Public

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Live captioning is available in Microsoft Teams

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

NESO Operational Transparency Forum

4 June 2025

NESO
National Energy System Operator

Introduction | Sli.do code #OTF

To ask questions live & give us post event feedback go to Sli.do event code #OTF

- **Ask your questions as early as possible** as our experts may need time to ensure a correct answer can be given live.
- **Please provide your name or organisation**. This is an operational forum for industry participants therefore questions from unidentified parties will not be answered live. If you have reasons to remain anonymous to the wider forum, please use the advance question or email options below.
- **The OTF is not the place to challenge the actions of individual parties** (other than the NESO), and we will not comment on these challenges. This type of concern can be reported to the Market Monitoring team at: marketreporting@nationalenergyso.com
- **Questions will be answered in the upvoted order whenever possible**. We will take questions from further down the list when: the answer is not ready; we need to take the question away or the topic is outside of the scope of the OTF.
- **Sli.do will remain open until 12:00**, even when the call closes earlier, to provide the maximum opportunity for you to ask questions. After that please use the advance questions or email options below.
- **All questions will be recorded and published.** Questions which are not answered on the day will be included, with answers, in the slide pack for the next OTF.
- **Ask questions in advance** (before 12:00 on Monday) at: https://forms.office.com/r/k0AEfKnai3
- **Ask questions anytime** whether for inclusion in the forum or individual response at: box.nc.customer@nationalenergyso.com

Stay up to date on our webpage: https://www.neso.energy/what-we-do/systems-operations/operational-transparency-forum (OTF Q&A is published with slide packs)

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

Future deep dive / focus topics

Slido code #OTF

Today's Focus Topics/deep dives

Regional Energy Strategic Plans (RESP) – 4 June

Future

May Balancing Costs – 18 June

Early view of winter 2025/26 – 18 June

Space Weather: SWIFTER project update – 25 June

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

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Response Reform May Webinar – Static Reform

Slido code #OTF

Materials from the Response Reform May Webinar where we discussed current thinking on service design topics that are being explored for reform of Static Firm Frequency Response (SFFR) are now available.

Access the materials here.

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

Response Reform June Webinar

Slido code #OTF

Join us for the Response Reform webinar on **17 June, 10:00 – 11:00**

Real-time Dynamic Response

We will provide an update on the proposed real-time Dynamic Response service design, focusing on volume commitments and pricing structure.

30 Minute Contract Periods (Dynamic Response)

We will provide an update of our assessment and key considerations on moving to 30-minute granularity procurement at day ahead.

Sign up here.

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

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Response and Reserve Locational Procurement Webinar

Slido code #OTF

Join us for the Response & Reserve Locational Procurement Webinar on **09 July, 15:00 – 16:00**

Locational Procurement

We will present our work on assessing the case for transitioning to Locational Procurement of Ancillary Services (Response and Reserve), along with the key aspects of the proposed Market Design.

Sign up here.

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

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Future Event Summary

Slido code #OTF

Event	Date & Time	Link
Balancing Programme Optimisation Stakeholder Focus Group	5th June (11:30-13:30)	Register here
Markets Forum (Glasgow)	9th June (09:00-16:30)	Register here
Q&A Event for RIIO-2 Business Plan 2 (BP2) End-scheme performance	10th June (09:30-11:30)	Register here
Markets Forum (London)	11th June (09:00-16:30)	Join waiting list
Skip-Rate Drop-In Session	12th June (15:00-16:00)	Register here
Slow Reserve and Balancing Reserve – Article 18 consultations	Deadline: 16th June	Slow Reserve Balancing Reserve
Response Reform Webinar	17th June (10:00-11:00)	Register here
Voltage Control Test	17th June, 10:30-midday – Northern Block 19th June, 10:30-midday – Southern Block	Notification of each test will be posted on Insights Solution
Balancing Programme Event	24th June (09:00-17:30)	Register here
Response & Reserve Locational Procurement Webinar	9th July (15:00-16:00)	Register here

Check out the NESO Events Calendar for more...

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Public

NESO update on Strategic Energy Planning (SEP)

Operational Transparency Forum

4th June 2025

Faith Natukunda – Regional Energy Strategic Planning Manager (Enduring Methodology)

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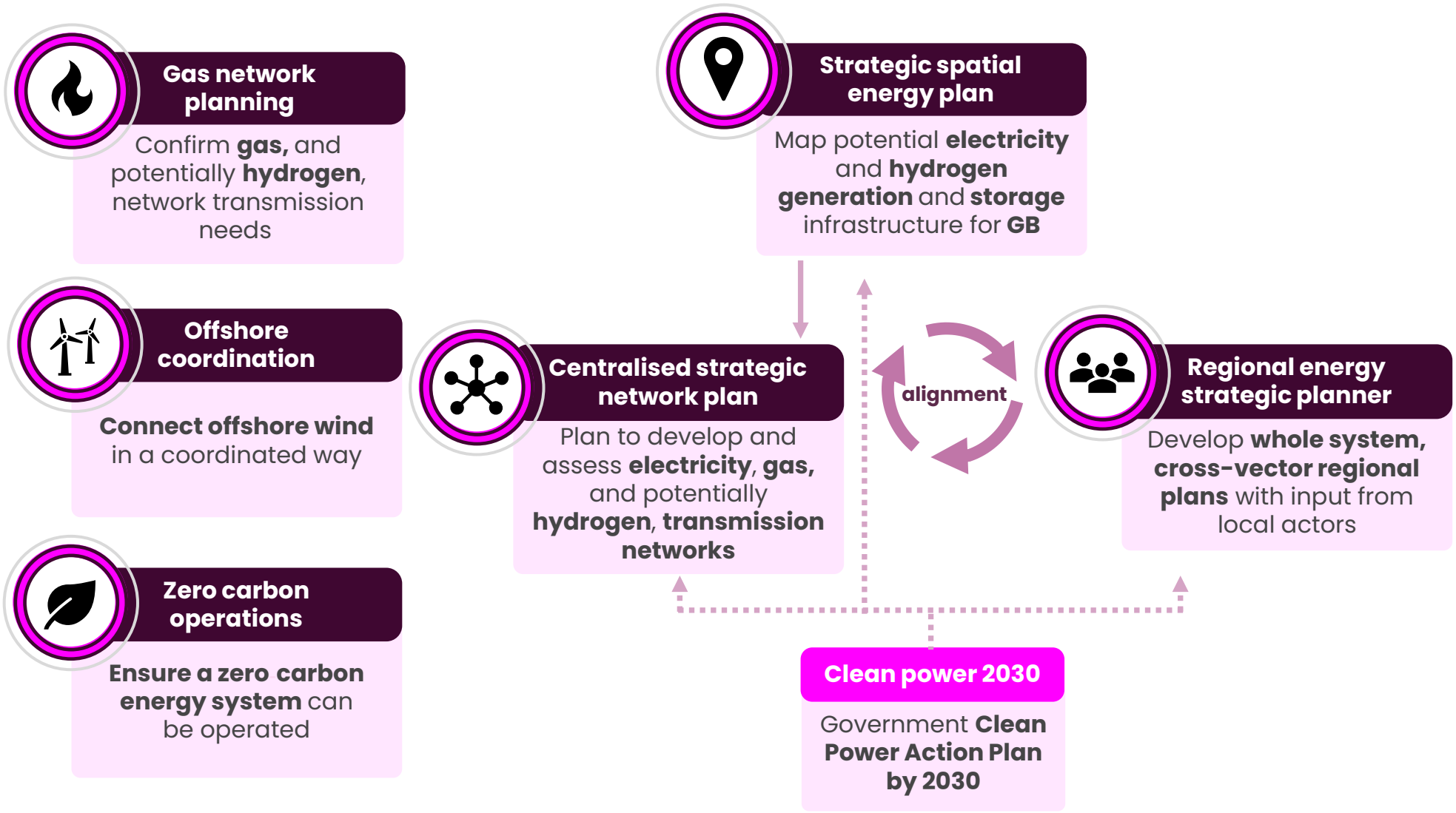
Public

Strategic energy planning (SEP)

Slido code #OTF



Future energy scenarios

Credible supply and demand pathways to meet net zero

Connections reform

Ensure ready projects aligned with strategic plans **can connect**

Review of electricity market arrangements

Reform electricity markets to achieve net zero cost-effectively

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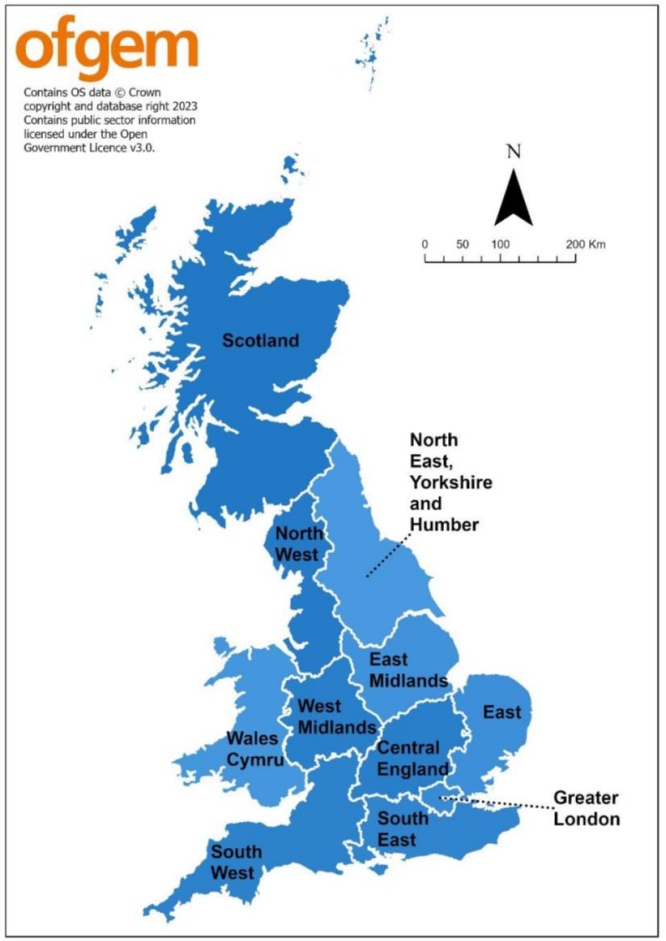
Regional Energy Strategic Plans (RESP)

Slido code #OTF

Why?

1. **Place based** - integration of the local and regional context and needs
2. **To drive investment** - ensuring local areas get the energy infrastructure they need, where and when they need it
3. **Consistency** – ensuring plans, data and assumptions are used the same way by all
4. **Whole system** – ensuring distribution networks are planned in a joined-up way to deliver the system that best meets local needs

Where?



Who?

Ofgem – defining role

NESO – delivering role

Strategic Boards:

- **Local authorities:**
  - England: strategic authorities & unitaries
  - Scotland & Wales: unitaries
- **Devolved Governments:** Wales & Scotland
- **Networks:** Distribution Network Operators & Gas Distribution Networks
- **Other local actors:** relevant to energy system & spatial planning

Regional Working Groups:

- Function based
- Theme based

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RESP Outputs

1 Regional context

- Comprehensive view of regional conditions & priorities
- Draws on embedded regional engagement and datasets
- **Reflects rather than supersedes local ambitions**

2 Pathways

- Spatial models of future supply and demand
- **Single 10-year pathway; multiple branches to 2050**
- **Granularity sufficient for local and network planning**

3 Spatial context

- Geospatial view of pathways against network conditions
- Accessible view of whole-system data to aid planning
- **To LSOA / Data Zone granularity where possible**

LSOA - Lower layer Super Output Areas (LSOAs)

4 Strategic investment need

- Identify needs which are of **high economic/ system value and key to regional priorities**
- **Categorise to refine scope** and support common approaches to regulatory treatment
- Specify capacity need and expected vector and network level of solutions

5 Common planning assumptions

- Set of assumptions to drive consistent derivation of network impacts
- **Developed transparently alongside stakeholders through working groups**
- Will include **acceptable ranges of variation to allow for regional differences**

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https://www.ofgem.gov.uk/decision/regional-energy-strategic-plan-policy-framework-decision

Transitional RESP (tRESP) Overview

Ofgem is collaborating with NESO to develop transitional RESPs and regional investment pathways that ensure reliable, affordable electricity and align network investments with regulatory expectations ahead of full RESP implementation in 2027

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What is tRESP?

