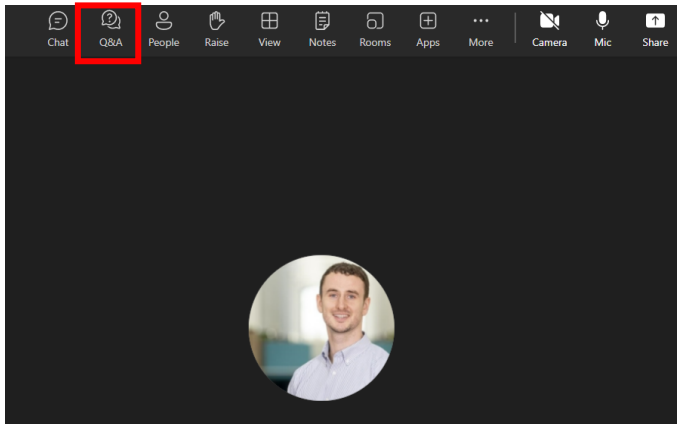




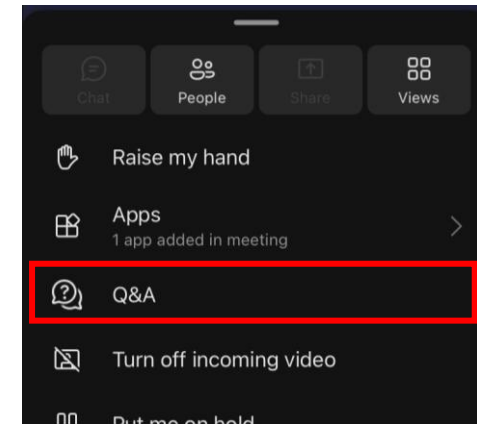
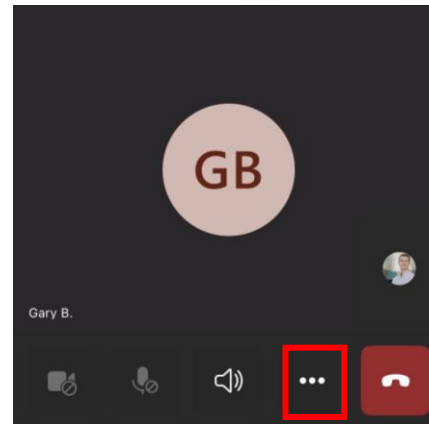
Housekeeping

- Attendees are automatically muted and cameras will be unavailable.
- There is time for a Q&A at the end following the presentations.
- Questions can be asked **via** Q&A within this meeting

Laptop



Mobile



Agenda

16 July 2026 10:00

10:00 Welcome & Introduction Max Chapman, Operational Liaison Manager

10:03 Operational Update Alison Tann, Head of Operational Delivery

10:15 Gas' Evolving Role in the GB Power System Francois Blin, Senior Gas Market Analyst

10:30 Hydrogen Market Framework Peter Crook, Hydrogen Operability Manager

10:45 General Updates Charlotte Gillan, Senior Operational Liaison Officer

10:50 Q&A



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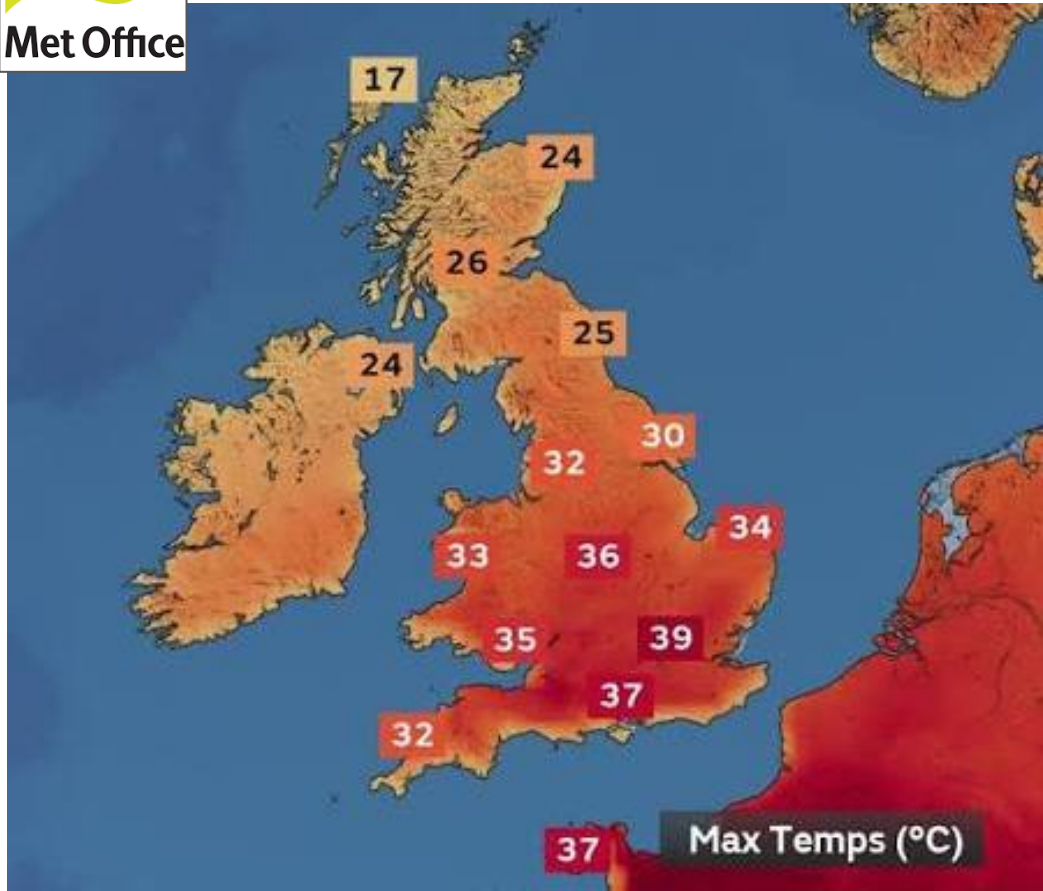
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Alison Tann

Head of Operational Delivery

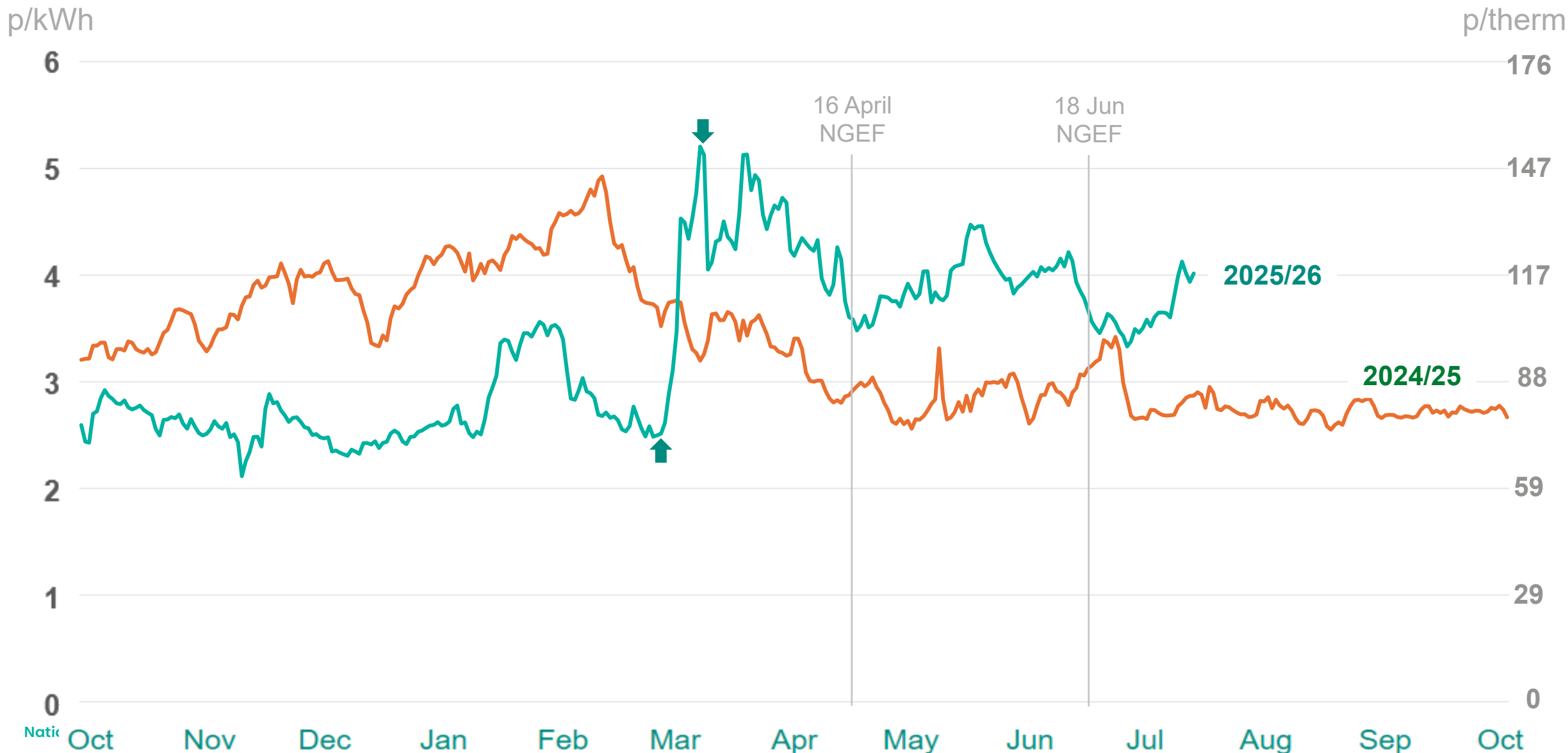


Since the last National Gas Energy Forum:



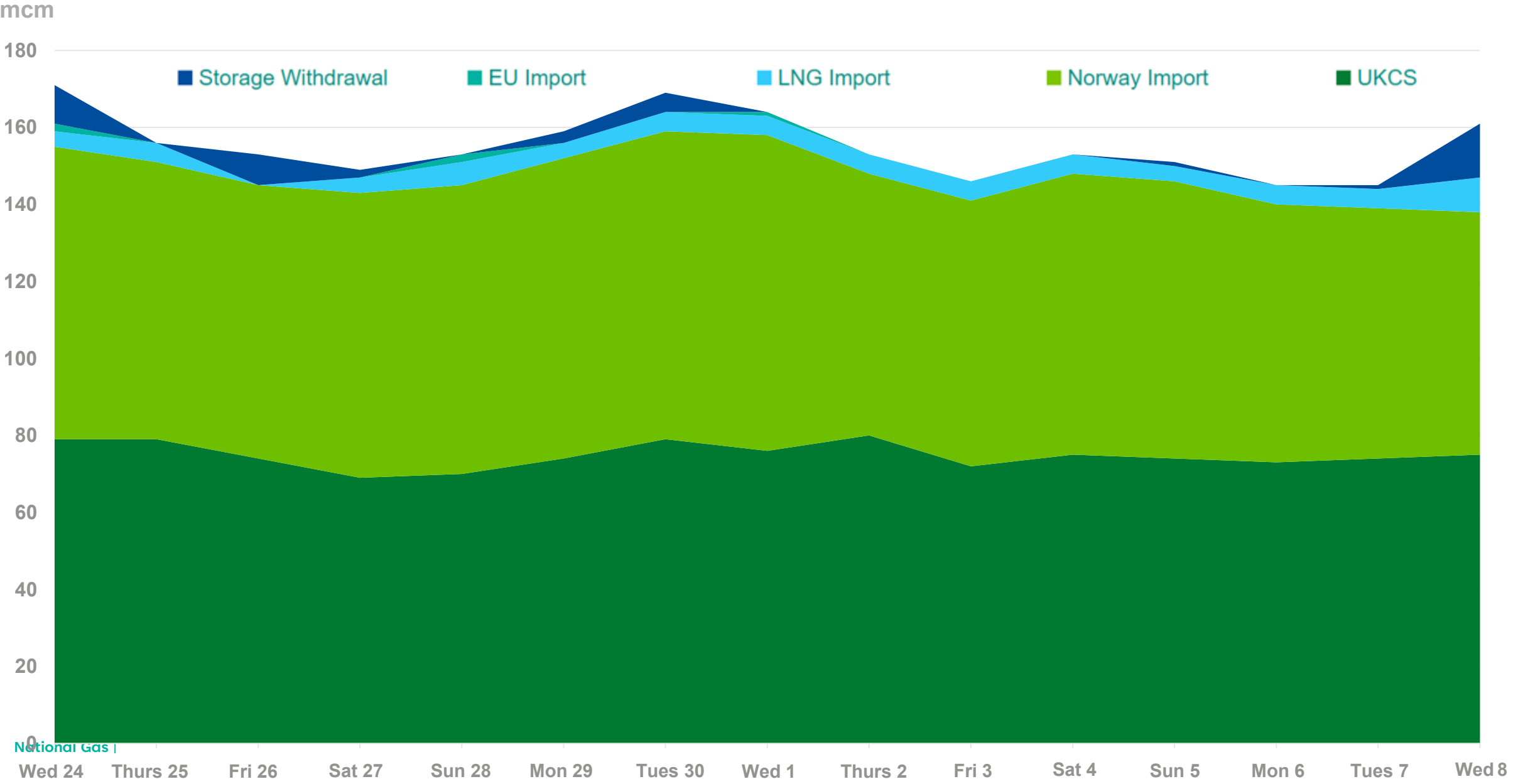
System Average Prices

Current vs previous gas year



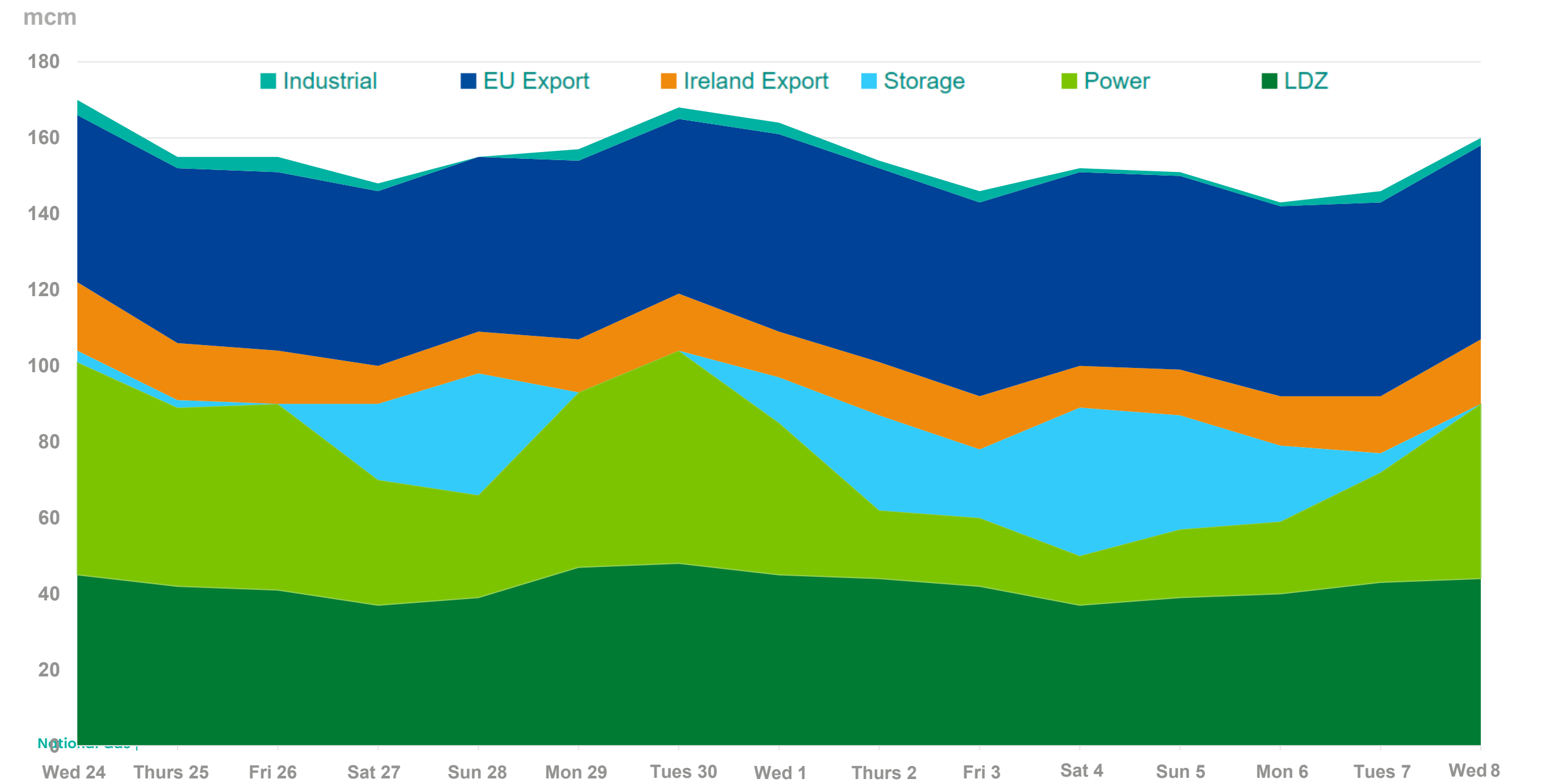
NTS Supply overview

24 June – 8 July



NTS Demand overview

24 June – 8 July



GB and LNG Storage Levels

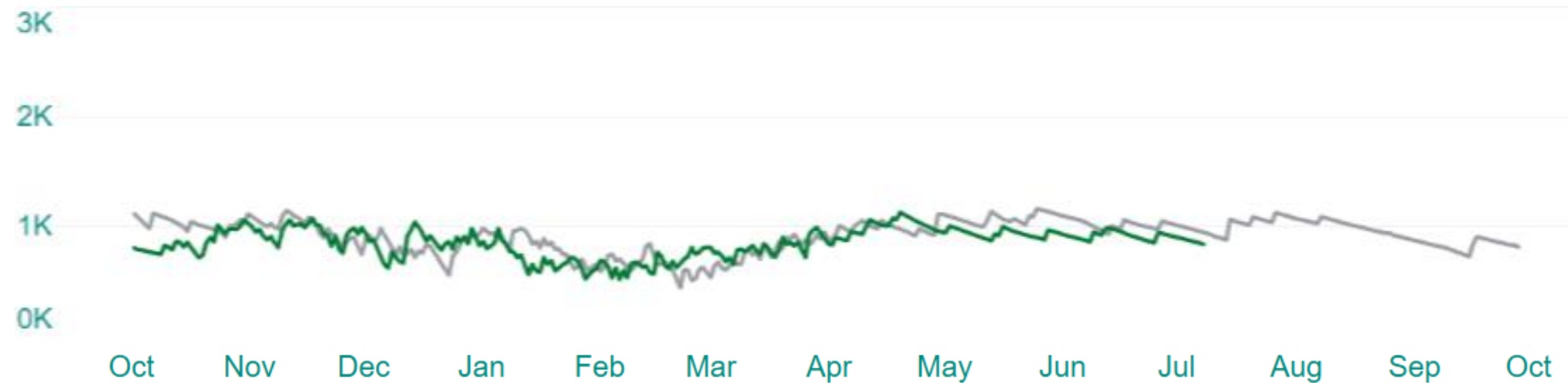
Total GB Storage Stock
429 mcm
24% full (MRS)

