

Public

NESO Operational Transparency Forum

23 September 2026

Slido code #OTF

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.

Focus Topics

Today

- 23 September
 - BSUoS Draft Tariffs 2027/28
 - August balancing costs

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Future

- 30 September
 - Strategic Spatial Energy Planning Pathway Options Report



If you have questions/suggestions of areas to cover during above presentations or ideas for focus topics you would like us to consider, please send them to us at: box.nc.customer@neso.energy

Operational Review & Whistleblower investigation

External Whistleblowing investigation

- Following whistleblower allegations regarding operational decision-making and record-keeping within NESO, an independent external investigation has been launched led by Eversheds Sutherland International which will report to an independent panel
 - Full details of the terms of reference for this investigation are published on NESO's website which you can find here: <https://www.neso.energy/news/terms-reference-now-published>

Post-event regulatory review:

- Ofgem has used its regulatory powers to formally commission NESO to deliver a separate post-event review of the incidents of system stress during extreme heat across the week commencing 22 June.
 - The Terms of Reference for this review have been published on the Ofgem website: <https://www.ofgem.gov.uk/transparency-document/regulatory-review-operation-and-management-electricity-system-during-june-heat-event>
- The Focus Topic on margins during the week commencing 22 June will be delayed until this Ofgem commissioned review concludes

Operational and Market Data visibility

The way that the modern electricity system operates is changing with a growing number of assets responding to market and operational signals in different ways.

It is important that the way we operate the system and relevant market and operational arrangements keep pace with these changes. We have outlined this in detail in our [RNP call for Input on Balancing, Settlement and Dispatch](#).

The increasing levels of highly flexible market participants, including demand-side flex and non-BM generation, play an important role in supporting and managing system frequency and are part of the solution used to maintain stable operation of the electricity system.

However, when this flexibility behaves in ways that are not in line with system needs, and when this behaviour is not visible in advance to NESO, this can cause some operational challenges, particularly in a network that is heavily congested.

NESO has been investigating this over the last few months and has established a data visibility programme to further develop our situational awareness of the market.

We have been working with some stakeholders on exploring options for what can be done in this area and would welcome thoughts and insights from the wider industry.

We will share a more detailed engagement plan next week. We are committed to coming back to a future OTF to talk through these challenges, the modelling and analysis completed so far, and how they align with the wider work happening in RNP.

Network Access Planning (NAP) OC2 Forum

Event details (Teams)

Date: **Thursday 1 October**

Time: **10:00–12:30**

Please sign up using this [registration link](#)



About the OC2 Forum

The OC2 Forum brings customers and stakeholders together to discuss **outage coordination** and **network access planning**. It will include presentations, discussion and a Q&A with members of our NAP and System Operations Team. It's an opportunity to provide feedback, influence future processes and connect with industry peers.

Who should attend?

The event is open to anyone involved in, or affected by, outage coordination and network access planning, including Transmission Owners (TOs), Offshore TOs, Distribution Network Operators (DNOs), generators, interconnectors and anyone interested in system access reforms.



C9 Ad Hoc Review: Consultation published

NESO has [published an "ad hoc" consultation](#) outside of the annual C9 review process to facilitate changes to one of the Balancing Service Statements which need to take effect prior to April 2027.

We invite all BSC and interested parties to review and provide feedback on changes proposed to the **Applicable Balancing Services Volume Data Methodology Statement (ABSVD)**, in accordance with the Electricity System Operator (ESO) Licence Condition C9: Procurement and Use of Balancing Services.

The consultation will run for 28 days. The revised statement will go live on 1 November 2026.

The changes cover the below:

- Demand Flexibility Service volumes – 'Delivered' replaced with 'Settled'
- Addition of Quick and Slow Reserve Services (through DNO voltage control).

Responses should be submitted using the Appendix – Ad hoc C9 consultation response proforma and emailed to box.EFTConsultations@neso.energy.

If you do not wish any elements of your response to be made publicly available, please mark these as confidential.

Reminders of the items in scope and deadlines will be shared at Operational Transparency Forums until the closing date of the consultation.

Consultation closes: **13 October at 5:00pm**

To keep up to date with C9 communications and publications, please subscribe to the [balancing services mailing list](#).

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Ad Hoc C9 Timeline



CONSULTATION OPENS

15 September 2026



CONSULTATION CLOSES

13 October 2026



REVISED STATEMENT PUBLISHED BY NESO

30 October 2026



REVISED C9 STATEMENT EFFECTIVE DATE

1 November 2026

Skips Behind Thermal Constraints: webinar materials and upcoming drop-in sessions

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Thank you to everyone who joined our Skips Behind Thermal Constraints webinar on **17 September**. The slides, recording and Q&A are now available: [View webinar materials](#)

Upcoming drop-in sessions: Skip Rates Behind Active Thermal Constraints

30 September: [Register here](#)

13 October: [Register here](#)

* Please note that we will not be presenting any material during these drop-in sessions, as they are designed to be interactive discussions focused on answering your questions and encouraging two-way conversation.

Settlements Updates

Exelon DCP pause

EL04799: temporary pause on new MSID and AMSID pair submissions

Submissions are paused following an incident affecting Exelon's Data and Calculations Platform (DCP).

Impact – NESO cannot submit ABSVD (Applicable Balancing Services Volume Data) for NBM providers.

Next Steps – Make retrospective updates alongside future settlement runs once the pause is lifted.

Reserve corrections

Status: **Adjustments delayed**

Impact

- IBOD and tender-file adjustments are delayed.
- I014 remediation is now the priority.

Next steps

- Recalculate Reserve after the I014 correction.
- Include provider adjustments in a future invoice cycle.

I014 processing issue

Status: **Fix implemented and Re-calculations required**

Impact

Data processed since May may be shifted by one hour.

- Affected services: Reserve, Hydro, Mandatory Frequency Response and Reactive.
- August data is prioritised for final invoicing.

Next steps

- Re-run the last three months, issue adjustments and investigate provider-reported anomalies.

box.settlement.queries@neso.energy

Future Event Summary

Slido code #OTF

Event	Date & Time	Link
NAP OC2 Forum	1 October (10:00–12:30)	Register Link
C9 Ad Hov Review	Closes: 13 October (17:00)	Consultation document
Skips Behind Thermal Constraints: drop-in sessions	30 September (10:00–10:45)	Drop-In sessions: Skip Rates Behind Active Thermal Constraints
BSUoS Draft Tariff Webinar	1 October (14:00– 15:00)	Register here
Skips Behind Thermal Constraints: drop-in sessions	13 October (11:00–12:00)	Drop-In sessions: Skip Rates Behind Active Thermal Constraints

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

Public

BSUoS Draft Tariffs 2027/28

Nick Everitt

Draft Tariffs 2027/28

Financial Year 2027/28 – BSUoS Draft Tariff 9		
BSUoS Draft Tariff 9 Apr 27 – Sep 27	Description	BSUoS Draft Tariff
	Balancing Cost Forecast £m	1,623.8
	Internal Costs £m	398.9
	Forecast under-recovery to the end of FT8, split between DT9 and DT10 £m	531.0
	CMP398 Costs £m	24.0
	SO-TO Costs £m	2.0
	Total Costs £m	2,579.6
	BSUoS Volume Forecast TWh	119.0
	BSUoS Tariff £/MWh	£21.67

Financial Year 2027/28 – BSUoS Draft Tariff 10		
BSUoS Draft Tariff 10 Oct 27 – Mar 28	Description	BSUoS Draft Tariff
	Balancing Cost Forecast £m	1,753.0
	Internal Costs £m	398.9
	Forecast under-recovery to the end of FT8, split between DT9 and DT10 £m	531.0
	CMP398 Costs £m	24.0
	SO-TO Costs £m	2.0
	Total Costs £m	2,708.9
	BSUoS Volume Forecast TWh	147.1
	BSUoS Tariff £/MWh	£18.42



BSUoS Fixed Tariff Timetable

- **Upcoming Publication Dates:**
 - **December 2026**
 - Final Tariff 9 (Apr 27 – Sep 27) and Tariff 10 (Oct 27 – Mar 28)

Publish Final Tariff (FT)

Effective Tariff Period

Publish Draft Tariff (DT)

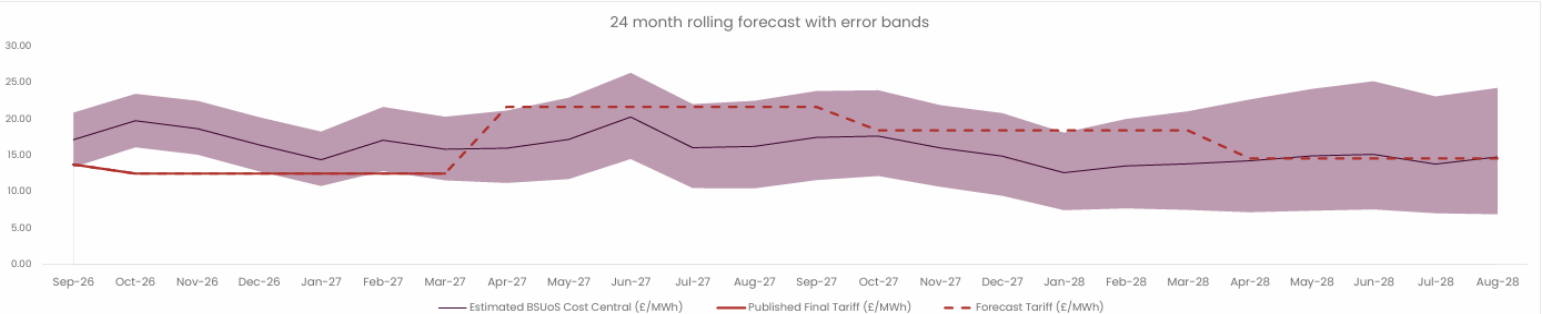
2026/27												2027/28												2028/29					
Apr 26	May 26	Jun 26	Jul 26	Aug 26	Sep 26	Oct 26	Nov 26	Dec 26	Jan 27	Feb 27	Mar 27	Apr 27	May 27	Jun 27	Jul 27	Aug 27	Sep 27	Oct 27	Nov 27	Dec 27	Jan 28	Feb 28	Mar 28	Apr 28	May 28	Jun 28			
Fixed Tariff 7 in effect																													
					Fixed Tariff 8 in effect																								
					DT9			FT9					Fixed Tariff 9 in effect																
					DT10			FT10											Fixed Tariff 10 in effect										
																	DT11			FT11				Fixed Tariff 11					
																	DT12			FT12									

Monthly Reporting

Following industry feedback, our monthly BSUoS forecast now includes an indicative tariff forecast, based on the latest monthly cost, volume and BSUoS cash position forecasts.