1. Serves as a **transitional bridge** to Enduring RESP

2. Focused on supporting **electricity DNO (Distribution Network Operator) business plans**

3. Provides each region with a **short-term Pathway (2025-2035)**

4. Feeds into the **long-term Pathway (2035-2050)**

Why now?

1. Urgent change: Energy sector transformation and CP30 demand immediate action

2. Unlocking value sooner: Enduring RESP won't be ready until 2027

3. DNO business planning dates are fixed (2028-2033) and require input now

4. Early stakeholder engagement to integrate regional needs within energy planning

RESP Key Milestones

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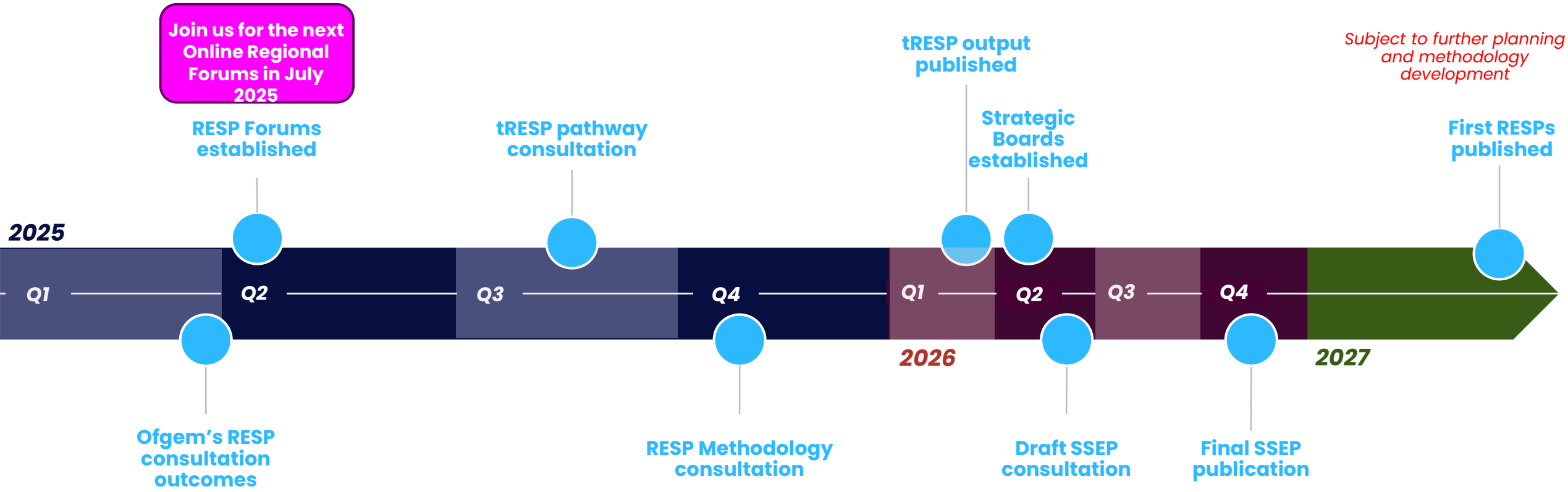


Thank you

NESO

https://www.neso.energy/what-we-do

Strategic Energy Planning

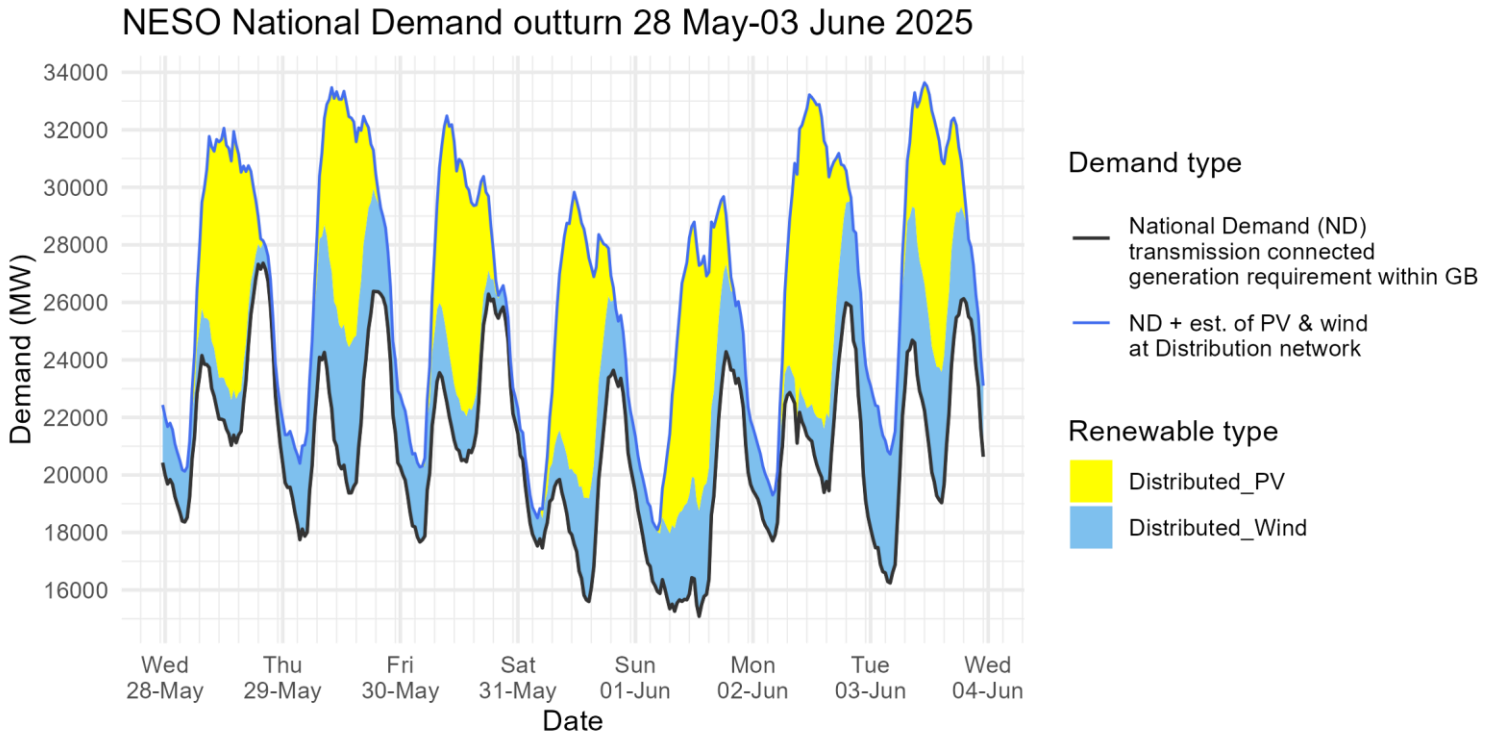
https://www.neso.energy/what-we-do/strategic-planning

Contact

box.resp@neso.energy

Demand | Last week demand out-turn

Slido code #OTF



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

Distributed generation

Peak values by day

	OUTTURN	
Date	Daily Max Dist. PV (GW)	Daily Max Dist. Wind (GW)
28 May 2025	9.0	2.0
29 May 2025	8.2	5.2
30 May 2025	8.7	2.6
31 May 2025	9.8	3.6
01 Jun 2025	8.9	3.9
02 Jun 2025	10.9	4.7
03 Jun 2025	8.2	5.0

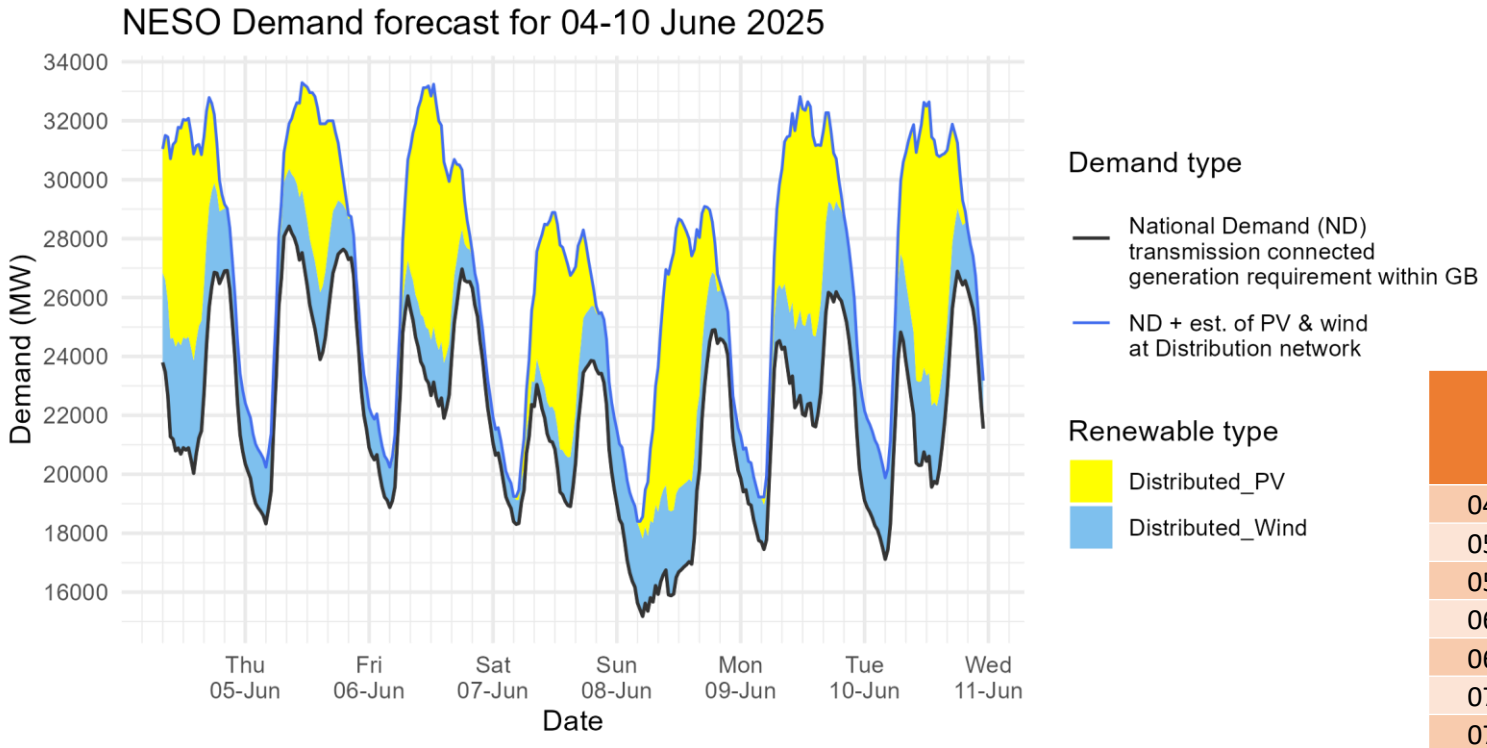
National Demand

Minimum Demands

		OUTTURN		
Date	Forecasting Point	National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)
28 May 2025	Afternoon Min	21.0	1.6	8.3
29 May 2025	Overnight Min	17.7	2.7	0.0
29 May 2025	Afternoon Min	19.4	5.1	8.0
30 May 2025	Overnight Min	17.7	2.6	0.0
30 May 2025	Afternoon Min	20.5	1.6	8.0
31 May 2025	Overnight Min	17.5	1.0	0.3
31 May 2025	Afternoon Min	15.6	3.6	8.4
01 Jun 2025	Overnight Min	15.9	2.1	0.4
01 Jun 2025	Afternoon Min	15.1	3.7	8.5
02 Jun 2025	Overnight Min	17.7	1.6	0.0
02 Jun 2025	Afternoon Min	19.4	2.2	10.0
03 Jun 2025	Overnight Min	16.2	4.5	0.0
03 Jun 2025	Afternoon Min	19.0	4.5	7.4

Demand | Week Ahead

Slido code #OTF



National Demand

Minimum Demands

		FORECAST (Wed 04 Jun)		
Date	Forecasting Point	National Demand (GW)	Dist. wind (GW)	Dist. PV (GW)
04 Jun 2025	Daytime Min	20.0	3.8	7.0
05 Jun 2025	Overnight Min	18.3	1.9	0.0
05 Jun 2025	Daytime Min	23.9	2.3	5.7
06 Jun 2025	Overnight Min	18.9	1.3	0.0
06 Jun 2025	Daytime Min	21.9	1.9	6.8
07 Jun 2025	Overnight Min	18.3	0.8	0.1
07 Jun 2025	Daytime Min	18.9	1.7	6.2
08 Jun 2025	Overnight Min	15.2	2.6	0.7
08 Jun 2025	Daytime Min	15.7	2.7	3.2
09 Jun 2025	Overnight Min	17.5	1.5	0.3
09 Jun 2025	Daytime Min	21.6	3.1	6.5
10 Jun 2025	Overnight Min	17.1	2.8	0.0
10 Jun 2025	Daytime Min	19.6	2.8	9.1

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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.