— Oct-25 – June-26
— Oct-24 – Oct-25*



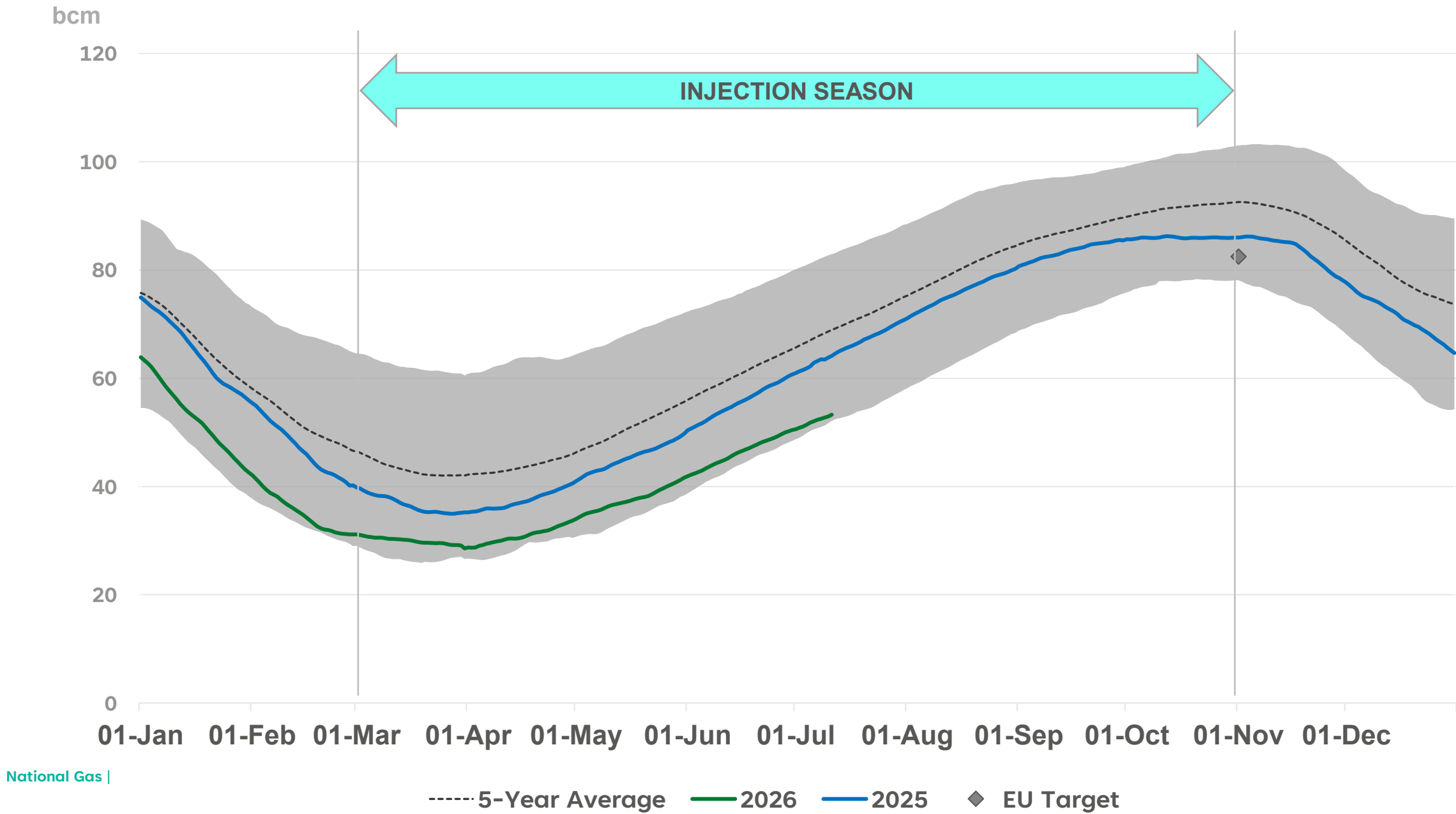
Total LNG Storage Stock
796 mcm
62% full

— Oct-25 – June-26
— Oct-24 – Oct-25



All data as at 16:00 14/7
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EU Storage Levels



Maintenance





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Francois Blin
Senior Gas Market Analyst





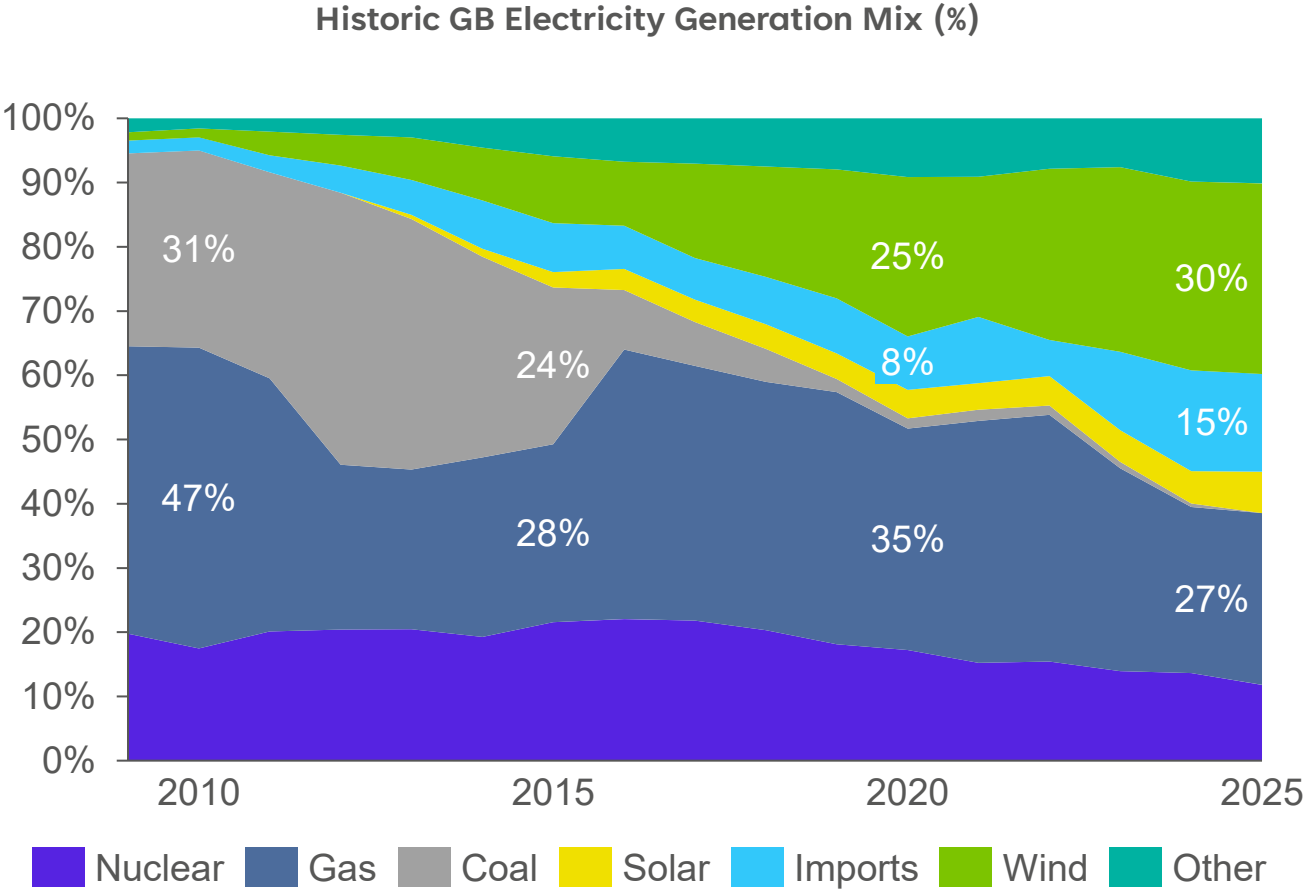
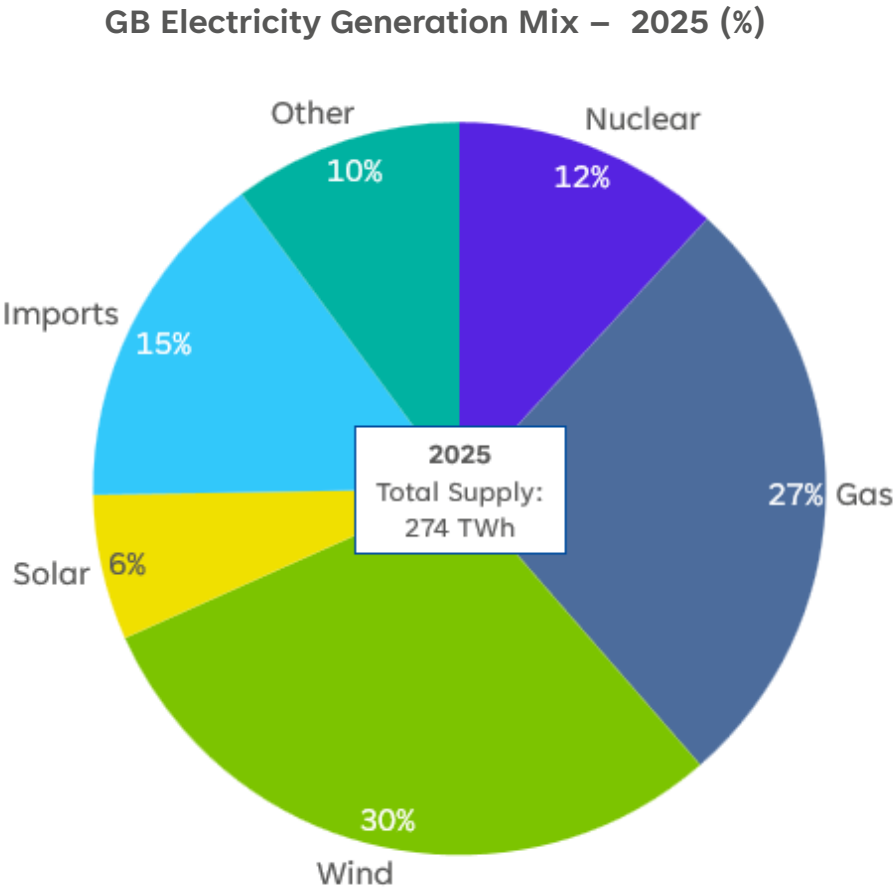
Gas' evolving role in the GB power system

