

Gas  
Transmission

# Gas Operational Forum

WebEx

28 January 2021

9.32am

Slido

#GasOps21

nationalgrid



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# Introduction & Agenda



**Joshua Bates**  
Operational Liaison & Business  
Delivery Manager

nationalgrid



# Presenters

## National Grid

Joshua Bates – Operational Liaison and Business Delivery Manager

Craig James – Physical Operations Manager

George Killick – Operational Strategy Engineer

Alison Tann – NTS Capacity Manager

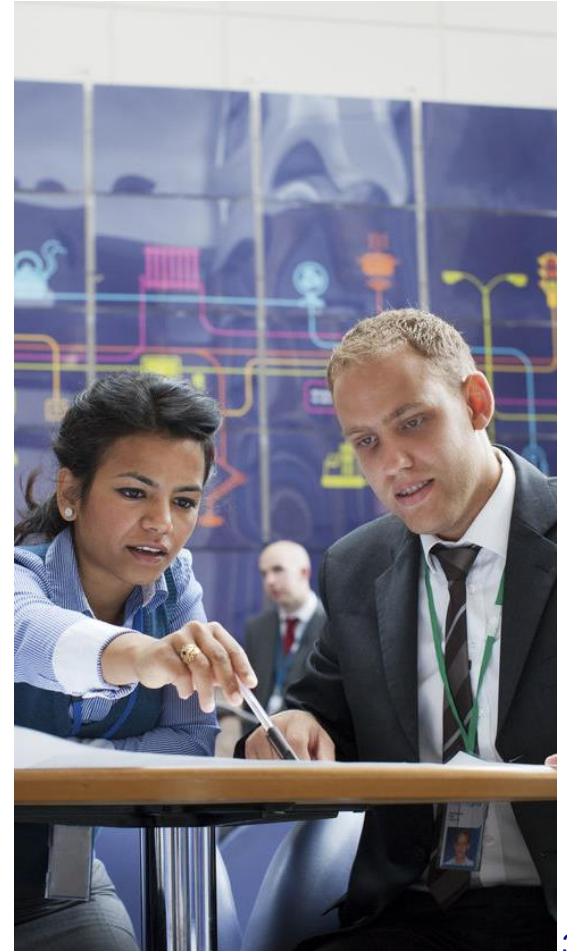
Mark Baker – Principle Capacity Strategy & Development Analyst

Sarah Carrington - Comms & Engagement Lead for Gemini

Tom Wilcock – Safety, Response and Assurance Manager

## BEIS

Myra Fazal - Policy Advisor in Gas Security, Networks and Markets team, BEIS



# Calendar year 2021 Ops forums

*All forums will be held via WebEx until at least June 2021*

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Online	Online	Online	X	Online	Online	X	X	TBC	TBC	TBC	X
28/01	25/02	25/03		20/05	17/06			23/09	21/10	25/11	

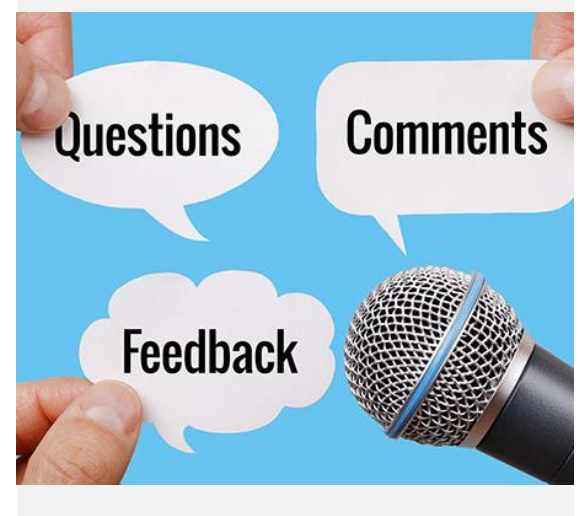
**Registration is open for all  
2021 events at:**

<https://www.nationalgridgas.com/data-and-operations/operational-forum>

# Housekeeping for WebEx Forums

## During our WebEx events;

- Attendees will be automatically muted on dial-in, please ensure your cameras are off too.
- We will break at the end of each section to answer questions, please use the 'raise a hand' function on WebEx and we will un-mute you.
- Alternatively, you can ask any questions via sli.do and we will answer them at the end of each section. The meeting code is #GasOps21.
- For both presenters and any verbal comments, please state your name and company before speaking.



# Resources Available to you

## Gas Ops Forums

Throughout the year, we hold regular Operational forum meetings. This forum aims to provide visibility and awareness for our customers and stakeholders to help understand and discuss the operation and performance of the National Transmission System (NTS). We also proactively invite any suggestions for operational topics that would promote discussion and awareness.

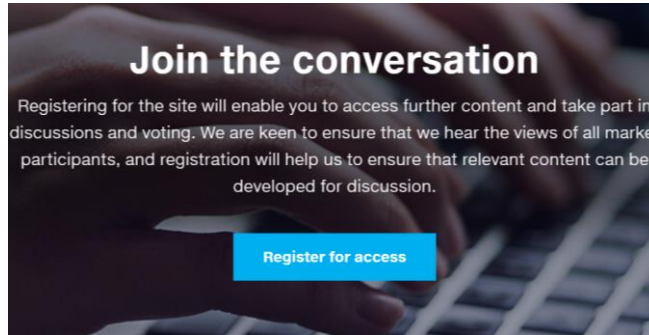
Registration is open for all 2021 events at:

<https://www.nationalgridgas.com/data-and-operations/operational-forum>

Gas Distribution List

<https://subscribers.nationalgrid.co.uk/h/d/4A93B2F6FAF273DE>

National Grid



**Join the conversation**

Registering for the site will enable you to access further content and take part in discussions and voting. We are keen to ensure that we hear the views of all market participants, and registration will help us to ensure that relevant content can be developed for discussion.

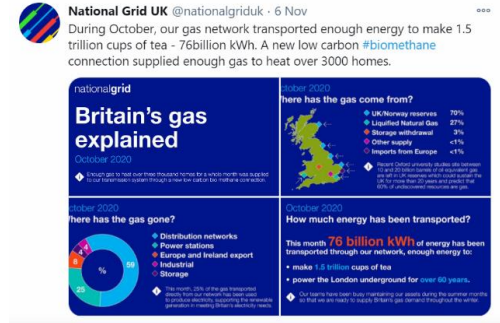
[Register for access](#)

For updates and interaction with National Grid please visit;

<https://datacommunity.nationalgridgas.com/>

For the National Grid Gas Website, please visit;

<https://www.nationalgridgas.com/about-us>



**National Grid UK** @nationalgriduk · 6 Nov

During October, our gas network transported enough energy to make 1.5 trillion cups of tea - 76billion kWh. A new low carbon #biomethane connection supplied enough gas to heat over 3000 homes.

**Britain's gas explained**

October 2020

- UK/Norway reserves 70%
- Liquefied Natural Gas 27%
- Storage withdrawal 3%
- Other supply <1%
- Imports from Europe <1%

October 2020

How much energy has been transported?

This month **76 billion kWh** of energy has been transported through our network, enough energy to:

- make 1.5 trillion cups of tea
- power the London underground for over 60 years.

For the monthly Gas Explained information please visit;  
<https://twitter.com/nationalgriduk>

Or follow our personal accounts on LinkedIn

# How to contact us

## Operational Liaison Team

Joshua Bates: [Joshua.Bates@nationalgrid.com](mailto:Joshua.Bates@nationalgrid.com)

Martin Cahill: [Martin.Cahill@nationalgrid.com](mailto:Martin.Cahill@nationalgrid.com)

Operational Liaison Email:  
[Box.OperationalLiaison@nationalgrid.com](mailto:Box.OperationalLiaison@nationalgrid.com)

For updates and interaction with National Grid please visit;  
<https://datacommunity.nationalgridgas.com/>

For the National Grid Gas Website, please visit;  
<https://www.nationalgridgas.com/about-us>

**National Grid** Join at [slido.com](https://www.slido.com) #GasOps21



# Agenda for Today

- 
- 01 Welcome and Introduction

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  - 02 Operational Overview

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  - 03 Interesting Days

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  - 04 Interruptible Entry Capacity (An explanation of what we release and why)

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  - 05 Bacton IP Firm Capacity

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  - 06 Incorrect capacity bid submission – system changes

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  - 07 Gemini Change Programme

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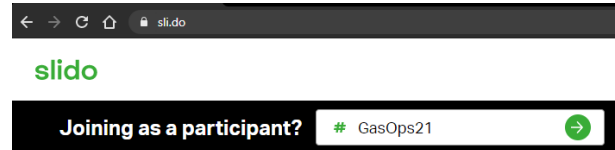
  - 08 Guest Presentation: BEIS - EU/UK Trade Deal

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  - 09 Updates:
    - Operating Margins
    - Data Webinars
    - Emergency Planning Update
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Please ask any questions using slido #GasOps21 or by raising your hand.

These will be covered at the end of each agenda section





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# Operational Overview



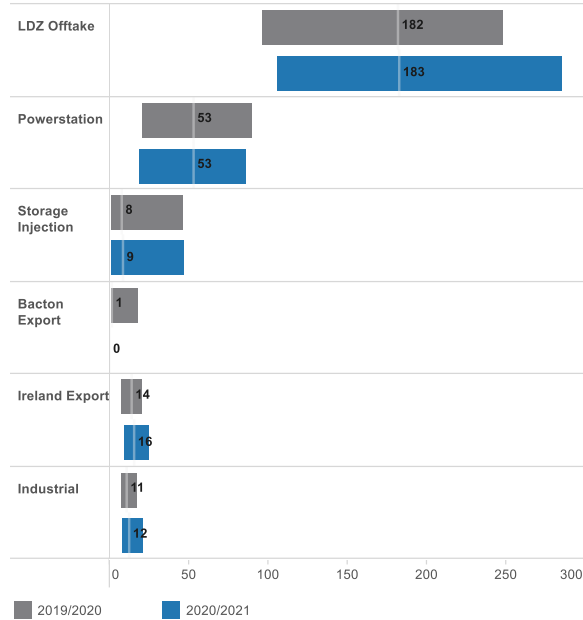
**George Killick**  
Operational Strategy  
Engineer



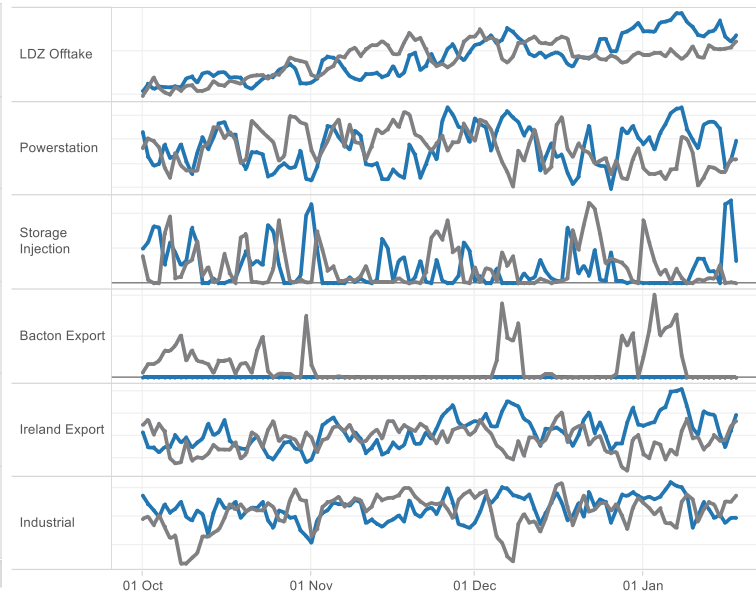
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# NTS Demand

Average Daily Volume and Range (Winter)



Trend Vs Previous Year



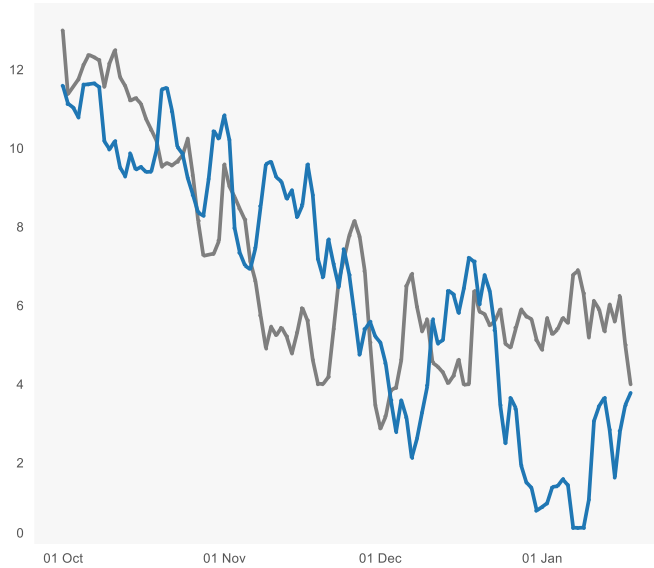
LDZ Average similar to last year, but higher peak demands