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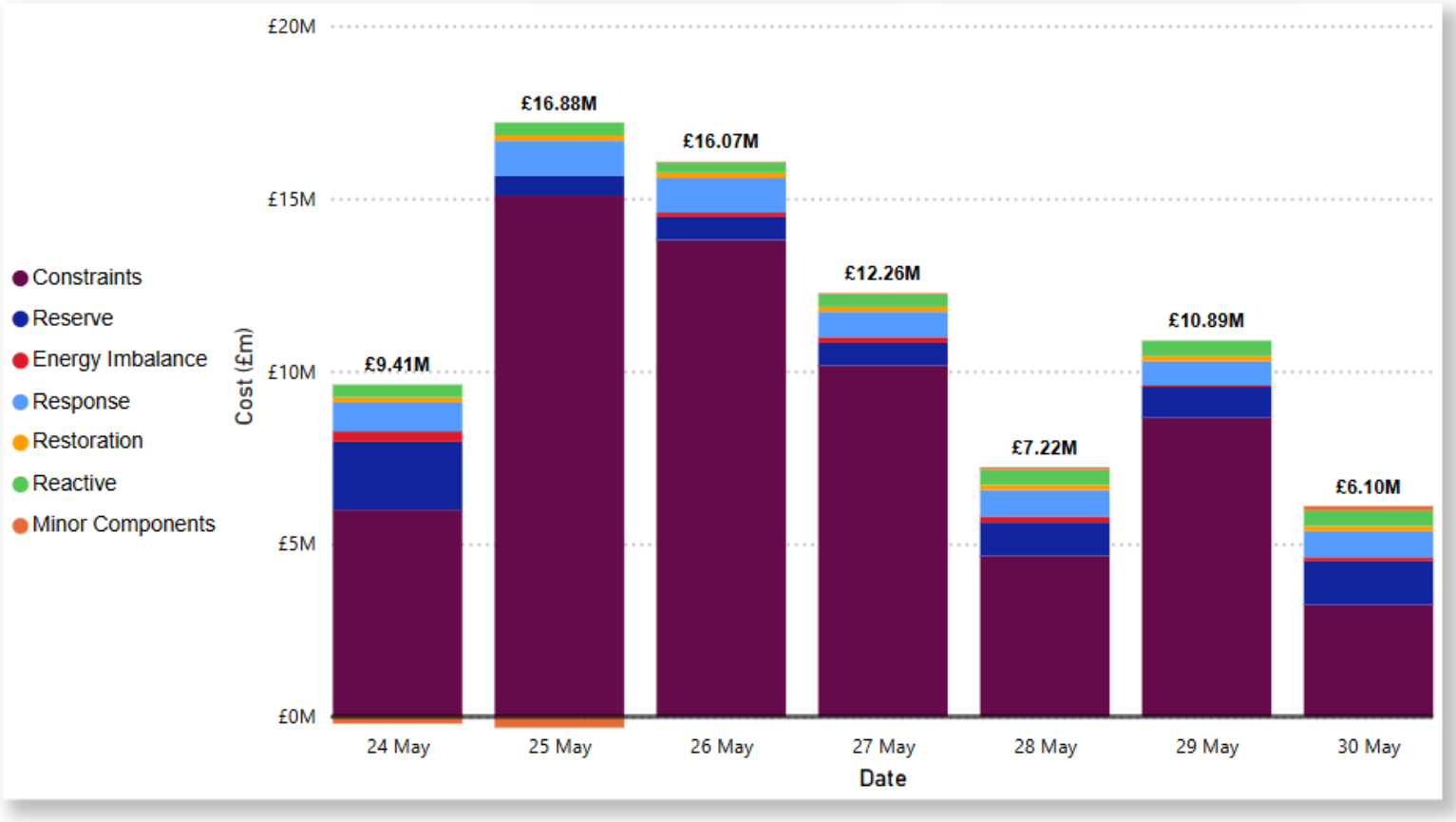
NESO Actions | Category Cost Breakdown

Slido code #OTF

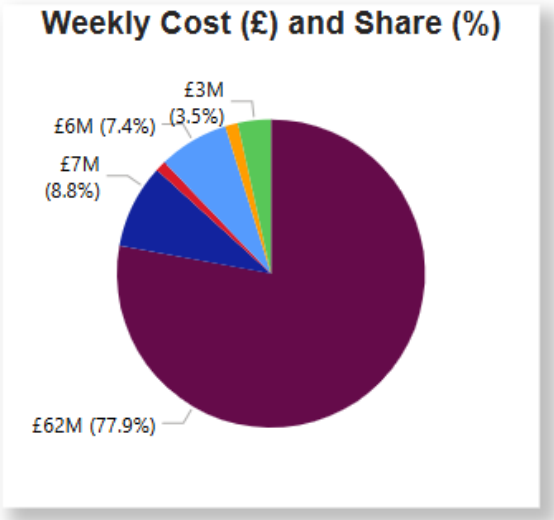
Date

24/05/2025 30/05/2025

Weekly Total Costs (£)	Last Week Total Costs (£)	Past 30-Day Average Costs (£)
78.8M	33.5M	6.8M



Date	Total Costs
24 May 2025	£9,411,098
25 May 2025	£16,881,771
26 May 2025	£16,066,756
27 May 2025	£12,260,857
28 May 2025	£7,216,984
29 May 2025	£10,886,627
30 May 2025	£6,095,510
Total	**£78,819,601**



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NESO Actions | Constraint Cost Breakdown

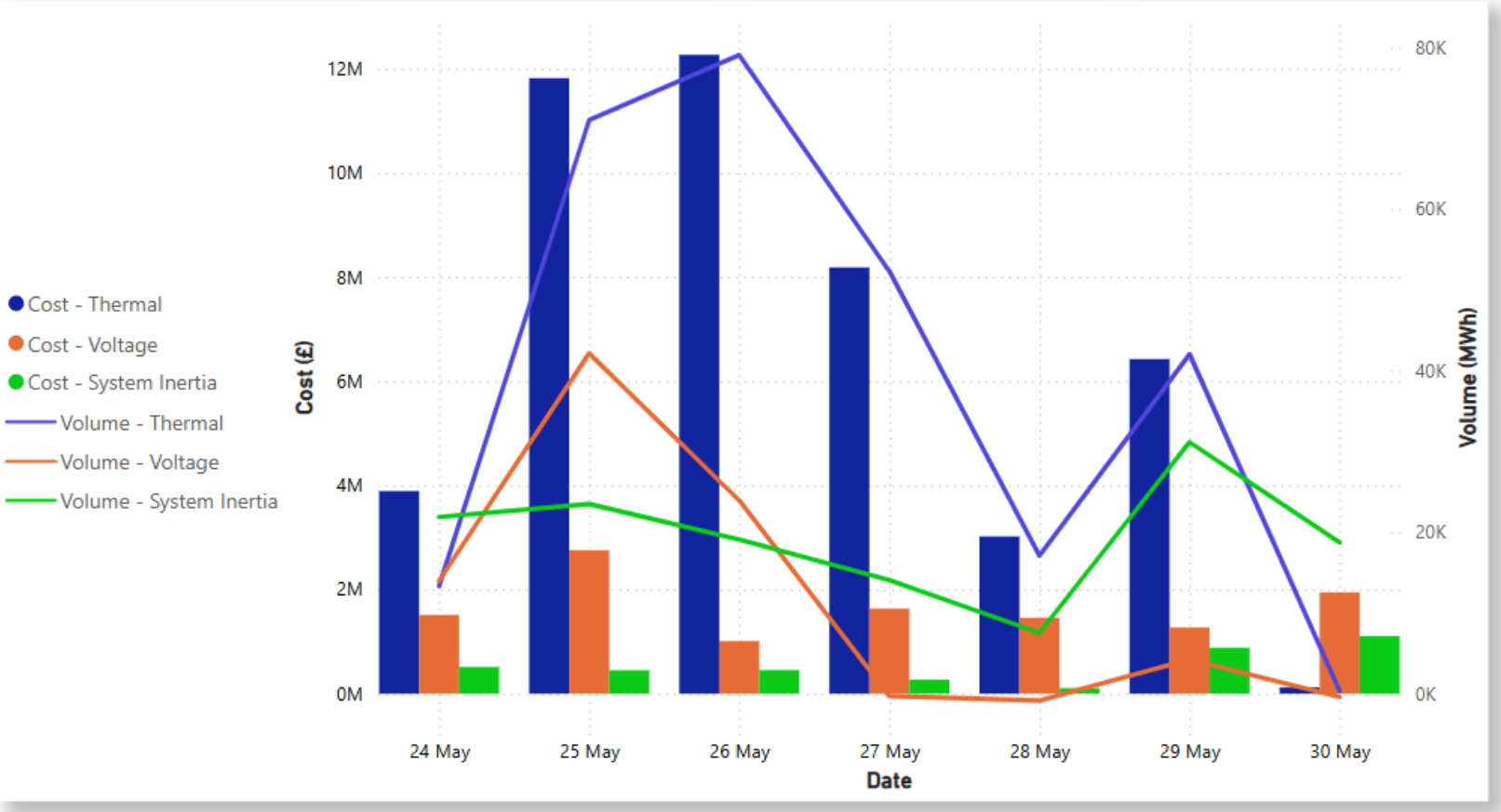
Slido code #OTF

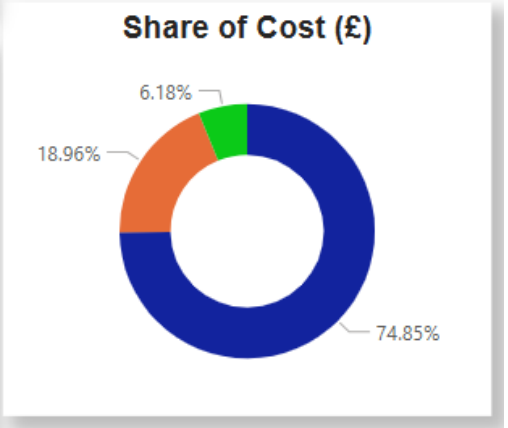
Date
24/05/2025 30/05/2025

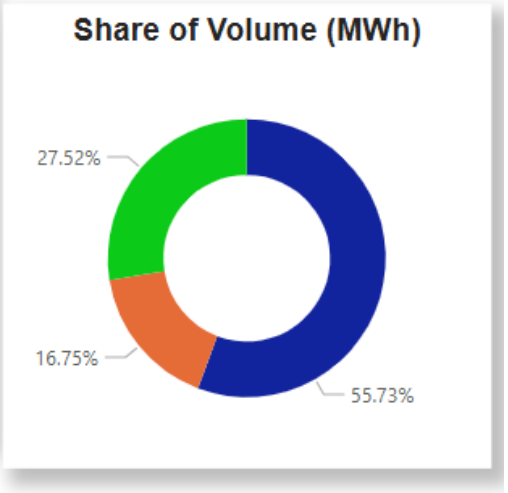
Thermal Constraints	
Costs (£)	Vol (MWh)
45.71M	275.19K