Public

BSUoS Forecast for Oct-2026



	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	Jul-28	Aug-28
Balancing Costs (Central) £m	294.5	390.3	390.9	353.7	311.6	343.4	310.5	268.0	266.6	312.8	241.6	246.1	285.4	327.0	318.4	312.0	260.1	262.3	258.5	230.0	226.7	219.3	200.1	222.1
Balancing Costs (Upper) £m	373.0	476.2	483.5	450.6	412.7	451.4	417.0	377.2	378.9	427.1	358.1	368.9	414.4	469.2	460.7	464.8	404.5	418.7	430.2	404.0	407.6	408.0	380.1	408.3
Balancing Costs (Lower) £m	214.2	305.1	302.7	259.4	215.7	241.9	207.6	166.3	159.0	203.5	132.8	132.8	165.3	202.5	188.3	170.9	124.1	119.5	106.8	83.0	77.8	76.2	68.2	67.4
Estimated Internal BSUoS & NESO Incentive £m	65.6	67.8	65.6	67.8	67.8	61.2	67.8	65.4	67.6	65.4	67.6	67.6	65.4	67.6	65.4	67.6	67.6	63.2	67.6	65.4	67.6	65.4	67.6	67.6
Winter Security of Supply Cost £m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CMP398/412 Claim Costs £m	-	-	-	-	-	-	-	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	-	-	-	-
Interest Repayment £m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total BSUoS (Central) £m	360.1	458.1	456.5	421.5	379.4	404.6	378.3	337.4	338.2	382.2	313.2	317.7	354.8	398.6	387.8	383.6	331.7	329.5	330.1	295.4	294.3	284.7	267.7	289.7
Total BSUoS (Upper) £m	438.6	544.0	549.1	518.4	480.5	512.6	484.8	446.6	450.5	496.5	429.7	440.5	483.8	540.8	530.1	536.4	476.1	485.9	501.8	469.4	475.2	473.4	447.7	475.9
Total BSUoS (Lower) £m	279.8	372.9	368.3	327.2	283.5	303.1	275.4	235.7	230.6	272.9	204.4	204.4	234.7	274.1	257.7	242.5	195.7	186.7	178.4	148.4	145.4	141.6	135.8	135.0
Estimated BSUoS Volume (TWh)	21.0	23.2	24.4	25.6	26.3	23.7	23.9	21.1	19.7	18.9	19.5	19.6	20.3	22.6	24.2	25.8	26.3	24.3	23.9	20.7	19.7	18.8	19.4	19.6
Estimated BSUoS Cost Central (£/MWh)	17.14	19.75	18.68	16.44	14.40	17.07	15.84	15.98	17.19	20.27	16.07	16.22	17.47	17.64	16.01	14.88	12.61	13.56	13.84	14.26	14.93	15.14	13.80	14.77
Estimated BSUoS Cost Upper (£/MWh)	20.88	23.46	22.48	20.22	18.24	21.63	20.30	21.15	22.90	26.34	22.05	22.49	23.82	23.94	21.88	20.80	18.10	19.99	21.04	22.66	24.11	25.17	23.08	24.26
Estimated BSUoS Cost Lower (£/MWh)	13.32	16.08	15.07	12.76	10.76	12.79	11.53	11.16	11.72	14.48	10.49	10.43	11.55	12.13	10.64	9.40	7.44	7.68	7.48	7.16	7.38	7.53	7.00	6.88
BSUoS Tariff Forecast																								
Published Final Tariff (£/MWh)	13.74	12.49	12.49	12.49	12.49	12.49	12.49	12.49																
Carried Forward Over/Under-Recovery (as of 10 Sep 2026)	-	-	-	-	-	-	-	-	87.0	90.0	87.0	90.0	90.0	87.0	90.0	87.0	90.0	90.0	84.1	90.0	0.0	0.0	0.0	0.0
Total Forecast Tariff Costs (£m)	-	-	-	-	-	-	-	-	425.3	429.0	470.1	404.0	408.5	442.7	491.3	477.6	476.3	424.4	416.4	422.8	295.4	294.3	284.7	289.7
Forecast Tariff (£/MWh)									21.67	21.67	21.67	21.67	21.67	21.67	21.67	18.42	18.42	18.42	18.42	18.42	14.57	14.57	14.57	14.57

[Download the October BSUoS Forecast](#)



BSUoS Draft Tariff Webinar

For more information, we are holding a webinar on 1 October at 2pm to talk through the tariffs and answer any questions from industry.

[Register for the BSUoS Webinar](#)

The Balancing Service Use of System (BSUoS) Draft Tariff Report for 2027/28 can also be found below.

[Download the tariff report](#)

For any BSUoS related questions please email us.

BSUoS.queries@neso.energy

September 2026

BSUoS Draft Tariffs for 2027/28

Draft Tariff 9 (April 2027 – September 2027)

Draft Tariff 10 (October 2027 – March 2028)

Version 1.0



Public

Monthly Balancing Cost Update

August 2026

Cost and Operational
Insights Team

Monthly Cost Summary

Slido code #OTF

Balancing costs in August 2026 were £242m.

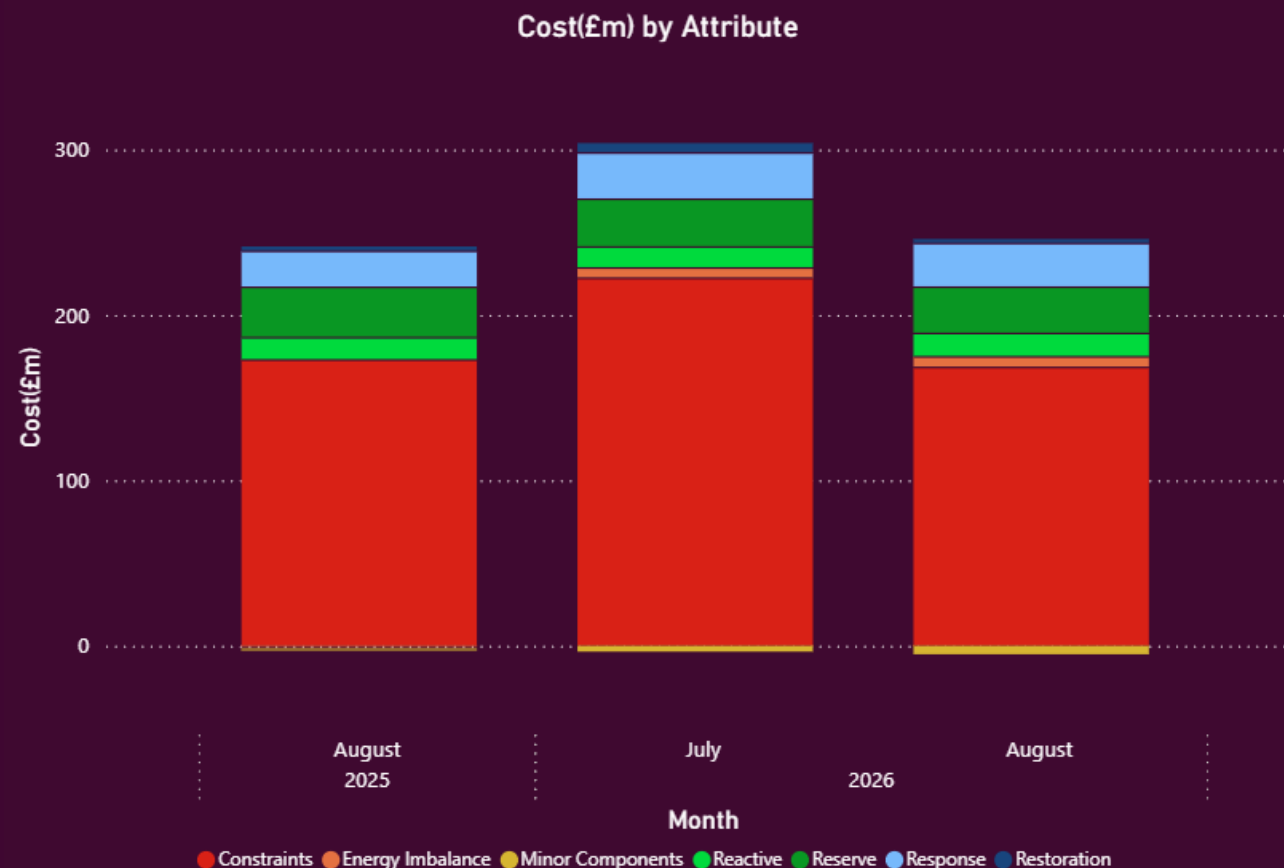
This was a decrease of £58.7m on last month and a slight increase of £2.6m from August last year.

Wind outturn was similar to July at 3.96 TWh, down from 4.01 TWh.

Non-constraint costs decreased by £5m. A slight increase in Reactive spend was outweighed by lower costs for Response, Reserve and Restoration.

A reduction in the exceptionally high embedded solar generation of July led to voltage and inertia costs dropping significantly in August compared to last month.

A lower volume of actions compared to August last year did not result in lower costs, due to gas and power price increases.



Voltage: £22.1m ↓

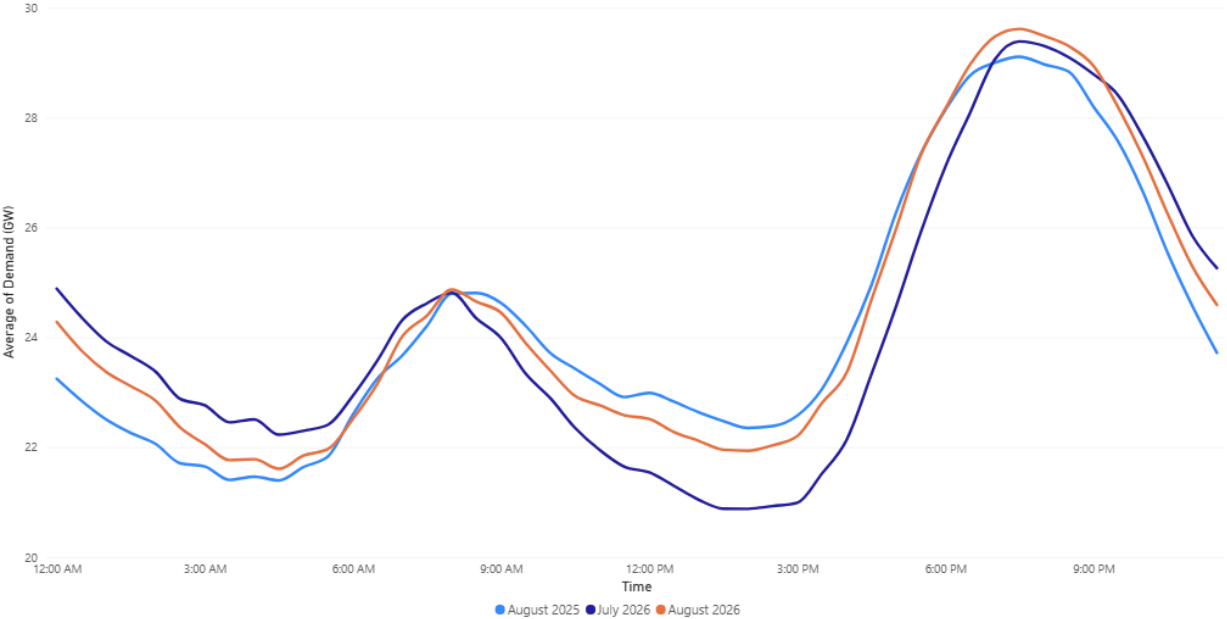
Thermal: £141m ↓

Inertia: £3.8m ↓

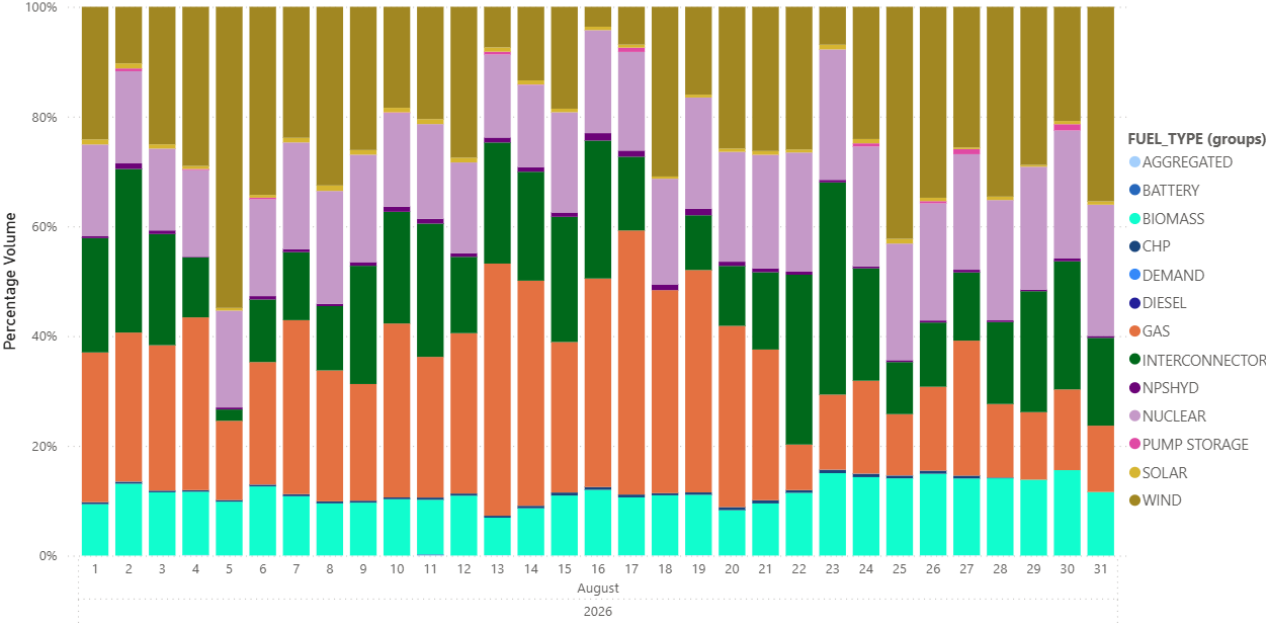
System Conditions

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Average Transmission System Demand (GW)