Market Fundamentals

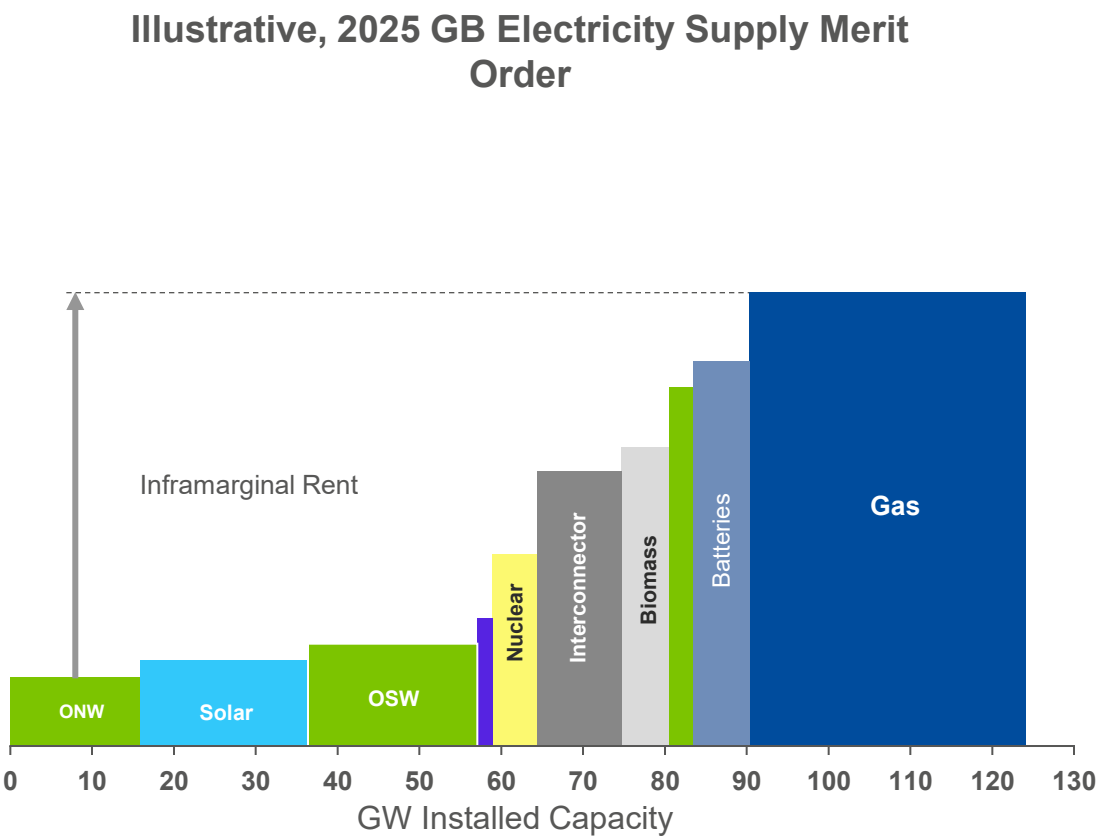
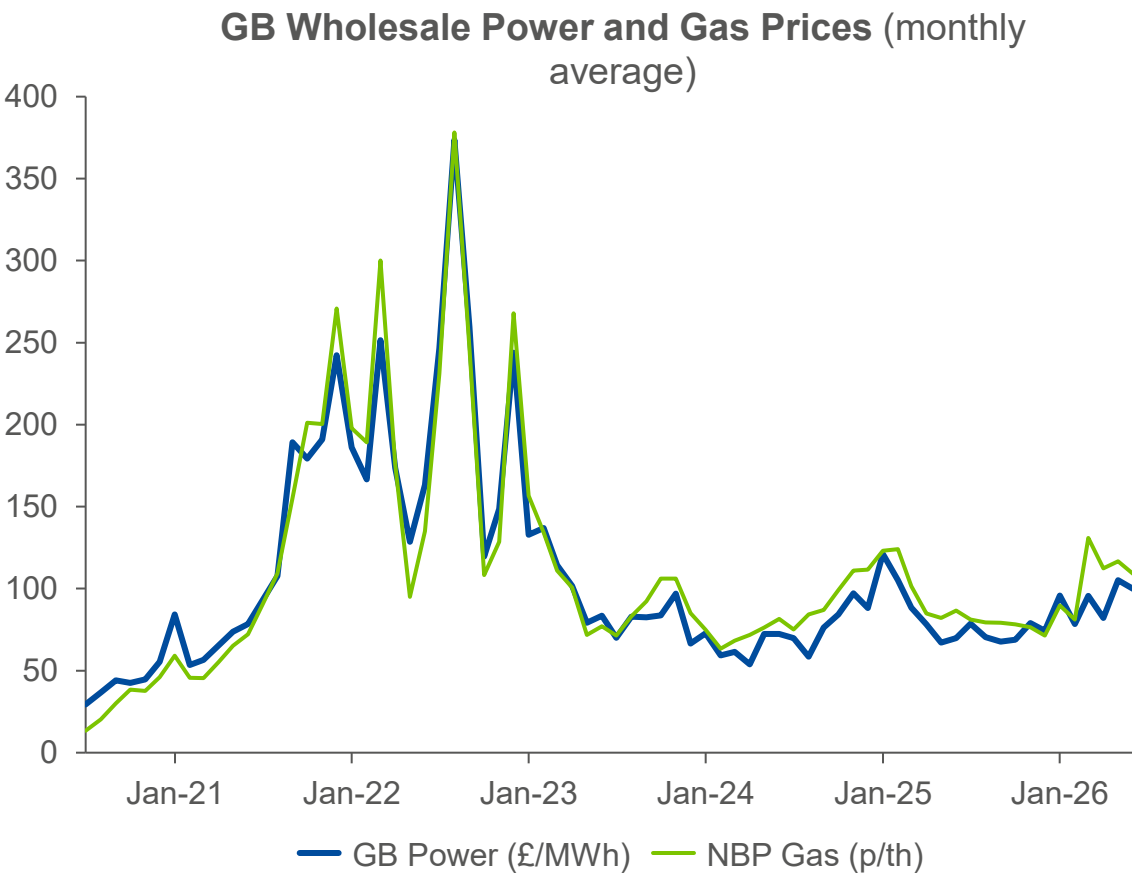
Francois Blin