Voltage Constraints	
Costs (£)	Vol (MWh)
11.58M	82.73K

System Inertia	
Costs (£)	Vol (MWh)
3.78M	135.89K







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

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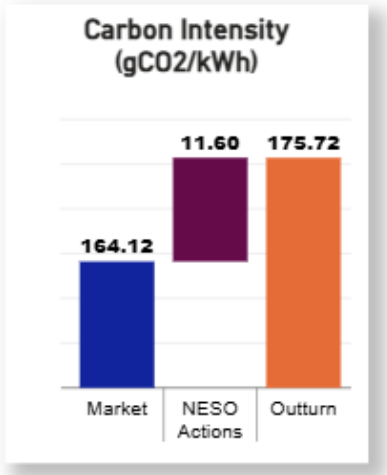
NESO Actions | Peak Demand – SP spend ~£236k Tuesday 27th May

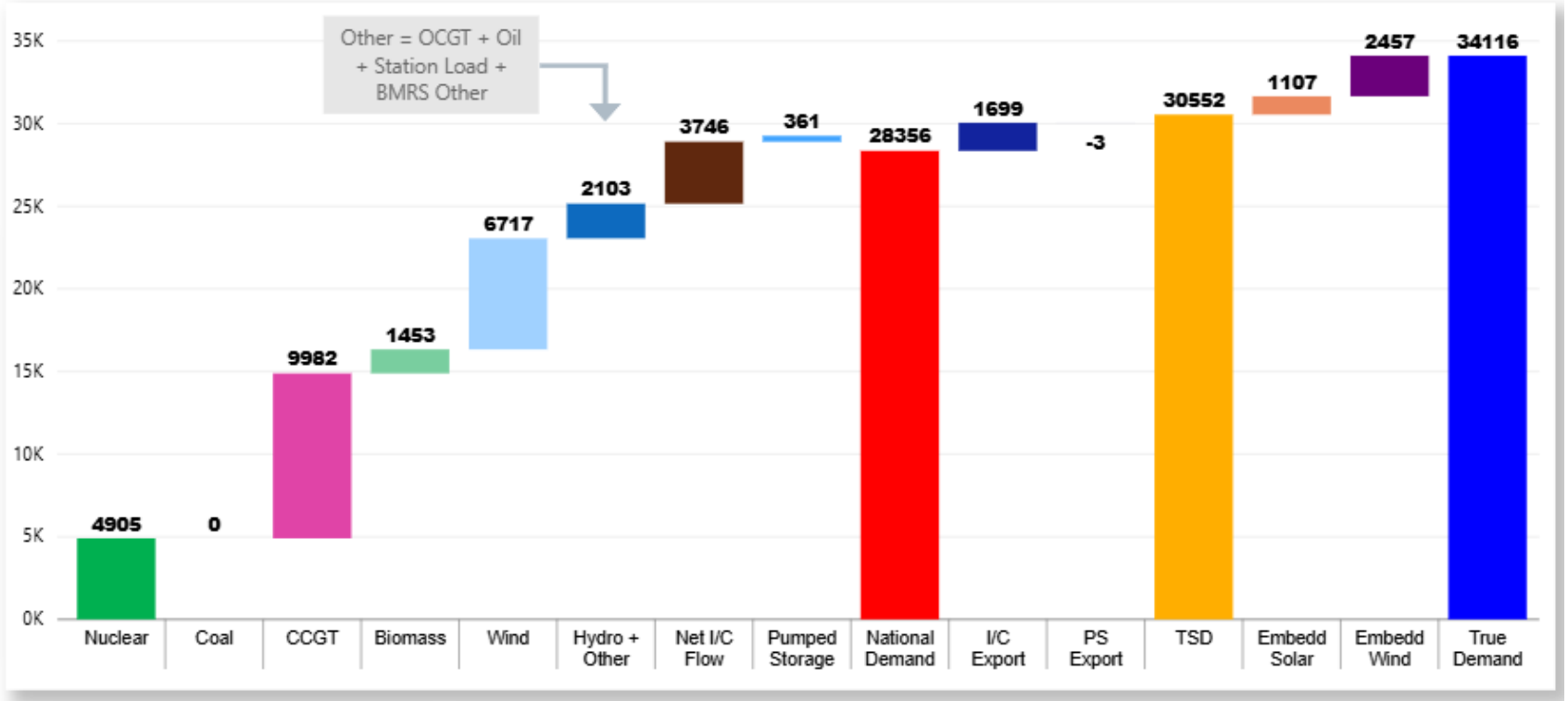
Slido code #OTF

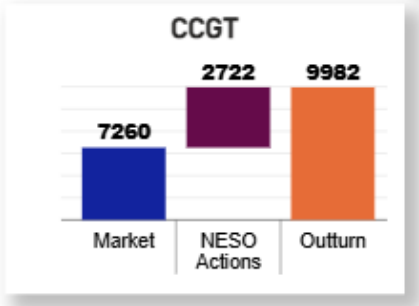
Date: 27 May 2025

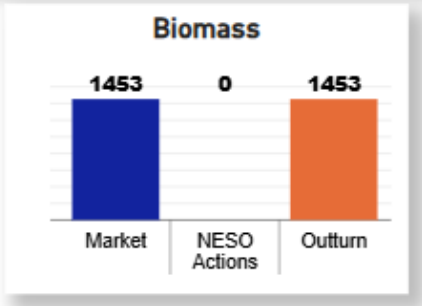
SP: 38

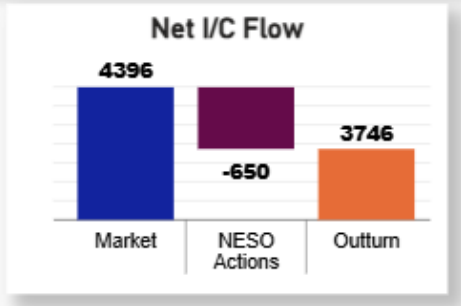
Half-hour preceding: 19:00

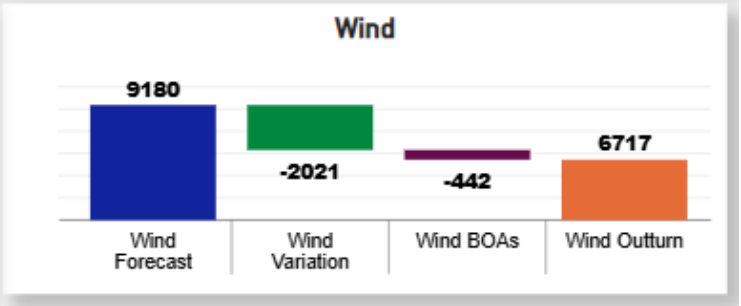












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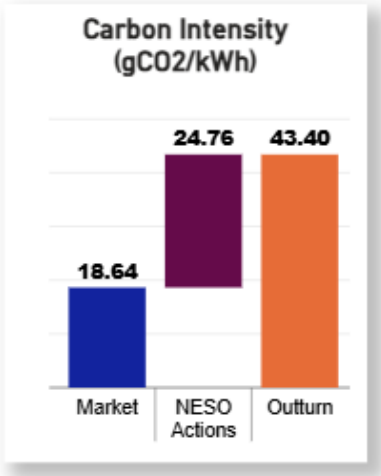
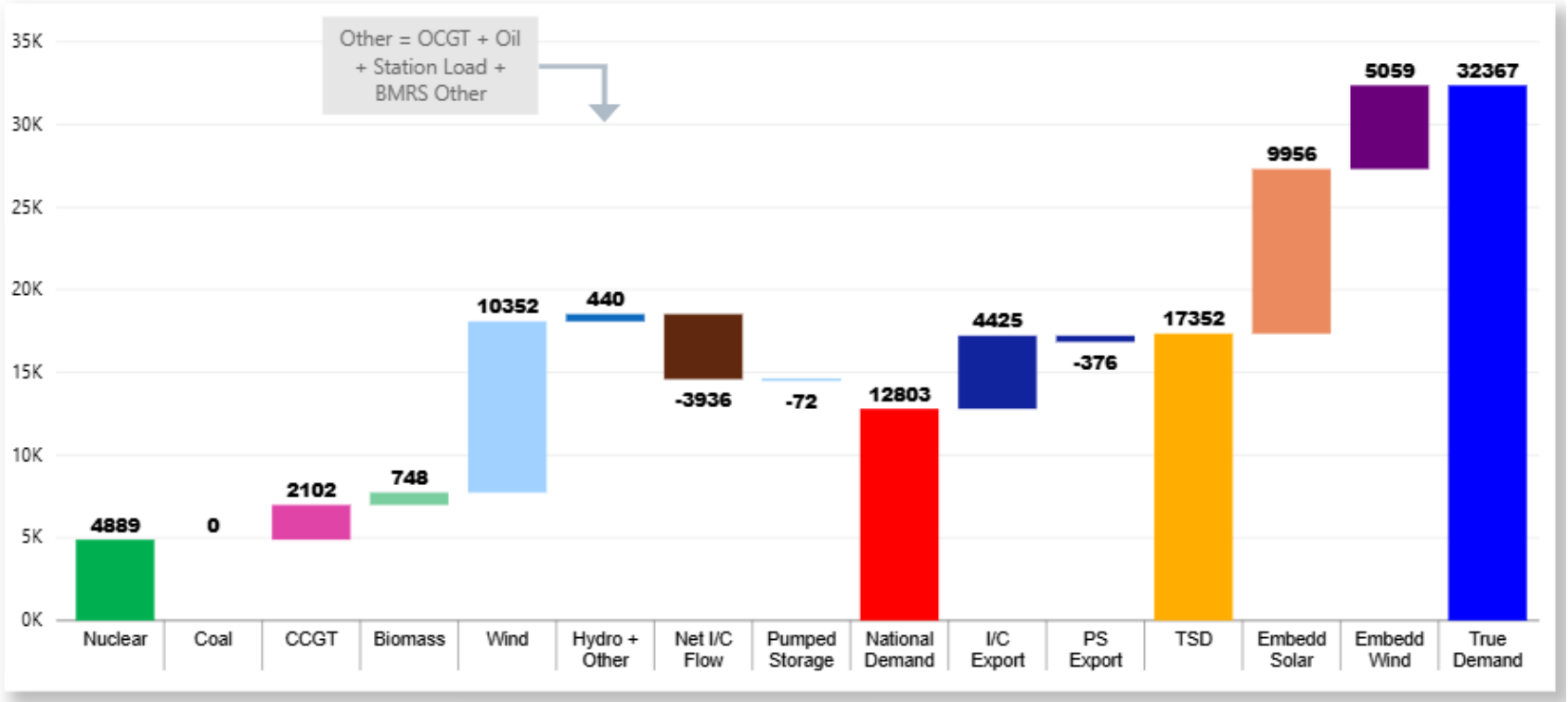
NESO Actions | Minimum Demand – SP spend ~£231k Sunday 25th May