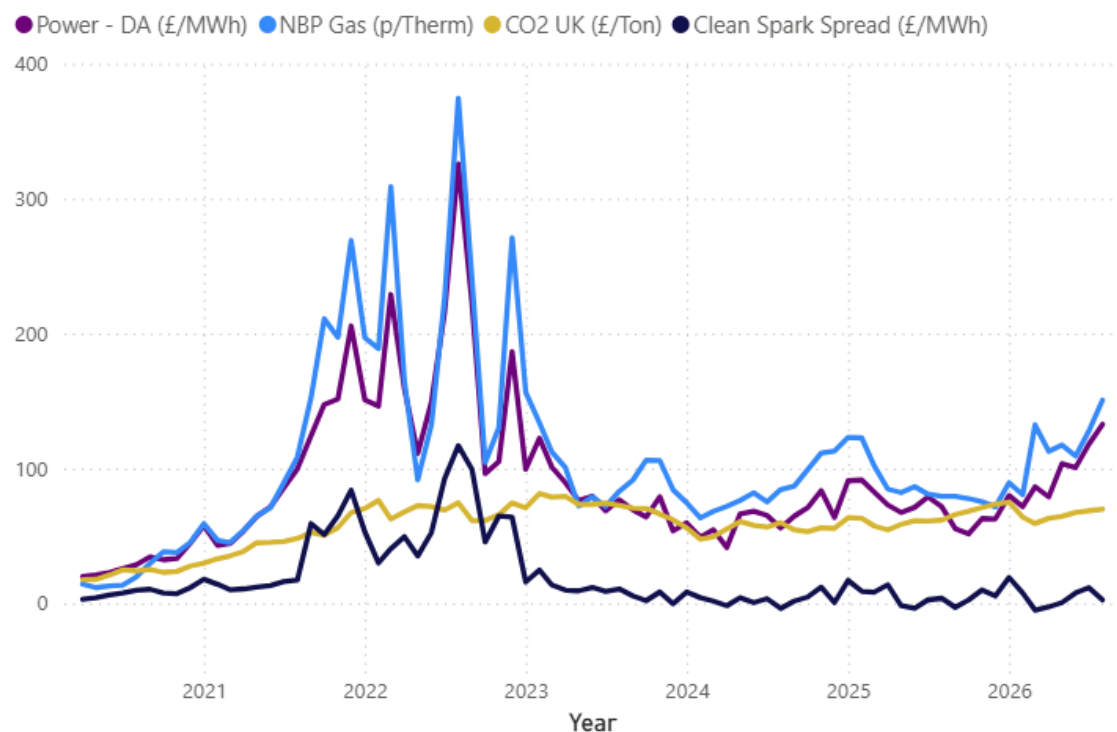
Generational Volume Percentage by Fuel Type



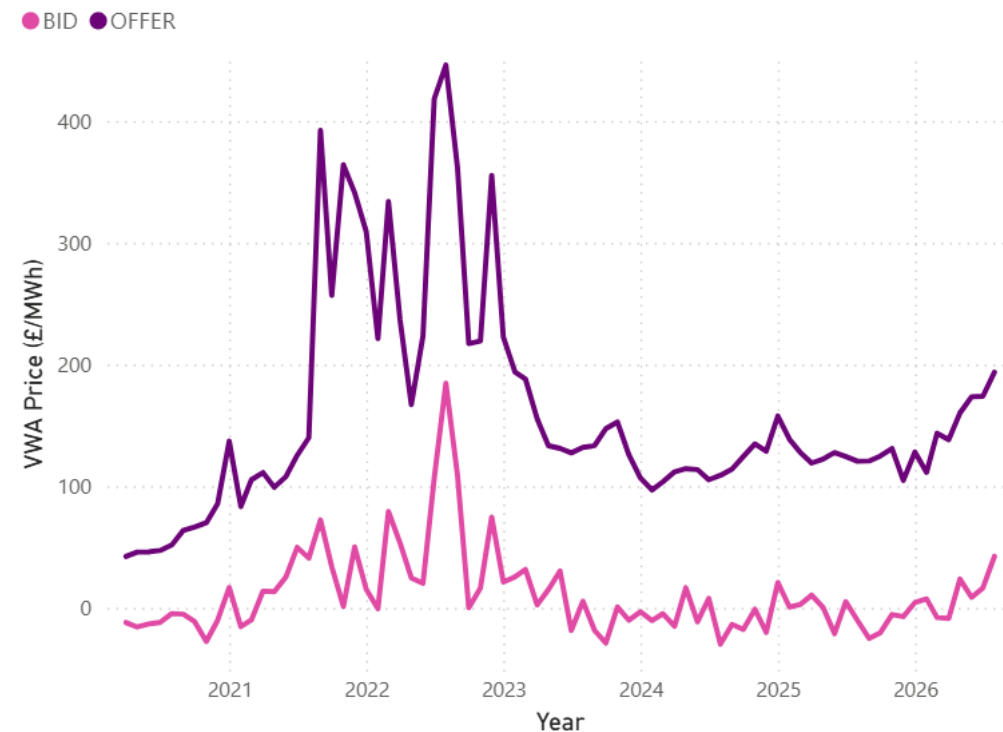
Market Conditions

	DA Power Price	VWA offer price	VWA bid price
M-o-m change	↑ +£15/MWh	↑ +£20/MWh	↑ +£26/MWh
Y-o-y	↑ +£61/MWh	↑ +£73/MWh	↑ +£53/MWh

Day Ahead Market Trends (2020-2026)



VWA Price for Bids and Offers



Daily Costs and Volumes

The highest cost day was 7th August at £19.5m.

- A high wind outturn in Scotland with actions required to manage thermal constraints contrasted with a low wind outturn in England & Wales and tight margins in the south.
- Just under 98% of costs on 7th August were attributed to constraints, including £13.4m on thermal constraints in Scotland.

Daily average cost was £7.8m, approximately a £2m decrease on the previous month.

Key trends from previous month:

	Constraint	Non-constraint
Cost	↓ -24%	↓ -6.3%
Volume	↓ -18%	↓ -17%

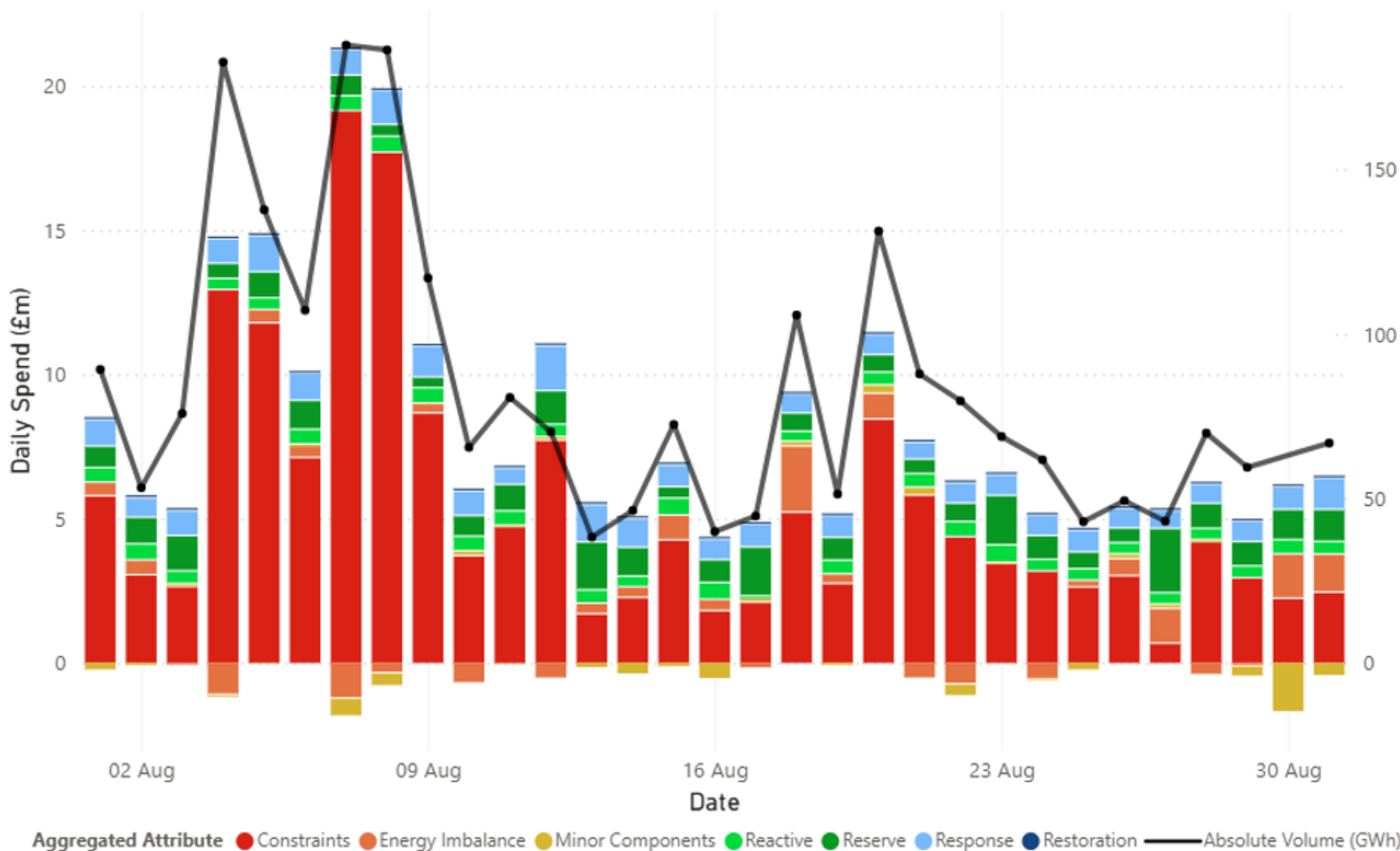


Daily average cost:

£7.8m

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Daily Cost and Volume by Action Type



Wind Outturn

Overall wind outturn fell to 3.96 TWh in August from 4.01 TWh in July.

There was a 200GWh decrease in the amount of wind curtailment compared to July and a 398GWh decrease from August 2025.

The highest volume wind curtailment days were at the start of the month:

- 8th August (74GWh) – Second highest cost day
- 7th August (54GWh) – Highest cost day
- 5th August (43GWh) – Highest wind outturn day

	Total	England & Wales	Scotland
Wind Outturn (GWh)	3958	2390	1568
Wind Curtailment (GWh)*	413	16	395

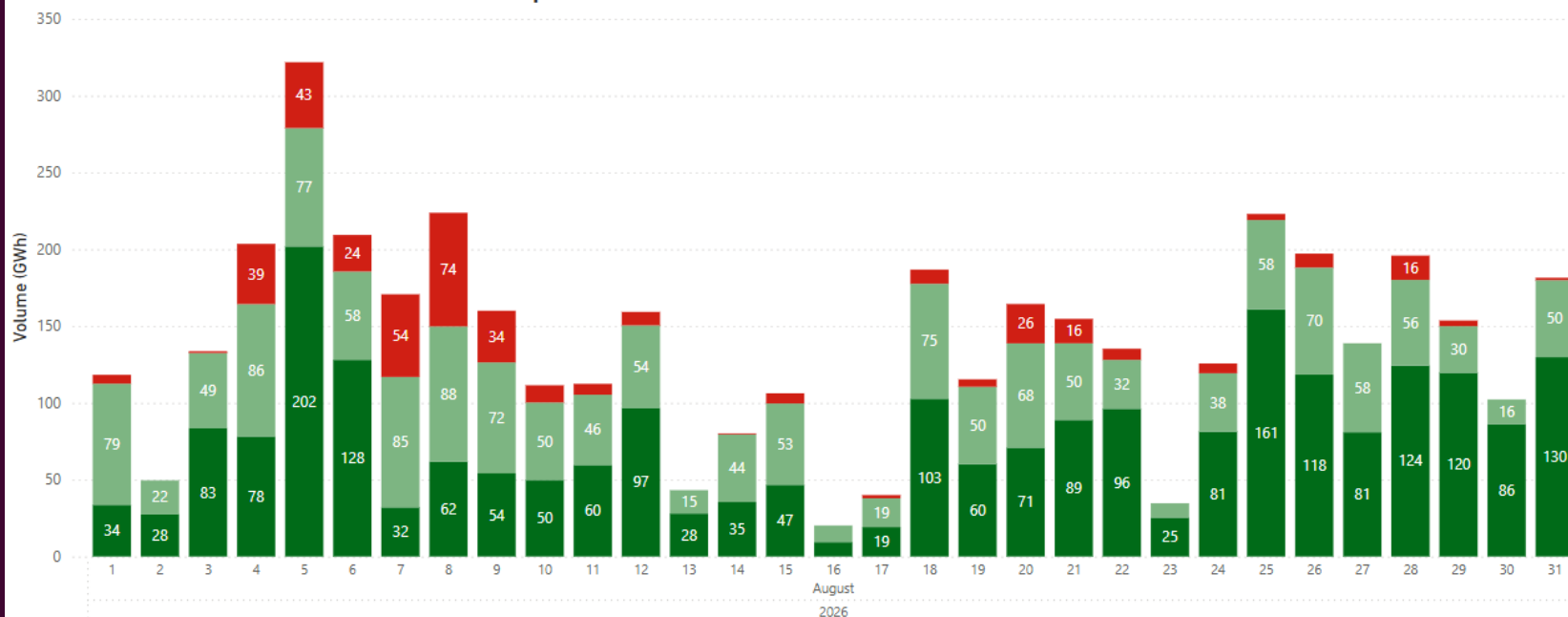


Monthly wind curtailment %:

9.5%

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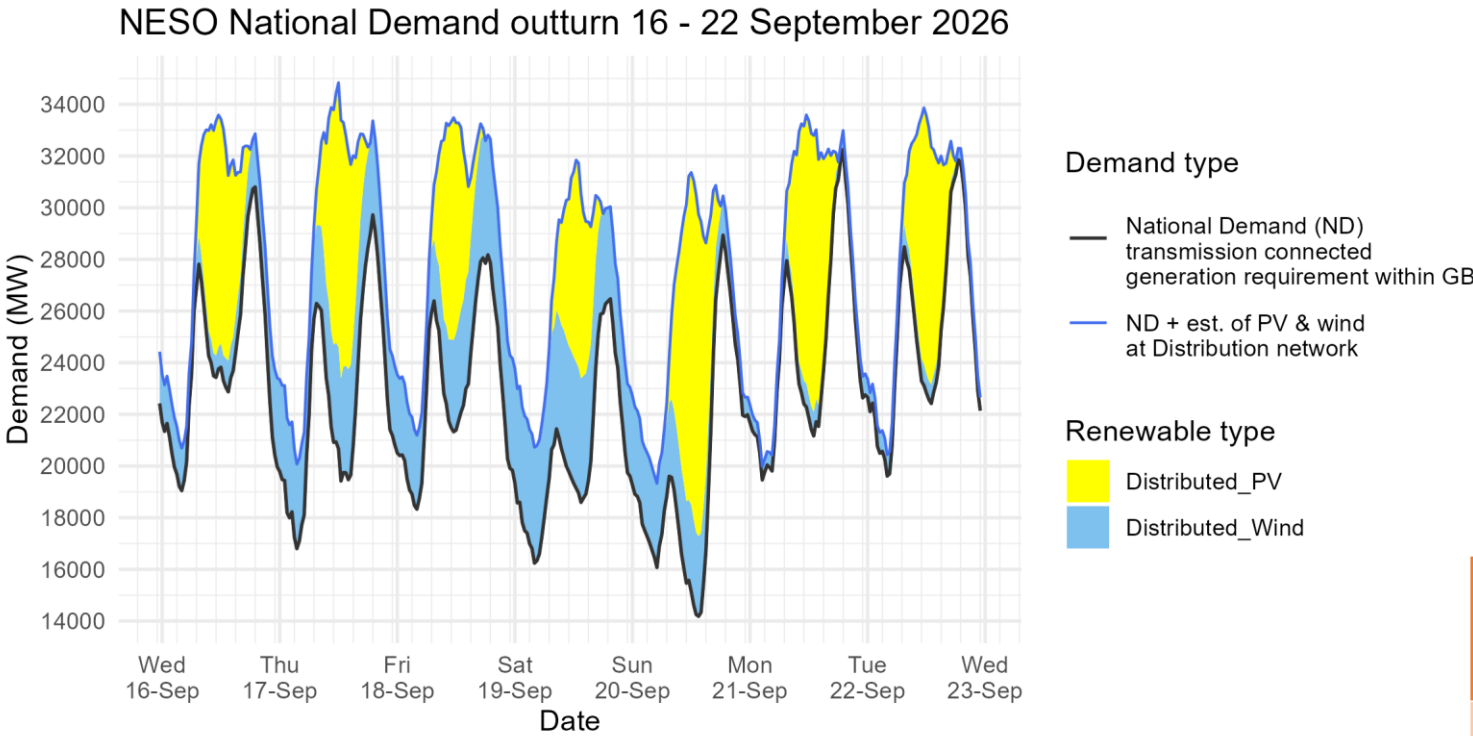
Operational Wind Outturn and Wind Curtailment Volumes



*These figures may not match exactly due to data categorisation.

Demand | Last week demand out-turn

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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.

Distributed generation
Peak values by day

OUTTURN		
Date	Daily Max Dist. PV (GW)	Daily Max Dist. Wind (GW)
16 Sep 2026	9.1	3.3
17 Sep 2026	10.2	4.3
18 Sep 2026	8.6	4.8
19 Sep 2026	7.9	4.9
20 Sep 2026	13.1	3.5
21 Sep 2026	10.7	0.9
22 Sep 2026	10.0	0.9

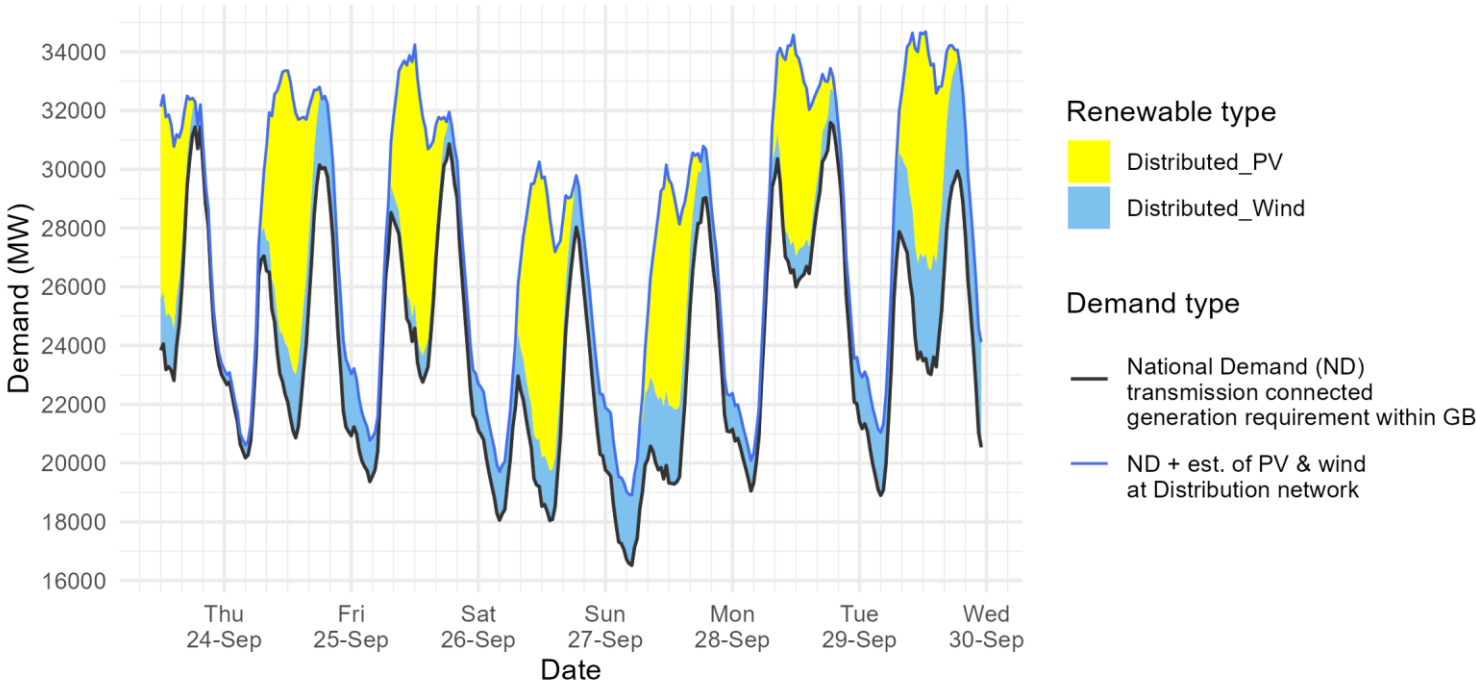
National Demand
Minimum Demands

		FORECAST (Wed 16 Sep)			OUTTURN		
Date	Forecasting Point	National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)	National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)
16 Sep 2026	Daytime Min	24.2	1.2	5.5	22.9	1.2	7.2
17 Sep 2026	Overnight Min	18.2	3.3	0.0	16.8	3.3	0.0
17 Sep 2026	Daytime Min	21.1	1.9	7.4	19.4	4.0	10.0
18 Sep 2026	Overnight Min	19.9	1.4	0.0	18.3	2.9	0.0
18 Sep 2026	Daytime Min	23.4	1.9	5.6	21.3	3.5	8.6
19 Sep 2026	Overnight Min	19.1	1.4	0.0	16.2	4.5	0.0
19 Sep 2026	Daytime Min	19.9	1.9	6.2	18.6	4.8	7.2
20 Sep 2026	Overnight Min	18.1	1.4	0.0	16.1	3.3	0.0
20 Sep 2026	Daytime Min	19.2	1.9	7.5	14.2	3.1	12.5
21 Sep 2026	Overnight Min	18.9	1.4	0.0	19.5	0.5	0.0
21 Sep 2026	Daytime Min	24.5	1.9	6.2	21.2	0.9	10.7
22 Sep 2026	Overnight Min	19.8	1.4	0.0	19.6	0.8	0.0
22 Sep 2026	Daytime Min	23.8	1.9	7.8	22.4	0.7	9.2



Demand | Week Ahead

NESO Demand forecast for 23 - 29 September 2026



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](#)

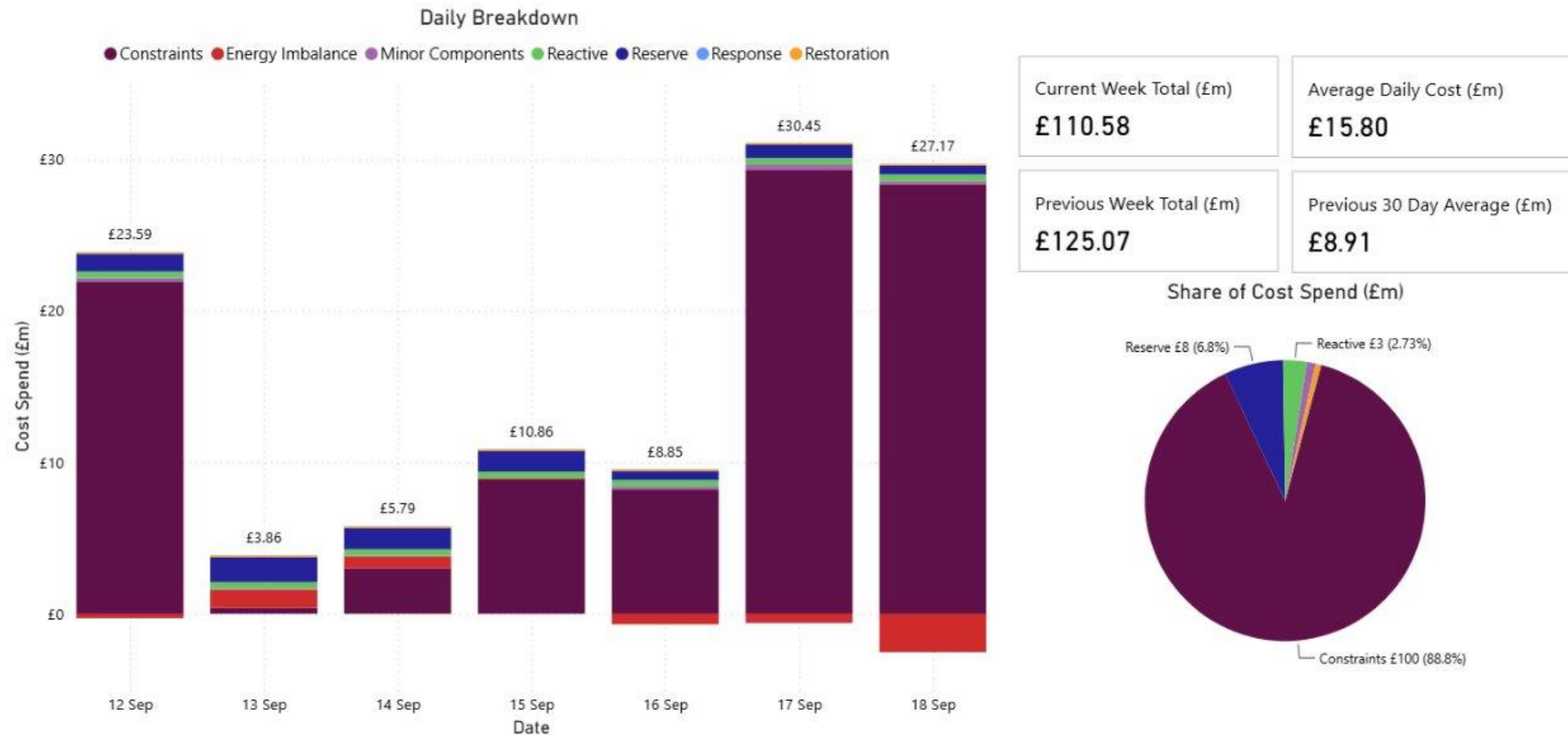
From March to October, the table will display overnight minimum (between 00:00 and 07:30) and daytime minimum (between 07:30 and 16:30) as well as an additional column: distributed PV.