No interconnector exports compared to last winter

Ireland Export had higher peak than last year

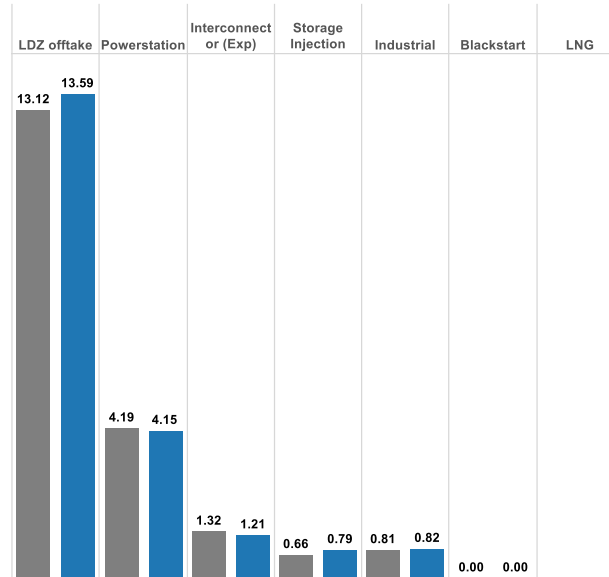
# Demand & CWV

CWV



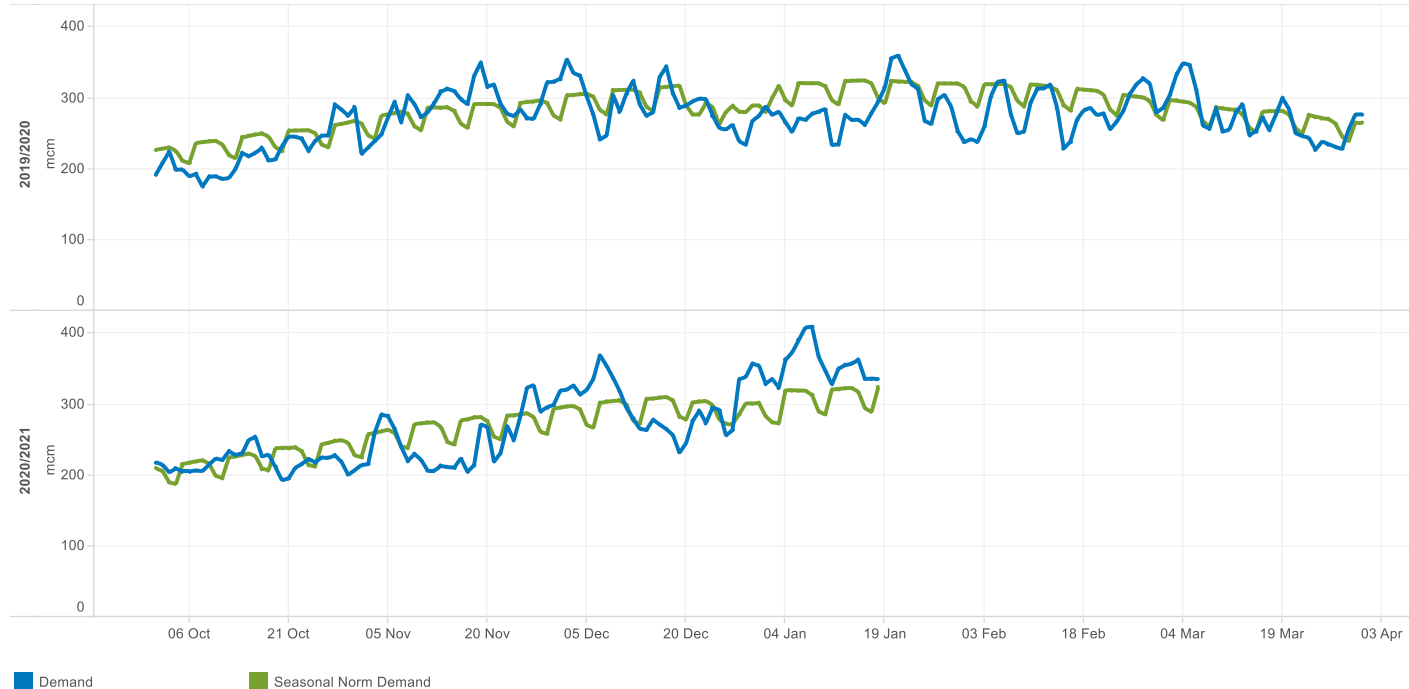
Gas Year ■ 2020/2021 ■ 2019/2020

Demand (BCM, Winter)



Late December and early January saw a significantly lower CWV than last winter.

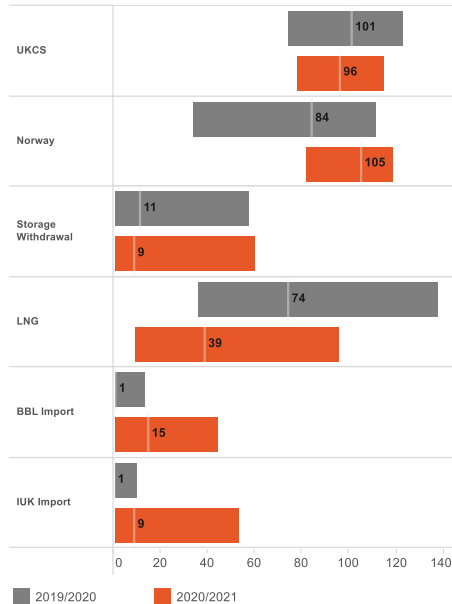
# Demand – Comparison to Seasonal Norm



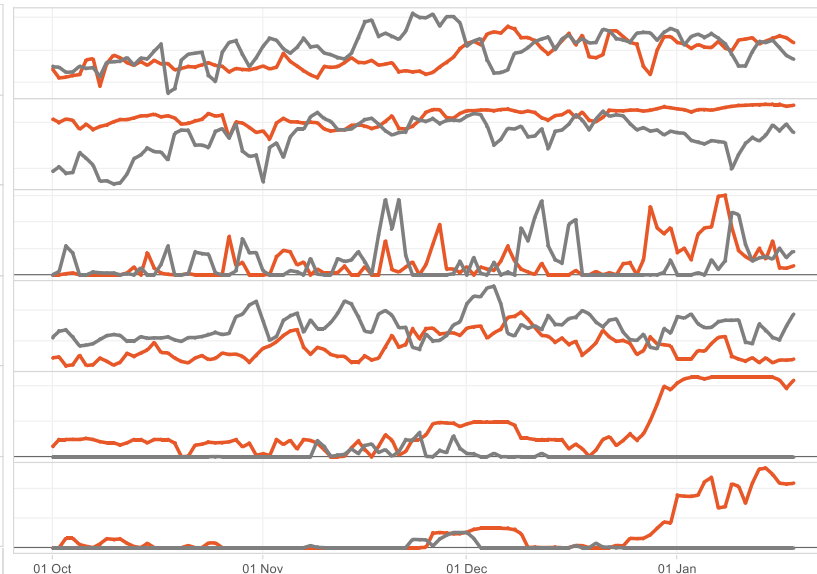
January's demand this winter has been notably above seasonal norm

# NTS Supply

Average Daily Volume and Range (Winter)



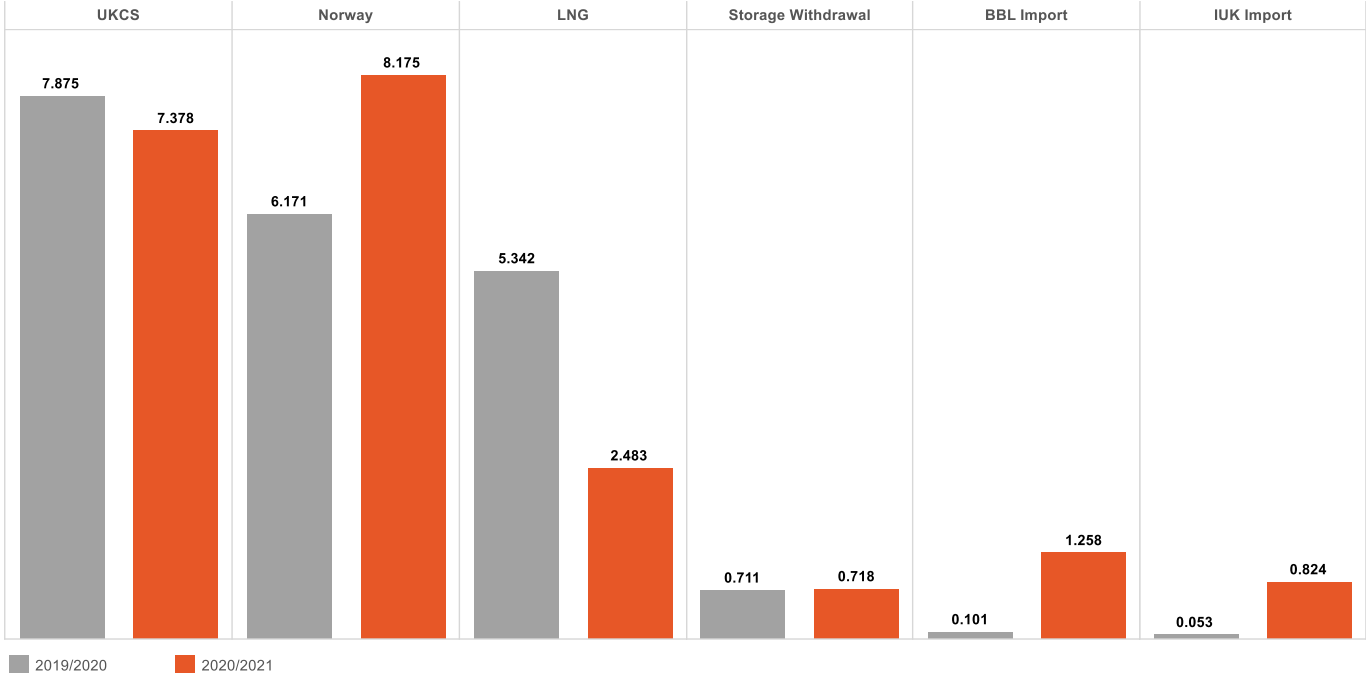
Trend Vs Previous Year



Interconnector imports have ramped up significantly, reacting to colder temperatures and reduced LNG imports

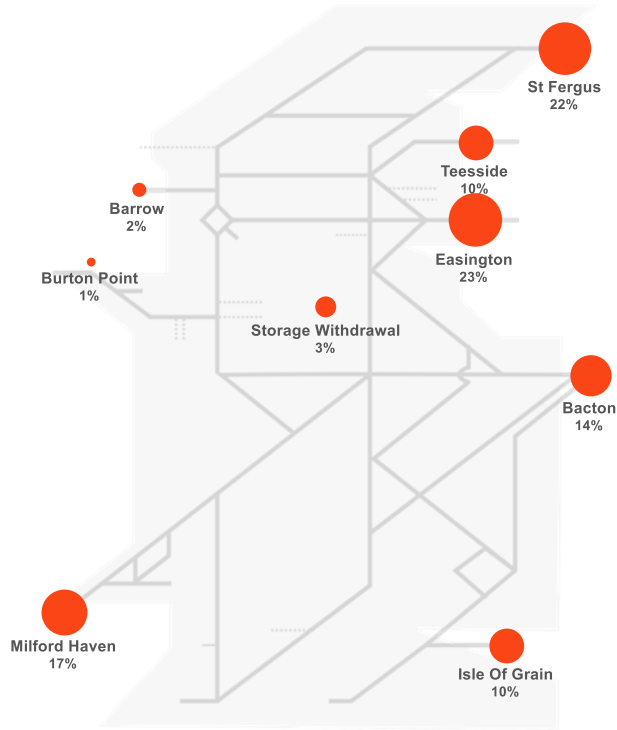
# Supply – Yearly Comparison

Supply (BCM, Winter)

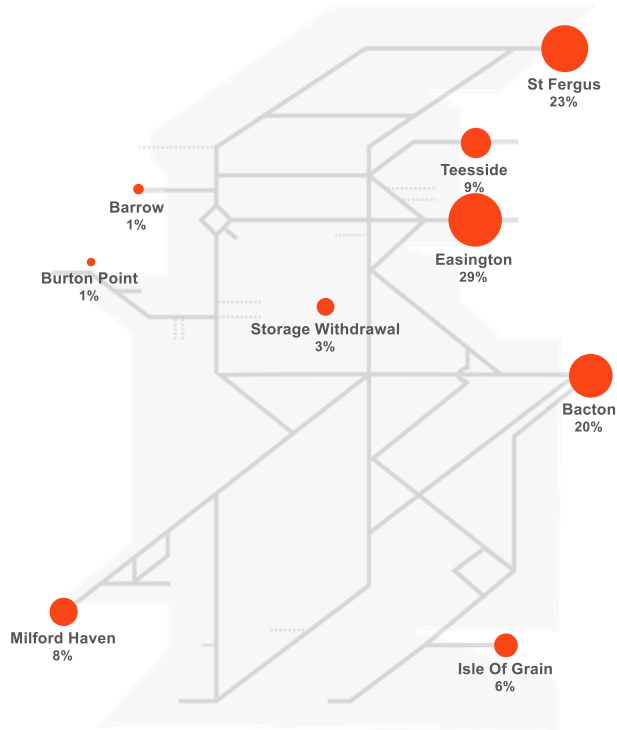


# Supply Map

2019/2020 Percentage of total supply (Winter)