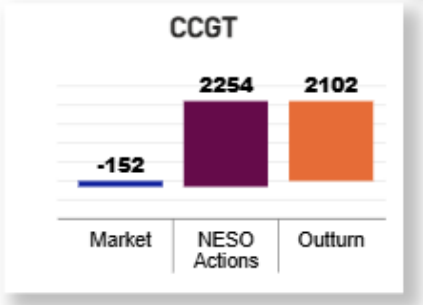
Slido code #OTF

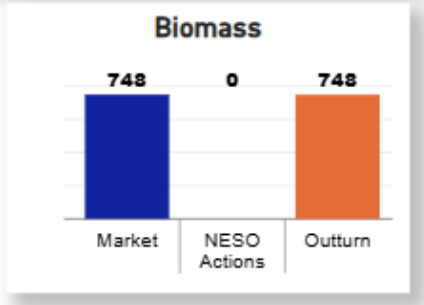
Date: 25 May 2025 | SP: 30

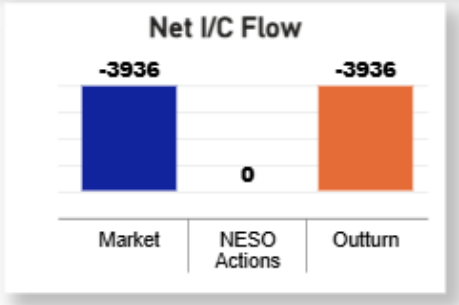
Half-hour preceding
15:00

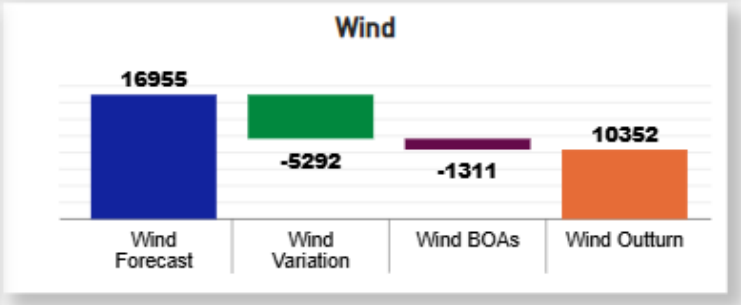












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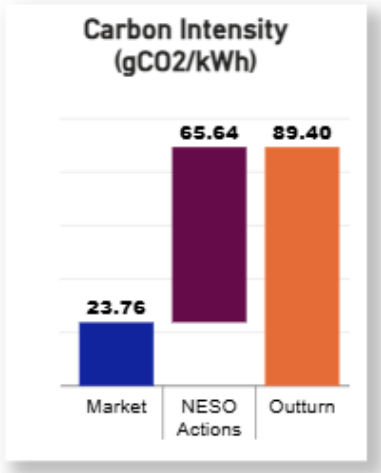
NESO Actions | – Highest SP spend ~£458k Sunday 25th May

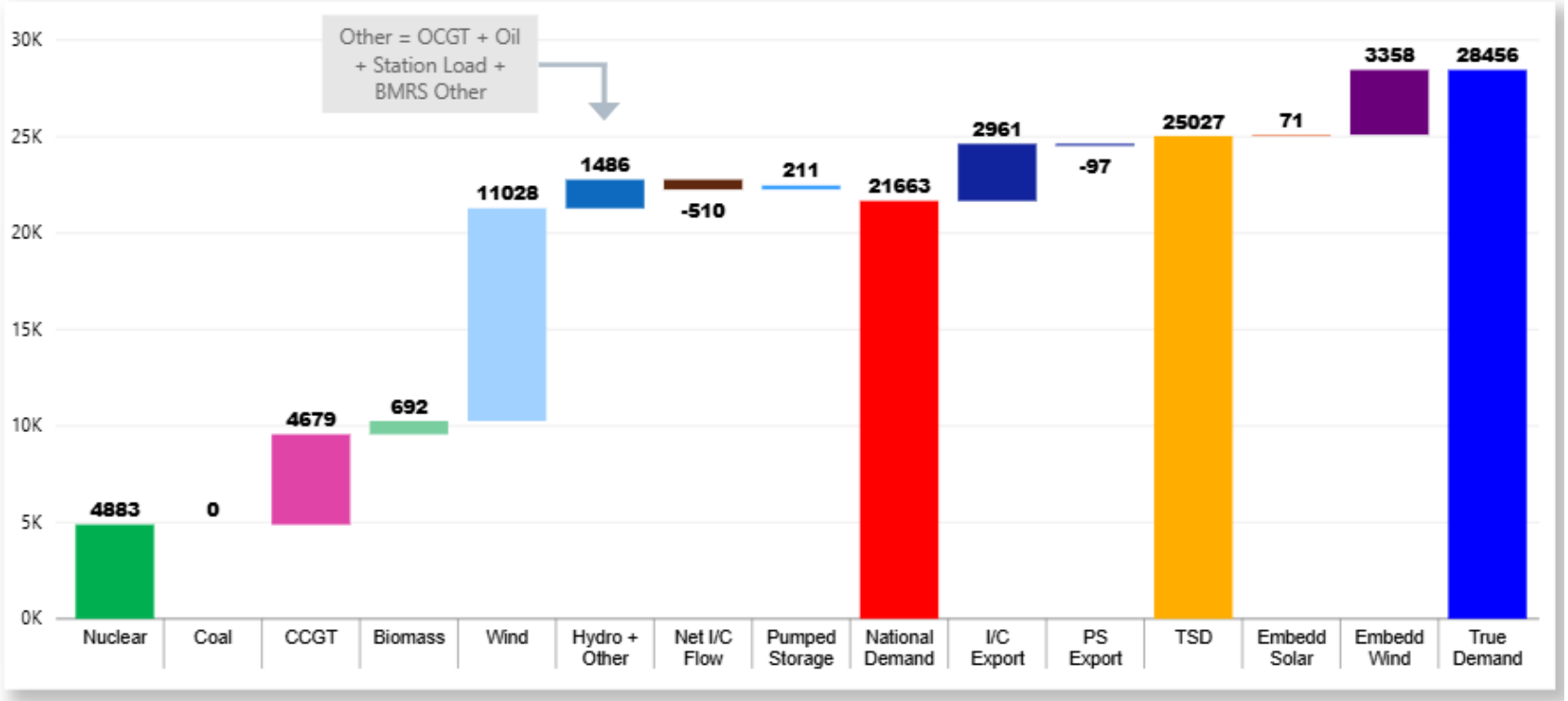
Slido code #OTF

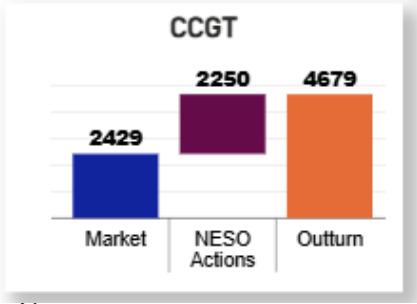
Date: 25 May 2025

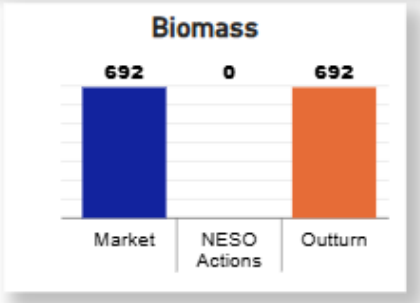
SP: 42

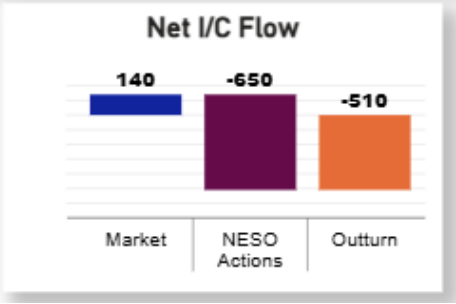
Half-hour preceding: 21:00

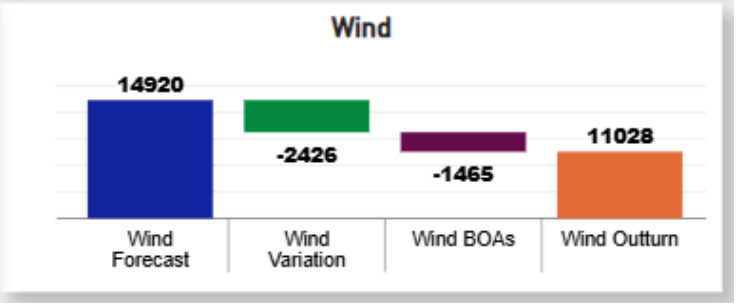












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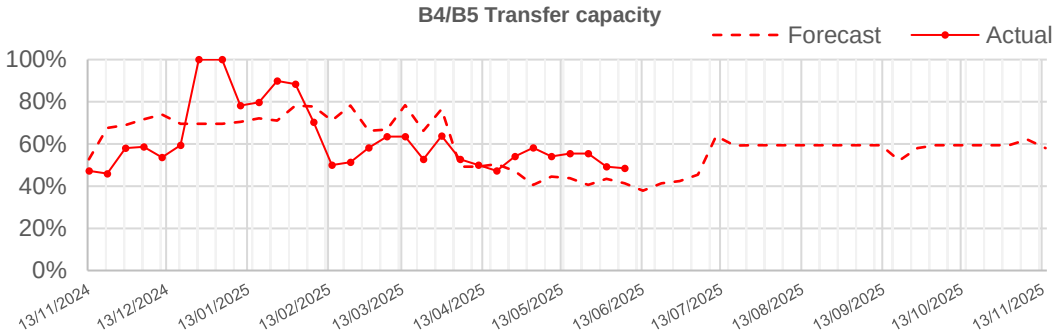
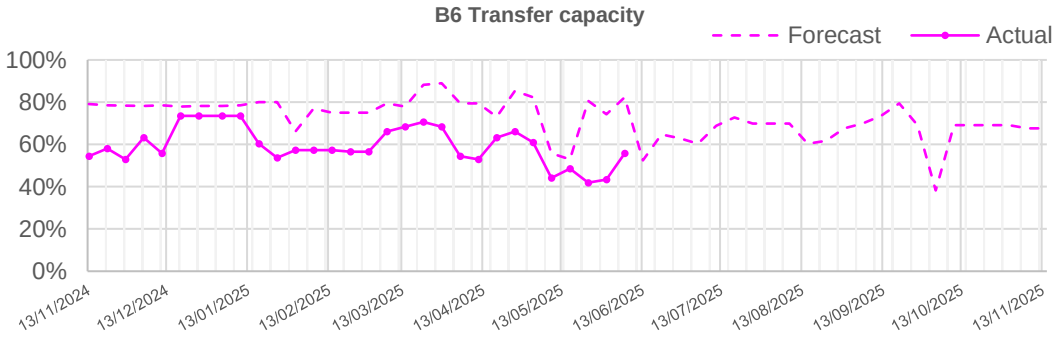
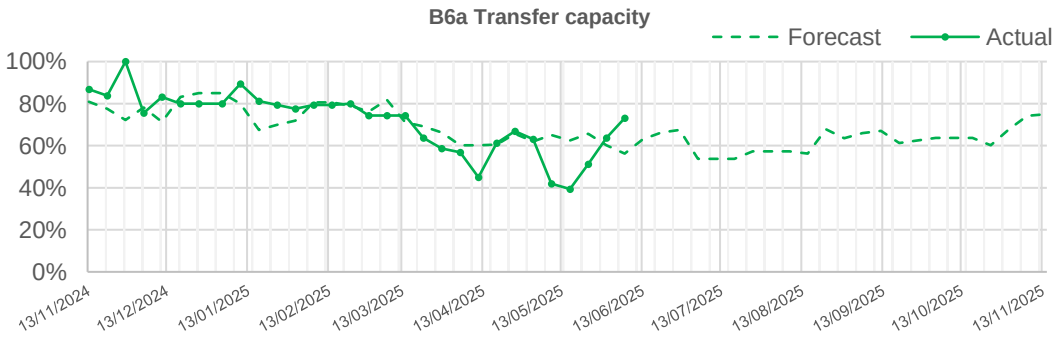
Transparency | Network Congestion