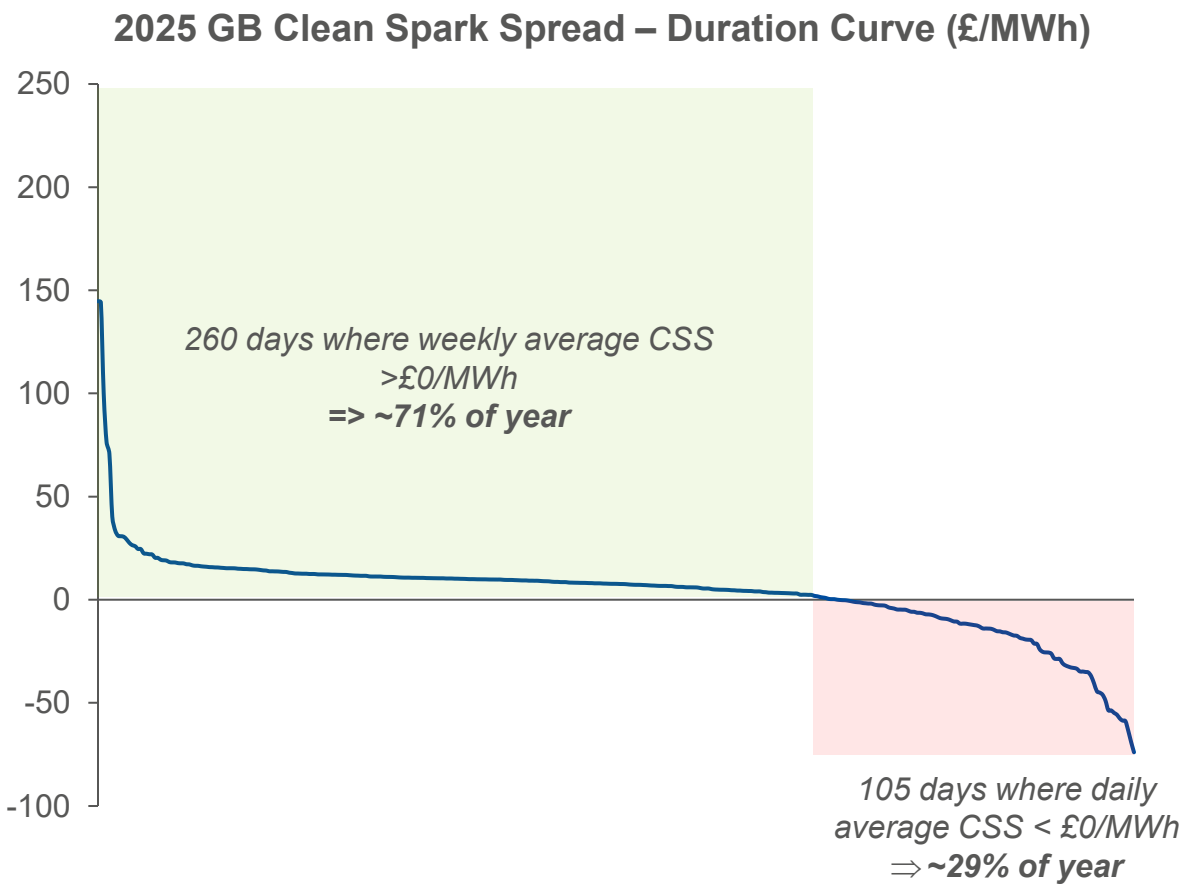
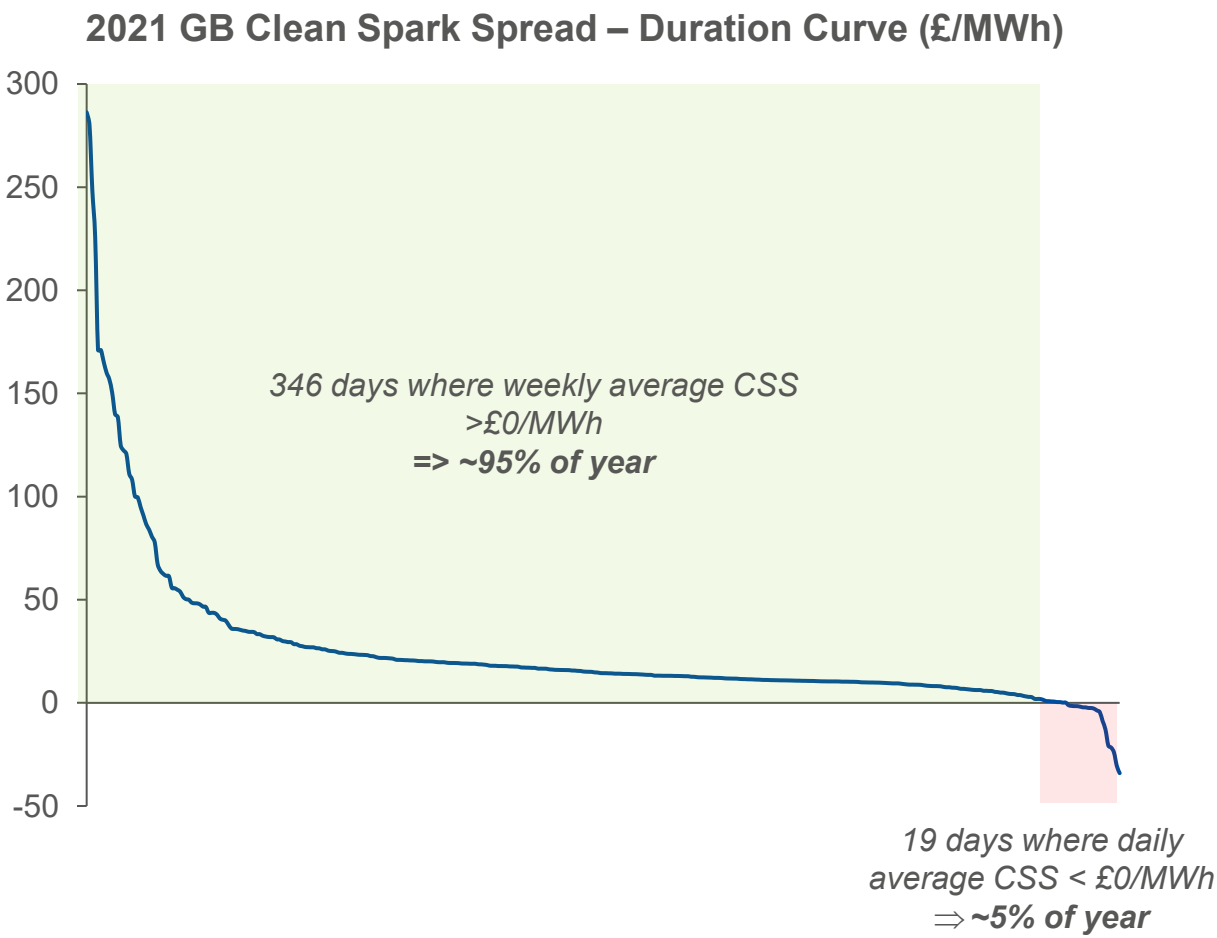
Over a quarter of GB electricity is produced from gas, falling from around 1/3 in 2020 due to steady growth in renewables



Wholesale gas and power prices exhibit strong correlation as gas plants are the marginal technology in the GB merit order



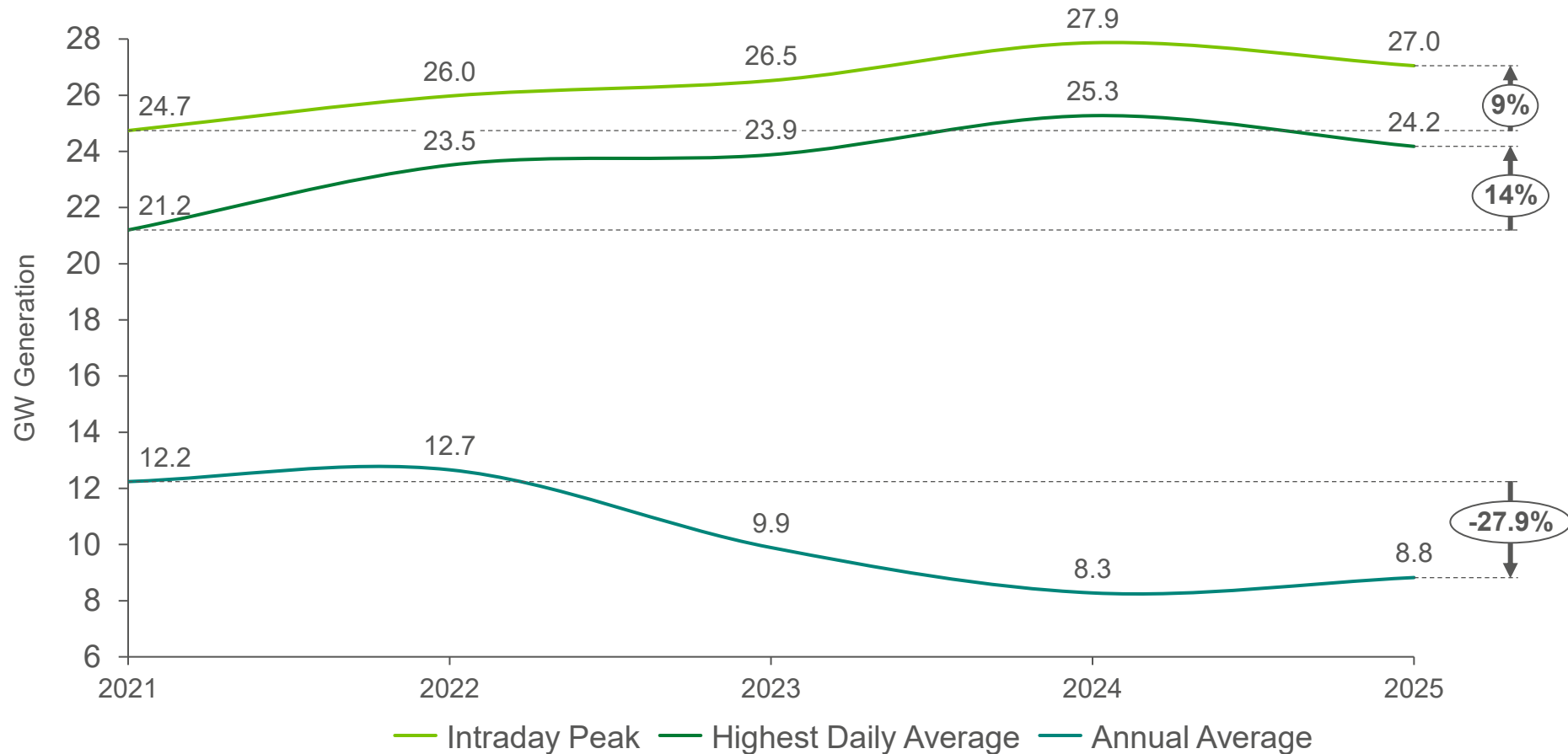
2025 duration curve for GB Clean Spark Spreads show more days when average gas plants are “out of the money”



