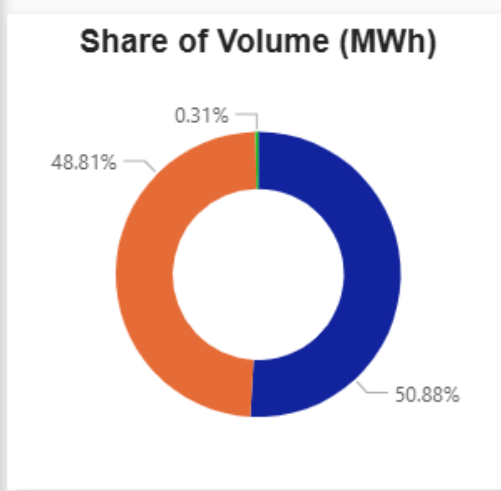
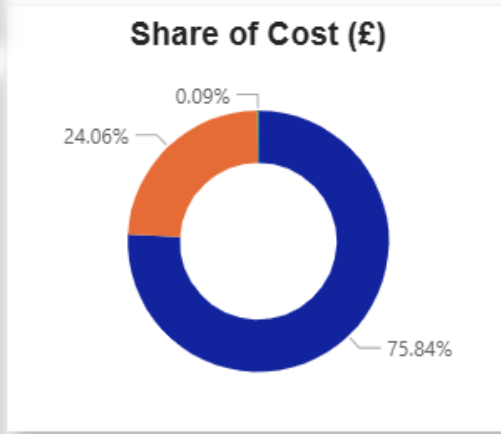
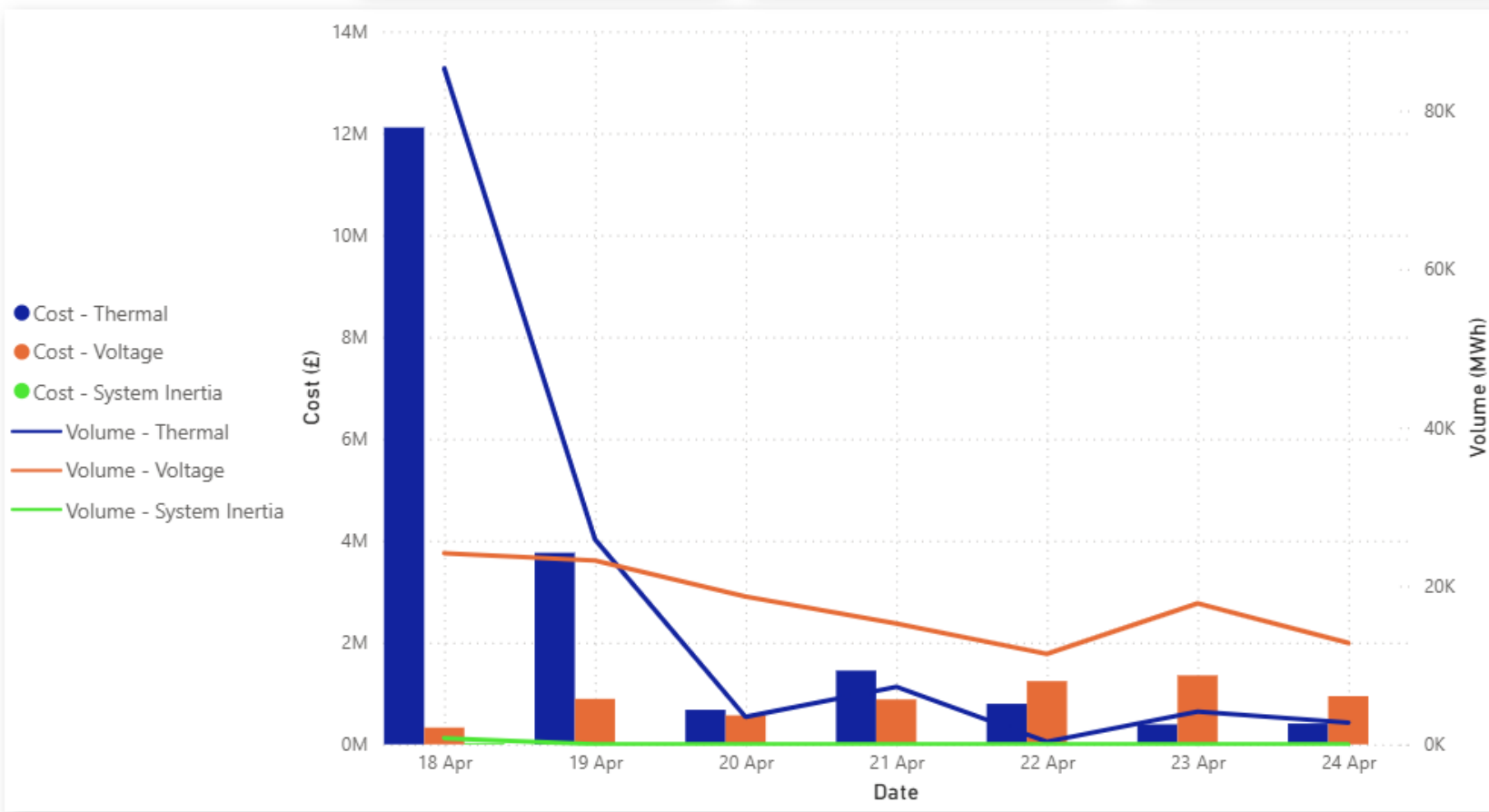
Slido code #OTF