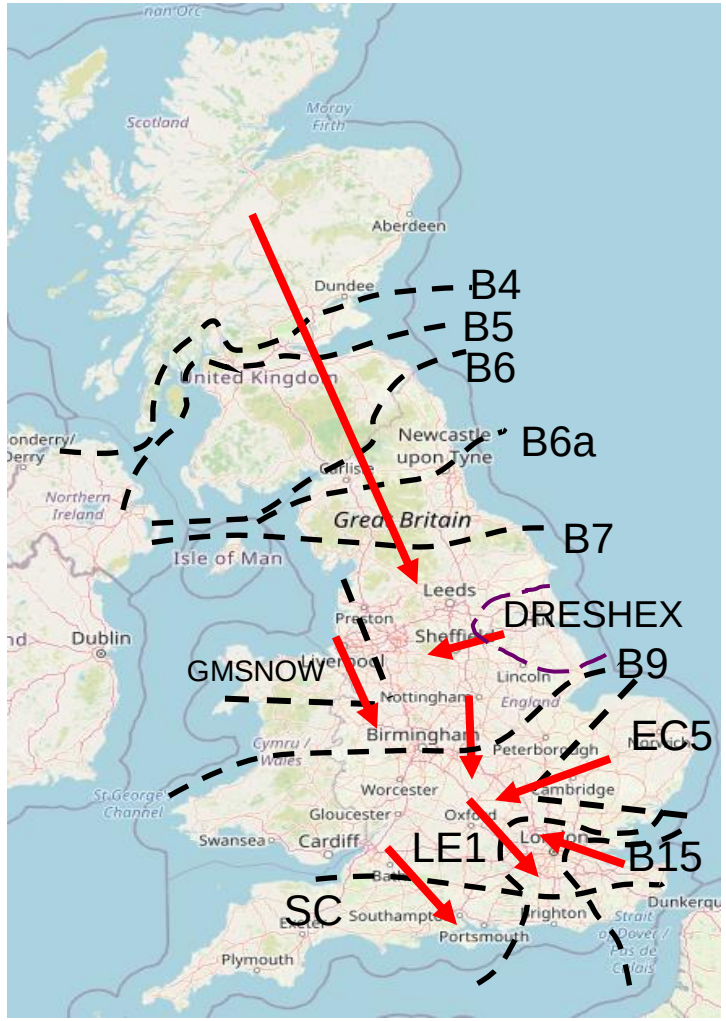






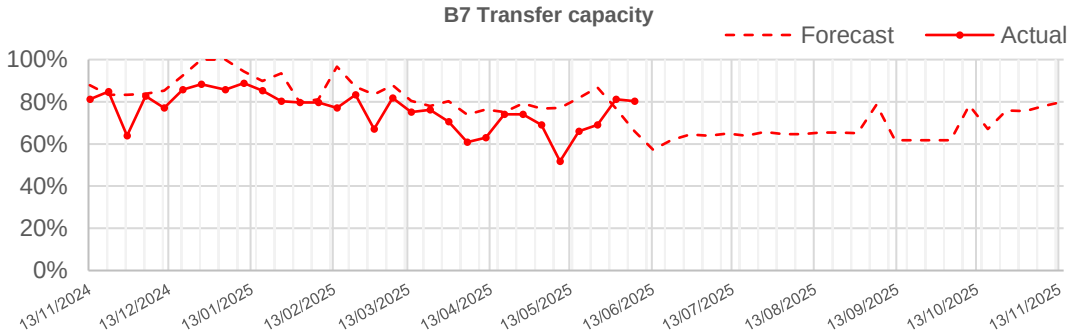
Boundary	Max. Capacity (MW)	Current Capacity (%)
B4/B5	3400	48%
B6 (SCOTEX)	6800	56%
B6a	8000	73%
B7 (SSHARN)	9850	80%
GMSNOW	5800	27%
FLOWSTH (B9)	12700	77%
DRESHEX	9675	57%
EC5	5000	69%
LE1 (SEIMP)	8750	57%
B15 (ESTEX)	7500	84%
SC1	7300	100%

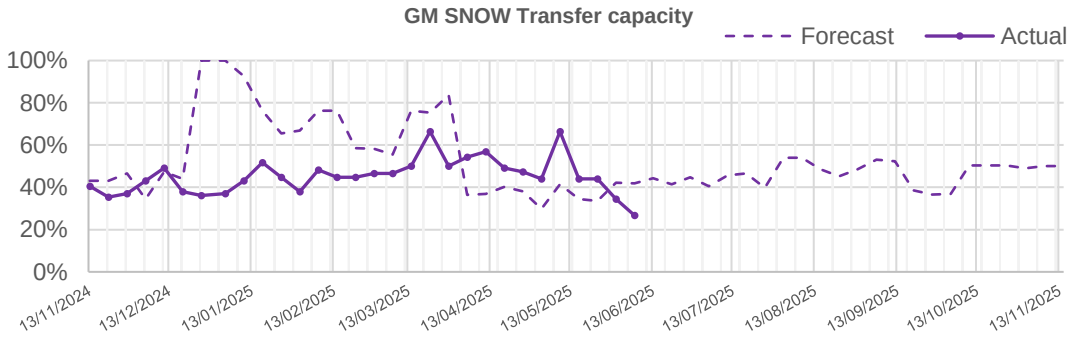
Slido code #OTF

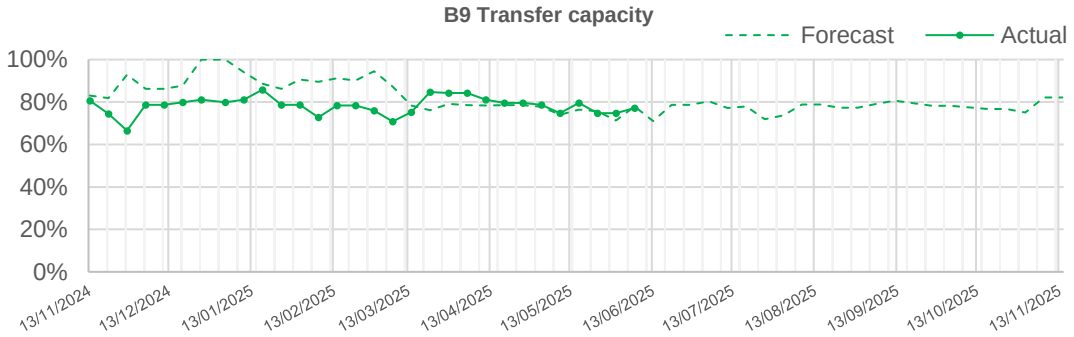


NESO National Energy System Operator

Transparency | Network Congestion







Boundary	Max. Capacity (MW)	Current Capacity (%)
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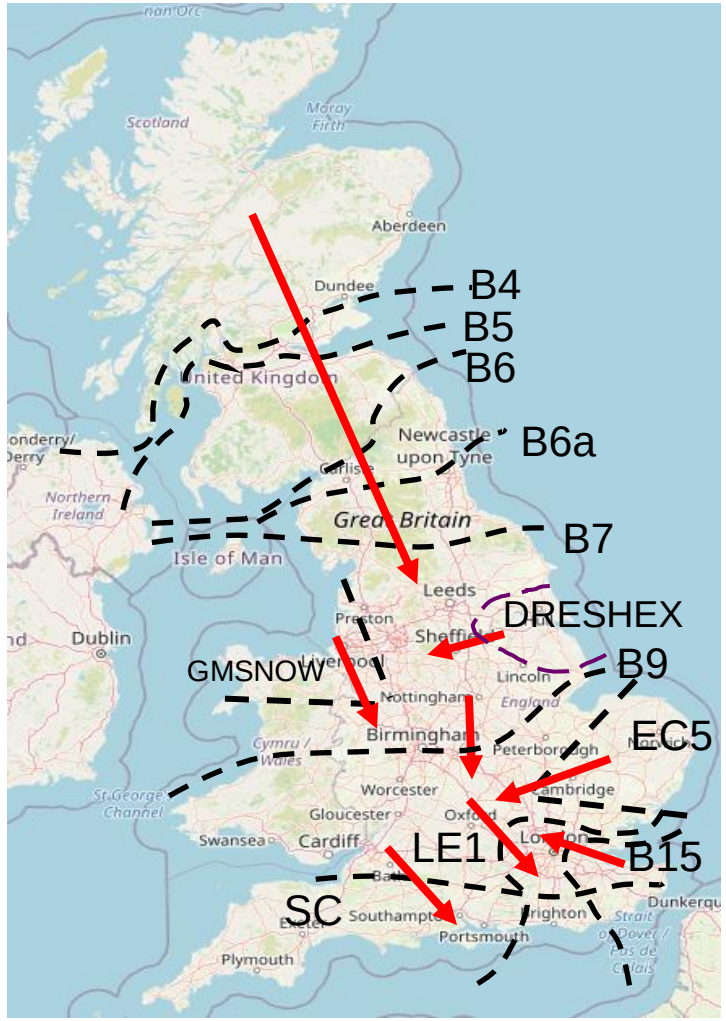
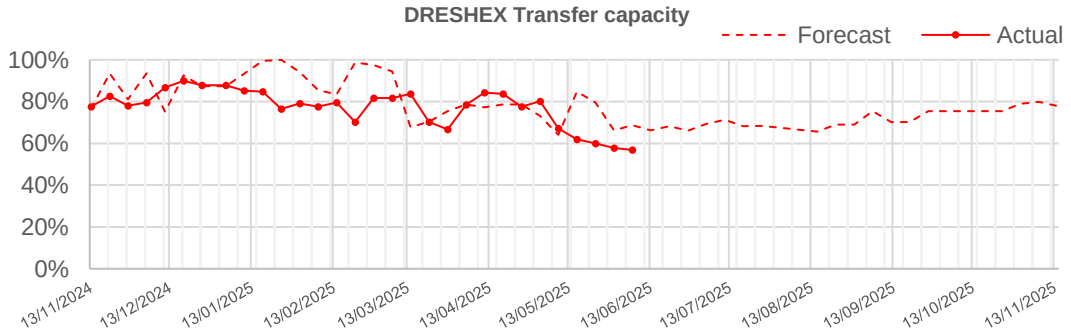
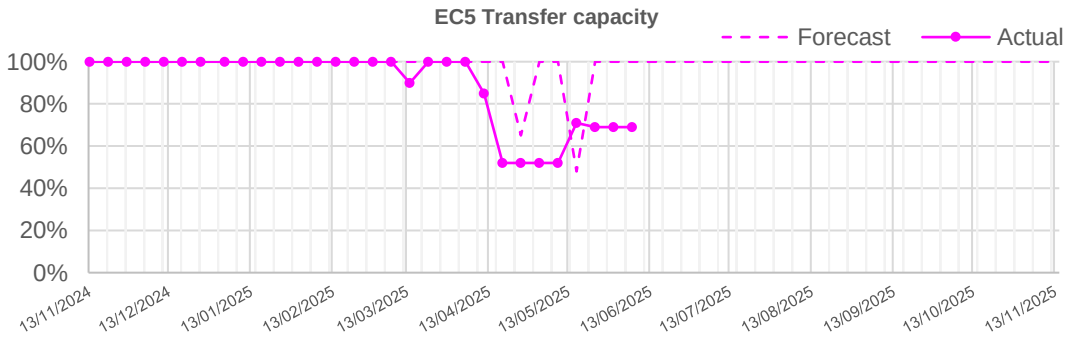
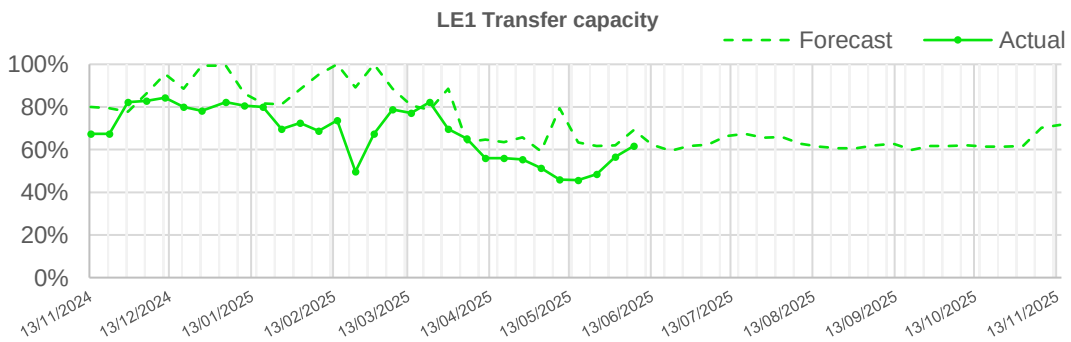