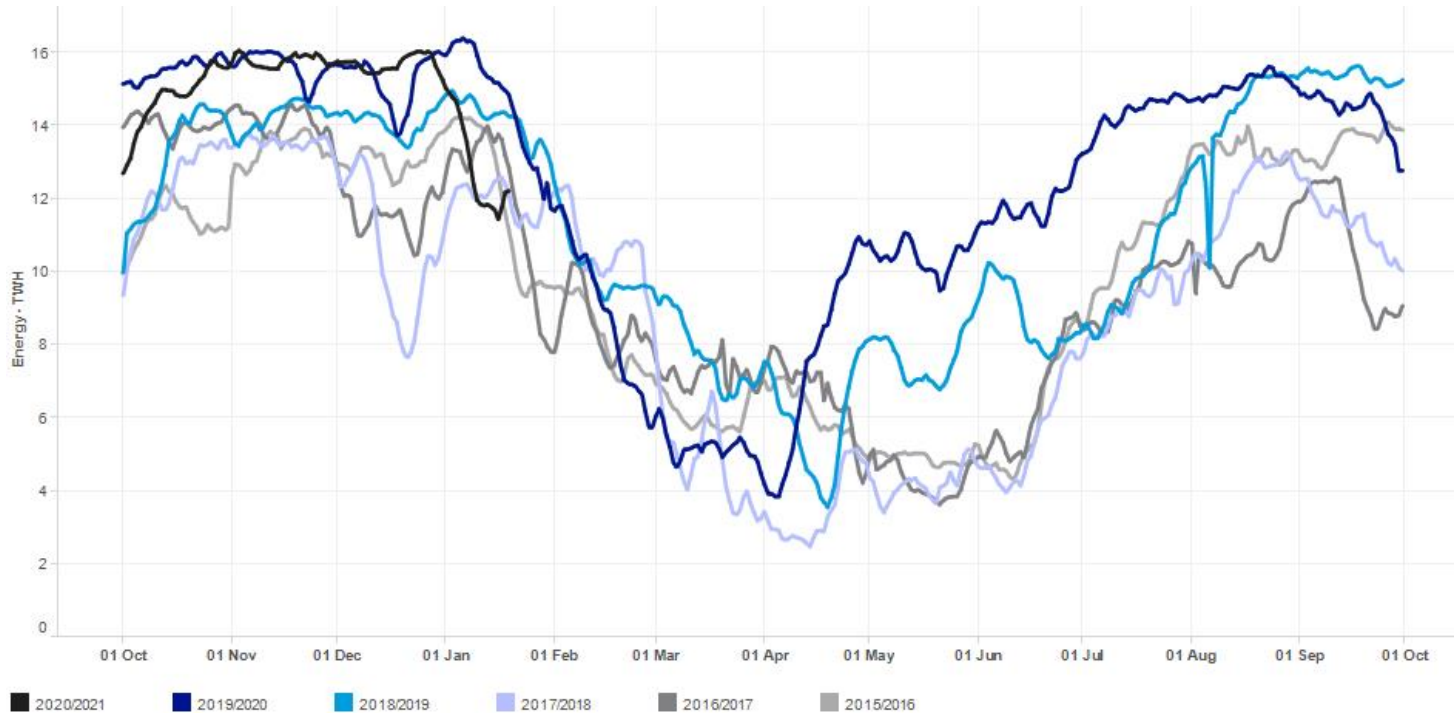


2020/2021 Percentage of total supply (Winter)



This winter has seen a 9% reduction of LNG supplies compared to last winter

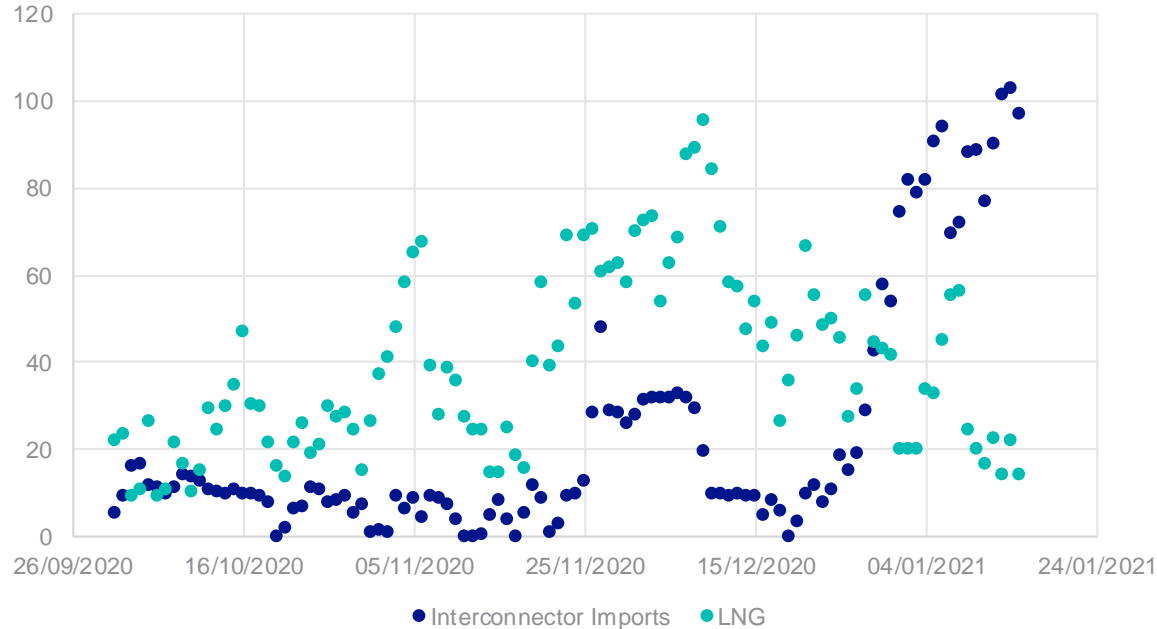
# Storage Stocks



Noticeable drop in storage stocks over the last months, reflecting their higher supplies

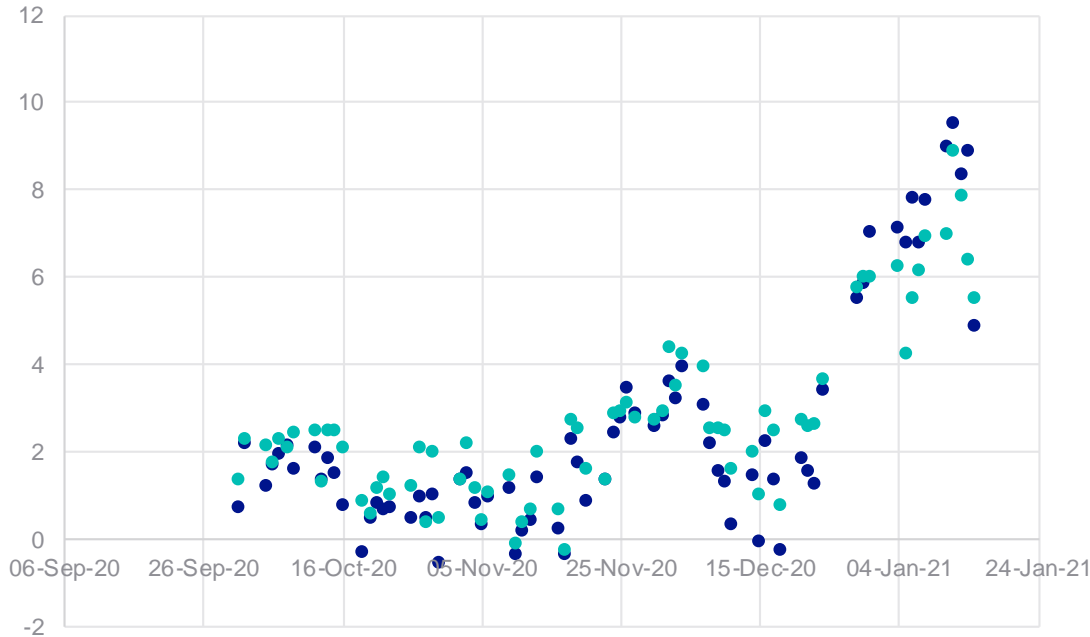


# Focus: Interconnectors v LNG



**Reduction in LNG and higher network demands have increased the financial incentive to import via IUK and BBL**

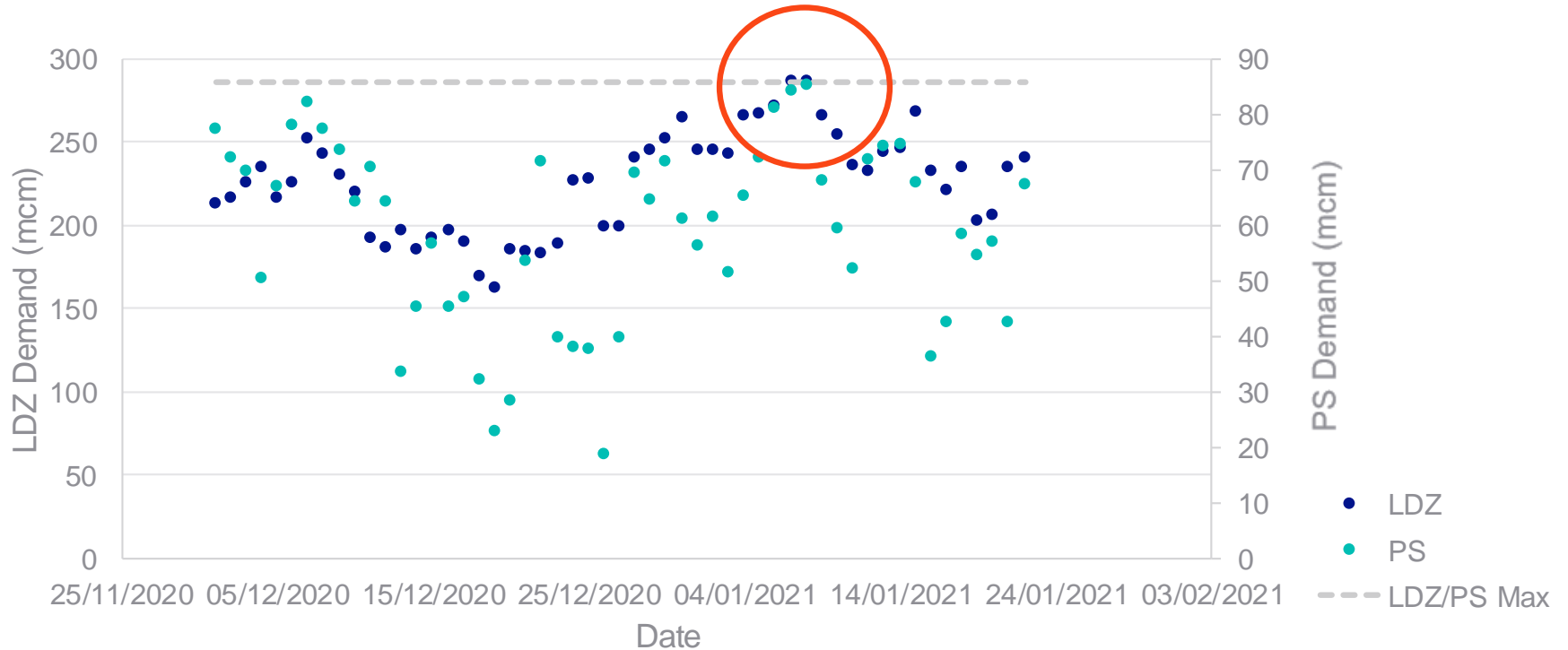
# Price Spreads (TTF and Zeebrugge)



- Natural gas TTF \$/mnBtu day-ahead - London close (midpoint, p/th)
- Natural gas Zeebrugge p/th day-ahead - London close (midpoint, p/th)

**Price spread to European markets has picked up significantly in recent months**

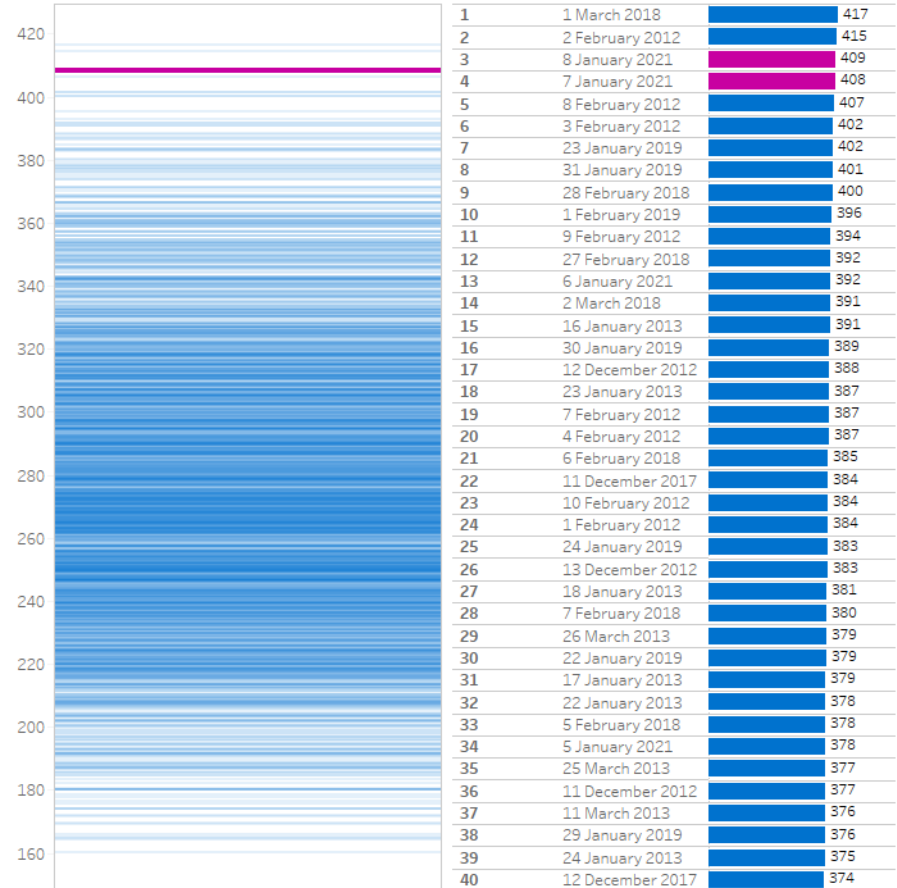
# LDZ & PS Demand during December & January