National Demand
Minimum Demands

		FORECAST (Wed 23 Sep)		
Date	Forecasting Point	National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)
23 Sep 2026	Daytime Min	22.8	1.8	6.2
24 Sep 2026	Overnight Min	20.2	0.4	0.0
24 Sep 2026	Daytime Min	20.9	2.1	8.9
25 Sep 2026	Overnight Min	19.4	1.4	0.0
25 Sep 2026	Daytime Min	22.8	0.9	8.1
26 Sep 2026	Overnight Min	18.1	1.7	0.0
26 Sep 2026	Daytime Min	18.0	1.7	8.6
27 Sep 2026	Overnight Min	16.5	2.4	0.0
27 Sep 2026	Daytime Min	19.0	2.5	0.8
28 Sep 2026	Overnight Min	19.0	1.0	0.0
28 Sep 2026	Daytime Min	26.0	1.0	6.9
29 Sep 2026	Overnight Min	18.9	2.1	0.0
29 Sep 2026	Daytime Min	23.0	3.5	7.0

NESO Actions | Category Cost Breakdown

Slido code #OTF



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

Contact us on box.nc.customer@neso.energy

NESO Actions | Constraint Cost Breakdown

Slido code #OTF

Thermal Constraints

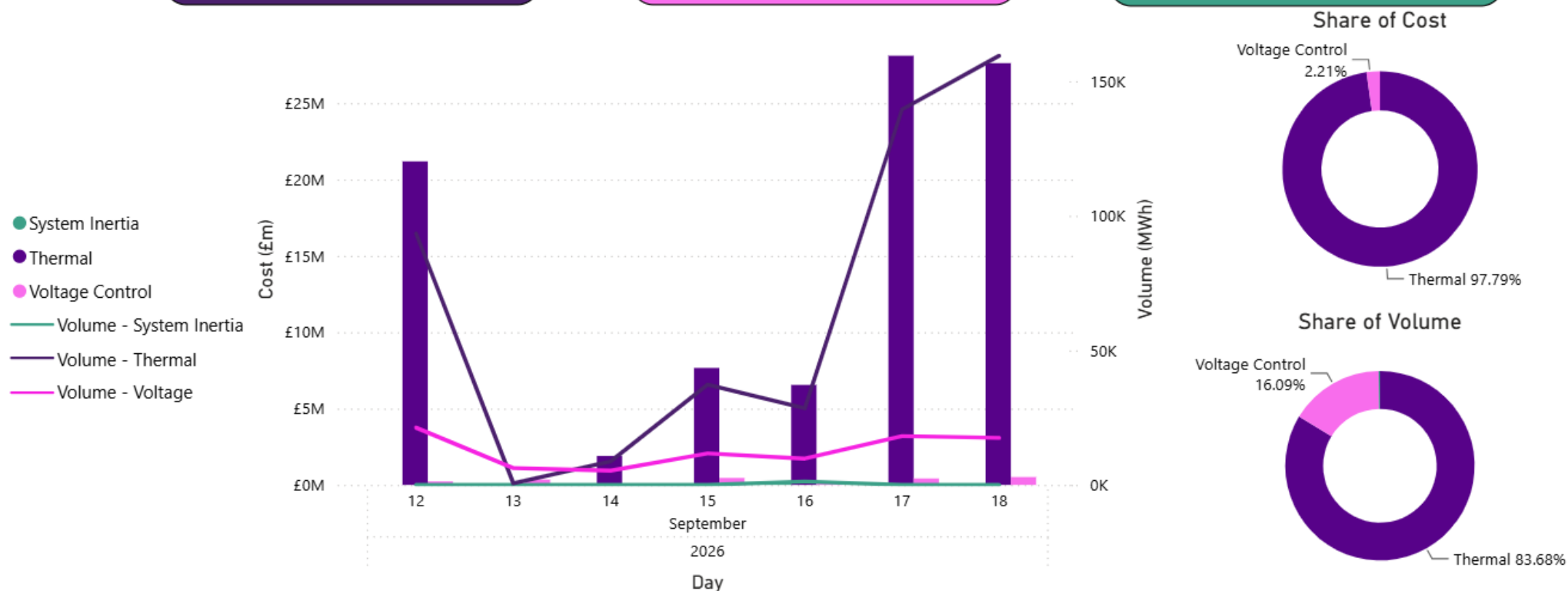
Costs (£)	Volume (MWh)
£98.01M	467K

Voltage Constraints

Costs (£)	Volume (MWh)
£2.21M	90K

System Inertia

Costs (£)	Volume (MWh)
£700.42	1K



Note: Volume is reported as an absolute figure.

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NESO Actions | Settlement Periods of Interest

Slido code #OTF

Highest Costing Settlement Period

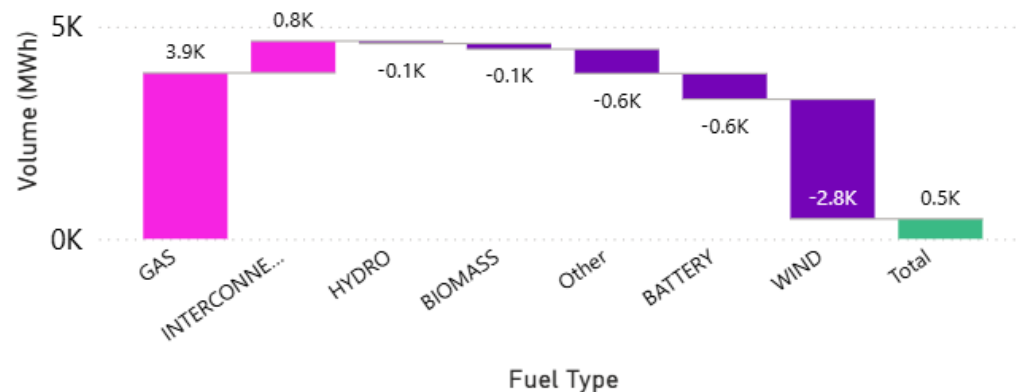
Settlement Date	Settlement Period	Approximate Cost
17/09/2026	40	£1M

Lowest Costing Settlement Period

Settlement Date	Settlement Period	Approximate Cost
13/09/2026	28	£5K

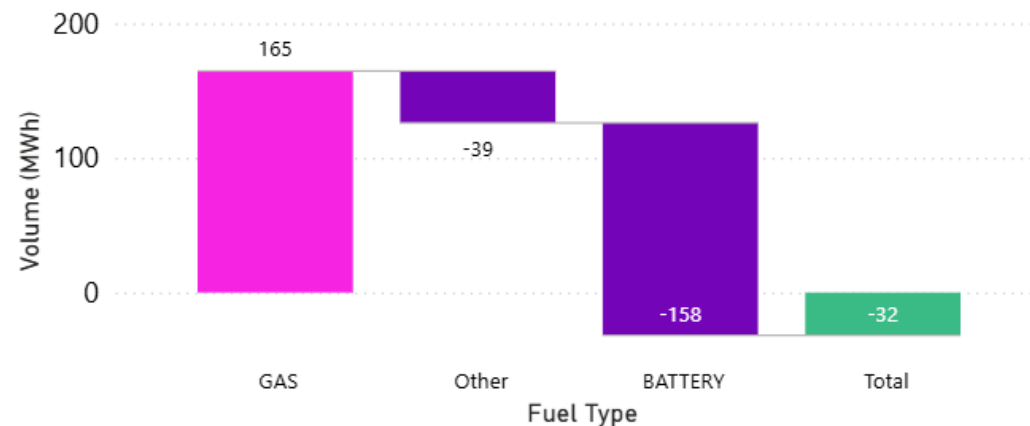
Volume of Actions by Fuel Type

● Increase ● Decrease ● Total



Volume of Actions by Fuel Type

● Increase ● Decrease ● Total



Volume shown here is the net volume of actions taken, showing overall increase or decrease in generation from BM units of these fuel types.



NESO Actions | Settlement Periods of Interest

Slido code #OTF

Highest Demand Period

Settlement Date

17/09/2026

Settlement Period

40

Demand (MW)

34K

Approximate Cost

£1M

Minimum Demand Period

Settlement Date

12/09/2026

Settlement Period

6

Demand (MW)

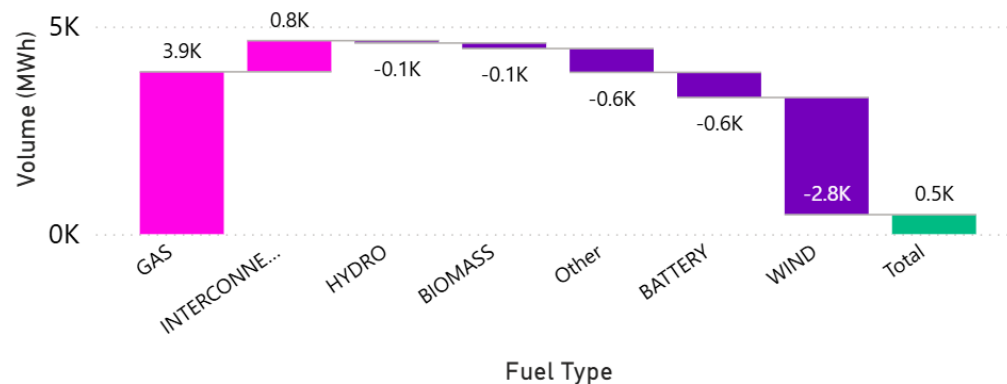
20K

Approximate Cost

£610K

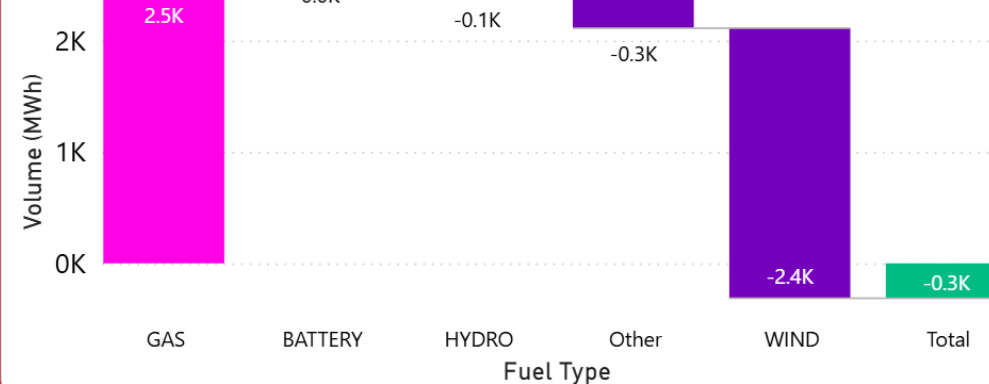
Volume of Actions by Fuel Type

● Increase ● Decrease ● Total



Volume of Actions by Fuel Type

● Increase ● Decrease ● Total



Volume shown here is the net volume of actions taken, showing overall increase or decrease in generation from BM units of these fuel types.

