

Gas  
Transmission

# Gas Operational Forum

WebEx

17<sup>th</sup> September 2020

9.30am

Slido

#GasOps20

nationalgrid



**Gas  
Transmission**

# **Introduction & Agenda**

**Joshua Bates**

Operational Liaison & Business  
Delivery Manager

**nationalgrid**



# Presenters

## National Grid

Joshua Bates – Operational Liaison and Business Delivery Manager

Martin Cahill – Operational Liaison Lead

George Killick – Operational Strategy Engineer

Sarah Carrington – Comms & Engagement Lead (GEMINI Change Project)

Colin Williams – Commercial Codes Change Manager

Alison Tann – NTS Capacity Manager

Tom Wilcock – Safety, Response & Assurance Manager

Phil Hobbins – Commercial Codes Change Manager

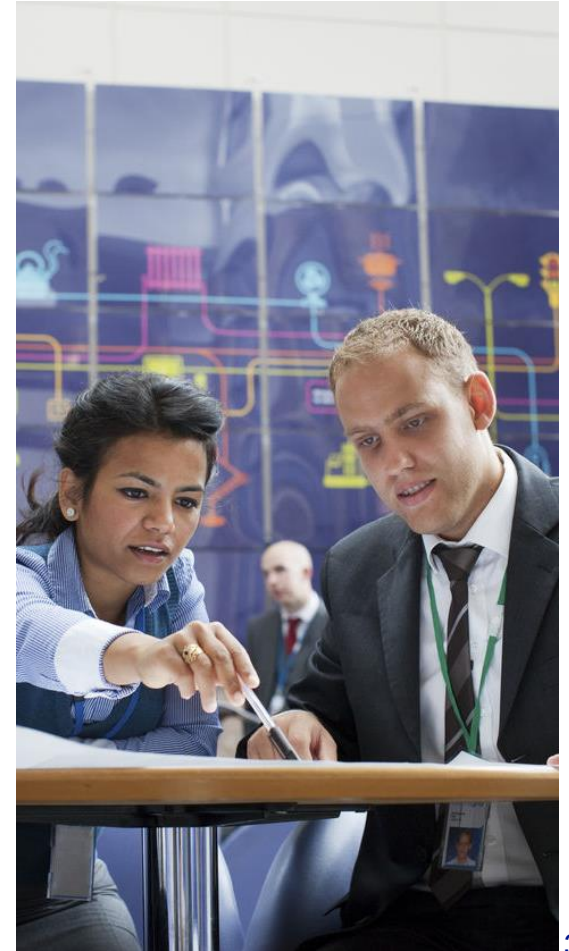
## Carbon Capture & Storage Association (CCSA)

Luke Warren – Chief Executive

## Xoserve

Neil Laird – Technology Operations Director

## National Grid



# Calendar year 2020 Ops forums

*All forums will be held via WebEx until further notice*

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Lon	Lon	Online	X	Online	Online	X	X	Online	Online	Online	X
23/01	20/02	19/03		14/05	18/06			17/09	22/10	19/11	

## Location:

Amba Hotel  
Strand  
Charing Cross  
London  
WC2N 5HX

**Registration is open for all 2020 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 #GasOps20.
- For both presenters and any verbal comments, please state your name and company before speaking.

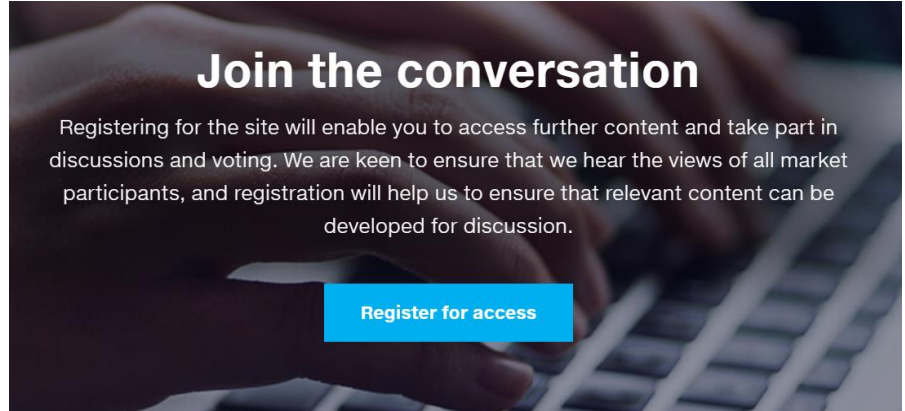


# Resources Available to you

## 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 2020 events at:  
<https://www.nationalgridgas.com/data-and-operations/operational-forum>



### 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>



# 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) #GasOps20



# Agenda for Today

- 
- 01** Welcome and Introduction
- 
- 02** Operational Overview
- 
- 03** Guest Presentation Carbon Capture & Storage Association
- 
- 04** Gemini:  
Recent system issues  
October Charging Arrangements  
System Enhancements project  
Prevention and process around capacity booking issues
- 
- 05** Emergency Exercise Baltic
- 
- 06** Updates
- 

**Please ask any questions using slido #GasOps20 or by raising your hand.**

**These will be covered at the end of each agenda section**

**Joining as a participant?**

# GasOps20

Join an existing event

By using Slido I agree to the [Policy](#).