# Winter Demand

At 408 and 409mcm, the highest demand days this year are also two of the highest we have seen since 2011

## Since Gas Year 2011/12



# Margin's Notice

## The Margin's Notice (MN) number is composed of the following components:

1. Non Storage Supplies (NSS) Number (Interconnector + UKCS + Norway)
2. Expected Cold Weather Capability (CWC) – daily supply on to the NTS by each LNG Site
3. Storage – stock position

## Changes for 2020/21

- NSS - an overall decrease of 7.
- Safety Monitors positions for Space and Deliverability set to zero.
- Margins Notice number has increased to between 500-523 for most days, mainly due to the LNG cold weather capability (CWC) increasing. The methodology looks at the actual flow for winter periods from the last three gas years (17/18 to 19/20) and uses the 95th percentile (pre-defined number in the methodology) of the LNG flows.

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## Interesting Days



**Craig James**  
Physical Operations Manager

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# Interesting Days

7 & 8 January 2021

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# 7<sup>th</sup>/8<sup>th</sup> January 2021

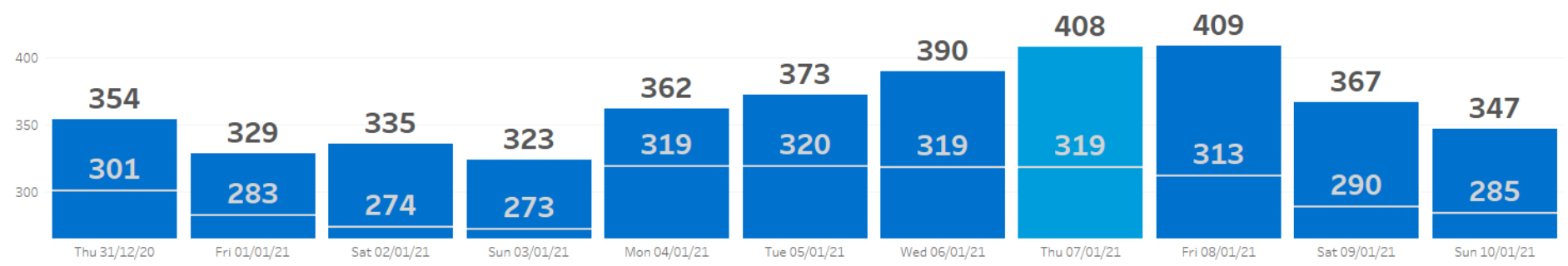
## What was unusual about this gas day?

- **At 408 and 409mcm, these were two of the highest demand days we have seen since 2011**
- **High proportion of NTS supply being provided at Bacton, with interconnectors both at high flow**

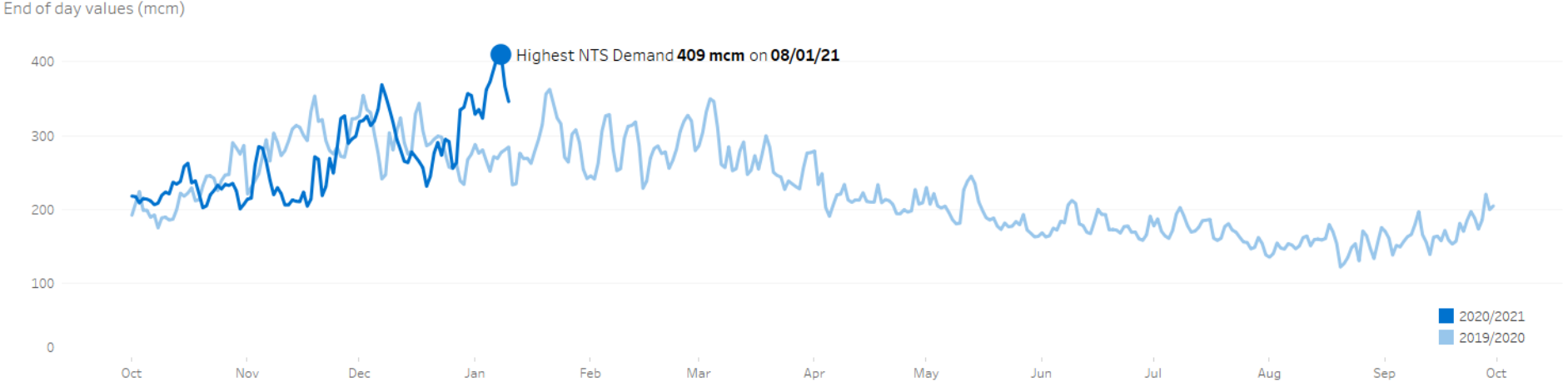


**NTS Demand**  
End of day values (mcm)

■ Seasonal Normal Demand



**NTS Demand vs previous year**  
End of day values (mcm)

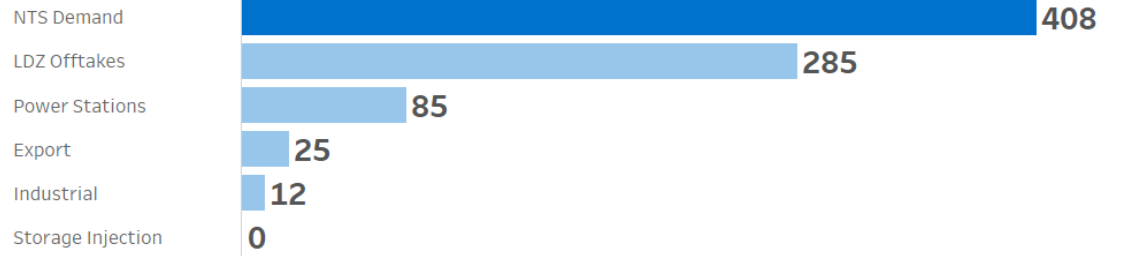


■ 2020/2021  
■ 2019/2020

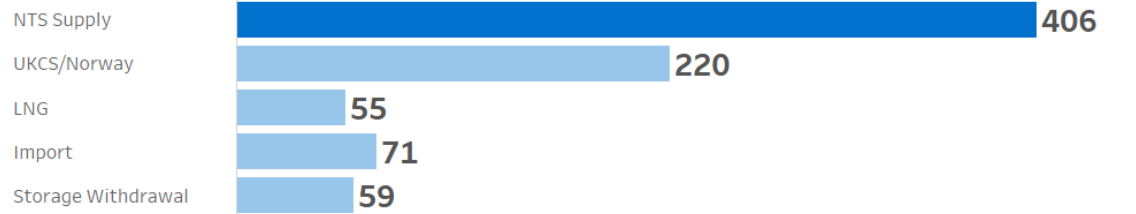
# 7 January Summary

## NTS Demand 408 mcm

### Demand (mcm)



### Supply (mcm)



**Linepack Change**

**-2.0 mcm**

Closing Linepack 365.3 mcm

**Linepack Swing**

**28.05 mcm**

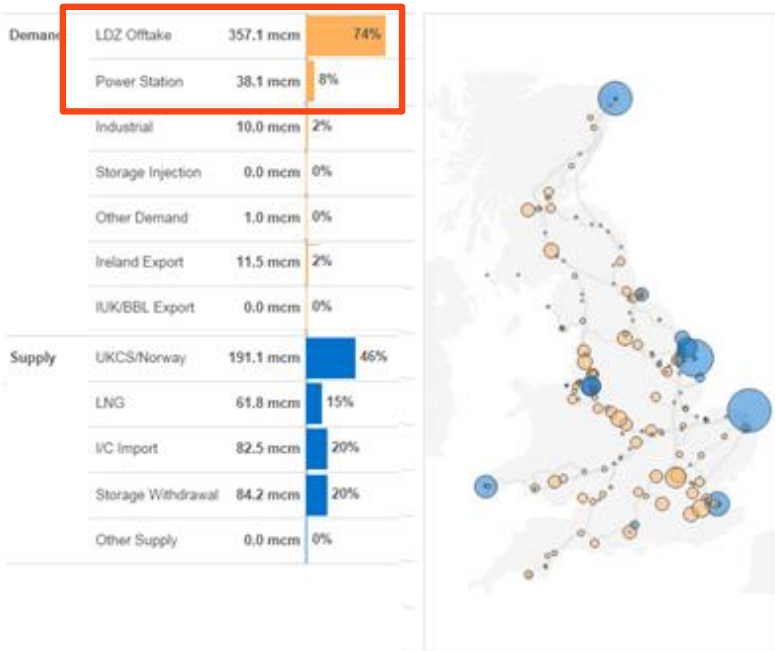
**Bought**

**£335,328**

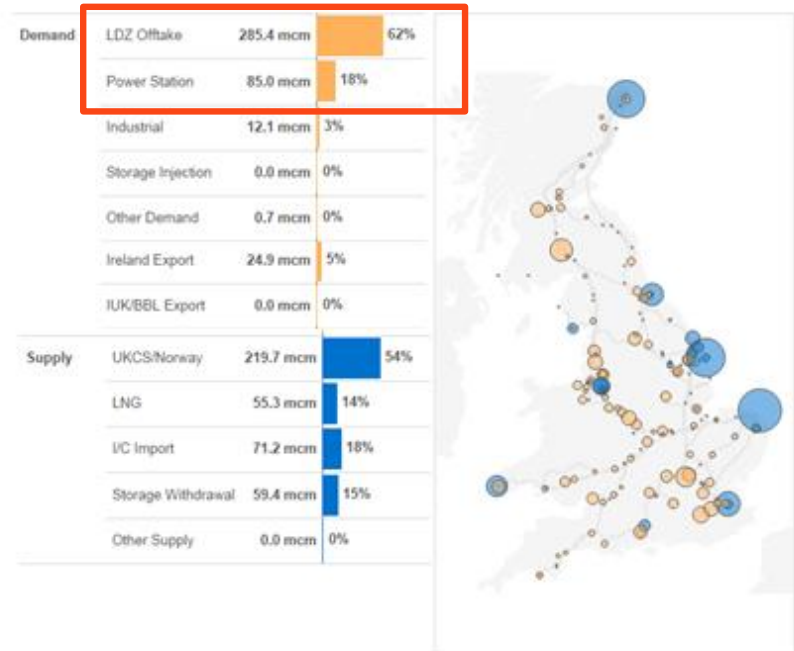
Average price of 60 pence per therm

# Supply + Demand Comparison to Beast from the East

1st March 2018  
NTS Demand  
418 mcm



7th January 2021  
NTS Demand  
408 mcm



# 7 January Intra Day Linepack

Opening Linepack

**367.2 mcm**

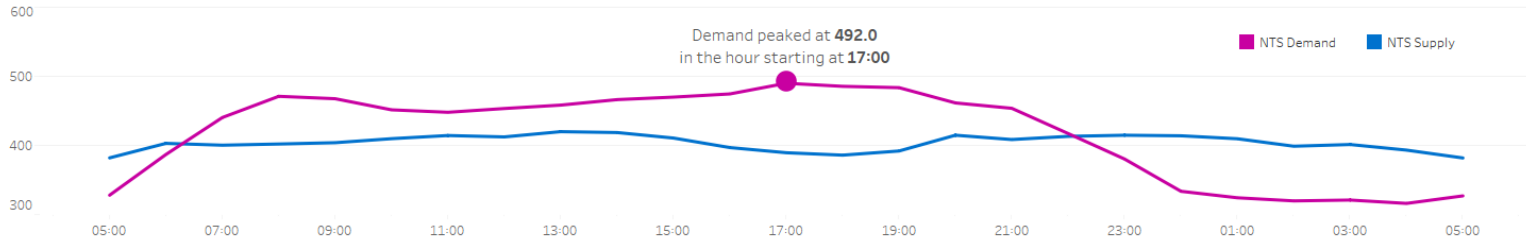
Linepack Change

**-2.0 mcm**

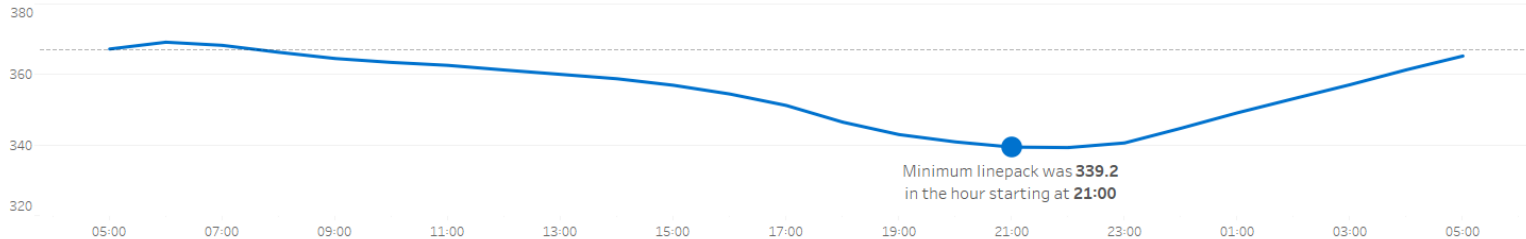
Linepack Swing

**28.0 mcm**

Supply and Demand (mcm/d)