Contact us on box.nc.customer@neso.energy

NESO Actions | Highest Costing Day

Share of Action Cost Spend

● BID ● OFFER

11.00%

89.00%

Settlement Date

17 September 2026

Cost (£m)

£30.45

Bid Spend (£) by GSP



Offer Spend (£) by GSP



-£218.00K

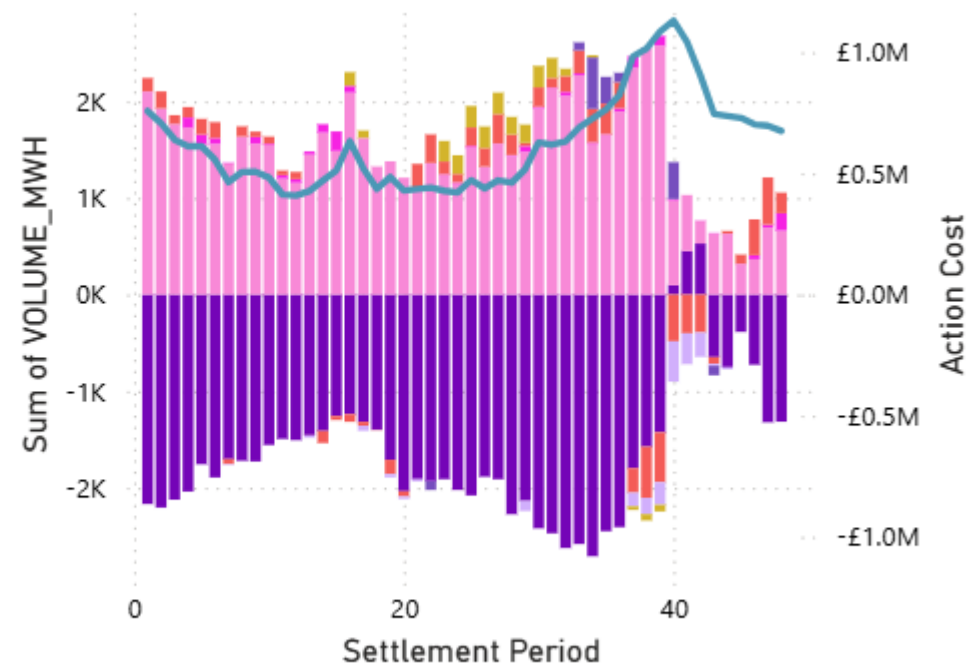
Approximate Cost

£0

£5.30M

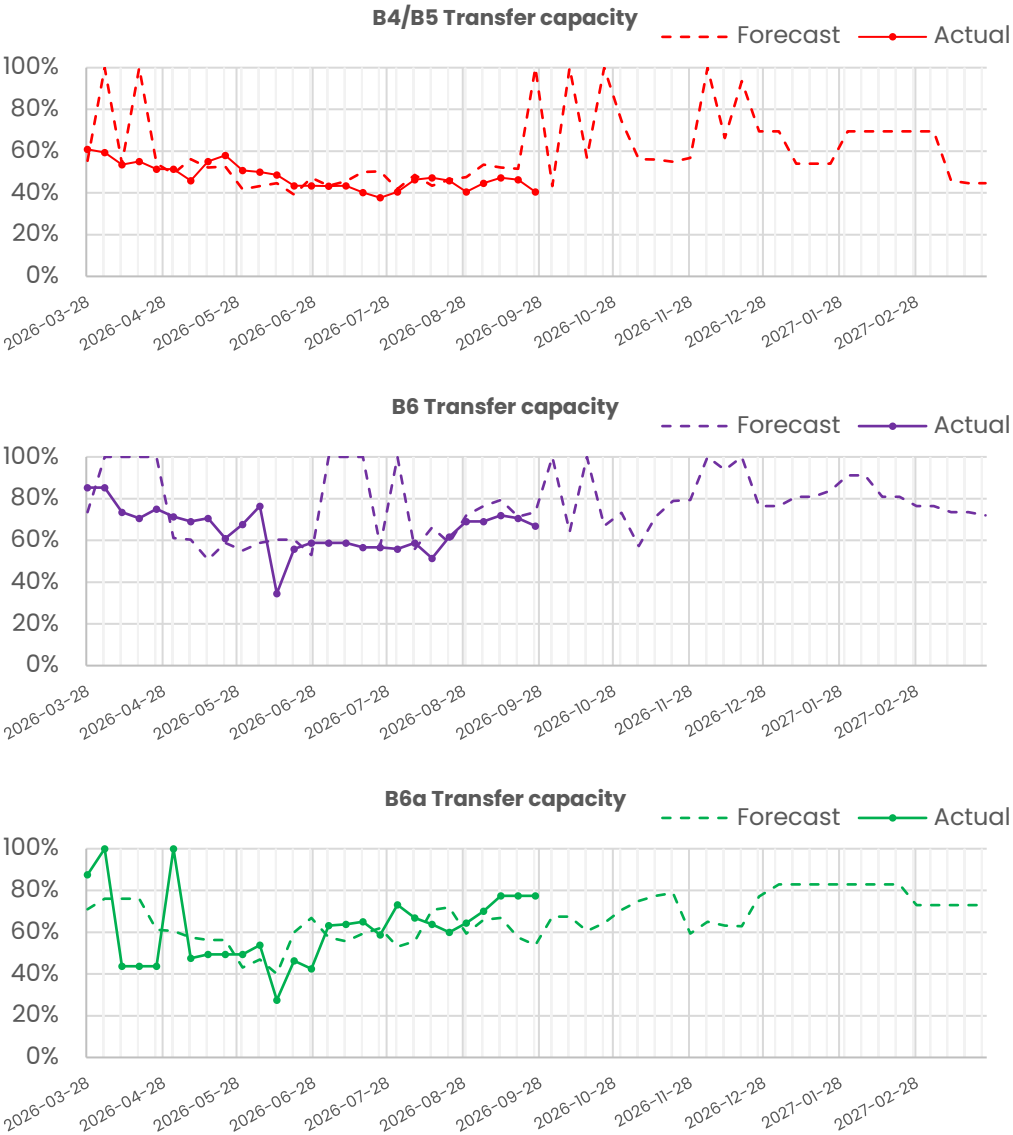
- CONSTRAINT
- CONSTRAINT MARGIN
- FAST RESERVE
- MINOR COMPONENTS
- NEGATIVE RESERVE
- OPERATING RESERVE
- RESPONSE
- St HDR
- Action Cost

Action Cost and Volume

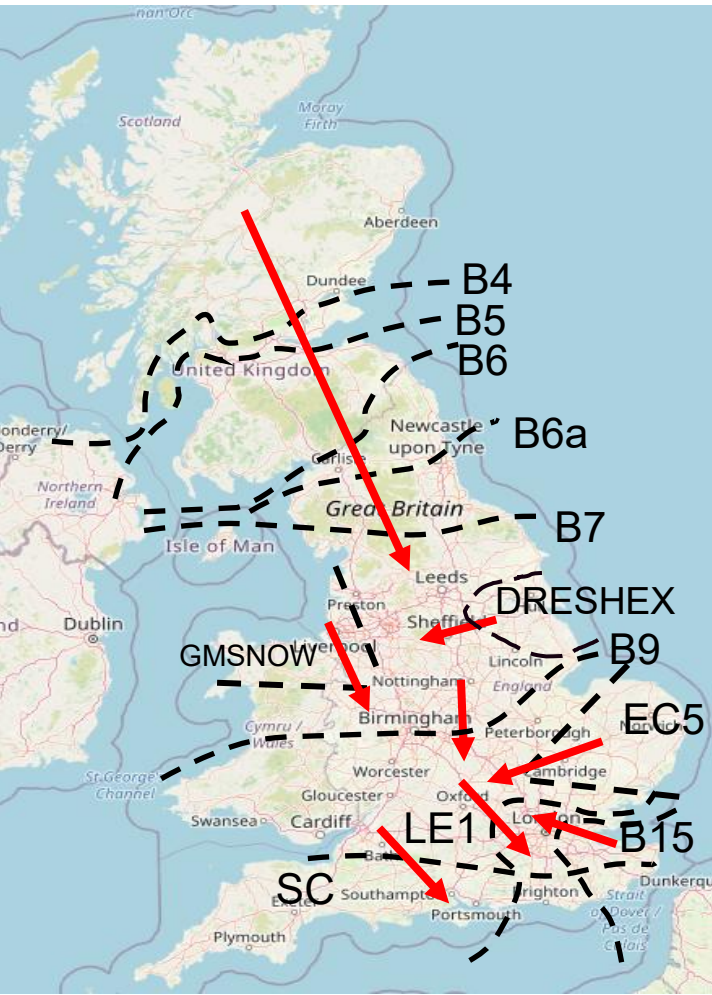


Transparency | Network Congestion

Slido code #OTF



Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	41
B6 (SCOTEX)	6800	67
B6a	8000	78
B7 (SSHARN)	9850	79
GMSNOW	5800	14
FLOWSTH (B9)	12700	91
DRESHEX	9675	79
EC5	5000	100
LE1 (SEIMP)	8750	70
B15 (ESTEX)	7500	100
SC1	7300	100

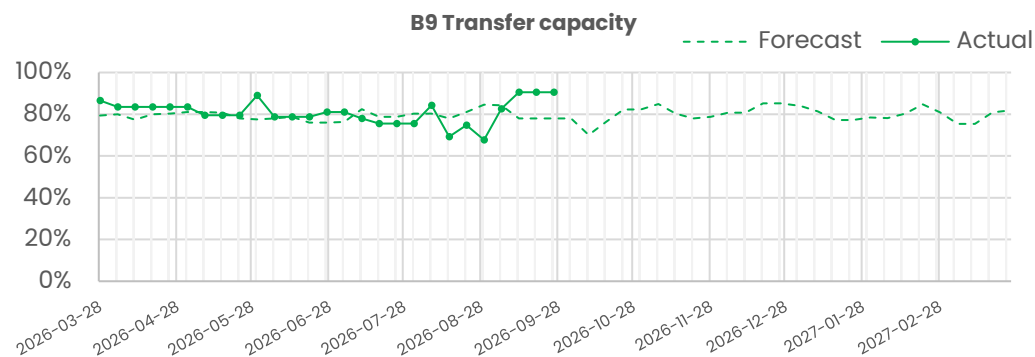
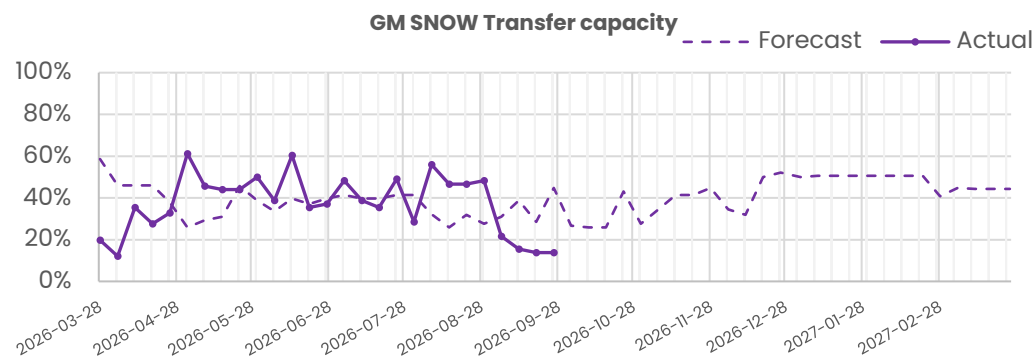
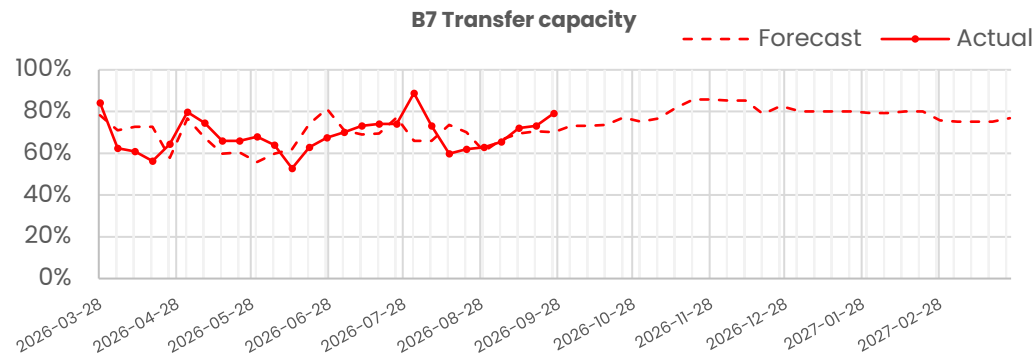


The forecast line is updated with the 12-week ahead view, and this happens each week. So, everything up to 12 weeks ahead is the forecast from 12-week ahead view, and everything after that is the fixed long-term forecast view.