Source: Argus, Elexon, *CSS = DA Power Price – SRMC of Gas Plant assuming 55% average gas plant efficiency. *Clean Spark Spread = Profit Margin of Typical Gas Plant. Gas plants are very unlikely to be price setting if the CSS is below 0. Assumption: This is based on a Mark-to-Market approach and does not factor in any wholesale price hedging by plant operators.

Gas' role in the GB power sector is shifting from “volume to value”, as higher RES penetration increases need for back up

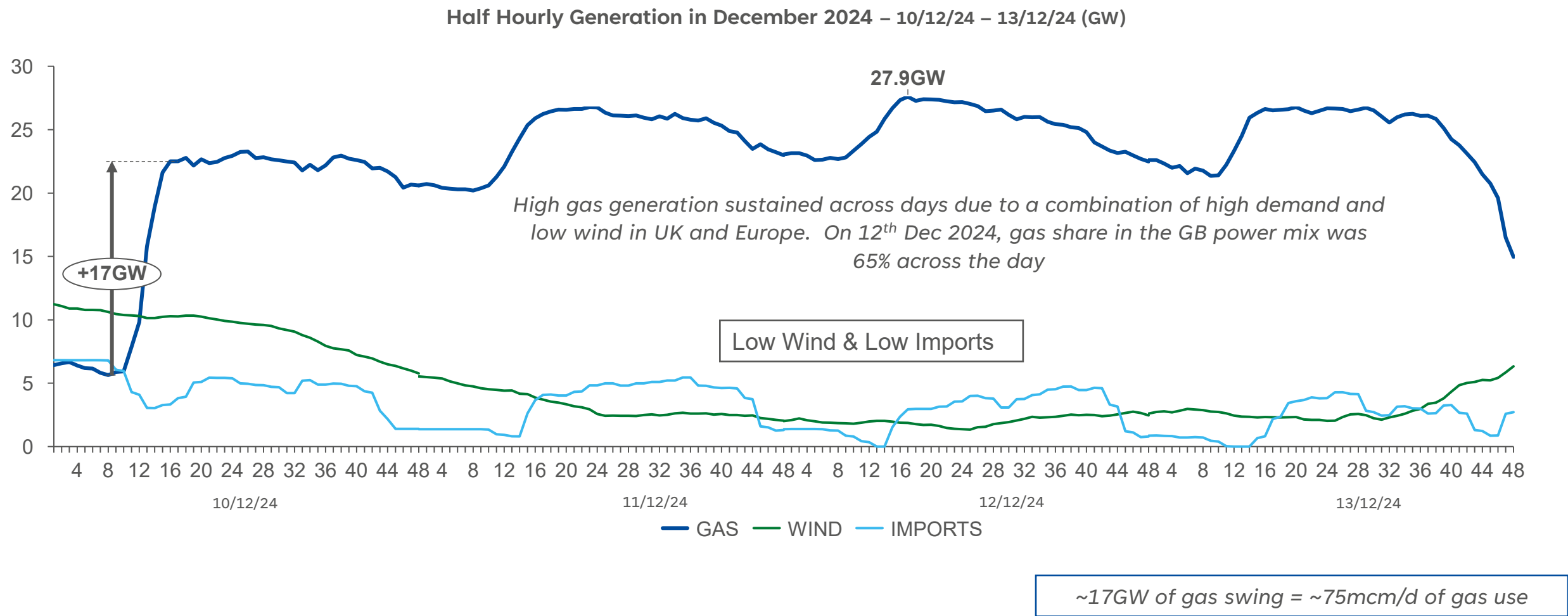
GB Gas Generation (GW)



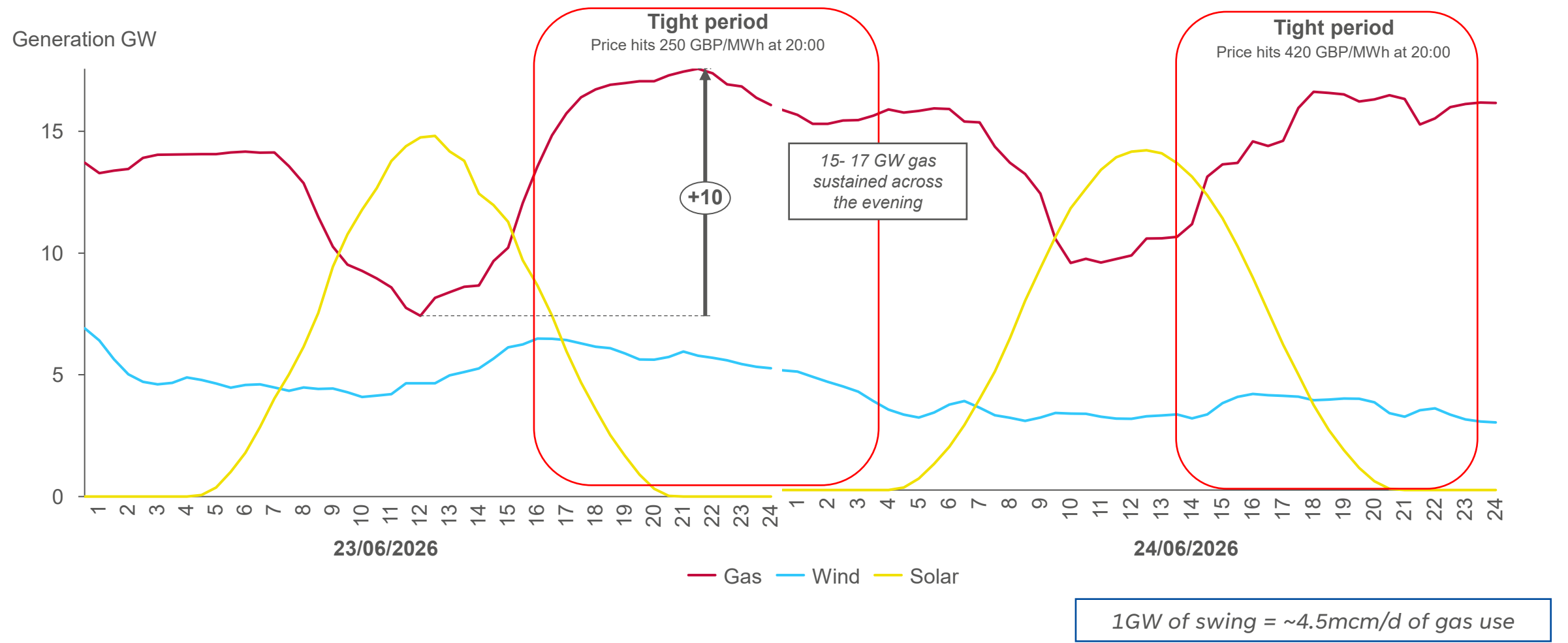
The highest recorded daily average and intraday peaks have risen in recent years.

The average gas power generation on an average day in a year has decreased.