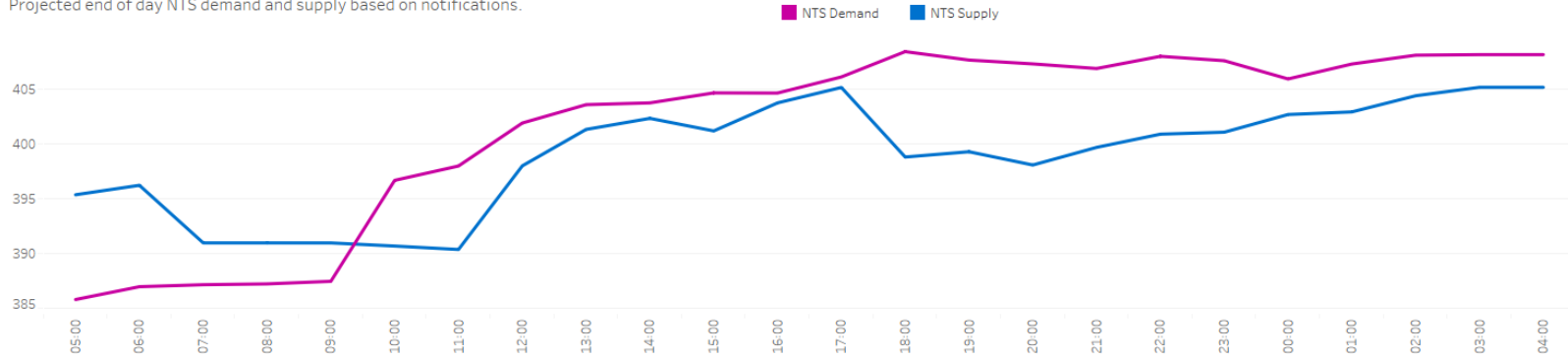
Linepack (mcm)



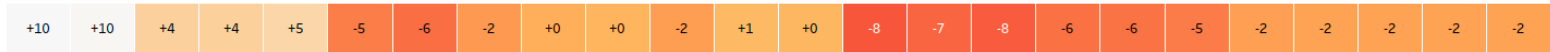
# 7 January End of Day Balance (Projected)

## Projected end of day demand and supply (mcm)

Projected end of day NTS demand and supply based on notifications.

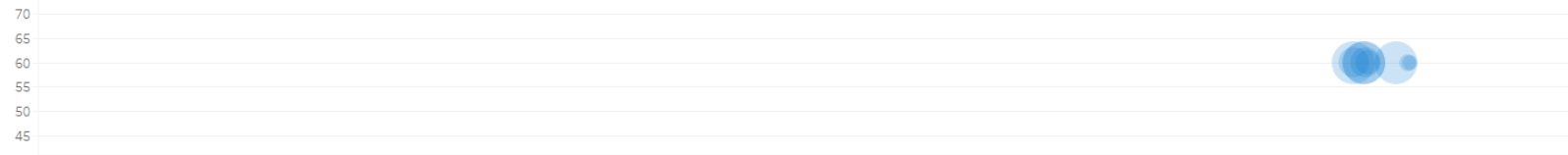


## Projected balance (mcm)



## Residual balancing actions

Price in pence per therm. Size of circle represents value of trade



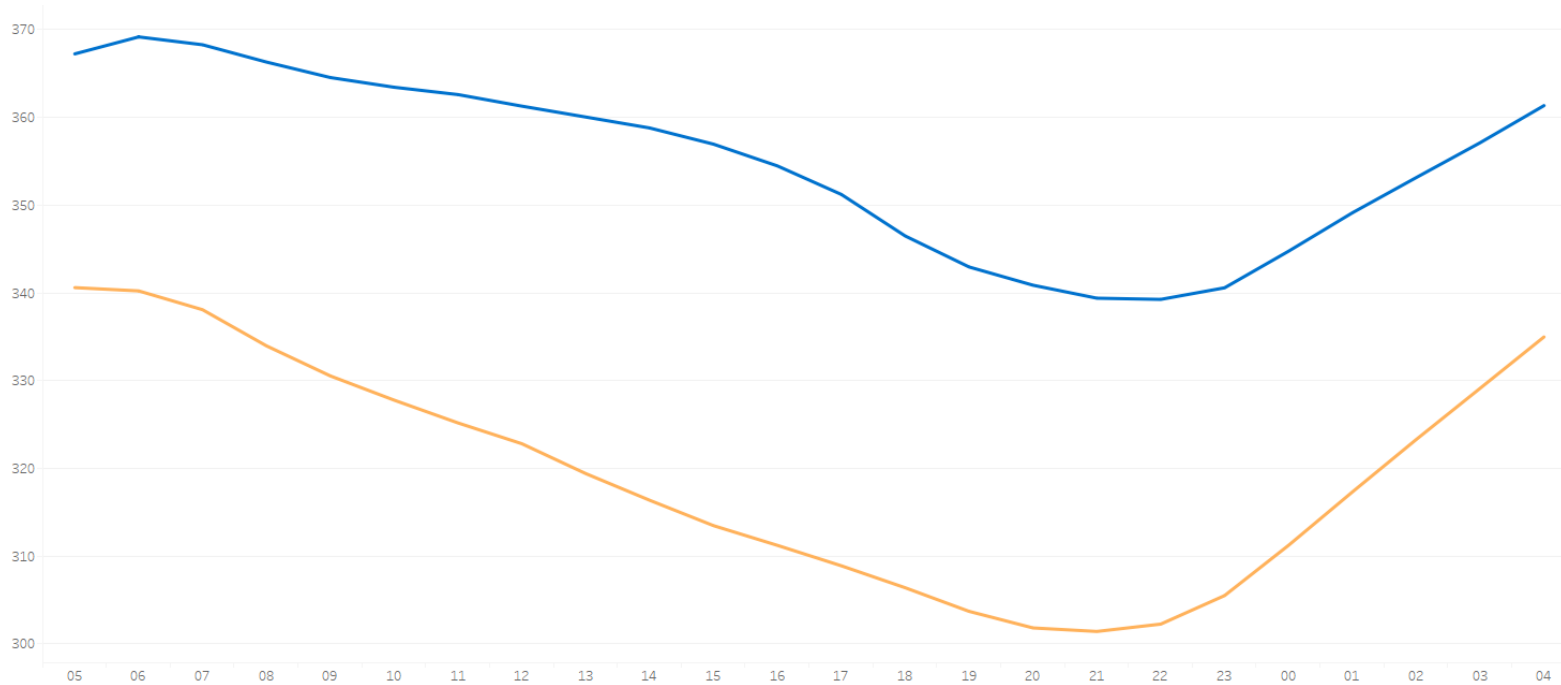
**Bought £335,328**

Average price of 60 pence per therm

# Linepack Comparison to Beast from the East

07/01/2021 compared to 01/03/2018

Linepack (mcm)



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# Interesting Days

28 December 2020

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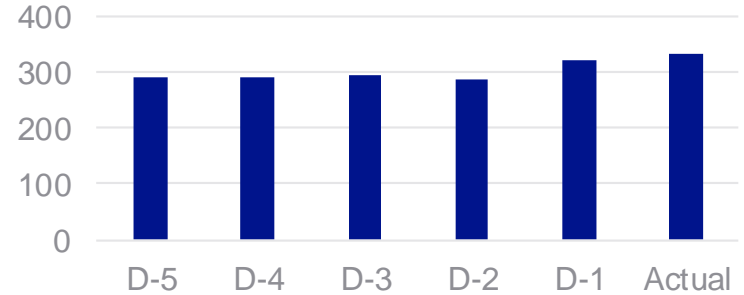
# 28<sup>th</sup> December 2020

## What was unusual about this gas day?

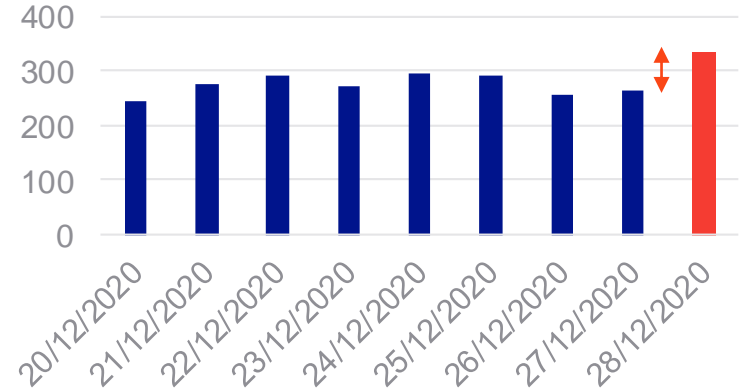
- **Very large supply/demand imbalance at the start of the gas day**
- **Residual Balancing actions taken by National Grid early in the morning**

**There was a large increase in demand compared to the previous of around 60mcm, although this was forecast.**

## Forecasts



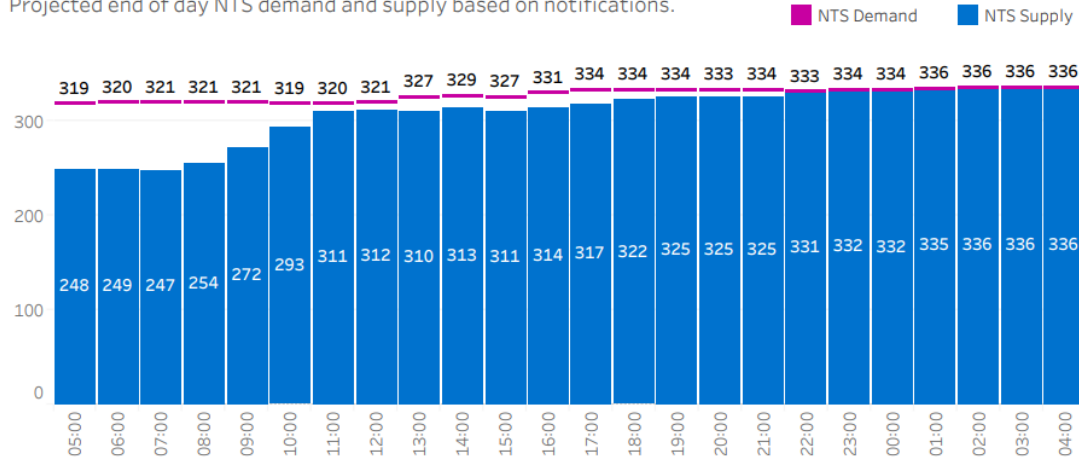
## EOD Demand (mcm)





# Projected end of day demand and supply (mcm)

Projected end of day NTS demand and supply based on notifications.