Date
18/04/2026 24/04/2026

Thermal Constraints	
Costs (£)	Vol (MWh)
19.60M	128.50K

Voltage Constraints	
Costs (£)	Vol (MWh)
6.22M	123.26K

System Inertia	
Costs (£)	Vol (MWh)
24.09K	789.47



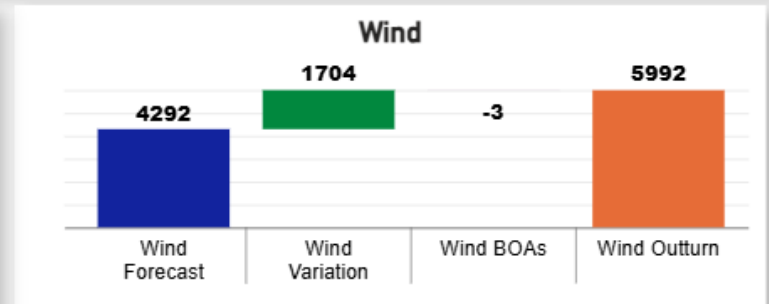
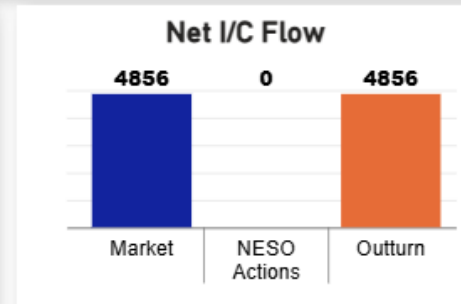
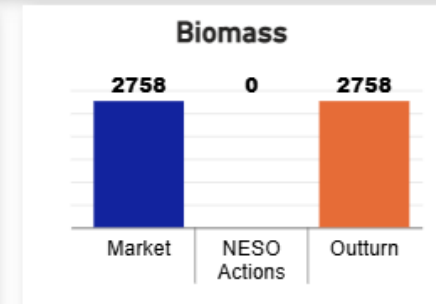
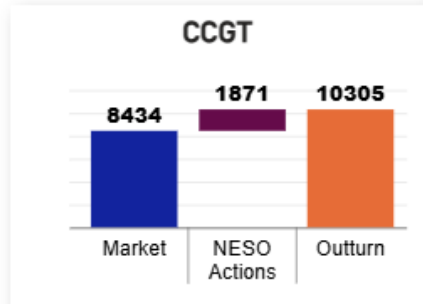
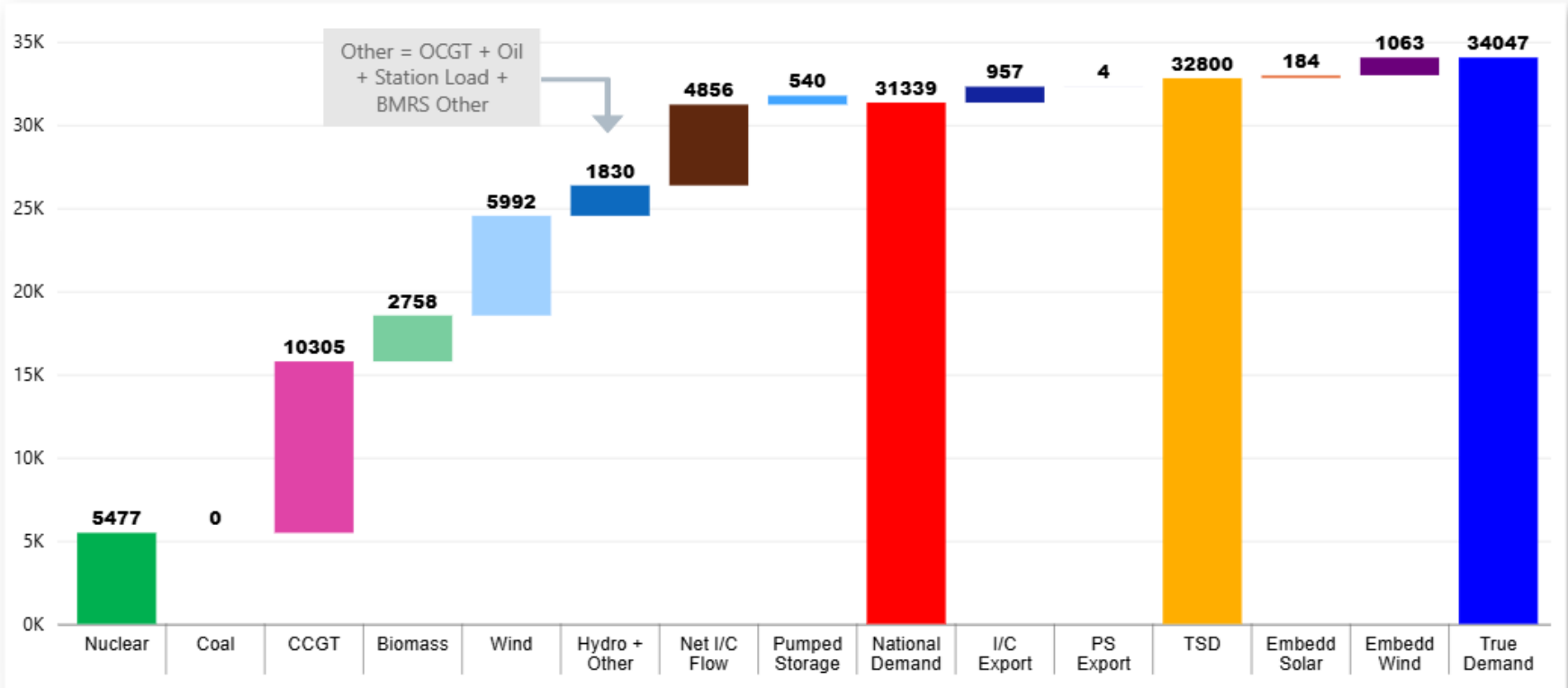
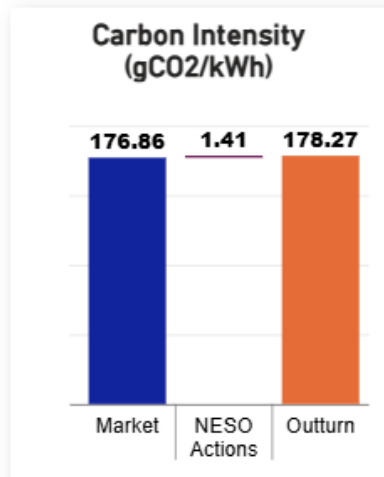
Note: Thermal Constraint volume is reported as an absolute figure.