Transparency | Network Congestion







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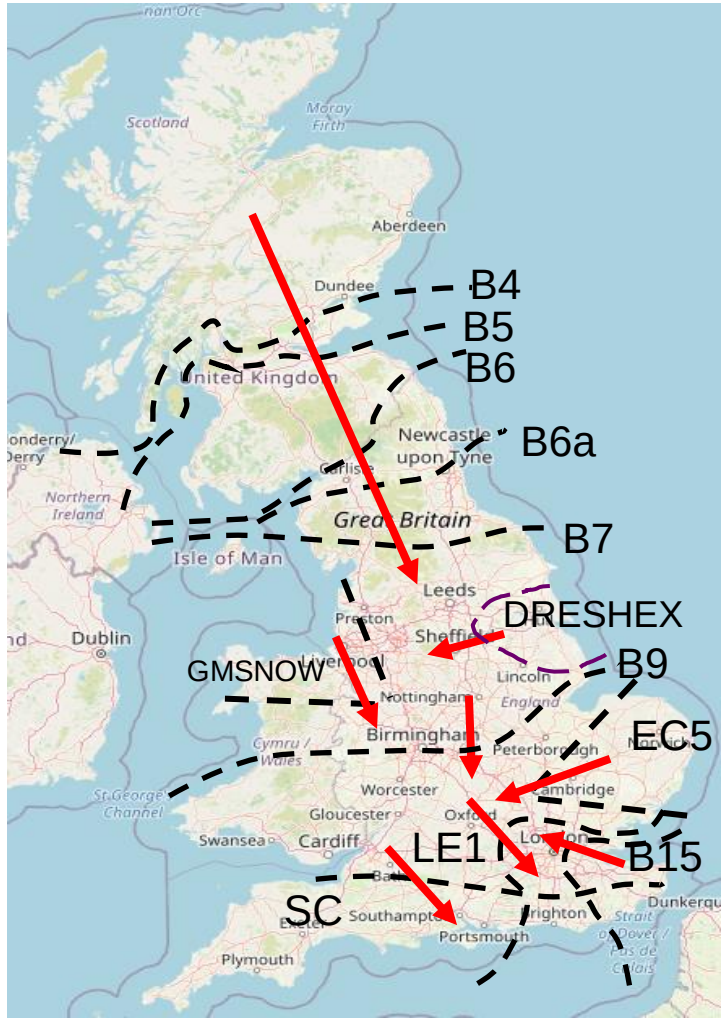
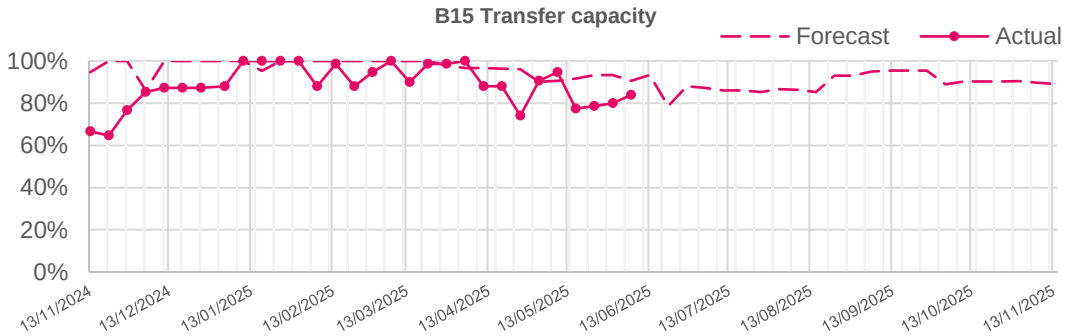
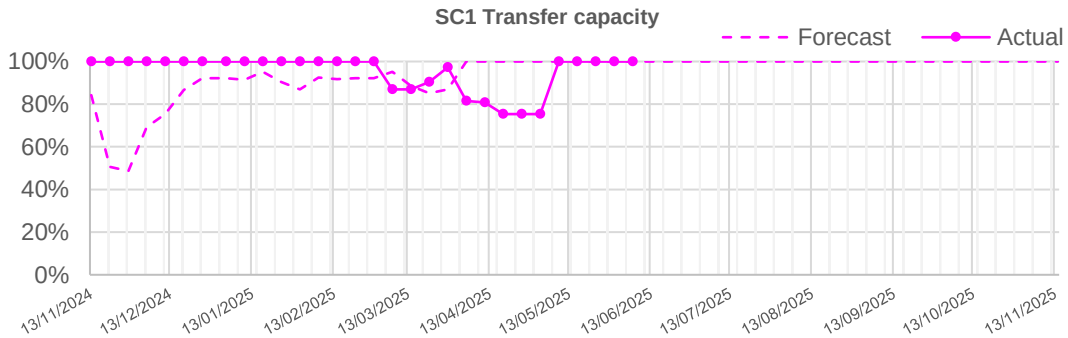


Transparency | Network Congestion





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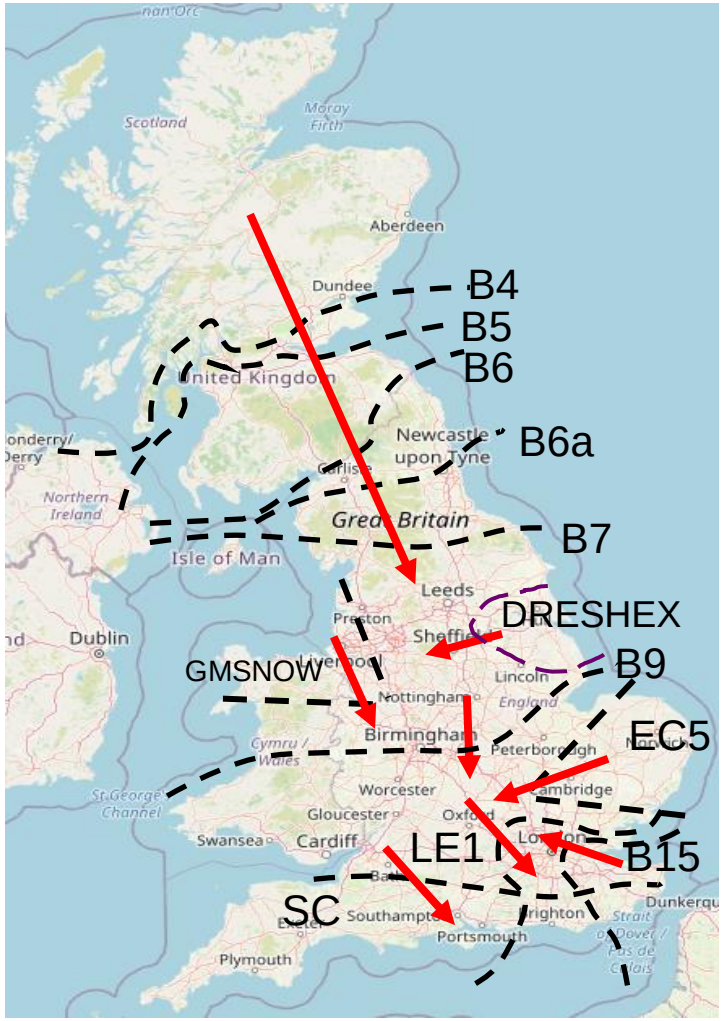

Day ahead flows and limits, and the 24-month constraint limit forecast are published on the ESO Data Portal: Constraints Management

(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)

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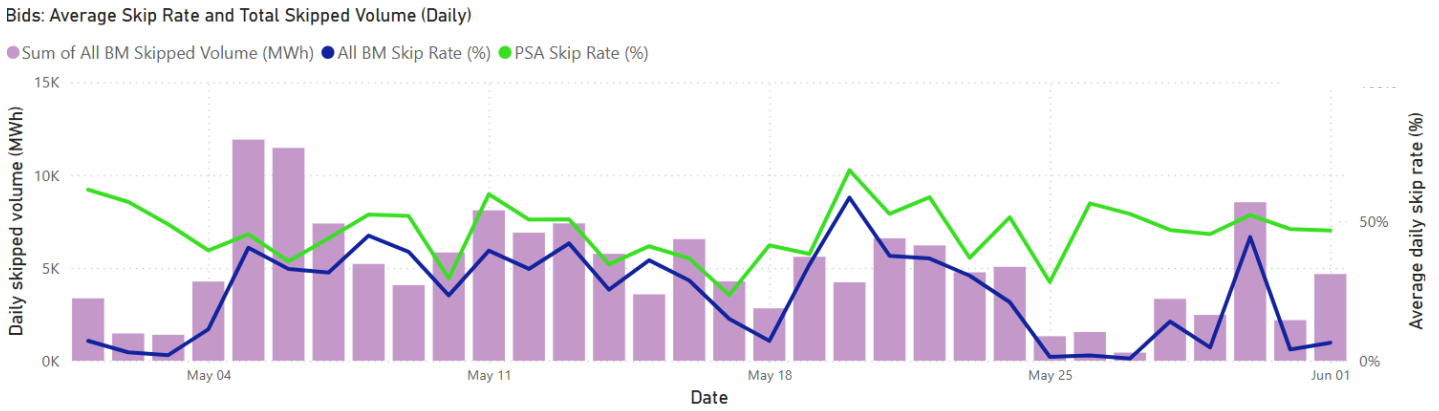
Skip Rates

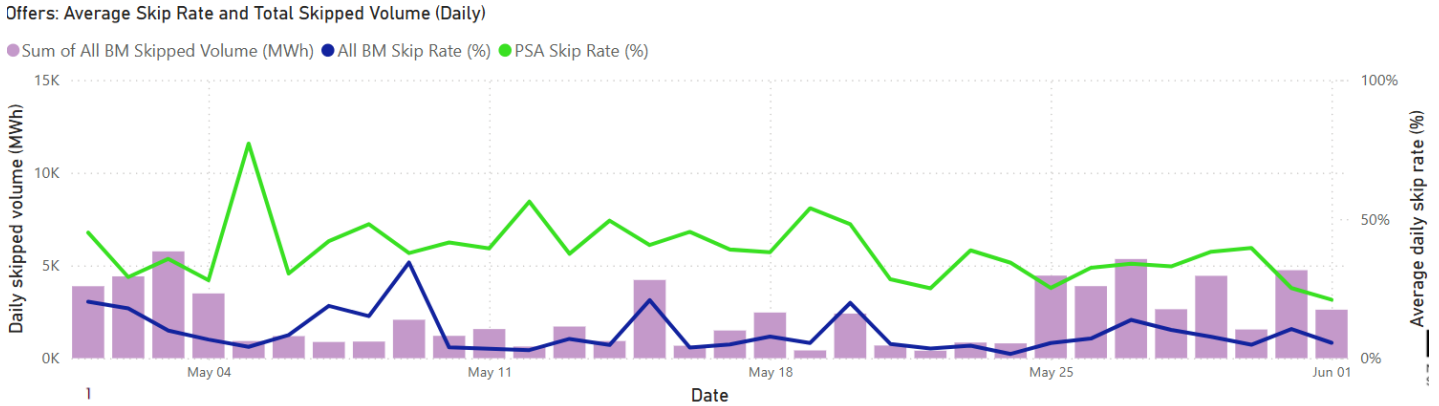
Slido code #OTF

We are now sharing the summary skip rate data on a rolling 4-week basis. We welcome your comments on if you find this valuable and feedback on how we present this data.