**Opening Linepack = 372mcm**

**Opening PCLP = -69mcm**

Once SMBP was set, the market reacted with an increase of 46mcm in storage withdrawal, and increases to LNG, Beach and BBL imports

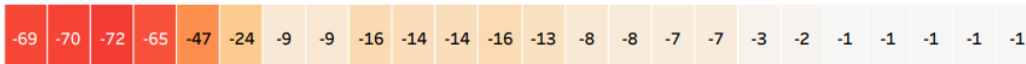
System balance improved from midday, with further CCGT increases countered by more storage increases

## Residual balancing actions

Price in pence per therm. Size of circle represents value of trade



## Projected balance (mcm)



# Within Day View

Opening Linepack

**372.0 mcm**

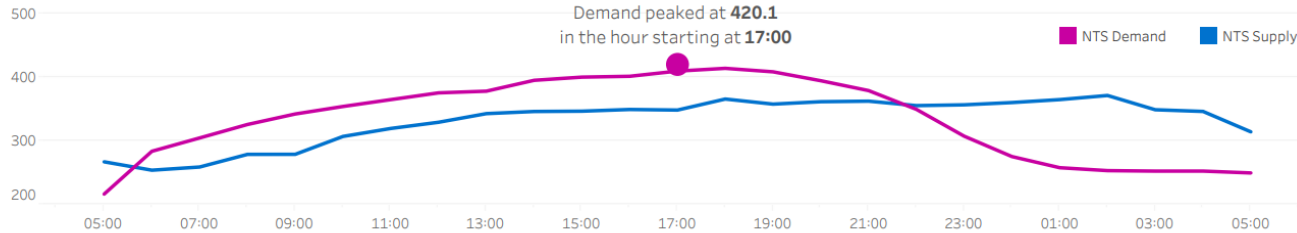
Linepack Change

**-2.0 mcm**

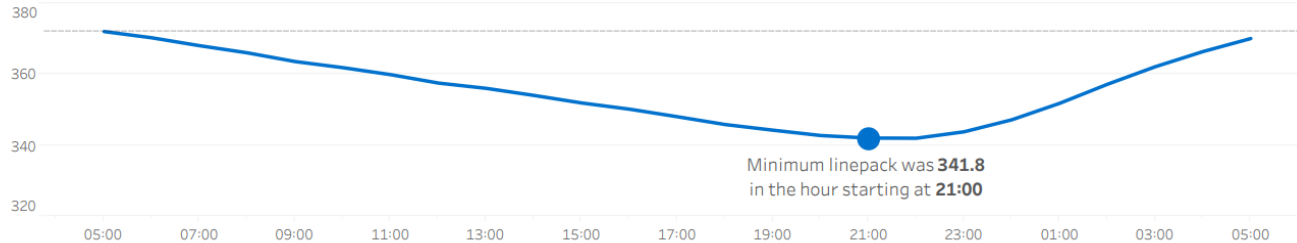
Linepack Swing

**30.2 mcm**

## Supply and Demand (mcm/d)



## Linepack (mcm)



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# Interruptible Entry Capacity

An explanation of what we release and why



**Alison Tann**  
NTS Capacity Manager

**nationalgrid**



# Context and content

A number of queries were received end-Oct / Nov around the declining availability of Interruptible capacity – all were answered individually.

We committed to providing additional context at a future Operational Forum

- Introduction to short-term capacity products
- Focus on Interruptible Entry Capacity
  - Context to reduced availability of Interruptible since 1<sup>st</sup> October
  - Key principles / methodology that determine Interruptible volumes released
- Looking ahead / contact information

# Introduction to Short-term Entry Capacity Products

NTS Entry capacity is made available at all entry points to the NTS and can be booked as either 'firm' or 'interruptible' entry capacity

Firm		Interruptible	
<ul style="list-style-type: none"> <li>Firm entry capacity is financially and contractually guaranteed to be available.</li> <li>Although guaranteed, events like plant or equipment failure may lead to an entry capacity "constraint", where entry flows exceed capability.</li> <li>In a constraint situation, we may need to withhold release or buy back the firm rights at a market-driven price (called capacity "surrender" or "buy back").</li> </ul>		<ul style="list-style-type: none"> <li>Interruptible entry capacity is discounted as it carries a higher degree of risk and may be withheld in the event of an emerging constraint risk.</li> <li>If necessary, interruptible capacity rights may be reduced in part or full via Shipper notifications (this is called "scaleback").</li> <li>When the constraint has been alleviated the restrictions will be lifted as far as possible.</li> </ul>	
Baseline NTS Entry capacity (obligated)	Minimum amount of capacity that we must make available.	Use it Or Lose It (UIOLI)	Based on a rolling utilisation of firm capacity over the preceding 30 days.
Incremental NTS Entry capacity (obligated)	Firm capacity made available above the baseline amount. Increase is permanent.		Automatically calculated in Gemini.
Incremental NTS Entry capacity (non-obligated)	Additional firm capacity, temporarily made available at our discretion.	Discretionary	Additional Interruptible capacity, temporarily made available at our discretion.

## ***Auctions terminology:***

***DISEC*** = Daily Interruptible System Entry Capacity

***IPDISEC*** = Interconnector Point Daily Interruptible System Entry Capacity

# Focus on Interruptible Entry Capacity

- Increased focus on short-term capacity products since Charging Review implementation on 1st October 2020.
- Increased demand for Interruptible entry capacity due to the 10% reserve price discount applied.
- Declining availability of Interruptible through October leading to a number of queries from customers.

## Key points

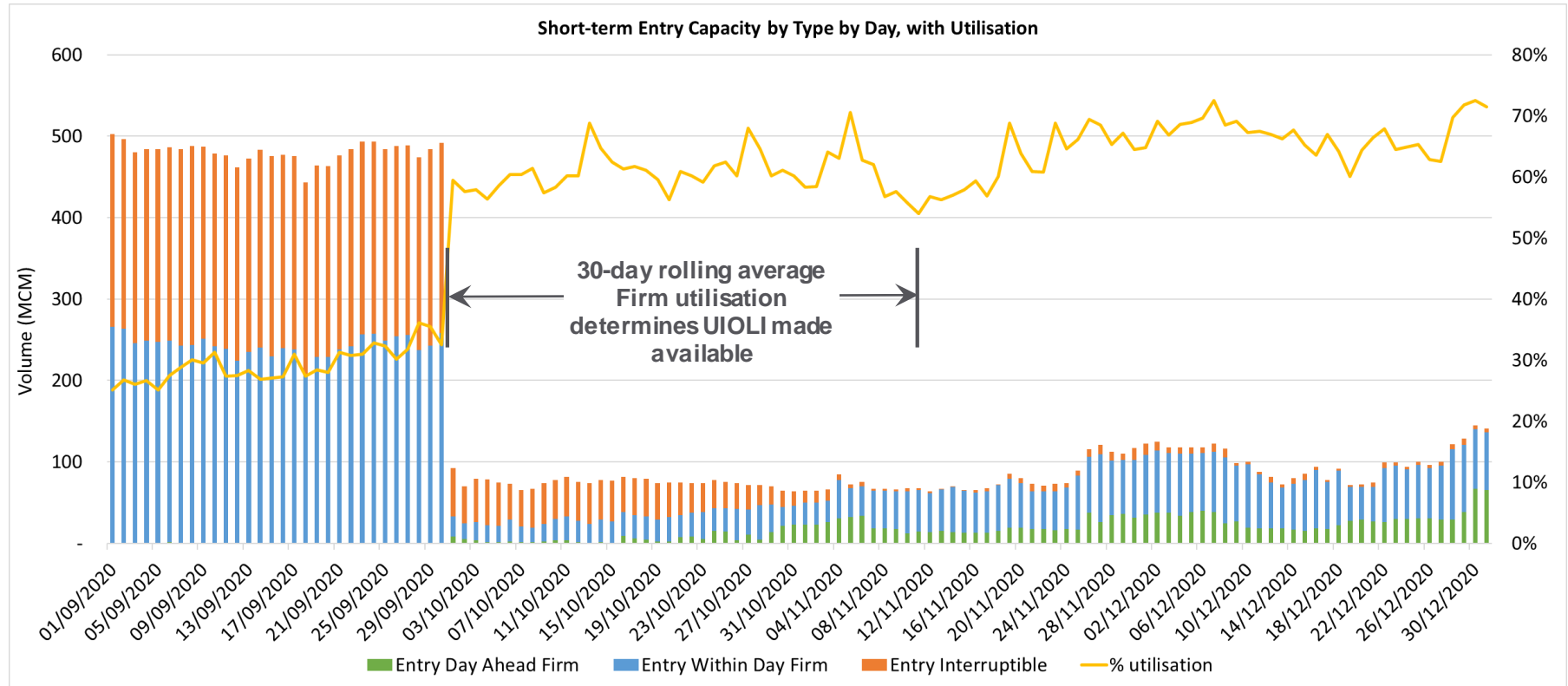
1. There has not been any change made (or proposed to be made) by us to the calculation of UIOLI – declining availability was due to increased Firm utilisation post-1<sup>st</sup> October.
2. The discretionary element is a combination of evidenced market need and prevailing view considerations, and is actively monitored and managed by our control room (GNCC) on a daily basis.
3. GNCC determine where and when to release additional discretionary capacity using a mechanistic approach which:
  - evaluates the deemed market need by analysing: i) sales of Firm capacity over the previous 7 days and ii) utilisation data from the DISEC/IPDISEC auctions.
  - ensures that the Firm product is not undermined

NB GNCC can apply further discretion if, for instance, they consider the prevailing operational view to be unfavourable to support release of the discretionary volume recommended by the mechanistic calculation.

“The ASEPs where Discretionary NTS Entry Capacity is to be made available, and the quantity, will be determined on a case by case basis at the sole discretion of National Grid” *Entry Capacity Release Methodology Statement*

# Declining availability of UIOLI since 1<sup>st</sup> October

The calculated UIOLI element of DISEC made available since 1<sup>st</sup> October has decreased



# Looking ahead and who to contact

- We have no plans currently to change the current methodology around UIOLI or Discretionary release, though open to discussion around this
- GNCC will continue to monitor the situation on a daily basis and release Discretionary where and when we are able to
- Should you wish to discuss this further on an individual basis or want more information, please contact us or use the links below...

## Further information

Capacity Auctions Team	Capacity Frequently Asked Questions	Capacity Guidelines
capacityauctions@nationalgrid.com T: +44 (0)1926 654 057	<a href="https://www.nationalgridgas.com/document/128696/download">https://www.nationalgridgas.com/document/128696/download</a>	<a href="https://www.nationalgrid.com/uk/gas-transmission/uk/gas-transmission/document/134041/download">https://www.nationalgrid.com/uk/gas-transmission/uk/gas-transmission/document/134041/download</a>



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# **Bacton IP Entry Capacity**



**Alison Tann**  
NTS Capacity Manager

**nationalgrid**



# Bacton IP Entry Capacity

## Recent queries around the volume and type of Bacton IP Entry capacity being offered:

- Why is there a reduced offering of capacity during the day?
- Why does the unbundled capacity volume vary from day to day?
- Why isn't more unbundled capacity being made available by NG?

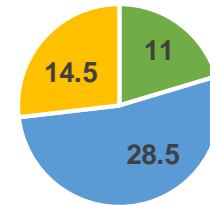
## Key principles:

- Bacton Entry IP is shared between BBL Company and IUK interconnectors. We agree with each TSO via an annual “harmonisation” process how much bundled capacity will be made available. This informs the amount of capacity available throughout the Gas Year.
- We are obligated by the Capacity Allocation Mechanism rules (CAM) to make the maximum technical capacity available and to maximise the offer of bundled capacity.
- The daily technical capacity is made available on PRISMA in 24 equal hourly ‘blocks’, in kWh/h. The later capacity is booked, the less there is therefore available as the Gas Day progresses - unsold capacity does not “rollover” to later hour-bars.
- Firm bundled capacity is sold via PRISMA annually, quarterly, monthly, and day ahead – the within day bundled/unbundled capacity offering therefore varies from day to day.
- The technical capacity we offer is linked to our Licence obligations – capacity offered in excess of this is “non-obligated” and therefore is considered for release on a discretionary basis. When offered on PRISMA, both “obligated” (technical capacity) and “non-obligated” appear simply as firm capacity.
- Capability assessments are undertaken daily across all entry points where there is an evidenced market need, to determine whether additional capacity can be made available.

## Bacton IP Entry capacity:

- **Bundled capacity is Bacton (NG) Entry and corresponding Exit capacity for IUK / BBL Co.**
- **Unbundled capacity is Entry only**

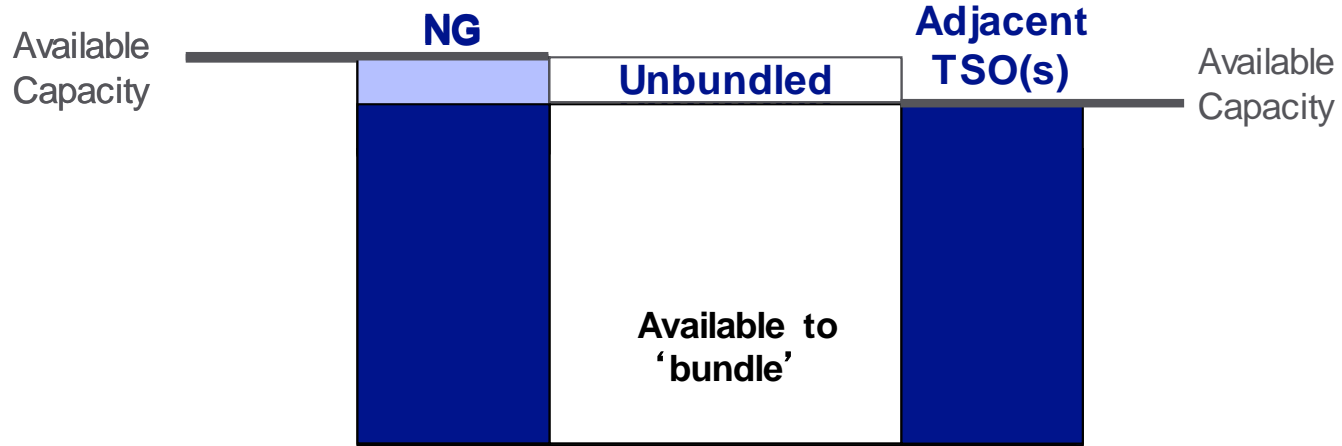
**Bacton Entry IP Capacity (2-3 Jan) - GWh/h**  
*NG Technical Capacity – 54GWh/h*



- NG Long-term sold
- NG Bundled offered (aggregate)
- NG Unbundled offered

# The bundled and unbundled capacity determination

The amount of unbundled capacity offered is determined by the amount of bundled capacity matched with any adjacent TSO.