NESO Actions | Peak Demand – Settlement Period (SP) spend ~£79k

Slido code #OTF

Date: 20 April 2026
 SP: 40

Half-hour preceding
20:00

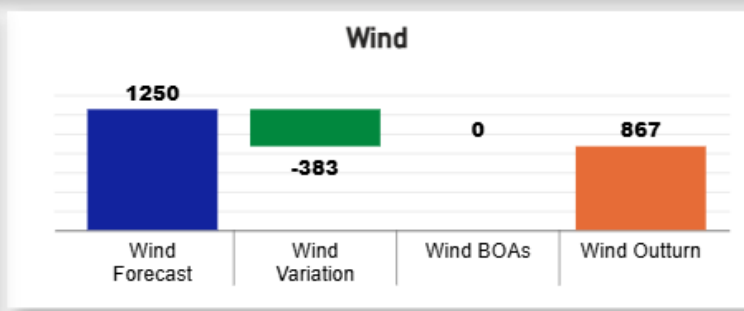
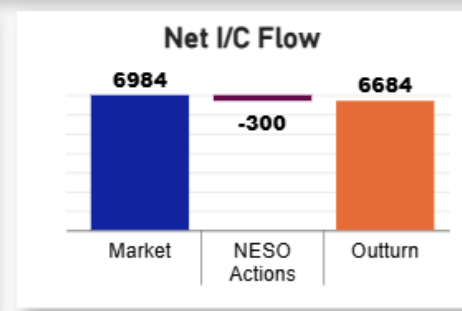
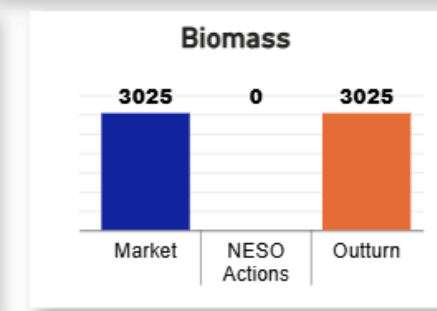
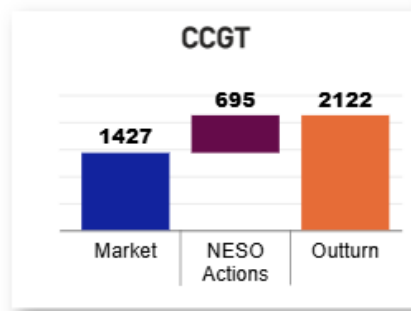
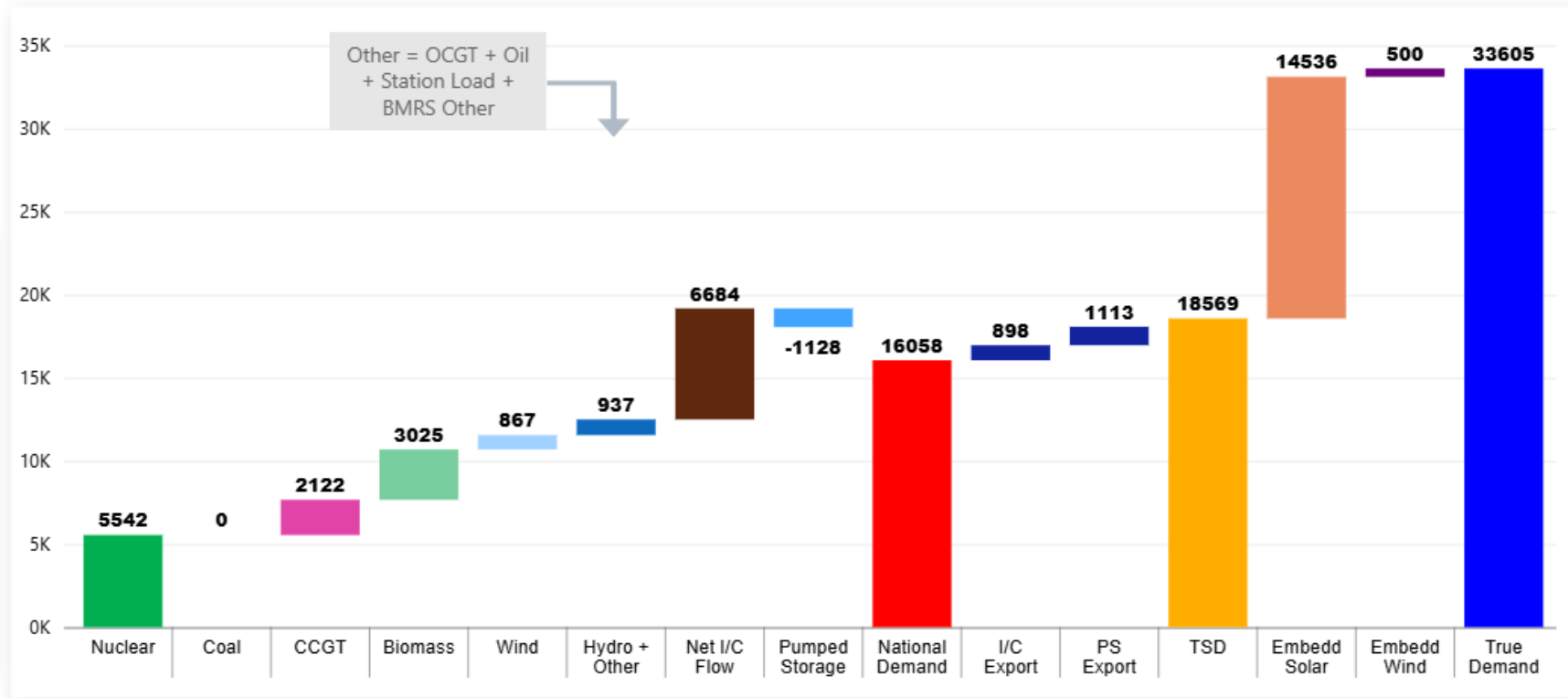
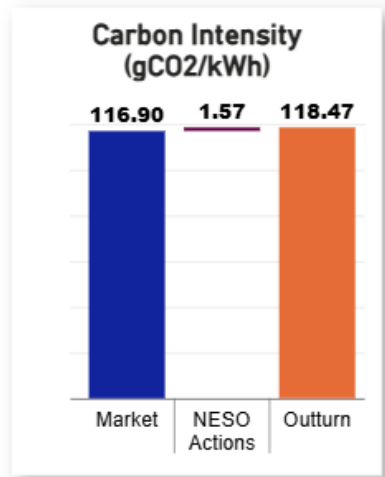