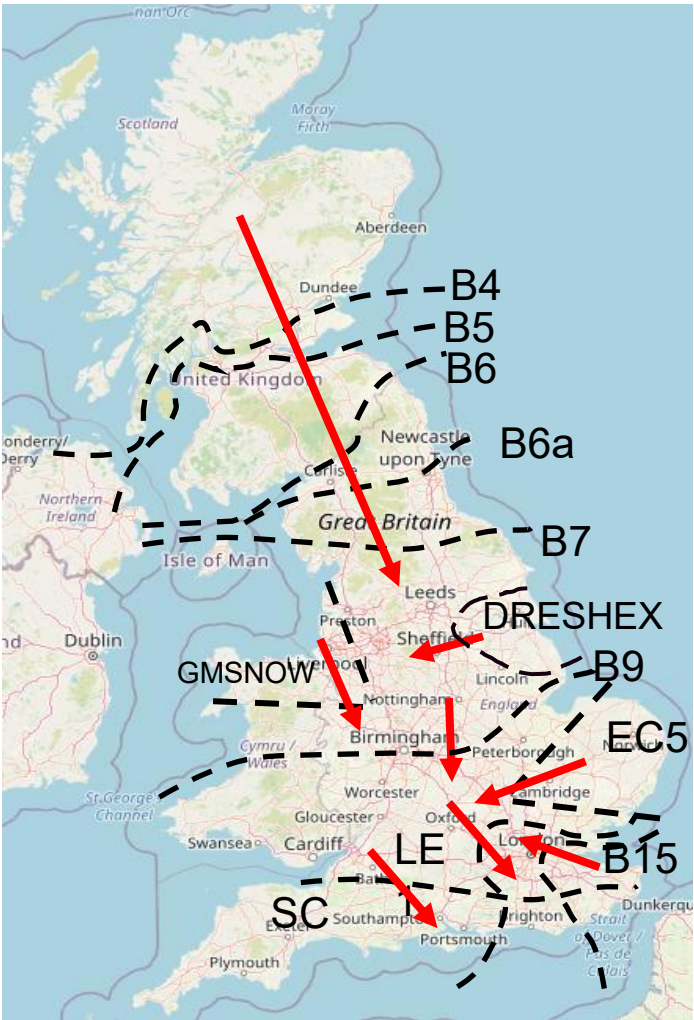


Transparency | Network Congestion

Slido code #OTF



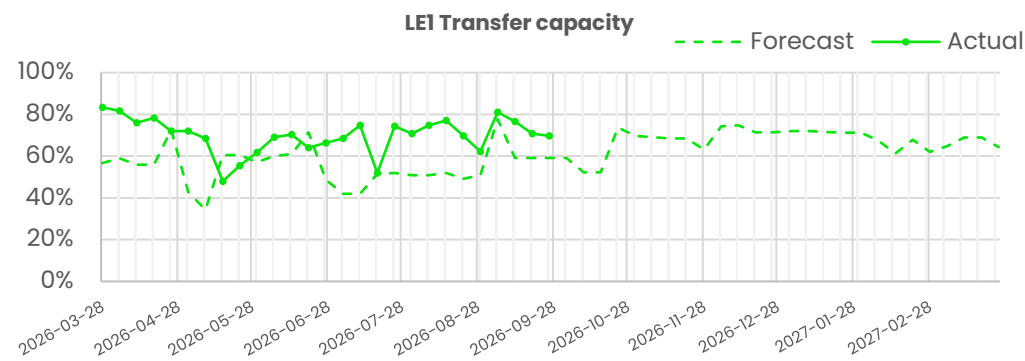
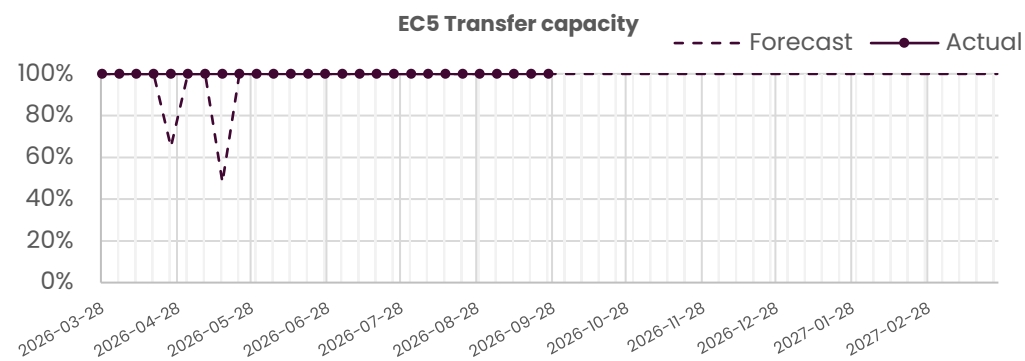
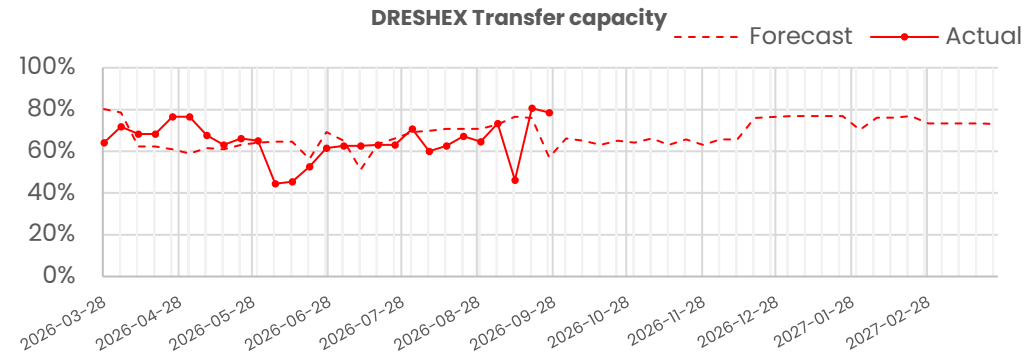
Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	41
B6 (SCOTEX)	6800	67
B6a	8000	78
B7 (SSHARN)	9850	79
GMSNOW	5800	14
FLOWSTH (B9)	12700	91
DRESHEX	9675	79
EC5	5000	100
LE1 (SEIMP)	8750	70
B15 (ESTEX)	7500	100
SC1	7300	100



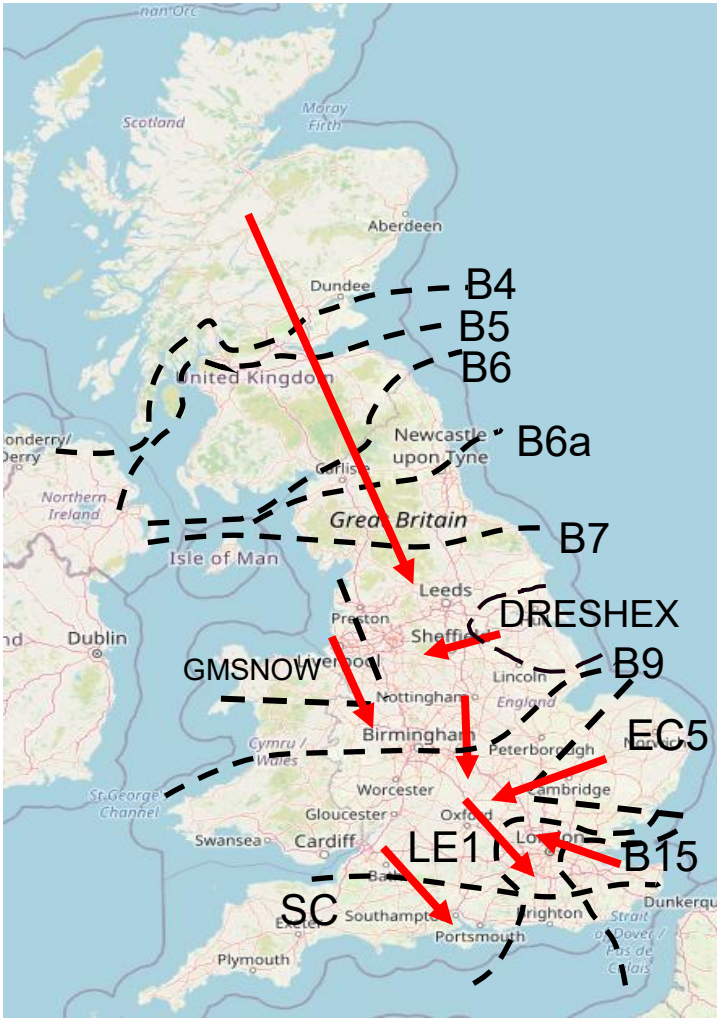
The forecast line is updated with the 12-week ahead view, and this happens each week. So, everything up to 12 weeks ahead is the forecast from 12-week ahead view, and everything after that is the fixed long-term forecast view.

Transparency | Network Congestion

Slido code #OTF



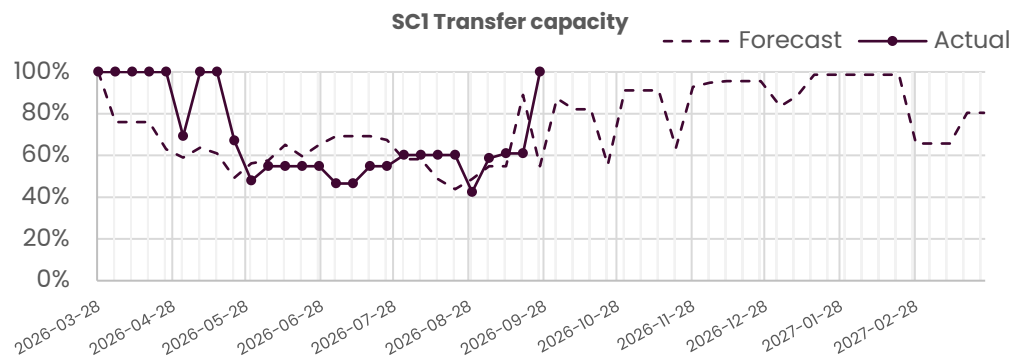
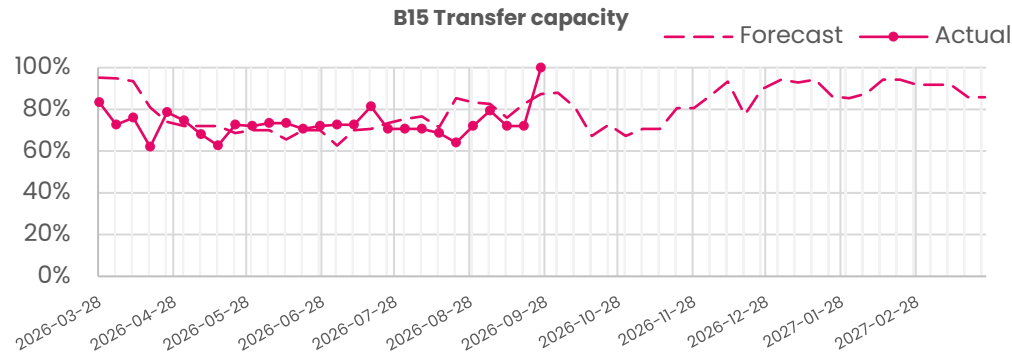
Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	41
B6 (SCOTEX)	6800	67
B6a	8000	78
B7 (SSHARN)	9850	79
GMSNOW	5800	14
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DRESHEX	9675	79
EC5	5000	100
LE1 (SEIMP)	8750	70
B15 (ESTEX)	7500	100
SC1	7300	100



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

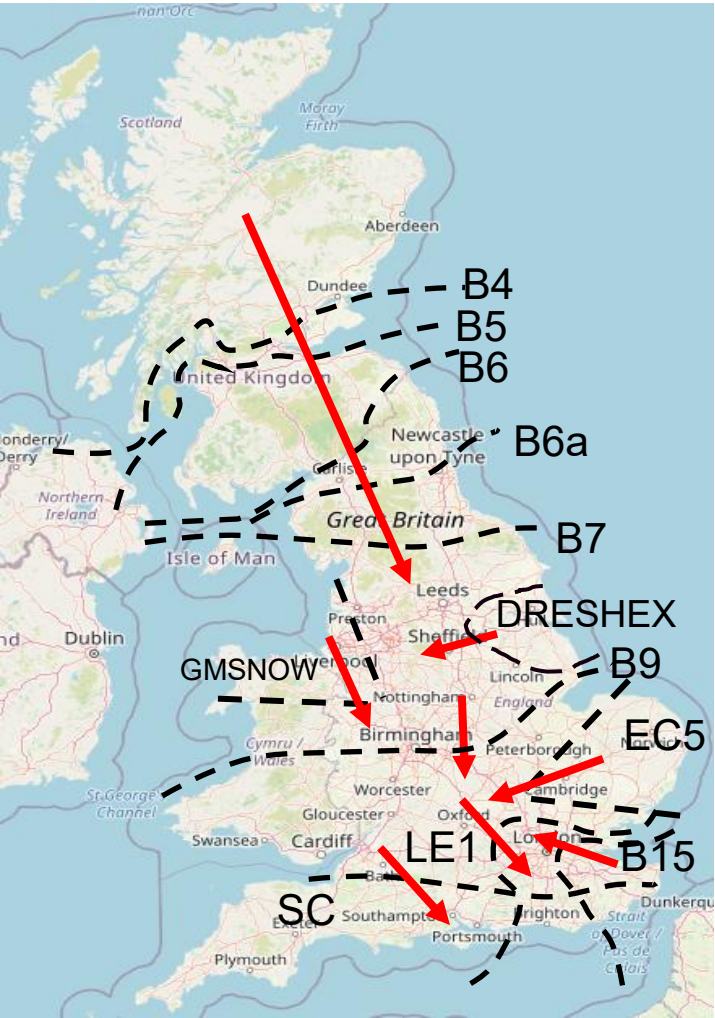


The forecast line is updated with the 12-week ahead view, and this happens each week. So, everything up to 12 weeks ahead is the forecast from 12-week ahead view, and everything after that is the fixed long-term forecast view.