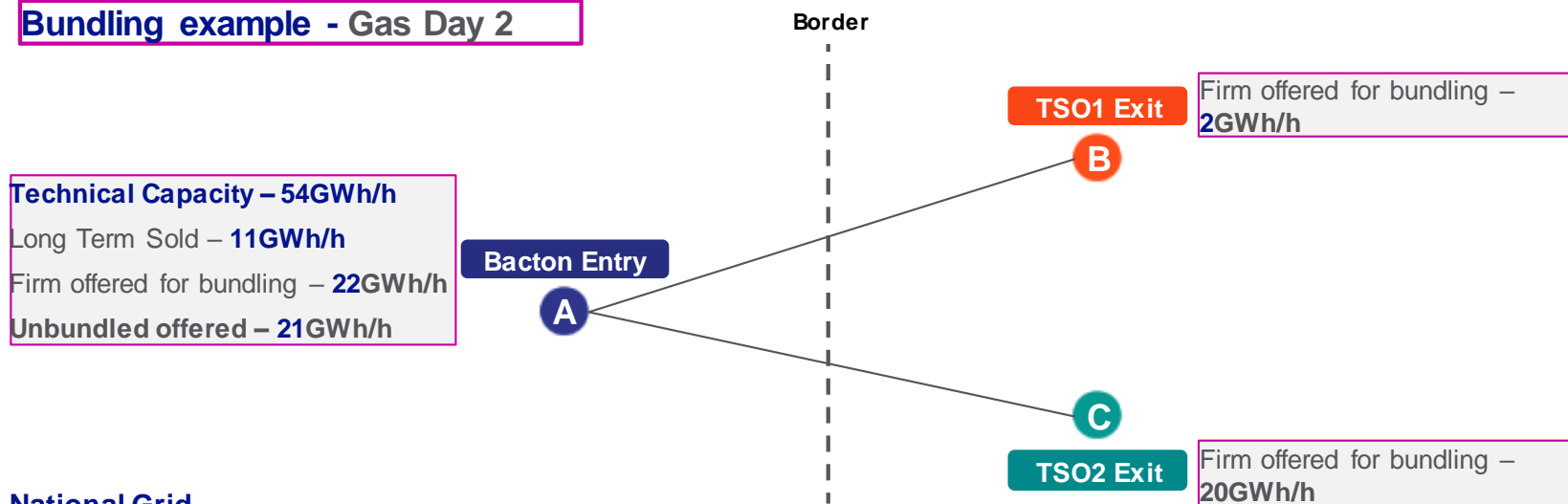


# Bacton Entry IP bundling examples

Bacton Entry IP has two adjacent TSOs, each with a differing amount of available capacity that is offered to bundle (harmonisation).

Available capacity at Bacton Entry IP is bundled with the available capacity from these TSOs.

The bundling process is automated, matching capacity values sent via interface files from respective TSOs to PRISMA.



## Gas Transmission

### Incorrect capacity bid submission – system changes:

- Reserve price population
- Mandatory bid parameters



**Mark Baker**  
Principle Capacity Strategy &  
Development Analyst  
[mark.baker@nationalgrid.com](mailto:mark.baker@nationalgrid.com)

**nationalgrid**



# Incorrect capacity bid submission – system changes:

## Associated risks

Potential for User's to incorrectly enter data in the Gemini capacity auctions bidding process.

Incorrect bid submissions (price/volume) can impact -

- Amount of capacity allocated across multiple auction participants;
- Revenue generated and fed into neutrality calculations;
- Calculation of Overrun charges for other auction participants.

*Please note it is not National Grid's role or responsibility to monitor User bids placed on Gemini.*

## Steps taken to resolve

Issues raised initially by NG at September 2020 Ops Forum and subsequently.

Reminder that Shipper/User preferences can be set up in Gemini/Gemini Exit to help mitigate the risk of erroneous bids being placed.

NG-proposed system changes that could help reduce the risk of errors further -

- Pre-population of minimum reserve price at bid capture stage;
- Mandatory Shipper/User preferences to be in place ahead of bid submission
  - UNC modification proposal raised (UNC0745)

# UNC 0745 summary

## Mandatory setting of bid parameters

- A [UNC modification proposal](#) that will make it mandatory for Users to set bid parameters prior to participating in auctions for daily products (short-term auctions).
  - Firm day ahead entry capacity
  - Firm day ahead exit capacity
  - Firm within day entry capacity
  - Firm within day exit capacity
  - Interruptible day ahead entry capacity
  - Off-peak day ahead exit capacity
- Relevant bid parameters would be Bid Price and Bid Volume
- Proposal to add to UNC auction rules a pre-condition ahead of being able to place a bid in short-term auctions.

# Bid Validation (User Preferences) Example

## Bid Price Limit set

- In this example the reserve price for entry capacity is 0.005p/kWh/d.
- A User sets a bid validation limit of 0.01p/kWh/d in User Preferences prior to the auction commencing. This allows for a premium to be added if required.
- Once set up, a User operative intends to enter a bid price of 0.006p/kWh/d. However, the operative misplaces the decimal point and enters 0.06p/kWh/d instead.
- The bid falls outside of the bid validation parameters (0.01p/kWh/d) and Gemini prevents the bid from being placed.
- As a bid validation limit (User Preferences) is in place, the system will inform the User by notice that the bid is outside of the validation range.



# Proposed Gemini system changes - summary

## Minimum reserve price

Short-term auction minimum reserve prices to be pre-populated in the Gemini and Gemini Exit Bid Capture forms.

Change does not apply to long-term or to Interconnector Point auctions.

Bid prices can be modified and submitted above the reserve price as required.

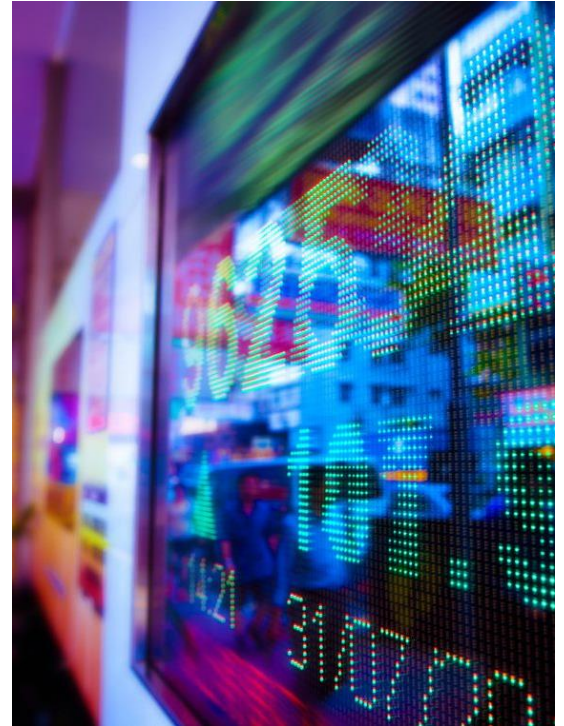
Planned implementation date – April 2021 (STC)

## Mandatory bid parameters

Requirement for User/Shipper preferences to be in place for all Gemini and Gemini Exit short term auctions prior to bid capture and submission (subject to approval).

Users would be unable to place bids in short-term auctions unless they have set up User/Shipper preferences for both Bid Price and Bid Volume. Validation checks to also apply to API's.

Implementation depends on the outcome of UNC0745 and associated timescales.



**Gas  
Transmission**

# **Gemini Change Programme**



**Sarah Carrington**  
Comms and Engagement Lead -  
Gemini

**nationalgrid**



# What is the GSE Project?

Engaging external and internal users  
to deliver improvements to the  
Gemini application

4

Themes

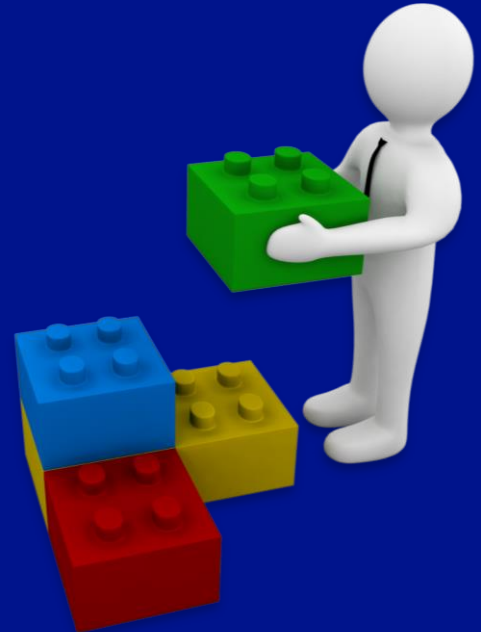
APIs  
Security  
Balancing & Capacity  
Performance

70

Requirements

25<sup>th</sup>  
July  
2021

Go Live



# GSE – Scope highlights

- New Breach Indicator icons on Gemini Home Screen**
- New Dashboards showing graphical data for Balancing and Capacity**
- Improvements to the Entitlements Screen**
- 13 New APIs**
- 56 APIs available to use over the web – easier integration**
- New Shipper Imbalance Report**
- Improvements to several existing screens and reports through provision of ‘sort’ feature**