NESO Actions | Minimum Demand – SP spend ~£90k

Slido code #OTF

Date SP

Half-hour preceding
14:30

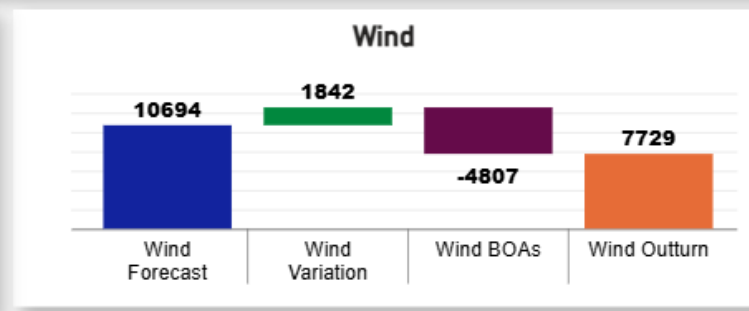
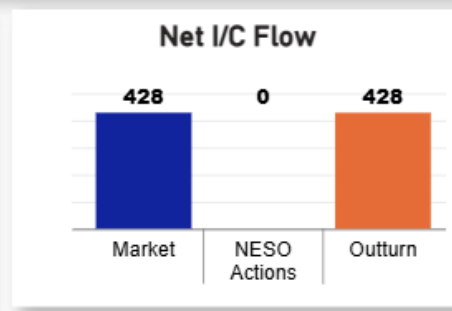
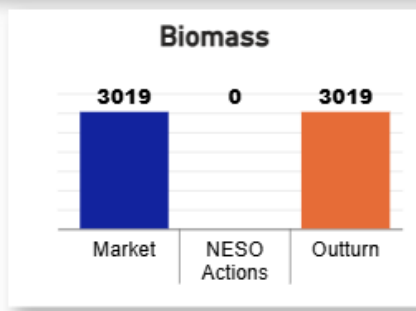
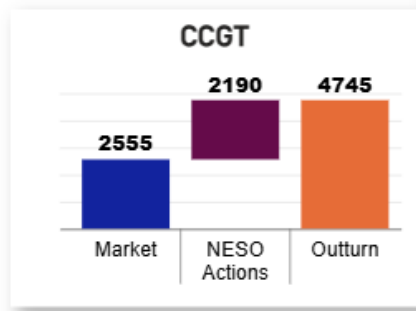
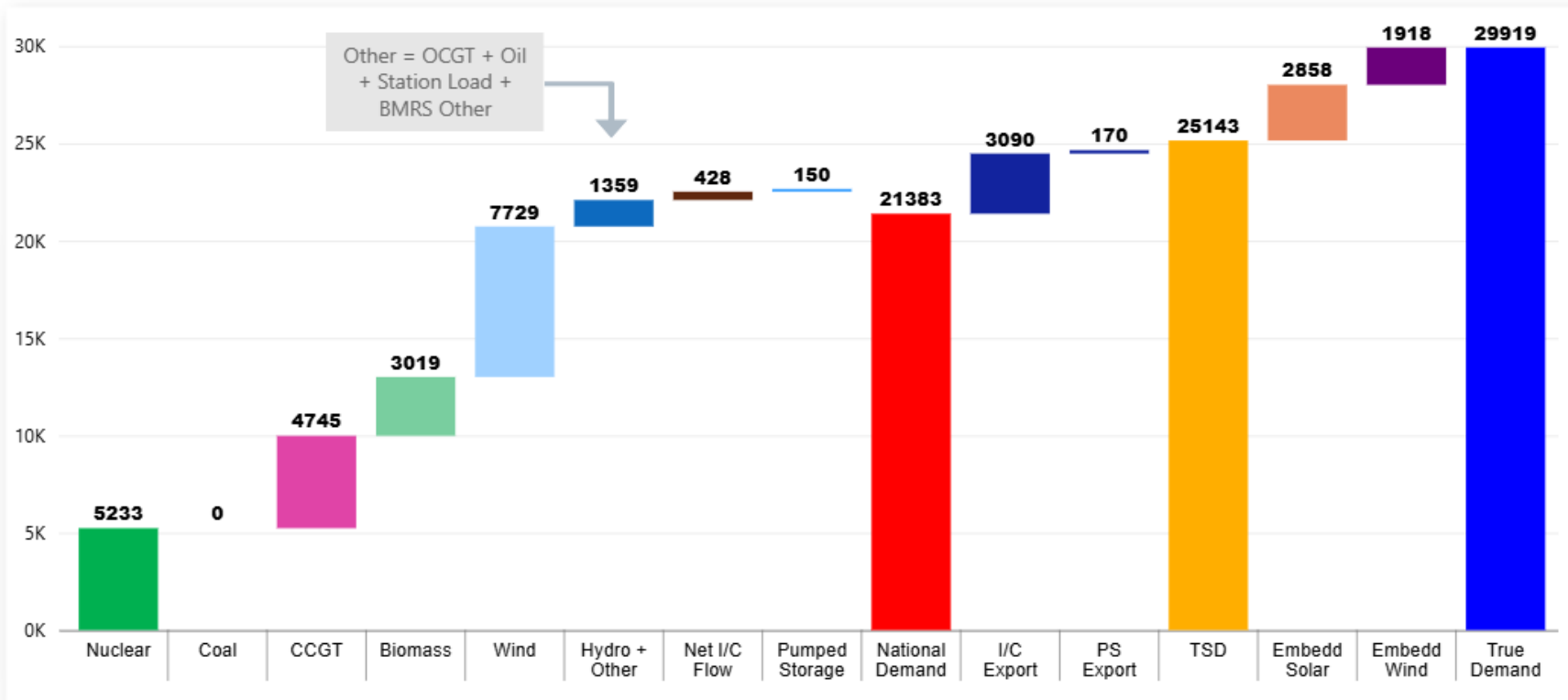
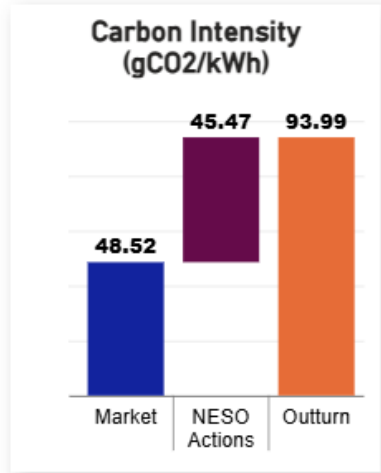


NESO Actions | Highest SP spend ~£258k

^lido code #OTF

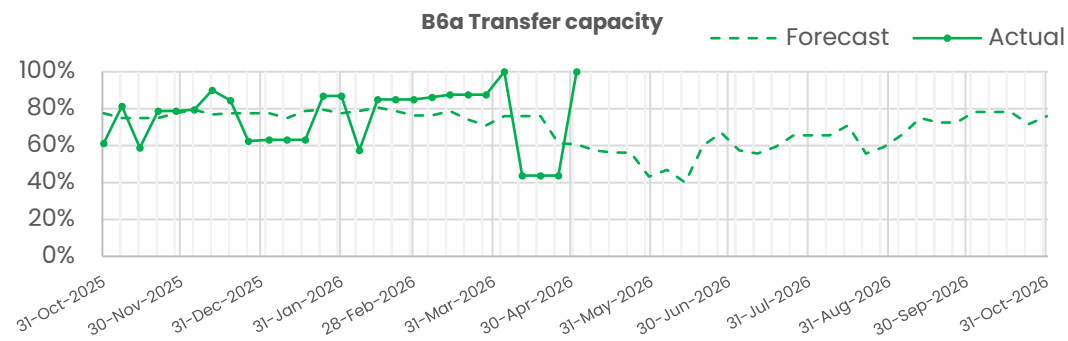
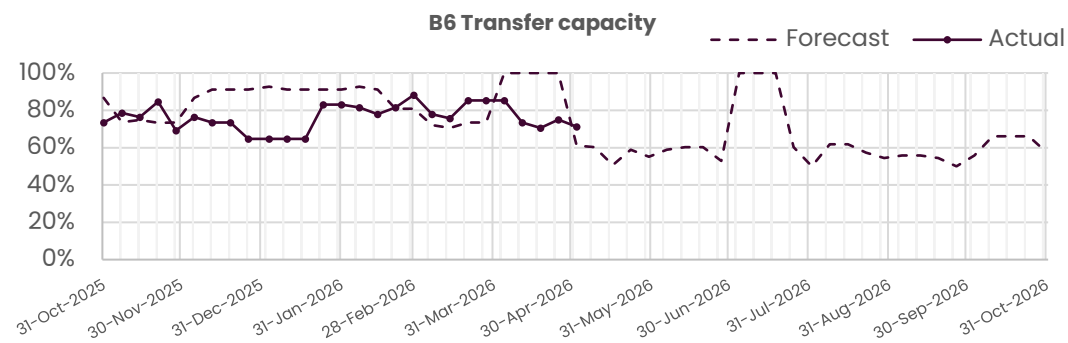
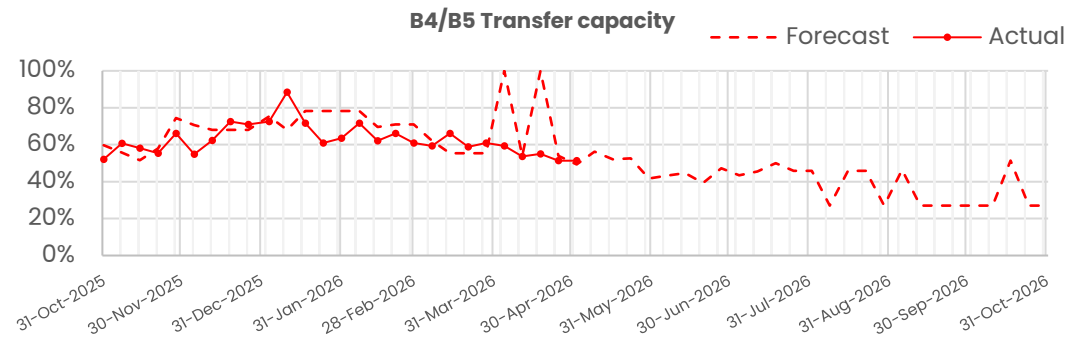
Date SP