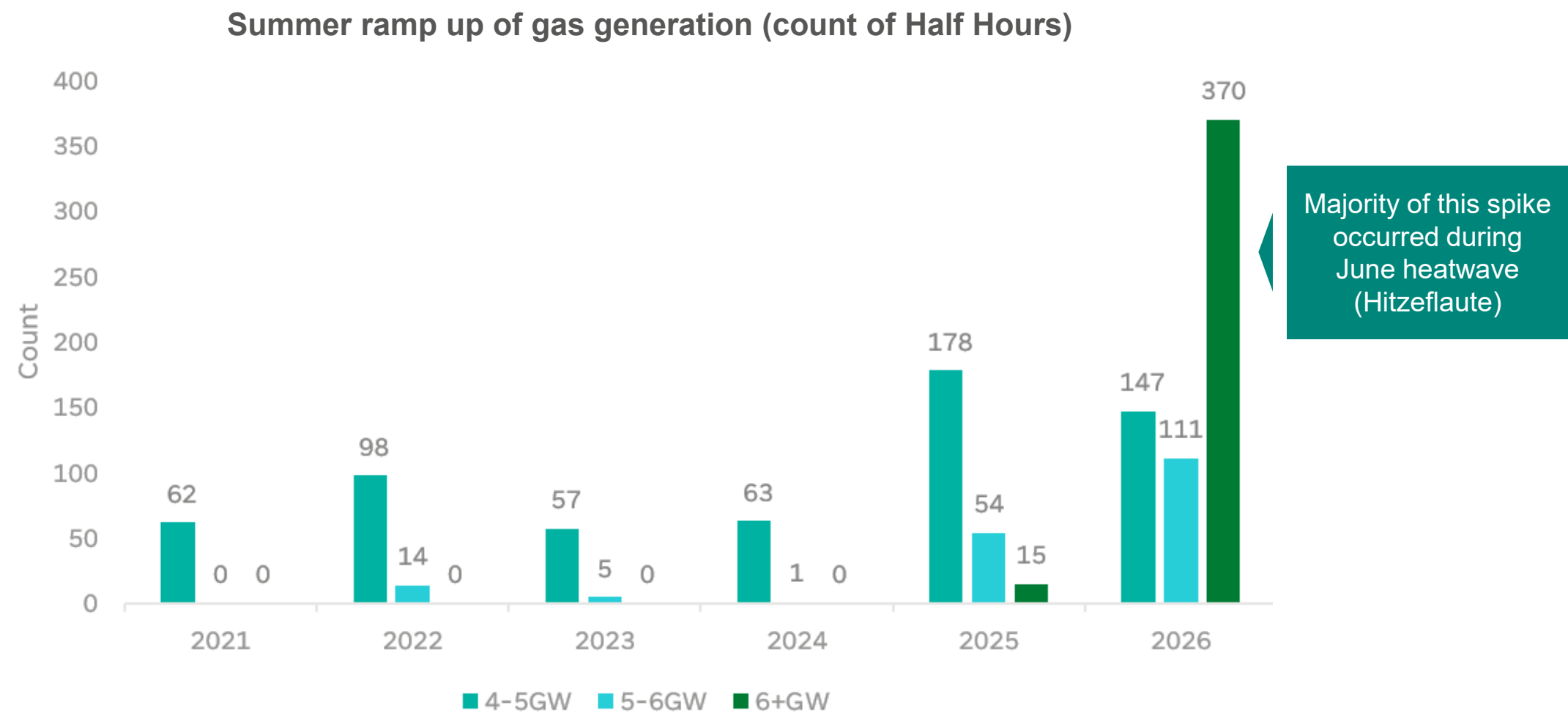
Gas' peaking role was highlighted in Dec 24 as a “Dunkelflaute” event required high gas generation over several days



June 2026 heatwave driven “Hitzeflaute” event also highlights gas’ critical summer role, in covering the evening “solar cliff”



Gas generation is seeing more frequent and higher capacity ramp ups as the GB power system intermittency increases





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Peter Crook

Hydrogen Operability Manager



Project Union: East Coast

Connecting major industrial areas across the east coast of England

Repurposed pipelines and new build sections

Anchor a national hydrogen supply chain

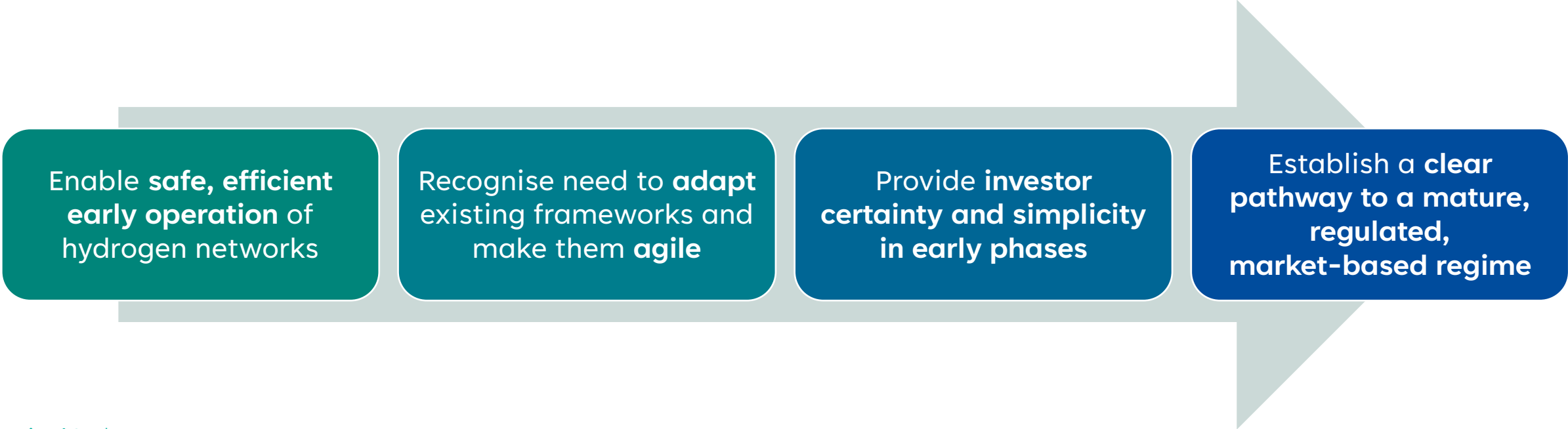
lead the transition to cleaner energy, helping industries switch from natural gas to low-carbon hydrogen



Market Frameworks Report

The report builds on the work we presented through the Hydrogen Gas Market Plan (GMaP) and sets out NGT's proposed **market framework for operating an initial hydrogen network**, using Project Union: East Coast as a case study. It supports the UK's transition to net zero by enabling **hydrogen hubs in Teesside and Humber** and establishing the foundations for a future **GB-wide hydrogen backbone**.

The framework is designed to:



Enable **safe, efficient early operation** of hydrogen networks

Recognise need to **adapt** existing frameworks and make them **agile**

Provide **investor certainty and simplicity** in early phases

Establish a **clear pathway to a mature, regulated, market-based regime**

Scope

The report defines a holistic framework covering



Access & Capacity



Charging & Revenue Recovery



Balancing & System Operation



Connections & Market Entry



Network Resilience & Storage



Transition from early (“Day-One”) to a maturing market (“Day-Two”)

A phased approach

Day-One post ~2033

- Simple, controlled, Hydrogen Business Model-supported environment with a minimum viable **Hydrogen Network Code**

Day-Two post ~2049

- Transition to a competitive, market-driven system governed by **Licence Obligations** and a full **Hydrogen Uniform Network Code (HUNC)**

Access & Capacity (Con Max)

Replace traditional capacity markets with **Contractual Maximum Volumetric Flow (Con Max)**

Con Max reflects each site's **physical, technical and network capability**

No auctions or trading initially; “ticket-to-ride” provided by Hydrogen Business Models

Provides **predictability now** while remaining **compatible with future** capacity markets



Charging Framework

“Postage Stamp” pricing model

Maintain licence and revenue split

TO Charges based on Con Max
SO Charges flow-based

Neutrality

Same rate regardless of location

Transmission Owner (TO)
costs (infrastructure)

System Operator (SO)
costs (operations)

Price caps
(to support competitiveness)

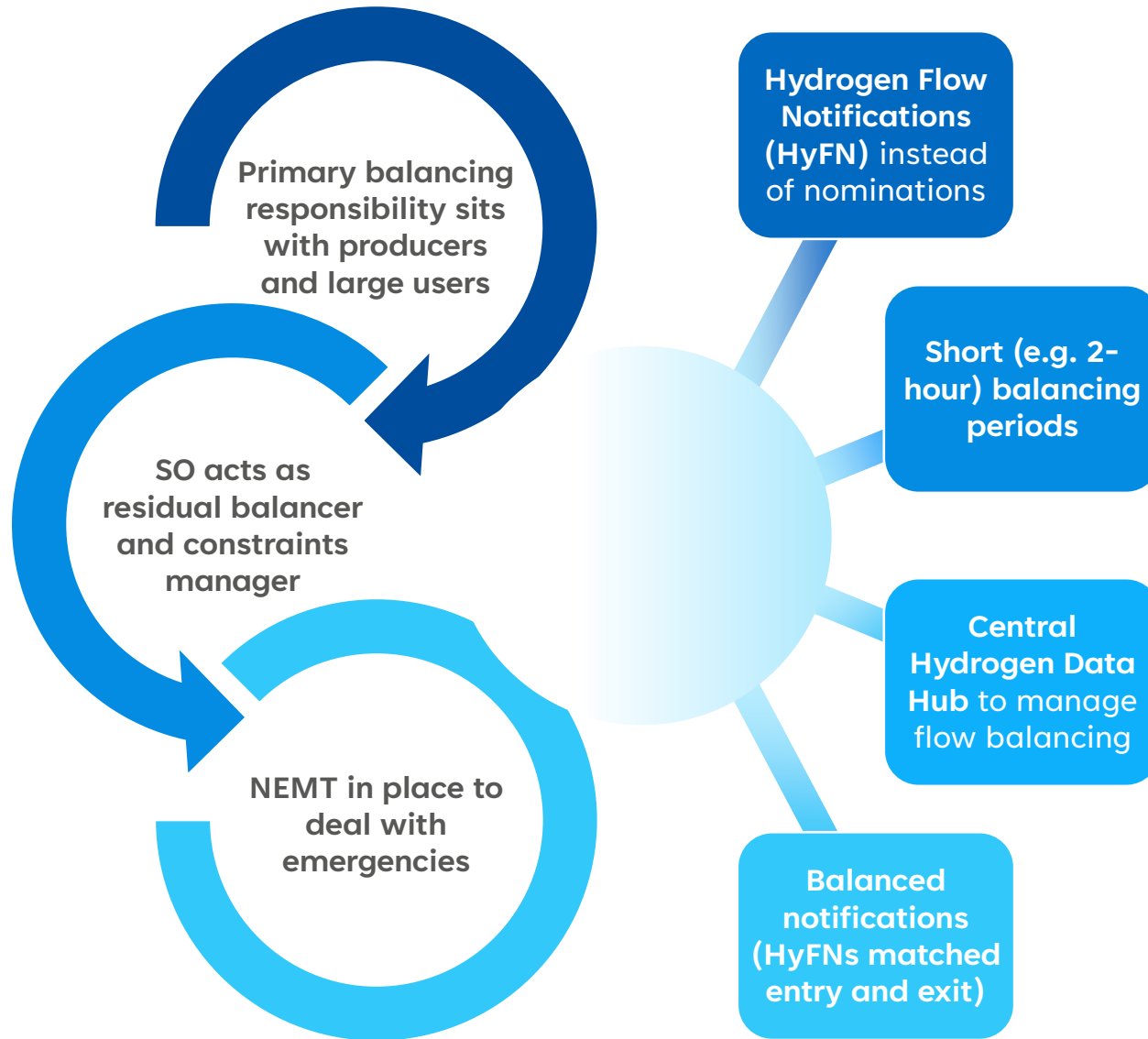
Government Revenue Support (RSA) to cover any shortfall