# GSE – Early Improvements Delivered 17<sup>th</sup> January 2021

1)Removal of Message Pop Up on Login

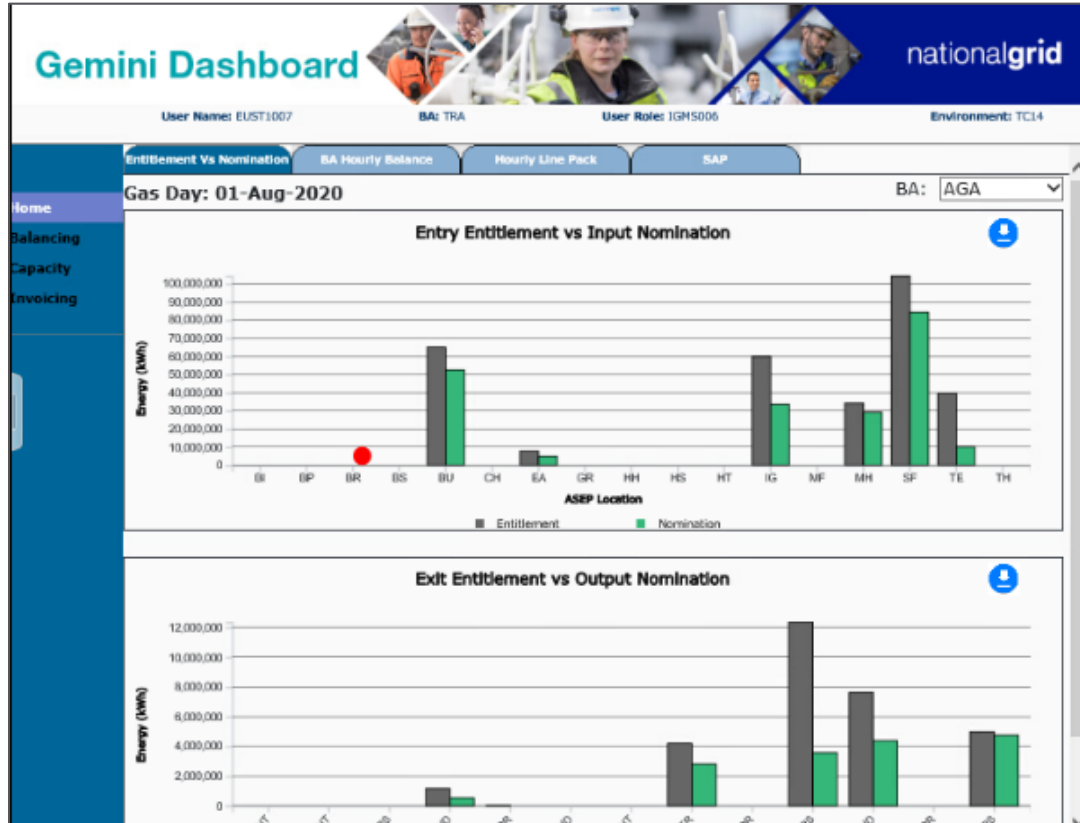
2)Refreshed Gemini Banners

# Gemini & Gemini Exit Home Screens

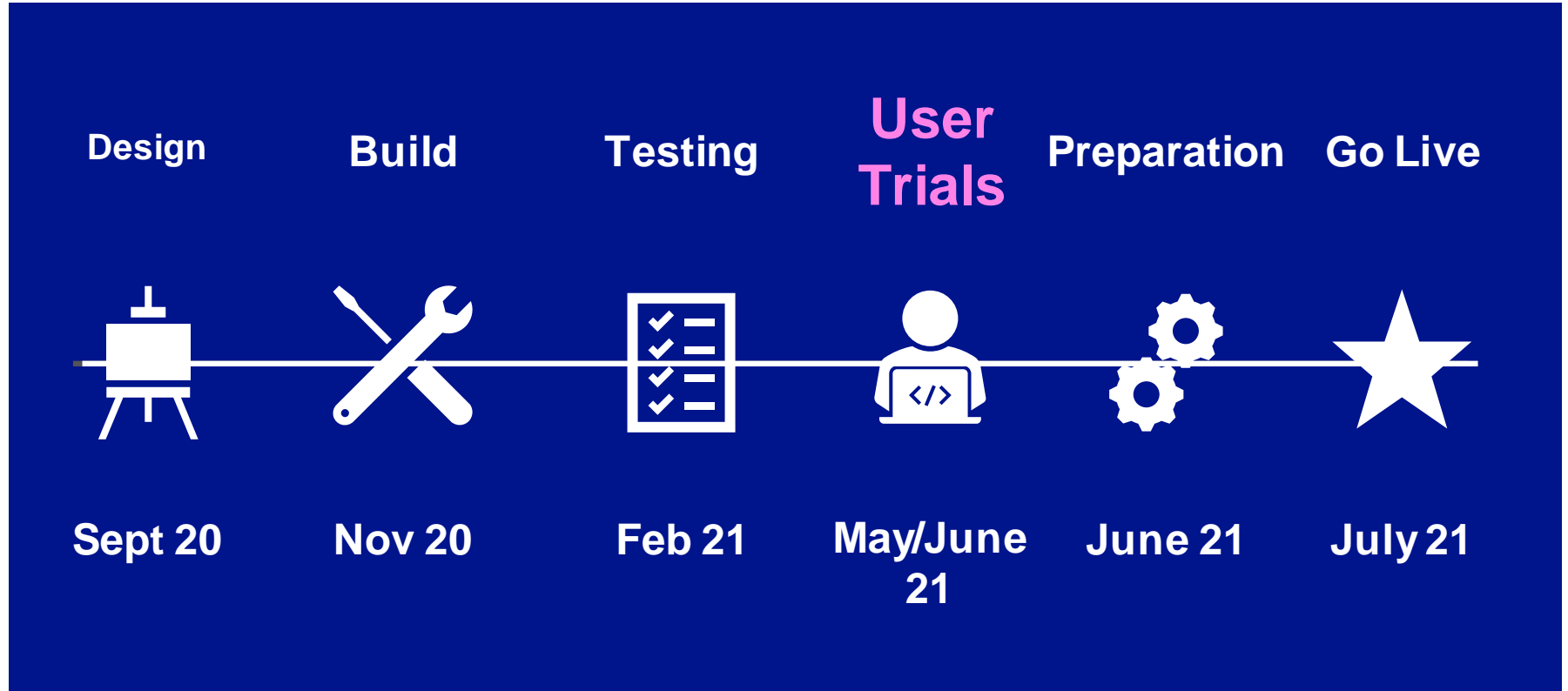
The screenshot shows the Gemini Home page in Internet Explorer. The browser title is "Gemini Home - Internet Explorer". The page features a blue header with the Gemini logo on the left and the nationalgrid logo on the right. Below the header is a navigation menu with tabs for Contract, Product, Trade, Deal, Constraints, Meter Details, Nominations/OCM, Measurements/Allocations, and Invoice. A secondary menu includes Contract, Product, Trade, Deal, Constraints, and Invoice. The user interface shows "User Name: C300", "BA: TRA", and "User Role: 10P0001". The main content area displays the nationalgrid logo in a large, light blue font. At the bottom, there is a link for "About Gemini | Contacts".

The screenshot shows the Gemini Exit Home page in Internet Explorer. The browser title is "Gemini Exit Home - Internet Explorer". The page features a blue header with the Gemini Exit logo on the left and the nationalgrid logo on the right. Below the header is a navigation menu with tabs for Contract, Product, Publish, Deal, Constraints, and Invoice. A secondary menu includes Contract, Product, Publish, Deal, Constraints, and Invoice. The user interface shows "User Name: C300", "BA: TRA", and "User Role: EXT001". The main content area displays the nationalgrid logo in a large, light blue font. At the bottom, there is a link for "About Exit | Contacts".

# Gemini Dashboard Views



# GSE Timeline





# GSE Benefits



Improved automation



Improved APIs



Improved usability



# **GSE Customer Survey – 29<sup>th</sup> January**

**GSE Customer Survey being released on 29<sup>th</sup> January**

**Purpose – to help measure potential benefits and customer satisfaction**

**Six questions on the 29<sup>th</sup> January; same 6 questions released 6 weeks after go live**

**Completion of the survey by the shipper community would be very much appreciated**

# GSE Next Steps & Contact Details

## Useful sources of information:

- [Xoserve Change Pack issued 16<sup>th</sup> November](#)
- [Gemini External Screen Pack](#)
- [Gemini & Gemini Exit API Specification](#)

**The shipper community will be kept informed of GSE progress through the Gas Ops Forum, Email and bespoke communications**

**Project Mailbox : [box.Xoserve.GeminiSystemEnhancements@Xoserve.com](mailto:box.Xoserve.GeminiSystemEnhancements@Xoserve.com)**

### **National Grid**

Ian Bennett  
Project and Change Delivery Manager  
[ian.Bennett1@nationalgrid.com](mailto:ian.Bennett1@nationalgrid.com)

### **Xoserve**

Nicola Patmore  
Project Manager  
[Nicola.Patmore@xoserve.com](mailto:Nicola.Patmore@xoserve.com)

If you require further information please contact the team or the project mailbox

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# **Guest Presentation: BEIS**

**Myra Fazal**

Policy Advisor in Gas Security,  
Networks and Markets team, BEIS

**nationalgrid**



# EU-UK Trade and Cooperation Agreement

Energy Chapter: Stakeholder Overview



# Key Points

**Trading:** Gas trading will remain unchanged. Access to PRISMA continues.

**Markets:** Provisions to ensure markets in the UK and EU are suitably compatible for open and fair trade.

**Cooperation:** Agreements to cooperate on renewable energy, technical cooperation between regulators & transmission system operators – including on gas markets, access to networks, security of supply, infrastructure planning, gas decarbonisation.

**Energy Goods:** First ever zero-tariff, zero-quota EU trade deal. No unnecessary barriers to trade of energy goods and raw materials.

**Climate:** The fight against climate change an ‘essential element’ of the deal, elevating both Parties’ commitment.

**Governance:** A new institutional architecture to the treaty, with no jurisdiction for the CJEU.

**More info:** [www.gov.uk/transition](https://www.gov.uk/transition); on demand videos for businesses on new rules regarding trading with Europe.

# Gas Transmission

## Updates



**Joshua Bates**  
Operational Liaison & Business  
Delivery Manager

nationalgrid



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# Operating Margins Review



**Joshua Bates**  
Operational Liaison & Business  
Delivery Manager

nationalgrid





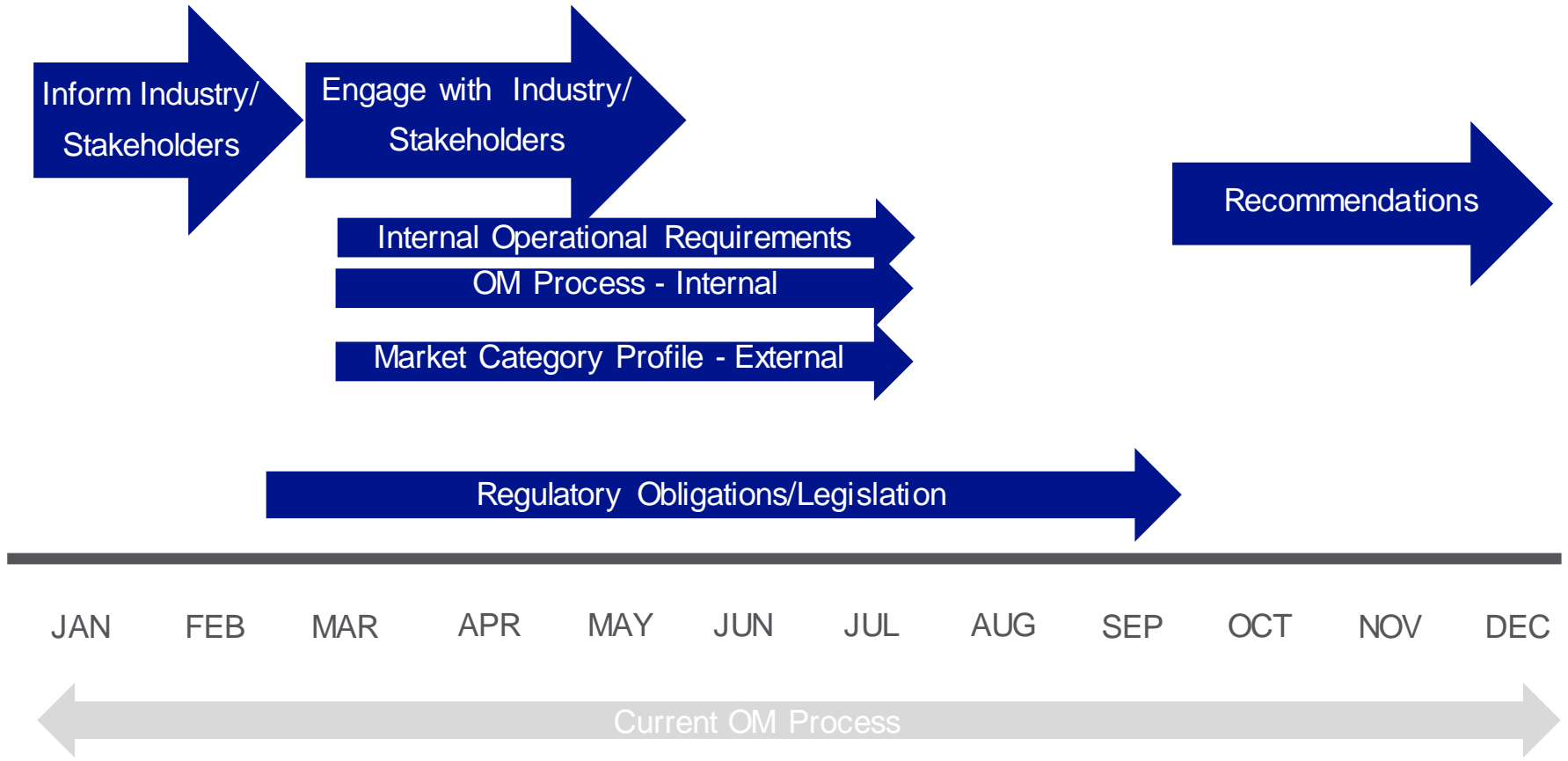
# What is Operating Margins (OM)?

- National Grid is required to procure its Operating Margins (OM) requirements on an annual basis in accordance with TPD Section K of the Network Code, the obligations set out in National Grid's gas transporter licence, and the obligations detailed in the National Grid's Safety case.
- The OM service is utilised at times of severe system stress to maintain NTS pressures in the period before other system management services become effective (e.g. national or locational balancing actions). Primarily, OM could be used in the immediate period following the occurrence of any of the following:
  - Supply Loss : Terminal, Sub-Terminal, Interconnector, LNG Importation Terminal
  - Pipe Break (including loss of infrastructure that renders pipe unusable);
  - Compressor Failure; and
  - Demand Forecast Error

# Why are we reviewing?

1. The current methodology was developed when NTS gas flow patterns had greater consistency and UKCS made up a greater proportion of the supply mix.
2. We want to increase visibility of the tender process and commercial options under the UNC.
3. We are compliant, but we would like to engage with the industry in terms of the methodology that we employ and the procurement arrangements to make sure it is the most appropriate and efficient process for NGG, our customers and consumers.
4. We regard this as an evolution of our prudent management of operational risk.

# Timeline



# **OM Review Contacts**

**Glenn Townsend – Project Lead**

**Andrea Godden – Process Owner**

**Joshua Bates – Stakeholder Lead**

**Phil Hobbins – Codes Change Lead**

**Mohammed Rahman – Internal Requirements Lead**

**John Cummins – Market Category Profile & Internal OM Process Review Lead**

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## Data Webinar



**Joshua Bates**  
Operational Liaison & Business  
Delivery Manager

nationalgrid



# Data – Back to Basics Webinar

As part of the feedback from the GT webinar series was that you would value

- an additional webinar regarding the data we have available,
- the transparency on decision making process for the future of data and
- a run through of the data community site.

Slido Poll (#GasOps21) – would you find value in a back to basics webinar?

- Yes - Separate webinar
- Yes - Built into ops forum or another event
- No thank you

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# Emergency Planning Update



**Tom Wilcock**  
Safety, Response and Assurance  
Manager

nationalgrid



# Introductory Webinar: Review of the Impact of a Gas Supply Shortage on the Electricity Network (RIGSSE)

**Tue 9<sup>th</sup> Feb 10:00 – 11:30**

Join the project team to understand:

- the project objectives
- timelines and plan for this year
- how to get involved in this important work and share your thoughts

Register at:

[RIGSSE.eventbrite.com](https://www.eventbrite.com)

**nationalgrid**





# Gas Transmission

## Close



**Joshua Bates**  
Operational Liaison & Business  
Delivery Manager

nationalgrid



# Next Forum

The Next Operational Forum will take place on the 25 February via WebEx or Teams

Please send any topic requests to:

[Box.OperationalLiaison@nationalgrid.com](mailto:Box.OperationalLiaison@nationalgrid.com)

Register now at:

<https://www.nationalgridgas.com/data-and-operations/operational-forum>