Half-hour preceding
08:00



Transparency | Network Congestion

Slido code #OTF



Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	51
B6 (SCOTEX)	6800	71
B6a	8000	100
B7 (SSHARN)	9850	80
GMSNOW	5800	61
FLOWSTH (B9)	12700	83
DRESHEX	9675	76
EC5	5000	100
LE1 (SEIMP)	8750	72
B15 (ESTEX)	7500	75
SC1	7300	69

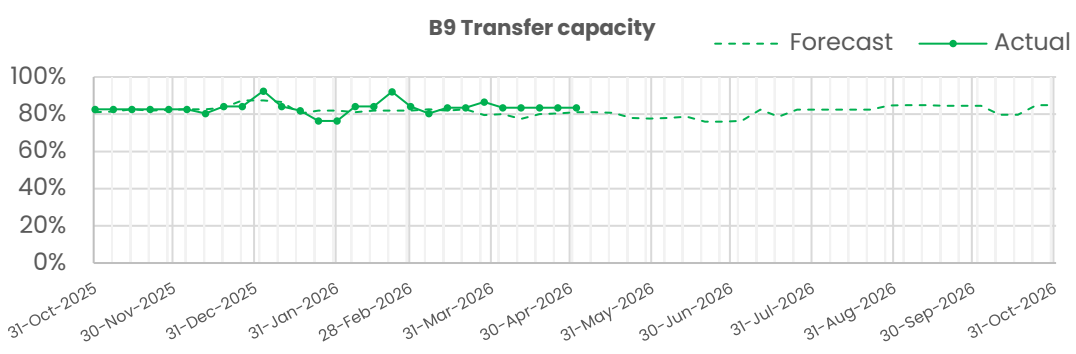
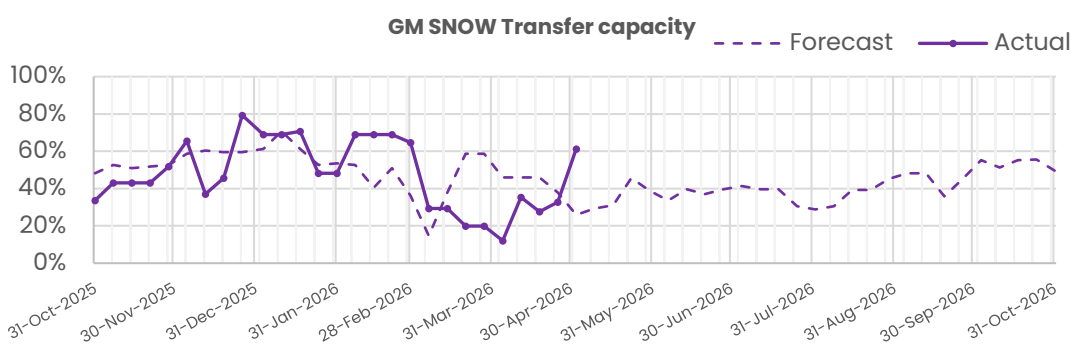
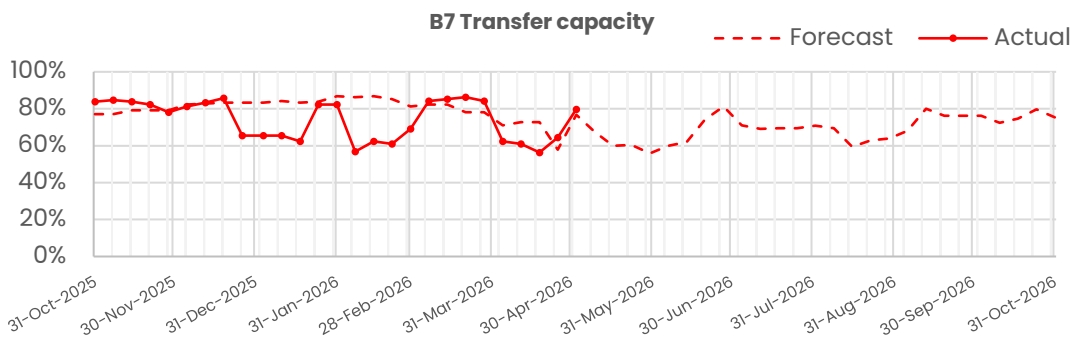


The forecast line is updated with the 12-week ahead view, and this happens each week. So, everything up to 12 weeks ahead is the forecast from 12-week ahead view, and everything after that is the fixed long-term forecast view.

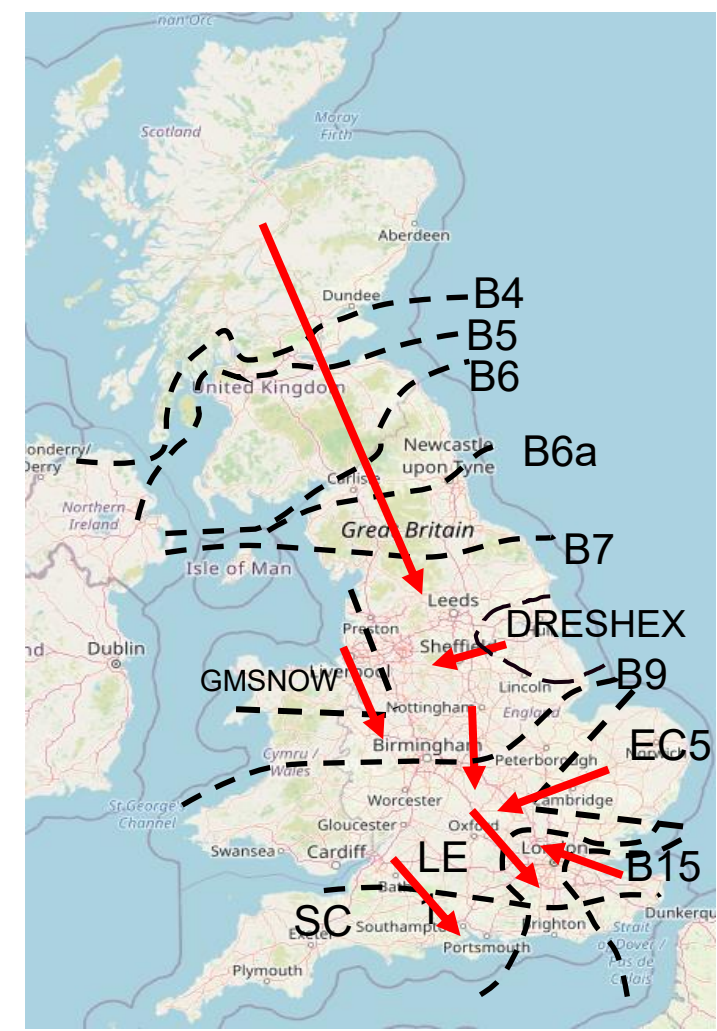


Transparency | Network Congestion

Slido code #OTF



Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	51
B6 (SCOTEX)	6800	71
B6a	8000	100
B7 (SSHARN)	9850	80
GMSNOW	5800	61
FLOWSTH (B9)	12700	83
DRESHEX	9675	76
EC5	5000	100
LE1 (SEIMP)	8750	72
B15 (ESTEX)	7500	75
SC1	7300	69