Storage discounts to incentivise flexibility

Shared Neutrality Charges
(Shrinkage and residual balancing)

Targeted Neutrality charges
(constraint avoidance, notification accuracy)

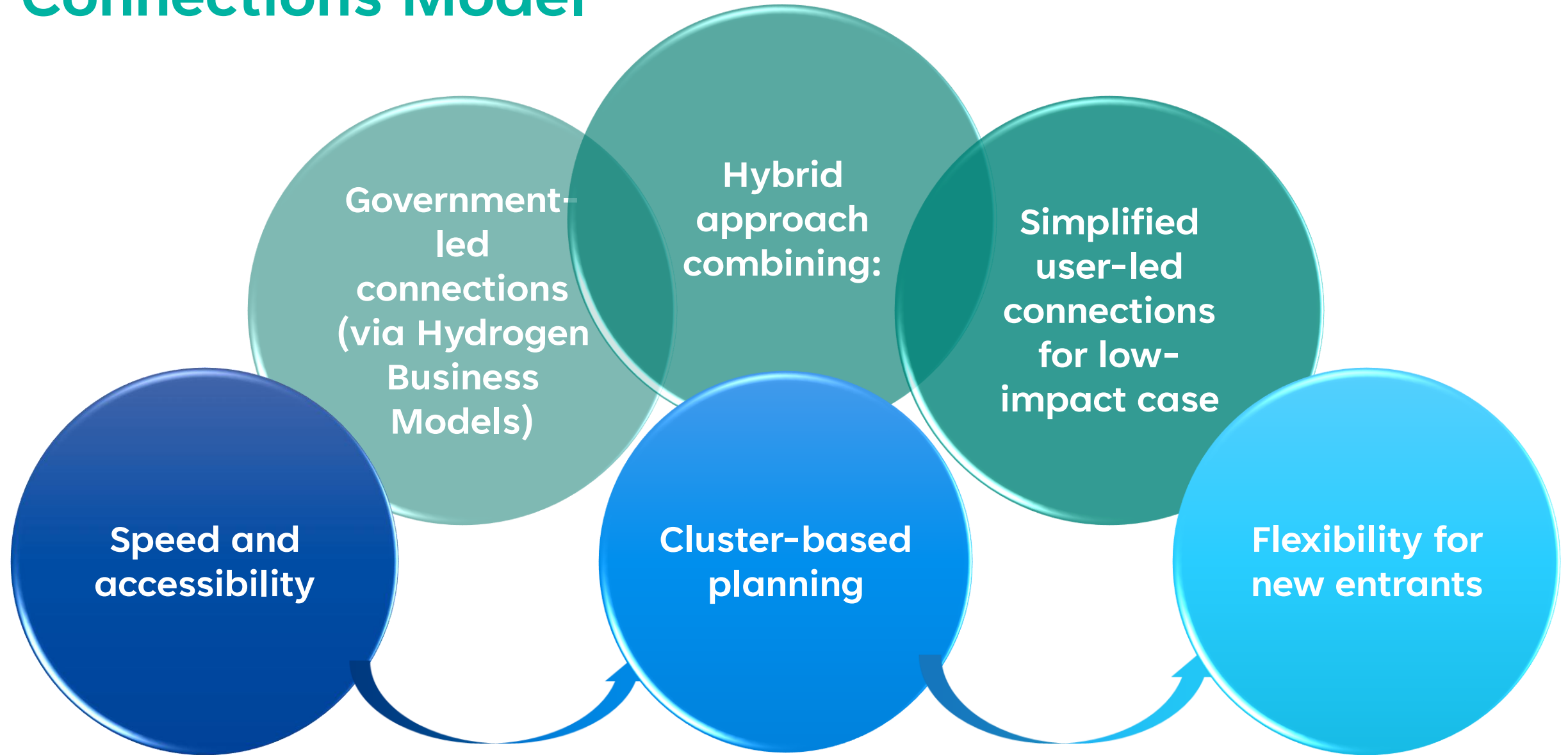
Balancing & System Operation



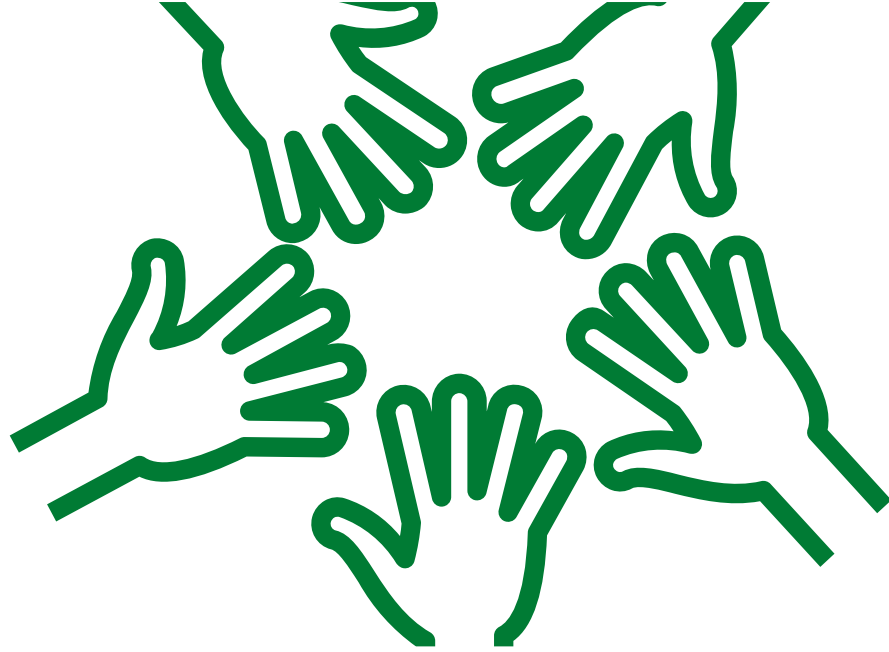
Focus shifts from end-of-day correction to **proactive, within-day discipline**

Likely no **Day-One imbalance cash-out market (SMP Buy/Sell)**

Connections Model



Next Steps



We'll continue to work closely with the wider industry to further test and develop these points



The report will be published on our website following internal review

nationalgas.com/future-energy/market-development



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Charlotte Gillan

Senior Operational Liaison Officer





General Updates



Gas Data Portal **Join our community**

The Gas Data Portal User Community has supported data users for over two years.

As our community grows, you will have more opportunities to influence the future of the Gas Data Portal and our APIs.

Be kept up to date with:

- Updates on Gas Data Portal and our APIs releases
- Invites to our quarterly webinars
- Access to our exclusive newsletters
- High priority data incident updates
- Planned outages and system maintenance

To join our [User Community](#) scan the QR code



**The User
Community is
designed to
keep you
informed,
supported and
connected**

Margins Notice Data Transition

Margins Notices provide early warnings about forecast imbalances approaching operational limits.

Gas Balancing Notifications signal urgent conditions requiring action to restore network imbalance and ensure security of supply.

Currently data is held on the National Gas Website.

By Winter 2026, Margins Notice data will be published only on the National Gas Data Portal to centralise and simplify access.



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Q&A



We value your feedback

Tell Us What You Think About The Online National Gas Energy Forum

Help us make future Forums even better by sharing your thoughts, suggestions, or questions. Your feedback is important to us!



Thank you for joining

We look forward to seeing you
online 10th September 2026 & in
person on 15th October 2026

If you would like to get in touch, please email
Box.OperationalLiaison@nationalgas.com



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