Weekly Average w/e	Offers - All BM	Offers - PSA	Bids - All BM	Bids - PSA
11/05	7%	41%	35%	43%
18/05	7%	41%	23%	38%
25/05	5%	31%	17%	47%
01/06	8%	31%	7%	49%

Monthly Average	Offers - All BM	Offers - PSA	Bids - All BM	Bids - PSA
January	19%	37%	12%	53%
February	17%	37%	5%	50%
March	17%	33%	7%	48%
April	13%	43%	18%	45%
May	8%	35%	15%	44%
June (MTD)	7%	35%	17%	43%





Slides and recordings from the Forum on 1st May are now available on the skip rate website.

box.SkipRates@nationalenergyso.com

Skip rate data and more info on skip rates and battery storage including methodology.

w/e 1st June: High volume of system bid actions at the start of the week which causes significant difference between All BM and PSA bid skip rate. Over the same period, the offer skip volume was higher than previous days, due to an increased volume of offers needed for replacement energy.

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PSA: Post System Action

Previously Asked Questions

Slido code #OTF

Q: (02/04/2025) When you do an emergency return to service why do you not notify the market of what is returning? It would be useful to know at least the impacted region - gencos need to manage TCLC obligations.

A: The emergency return to service is currently notified to the market through the BMRS (Elexon) System Warnings. These messages have a set format and this does not allow for us to include details of the outage we are returning.

This information was agreed to be published under Grid Code modification GC0109. The entire range of real time system state cannot be published due to involvement of sensitive infrastructure information and risk of constraints being manipulated.

Q: (21/05/2025) Can you share the data behind graph on slide 23 'operational wind outturn and wind curtailment volumes'?

A: This data is not currently publicly available. To request data that is not currently shared via the Open Data Portal or our public website, please submit a request through the Data Request Form. For more information: Data Sharing Approach

Previously Asked Questions

Q: (21/05/2025) You still seem to be reporting wind output below forecasts most of the time. What is the bias in the forecast and what is being done to fix it?

A: The wind power forecasts that are available externally will seem to over forecast more often than under forecast. This is because the reasons for over forecasting occur more frequently.

We forecast unconstrained wind power output and so when the control room issues an instruction to curtail because of a transmission constraint or if the wind farm chooses to reduce output because of commercial considerations or if there is a technical breakdown of some kind, then the power output of the windfarm will be less than we would have forecasted. This is also true if the weather forecast indicates strong winds and reality gives us lighter winds.

We try to take into account planned outages on the electricity network that prevent wind farms from generating and planned outages on wind farms that have been notified to us. In both these cases we reduce our forecasts accordingly. We also take into account wind turbine cut-out when the wind speed is too high and wind turbines shut down for safety reasons. Unfortunately a small error in wind speed forecast can result in a large error in our wind power forecasts when the wind is blowing at or near to the cut-out speed of a turbine.

There are a few occasions when the weather forecasting company forecasts a low wind speed and reality gives us a higher speed. There are also times when equipment comes back into service early and so a previously declared outage on the electricity network or wind turbine is lifted. In both these situations the actual power output is greater than the value that would have been forecasted.

Previously Asked Questions

Slido code #OTF

Q: (28/05/2025) What were the emergency assistance actions for over the last couple of days?

Advance Q: (29/05/25) I see 2 system warnings were published on the 27th and 28th May were emergency instructions were agreed on the Interconnectors, can you tell us what caused the need for these actions?

A: The emergency assistance was required to manage system security in the South-East of England following an issue with particular interconnector trades that did not complete correctly.

Q: (28/05/2025) If negative pricing causes a shortfall in MWh due to an intermittent source pulling out, will that shortfall not cause price to become positive again?

A: Negative pricing reduces MWhs of wind generation but doesn't necessarily lead to a MWh shortfall. Different auction rounds of CFD wind have different negative price thresholds at which they are no longer incentivised to generate. Given the circumstances required to observe negative pricing there is still likely to be excess wind generation from the remaining, even allowing from the reduced MWhs. Whilst adding some support to prices, this will not necessarily see them become positive again. The intraday price effects will be dependent on several other factors.

Previously Asked Questions

Q: (28/05/2025) NESO has outlined that increasing levels of wind and solar makes the system harder to balance day to day and is leading to increased balancing costs. Has NESO considered the proposed savings from lower fuel costs from wind are offset by increased balancing costs to use vs. dispatchable generation?

A: We have been conducting some research into quantifying the actual impact of renewables on wholesale prices, and balancing costs. If you are interested in finding out more, or when the publication will be available, please reach out to box.balancing.costs@nationalenergyso.com

It is important to note that this analysis does not include the cost impact from subsidies such as CfDs or ROCs (Renewable Obligation Certificates). The cost of these in relation to a consumer bill can be found on Balancing costs | National Energy System Operator

Q: (28/05/2025) Highest SP: you reduced i/c imports then claim that increasing gas was for margin. Surely that means it was for ancillary services, as i/cs are asynchronous and gas power stations are synchronous?

A: Actions taken in the control room are complex, and are often for a variety or combination of reasons. When we trade on the interconnectors, we are procuring capacity from them, not energy. This does change the flow as noted in the question however.

The decision to reduce interconnector imports and increase CCGT output allows us to procure greater margin as we get the margin from the CCGT within GB, and have greater margin from the difference in flow and potential flow from the interconnector. While interconnectors are asynchronous, gas power stations provide essential ancillary services such as margin, inertia, and voltage support, which is an additional benefit to the system that we get when performing this type of action.

These actions are sometimes necessary to ensure system stability. Utilising CCGTs ensures sufficient synchronous generation, which is critical for grid stability. Synchronous generators contribute to inertia and voltage support, vital for resisting frequency changes and ensuring smooth network operation.

Advance Questions

Slido code #OTF

Q: (02/06/25) Since the middle of May there has been a near continuous requirement for a 650MW Sell trade on the IFA1 interconnector in the NESO interconnector auctions. No other interconnectors are listed as qualified to provide this service. Please can you can provide more information as to why this specific requirement exists (e.g. what system conditions are causing it). Also, do you have a view on when this requirement is likely to end?

A: To manage system security in the south-east of England it has been necessary for us to restrict the maximum flow on IFA via trading or Intraday Transfer Limits (ITL). This is due to an outage of reactive equipment at Sellindge (where IFA connects to the transmission system) combined with a particular overhead line outage in the south coast, and therefore no other interconnector is able to alleviate the issue. The Sellindge outage is due to end on the 13th June, removing the restriction.

Advance Questions

Slido code #OTF

Q: (23/05/25) Where can we see a detail breakdown of the weekly balancing costs shown in the OTF? In particular I'd be curious to see how much of the Reserve cost comes from Quick Reserve and how much comes from other actions

Q: (02/06/25) Once NESO starts operationally metering a unit and hence includes it in its list of National Demand Balancing Mechanism Units does it ALWAYS continue to operationally meter that unit? Are there any circumstances in which NESO stops operationally metering a unit once it has started doing so other than if the unit closes? For example, if an operationally metered unit stops reporting metered data through its own dedicated BMU and instead has its metered data included in a supplier BMU does NESO stop operationally metering the unit?

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Outstanding Questions

Slido code #OTF

Q: (09/04/2025) We noticed several periods last week (e.g. SP23 on 06/04) where many of the wind bids were not SO-flagged. From what we can tell, they seemed to be taken for system reasons. Could you please clarify whether they were taken for system reasons or not? and if we can expect this behaviour to continue?

Q: (30/04/2025) For BMU's with no dynamic data submitted (e.g. some solar sites) how does the OBP / control room know they're dispatchable and what MZT's are? There have been instances of solar turn off with no data visible on Elexon insights.

Q: (28/05/25) Have NESO considered changing the "deemed unavailability" from BMU's submitting £9999 offer prices to an additional BMU submitted flag stating if a unit is available or unavailable for BOA's? (All units)

Q: Don't all licenced plant have to give bids and offers, where they physically can, or risk a breach of licence?

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Reminder about answering questions at the NESO OTF

Slido code #OTF

- **Questions from unidentified parties will not be answered live**. If you have reasons to remain anonymous to the wider forum, please use the advance question or email options. Details in the appendix to the pack.
- **The OTF is not the place to challenge the actions of individual parties** (other than the NESO), and we will not comment on these challenges. This type of concern can be reported to the Market Monitoring team at: marketreporting@nationalenergyso.com
- **Questions will be answered in the upvoted order whenever possible**. We will take questions from further down the list when: the answer is not ready; we need to take the question away or the topic is outside of the scope of the OTF.
- **Slido will remain open until 12:00**, even when the call closes earlier, to provide the maximum opportunity for you to ask questions.
- **All questions will be recorded and published** All questions asked through Sli.do will be recorded and published, with answers, in the Operational Transparency Forum Q&A on the webpage: https://www.neso.energy/what-we-do/systems-operations/operational-transparency-forum
- **Takeaway questions** – these questions will be included in the pack for the next OTF, we may ask you to contact us by email in order to clarify or confirm details for the question.
- **Out of scope questions** will be forwarded to the appropriate NESO expert or team for a direct response. We may ask you to contact us by email to ensure we have the correct contact details for the response. These questions will not be managed through the OTF, and we are unable to forward questions without correct contact details. Information about the OTF purpose and scope can be found in the appendix of this slide pack

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slido

Audience Q&A

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

Feedback

Slido code #OTF

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

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

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

Appendix

Purpose and scope of the NESO Operational Transparency Forum

Slido code #OTF

Purpose:

The Operational Transparency Forum runs once a week to provide updated information on and insight into the operational challenges faced by the control room in the recent past (1-2 weeks) and short-term future (1-2 weeks). The OTF will also signpost other NESO events, provide deep dives into focus topics, and allow industry to ask questions.

Scope:

Aligns with purpose, see examples below:

In Scope of OTF

Material presented i.e.: regular content, deep dives, focus topics
NESO operational approach & challenges
NESO published data

Out of Scope of OTF

Data owned and/or published by other parties
e.g.: BMRS is published by Elexon
Processes including consultations operated by other parties e.g.: Elexon, Ofgem, DESNZ
Data owned by other parties
Details of NESO Control Room actions & decision making
Activities & operations of particular market participants
NESO policy & strategic decision making
Formal consultations e.g.: Code Changes, Business Planning, Market development

NESO National Energy System Operator

Managing questions at the NESO Operational Transparency Forum

Slido code #OTF

- OTF participants can ask questions in the following ways:
  - Live via Slido code #OTF
  - In advance (before 12:00 on Monday) at https://forms.office.com/r/k0AEfKnai3
  - At any time to box.nc.customer@nationalenergyso.com

- **All questions asked through Sli.do** will be recorded and published, with answers, in the Operational Transparency Forum Q&A on the webpage: Operational Transparency Forum | NESO
- **Advance questions** will be included, with answers, in the slide pack for the next OTF and published in the OTF Q&A as above.
- **Email questions** which specifically request inclusion in the OTF will be treated as Advance questions, otherwise we will only reply direct to the sender.
- **Takeaway questions** – we may ask you to contact us by email in order to clarify or confirm details for the question.
- **Out of scope questions** will be forwarded to the appropriate NESO expert or team for a direct response. We may ask you to contact us by email to ensure we have the correct contact details for the response. These questions will not be managed through the OTF, and we are unable to forward questions without correct contact details. Information about the OTF purpose and scope can be found in the appendix of this slide pack.

NESO National Energy System Operator

Skip Rates – 'In Merit' datasets

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).