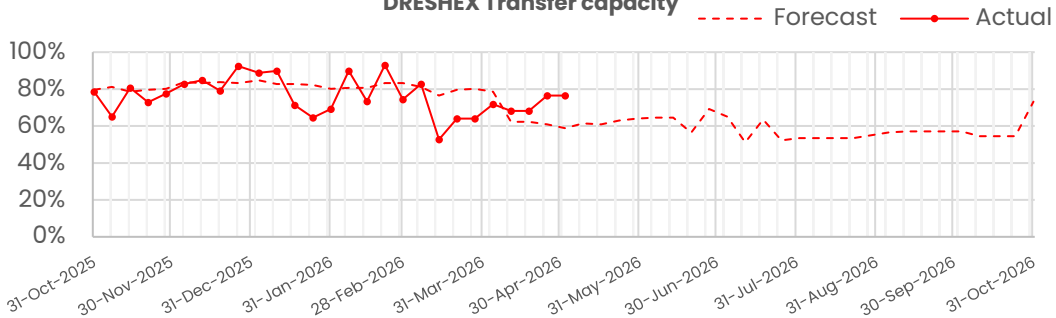
The forecast line is updated with the 12-week ahead view, and this happens each week. So, everything up to 12 weeks ahead is the forecast from 12-week ahead view, and everything after that is the fixed long-term forecast view.



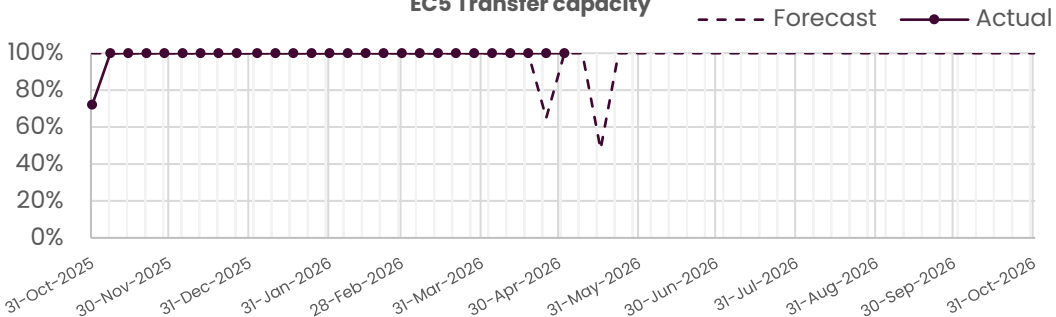
Transparency | Network Congestion

Slido code #OTF

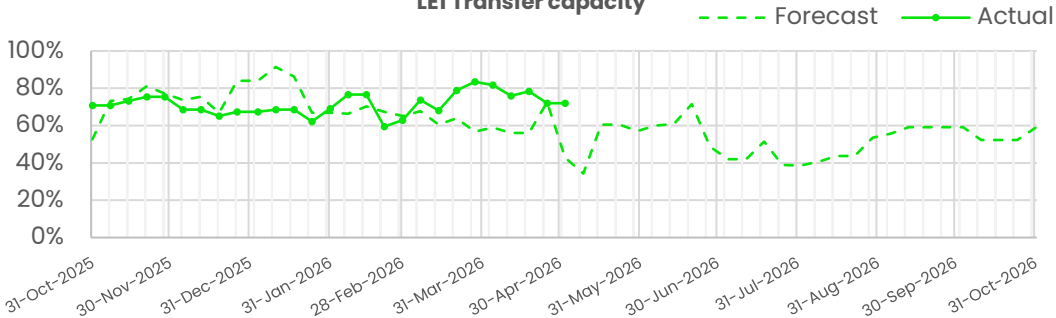
DRESHEX Transfer capacity



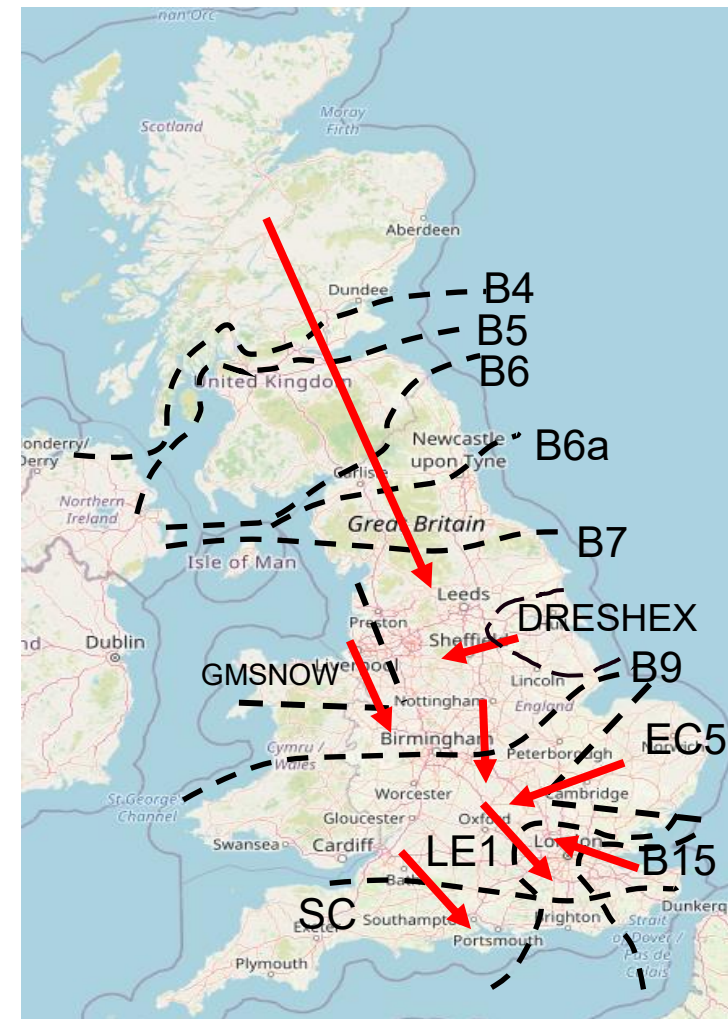
EC5 Transfer capacity



LE1 Transfer capacity



Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	51
B6 (SCOTEX)	6800	71
B6a	8000	100
B7 (SSHARN)	9850	80
GMSNOW	5800	61
FLOWSTH (B9)	12700	83
DRESHEX	9675	76
EC5	5000	100
LE1 (SEIMP)	8750	72
B15 (ESTEX)	7500	75
SC1	7300	69