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

The dataset presented in the Network congestion is published on the NESO data portal . [Operational Transparency Forum – Network congestion data | National Energy System Operator](#)

Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	41
B6 (SCOTEX)	6800	67
B6a	8000	78
B7 (SSHARN)	9850	79
GMSNOW	5800	14
FLOWSTH (B9)	12700	91
DRESHEX	9675	79
EC5	5000	100
LE1 (SEIMP)	8750	70
B15 (ESTEX)	7500	100
SC1	7300	100



(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.

PSA Skip Rates – bids & offers combined

Slido code #OTF

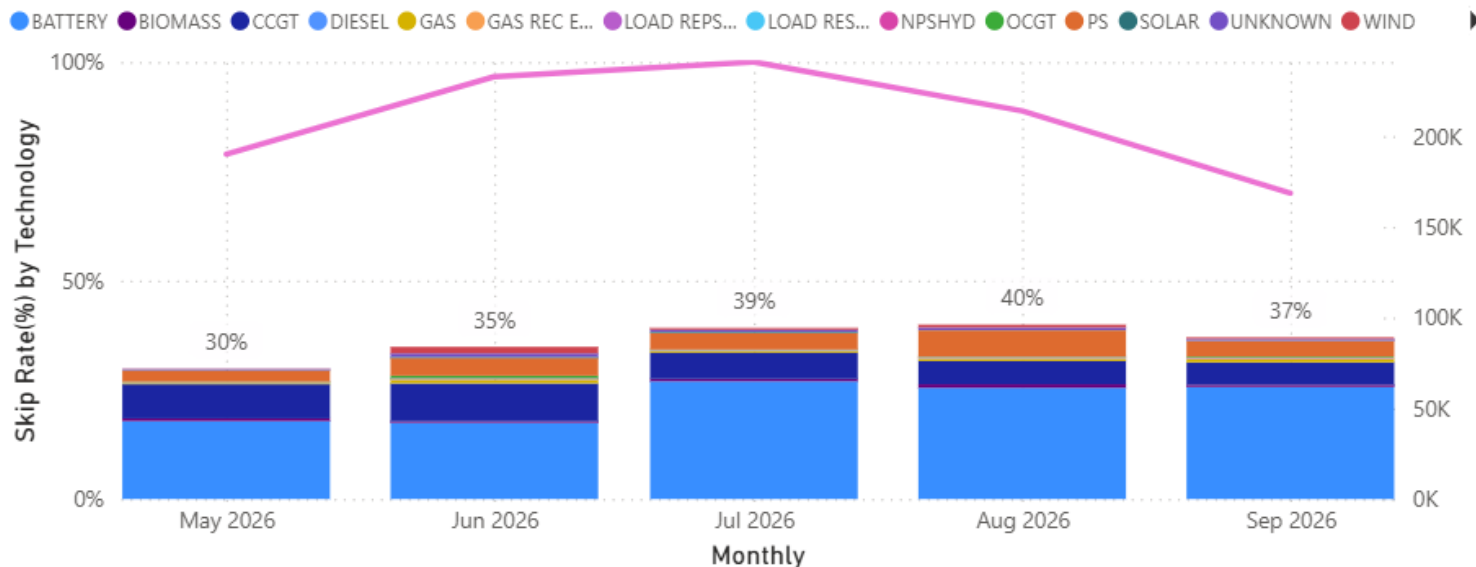
The current skip rate methodology only considers energy actions within the BM

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 (%)
30/08	45%
06/09	43%
13/09	34%
20/09	33%

Relative Technology Skip Rate

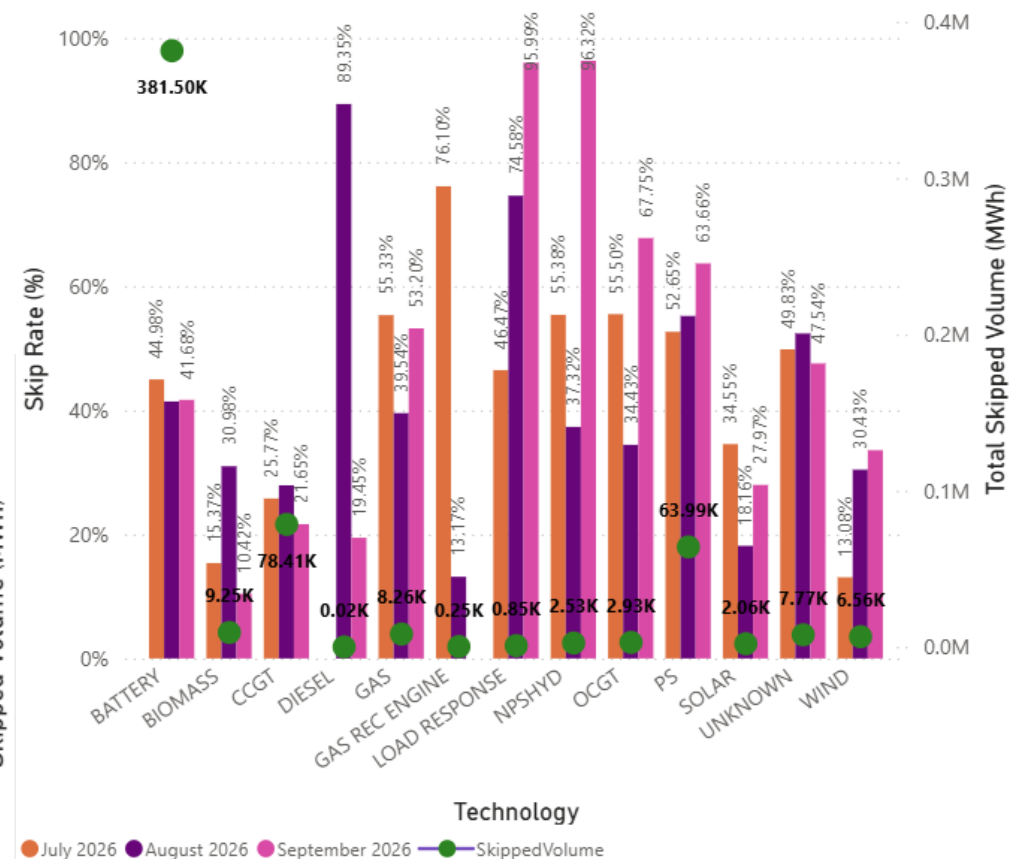


Skips behind constraints [webinar recording](#) and [powerpoint slides](#)
Contact us on box.SkipRates@neso.energy

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

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

Technology Specific Skip Rate – last 3 months



Gas: Gas reciprocating units
NPSHYD: Non-Pumped Storage Hydro
PS: Pumped Storage

Previously Asked Questions

Slido code #OTF

Advance Q (09.09.26) James Mossop: Hi. Please could you advise when / if the Sonar data (BM Start-ups, Additional GT, etc.) published on <https://extranet.neso.energy/NesoSonar> will be published on the NESO Data Portal – we cannot find this data currently in the data portal. Many thanks, James Mossop.

A: It has its own dedicated extranet site as stated. As of now, we are not looking to include this. But please let us know if there are specific reasons that you would like to see this updated in the data portal.

Slido Q (16.09.26) Cameron Clark: How does the spend on the 8th (~£35m) compare to record daily spends over the last 12 months or so?

A: The spend on the 8th September was the highest daily balancing cost observed in the last 12 months. We will be covering this in detail when we will do the deep dive on September balancing cost at OTF.

Slido Q (16.09.26) Paul Youngman: What Date is the Webinar on potential BSUOS reset?

A: Apologies, this was a misspeak at the last OTF.

There is no tariff reset webinar and there is no plan to reset current BSUoS tariffs.

We are however holding a webinar on October 1 to present Draft Tariffs 9 and 10 (Apr 2027 to Mar 2028) which will be published on September 21.

Previously Asked Questions

Slido code #OTF

Slido Q (16.09.26) Michael Langdon-Davies: I think your volumes are wrong – you had MW labelled but I think you meant MWh on Mark Brown's Q?

A: Thank you for highlighting this – apologies there was a typo and you are right that the table should have said MWh. This will be corrected in the pack.

Advance Q (09.09.26) : BESS was being skipped over wind on the weekend, Can NESO explain what conditions may lead to this, Or is there is active decision to bid wind at a higher price than storage

A: The relative dispatch of wind and BESS can be influenced by both energy and system requirements.

At times, system security considerations may mean that reducing wind output is necessary to help manage the variability and uncertainty associated with high levels of wind generation. In these circumstances, dispatch decisions are not driven solely by price merit order and may instead reflect wider system requirements.

If you can share the specific time periods and units in question, we would be happy to investigate further and provide more detailed context.

Previously Asked Questions

Slido code #OTF

Advance Q (16.09.26) : Following on from Jonathan Leake's OTF question on 9/9/26, I note that the constraint costs for April, May and June 2025 for England & Wales, Cheviot and Scotland (as shown in the MBSS dataset) are missing. Why have they not been published?

<https://www.neso.energy/industry-information/balancing-costs>

A: We've checked this and can't see any missing constraint costs for those months and region categories in the MBSS dashboard & dataset. Kindly confirm which dataset/reports seem to be missing at your end. Please send us an email in our box.nc.customer@neso.energy if you still can't see the dataset for the mentioned months.

Slido Q (16.09.26) Chris Partlow: Further to the question from Michael Langdon Davies, what possible reason does NESO have for bidding down units to trip levels? This also happened to a CCGT on Monday 14th August. Is there any reasonable explanation for this?

A: We would need further detail to comment more as without more detailed times/units will be hard to provide a definitive response. Please provide further information and we can look into this.

Outstanding Question

Slido code #OTF

Advance Q (08.09.26): Appendix E of the SQSS “Modelling of Economy Planned Transfer” relates to boundary flows, connections and constraints. SQSS V2.2 5th March 2012 Microsoft Word – NETS SQSS version 2 2 FINAL changes removed.doc (<https://www.neso.energy/document/215581/download>) states that “The NETS SO will review the appropriateness of these factors and revise them where necessary, based on alignment with cost benefit analysis. The period between reviews shall be no more than five years but may be less if required”. The current version V2.12 29th May 2026 NETS SQSS (<https://www.neso.energy/document/382381/download>) states “E.4 The ISOP will review the appropriateness of these factors and revise them where necessary, based on alignment with cost benefit analysis. The period between reviews shall be no more than five years but may be less if required”. The factors concerned are currently set as follows “E.3.1 For nuclear stations, and for coal-fired and gas-fired stations fitted with Carbon Capture and Storage, DT = 0.85 E.3.2 For stations powered by wind, wave, or tides, DT = 0.70. E.3.3 For pumped storage-based stations, DT = 0.5 E.3.4 For interconnectors to external systems regarded as importing into GB at the time of peak demand, DT = 1.0”. These factors are exactly the same as in 2012 and do not appear to include current plant types.

Since 2012, when has NESO carried out reviews with CBAs and where are these published?

Previously Asked Questions (To be covered via Margins deep dive)

Slido code #OTF

Q (01.07.26) Chris Bocock: Please could you give us an idea of the capacity numbers involved in the response to the EMN? If possible, I'd like to know the absolute and relative contribution of the demand side response he mentioned. Thank you

Q (01.07.2026) Advance: The extreme weather across Europe in the week beginning 22 June was well forecast. From that the challenges of reduced wind, gas, and nuclear power output should have been forecast. So, I'm very surprised that "[when] we approached real time, models moved from using forecasts for interconnector flow to using nominated flows from day ahead auctions" and that led to amber then red margin status, a frequency deviation, and an interconnector emergency instruction. What work is NESO going to undertake to ensure your margin forecast model does not fail to predict reduced margin in these conditions, well ahead of real time, when they next occur?

Q (01.07.26) Milo Karter: On 26/06 NESO issued an EMN until 21:00 despite soft margins and spare CCGT in the stack. It had already procured 1,500MW on ICs, then cut EMN shortfall to 100MW while requesting another 100MW IC. Was the EMN ready to enable more IC MW procurement cheaper than GB, not because NESO lacked margin?

Q (01.07.26) Milo Karter: Would providing a DRM with the inclusion of constraints provide a better reflection of how tight the system is from a control room perspective. The questions today suggest that the last 3 EMNs have not made any sense to the market given a near 10GW DRM on each EMN.

Q (15.07.26) Lisa Waters: Under the recent EMNs NESO was taking over 500MW out of the margin as it was constrained off. 500MW is the fixed CMN margin trigger. Does NESO think we need to review the CMN trigger to account for constrained off margin?

Previously Asked Questions (To be covered via Margins deep dive)

Slido code #OTF

Q (15.07.26) Alistair Abbott: Are you able to share the causes behind the latest EMNs? The LoLP on Elexon shows that for EMN notice period last Thursday (09/07), the lowest margin forecast was 5.9GW, slightly greater than the margin forecast on Wednesday (08/07), yet this period had no EMN. Thank you.

NESO OTF Q&A Guidelines

- **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.

slido

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

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.

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

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).