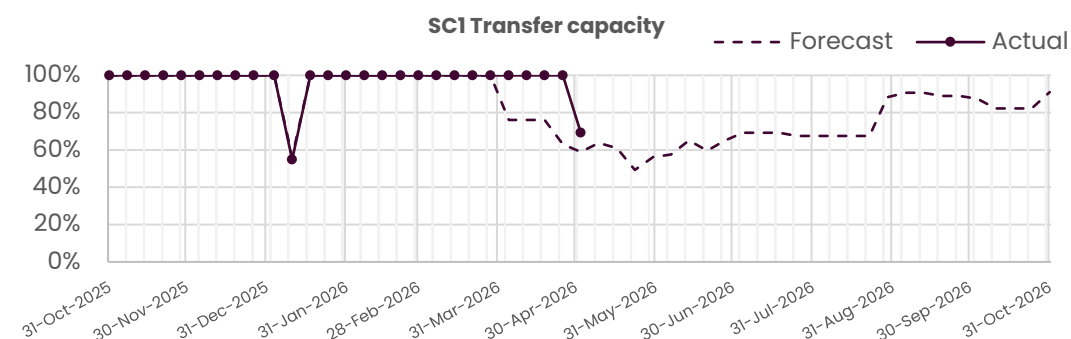
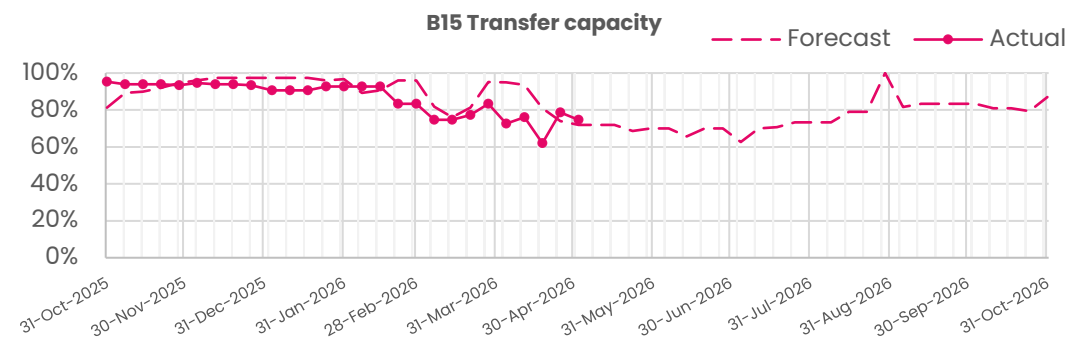


The forecast line is updated with the 12-week ahead view, and this happens each week. So, everything up to 12 weeks ahead is the forecast from 12-week ahead view, and everything after that is the fixed long-term forecast view.



Transparency | Network Congestion

Slido code #OTF

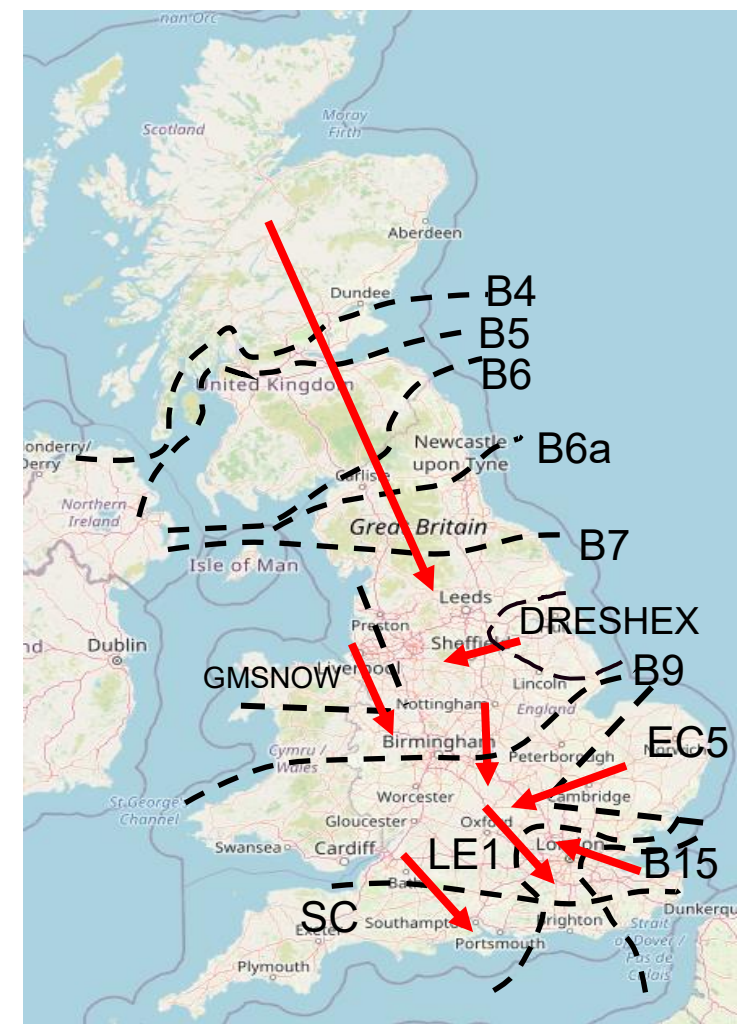


The forecast line is updated with the 12-week ahead view, and this happens each week. So, everything up to 12 weeks ahead is the forecast from 12-week ahead view, and everything after that is the fixed long-term forecast view.

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.

Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	51
B6 (SCOTEX)	6800	71
B6a	8000	100
B7 (SSHARN)	9850	80
GMSNOW	5800	61
FLOWSTH (B9)	12700	83
DRESHEX	9675	76
EC5	5000	100
LE1 (SEIMP)	8750	72
B15 (ESTEX)	7500	75
SC1	7300	69



PSA Skip Rates – bids & offers combined

Slido code #OTF

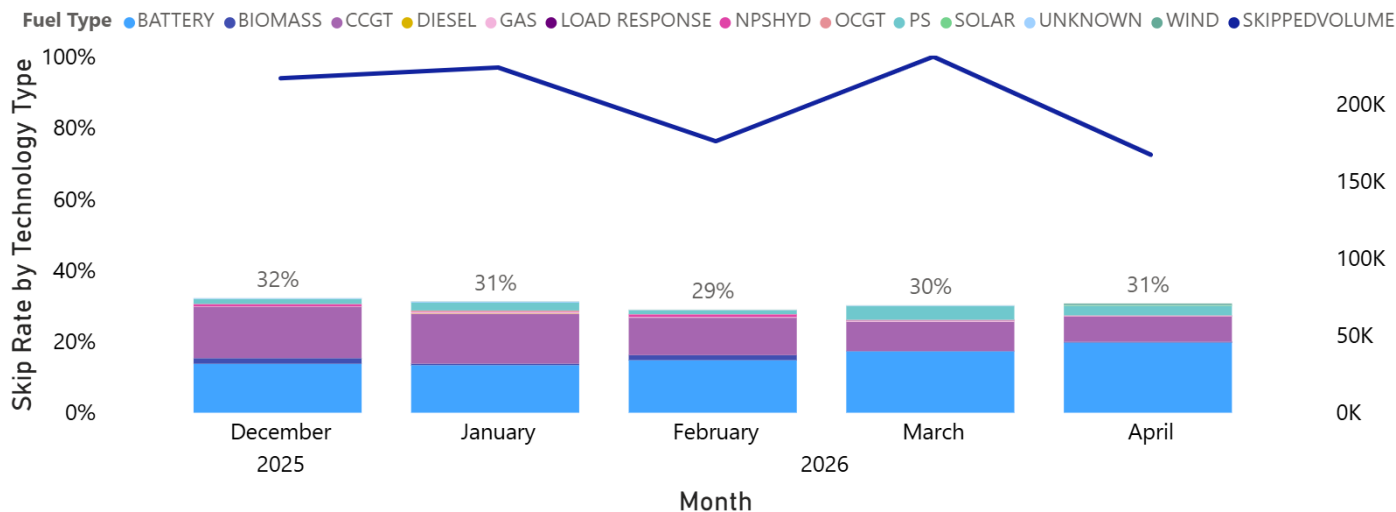
The current skip rate methodology only considers energy actions within the BM

We welcome your comments and feedback on these figures and how we present this data.

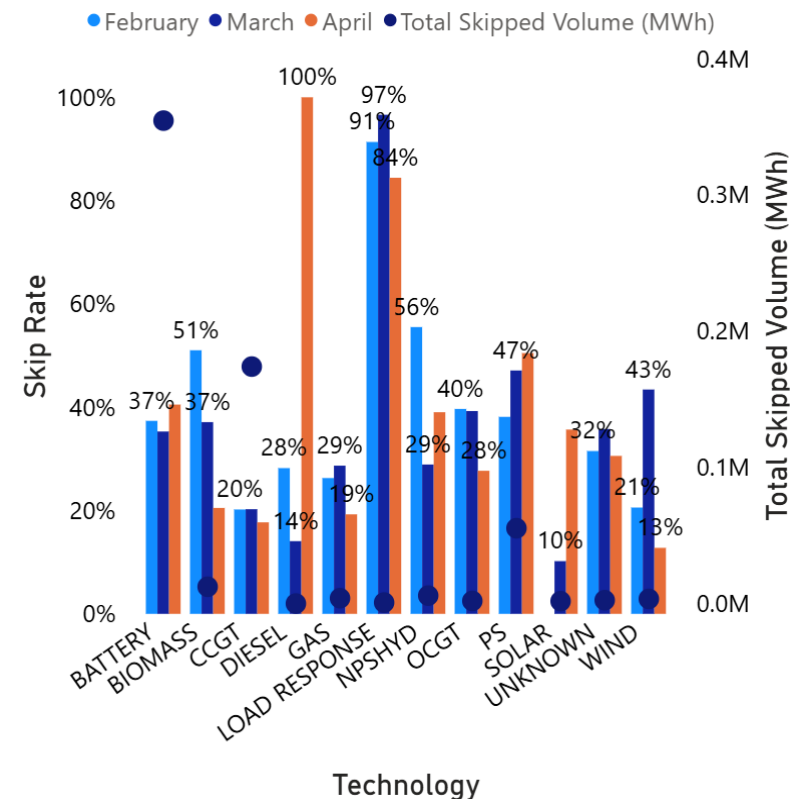
These graphs are based on stage 5 of the Post System Action definition.

Weekly Average w/e	PSA Skip Rate (%)
05/04	31%
12/04	29%
19/04	31%
26/04	31%

Relative Technology Skip Rate



Technology Specific Skip Rate – last 3 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.

Rerecorded deep dive can be found on our webpage: [here](#)

Previously Asked Questions

Slido code #OTF

Q: (22/04/2026) Can we have skip value each week, not just once a year?

A: We can't produce cost values weekly due to time taken to create them, but we will investigate what is feasible and how much interest there is from industry.

Q: (22/04/2026) Does the £2.9m / month skip cost include the cost of skipping assets behind constraints (e.g. taking wind bids when something cheaper was available in the same constraint)?

A: The £2.9m per month cost of skip figure is for energy balancing actions only, as the current skip rate methodology focuses on energy actions. Therefore, it does not include the cost of skips for actions taken to solve constraints. However, we are currently implementing a skip behind constraints methodology.

Q: (22/04/2026) How can you say so far in the future re BSUoS when NESO has asked for an urgent BSUoS mod to cover this? Suppliers need good notice on changes.

A: The mod that NESO has raised is due to a specific issue in the current BSUoS Tariff reset methodology that we have identified, specifically the recovery position that the reset methodology returns us to, not the notice period offered in the current methodology which we believe to be sufficient. We appreciate that suppliers want good notice of any need to reset BSUoS tariffs, as well as the desire for us to avoid tariff resets if possible.

Advance Questions

Slido code #OTF

Q: (27/04/2026) In last Friday's Energising Progress email bulletin NESO stated that "Yesterday, solar is then believed to have surpassed 15 GW between 1 – 1:30pm." How much confidence do you have in your solar DA / intraday estimates, i.e. how accurate do you believe them to be (+/- XMW?). Also, is there a process to subsequently revise your initial estimate?

A: Our Solar PV outturn estimates come from Sheffield Solar's PV_Live API which provides 90% confidence intervals on the data they provide via their website (<https://www.solar.sheffield.ac.uk/pvlive/>).

These estimates are revised by Sheffield Solar when further data is available usually D+1 at 11am UTC or even several months later if view of PV deployment has changed. A full breakdown of the update cycle is available via their documentation on GitHub (https://github.com/SheffieldSolar/PV_Live-API#notes-on-pv_live-gb-national-update-cycle).

Advance Questions

Slido code #OTF

Q: (24/04/2026) Can NESO please state how many PMUs you actually have had access to, for each month in 2025 and Q1 2026 and how many PMUs you are forecasting/planning you will have access to for Q2, Q3 and Q4 in 2026?

Q: (27/04/2026) At the OTF on 10 December 2025, slide 45, NESO stated that there are “currently 73 PMUs in service”. Can NESO please confirm for how long (e.g. years, months, days) they hold the data collected by PMUs in a data historian or other storage medium.

NESO OTF Q&A Guidelines

Slido code #OTF

- **Anonymous Questions:** We won't answer questions from unidentified parties live. If you need to stay anonymous, use the advance question or email options.
- **Challenge Concerns:** The OTF isn't the place to challenge actions of individual parties (except NESO). Report such concerns to the Market Monitoring team at: <mailto:box.nc.customer@neso.energy>.
- **Question Order:** We'll answer questions in the order they are upvoted. If we can't answer a question right away, we'll take it away or address it later.
- **Slido Availability:** Slido will stay open until 12:00, even if the call ends earlier, to give you more time to ask questions.
- **Q&A:** All questions asked through Slido will be recorded and published with answers in the Operational Transparency Forum Q&A on our webpage: <https://www.neso.energy/what-we-do/systems-operations/operational-transparency-forum>
- **Takeaway Questions:** These will be included in the next OTF pack. We might ask you to email us to clarify details
- **Out of Scope Questions:** These will be forwarded to the right NESO expert or team for a direct response. We might ask you to email us to ensure we have the correct contact details. For more information about the OTF's purpose and scope, check the appendix of this slide pack.

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Slido code #OTF



Audience Q&As

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

Send us your feedback..

Using the poll in Sli.do after the event.

Slido code #OTF

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

The OTF covers:

- Regular updates, deep dives, and focus topics
- NESO's operational strategies and challenges
- Data published by NESO
- Data and processes from other parties (e.g., BMRS by Elexon, consultations by Elexon, Ofgem, DESNZ)
- Industry questions (answers live or taken away for answering later)

Out of Scope

The OTF does not cover:

- Data owned by other parties
- Specific actions and decisions of the NESO Control Room
- Activities and operations of individual market participants
- NESO's policy and strategic decisions
- Formal consultations (e.g., Code Changes, Business Planning, Market Development)

Skip Rates – ‘In Merit’ datasets

Slido code #OTF

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

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

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

In Merit Volume = Accepted Volume + Skipped Volume

In Merit Volume

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

Accepted Volume

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

Skipped Volume

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

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