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# Operational Overview

**George Killick**

Operational Strategy Engineer

**Martin Cahill**

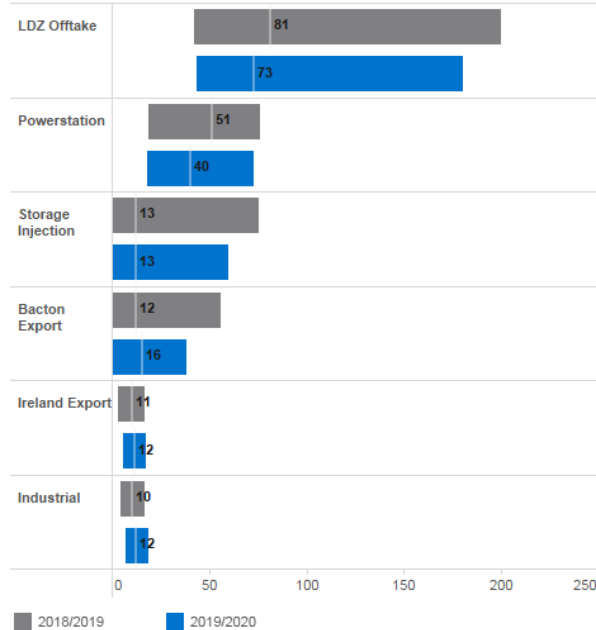
Operational Liaison Lead

**nationalgrid**

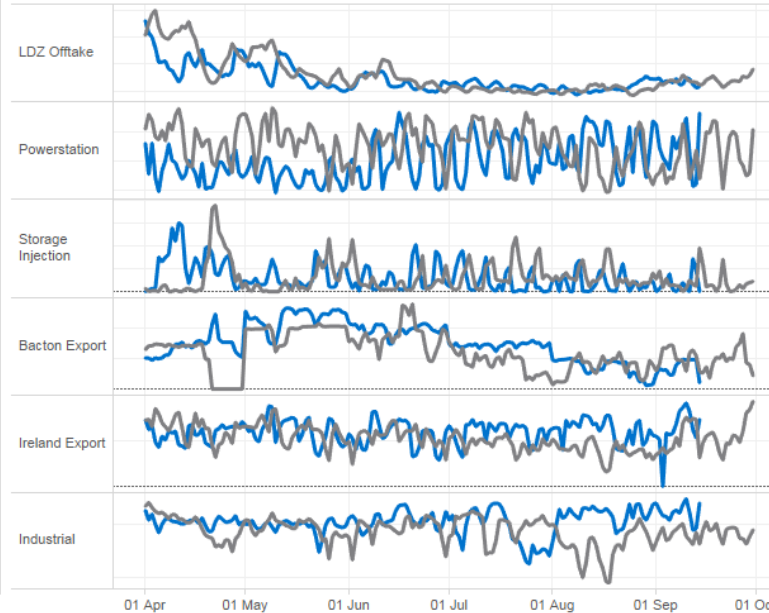


# NTS Demand

Average Daily Volume and Range (Summer)



Trend Vs Previous Year



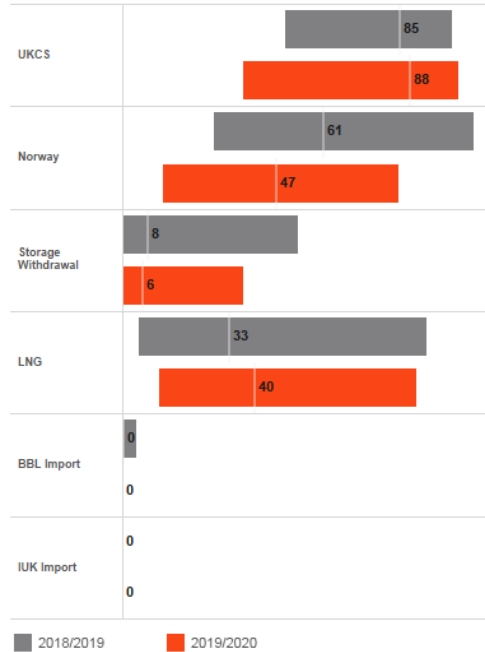
LDZ Demand has remained consistent over the summer, in a very similar range to last year

Powerstation demand increased to similar levels of last year by mid-June

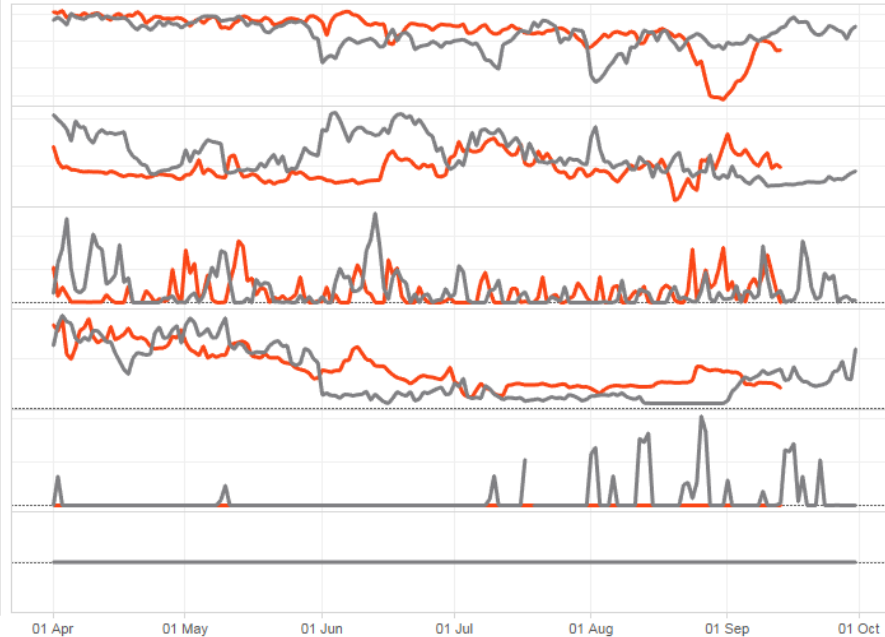
Exports through both interconnectors at Bacton

# NTS Supply

Average Daily Volume and Range (Summer)



Trend Vs Previous Year

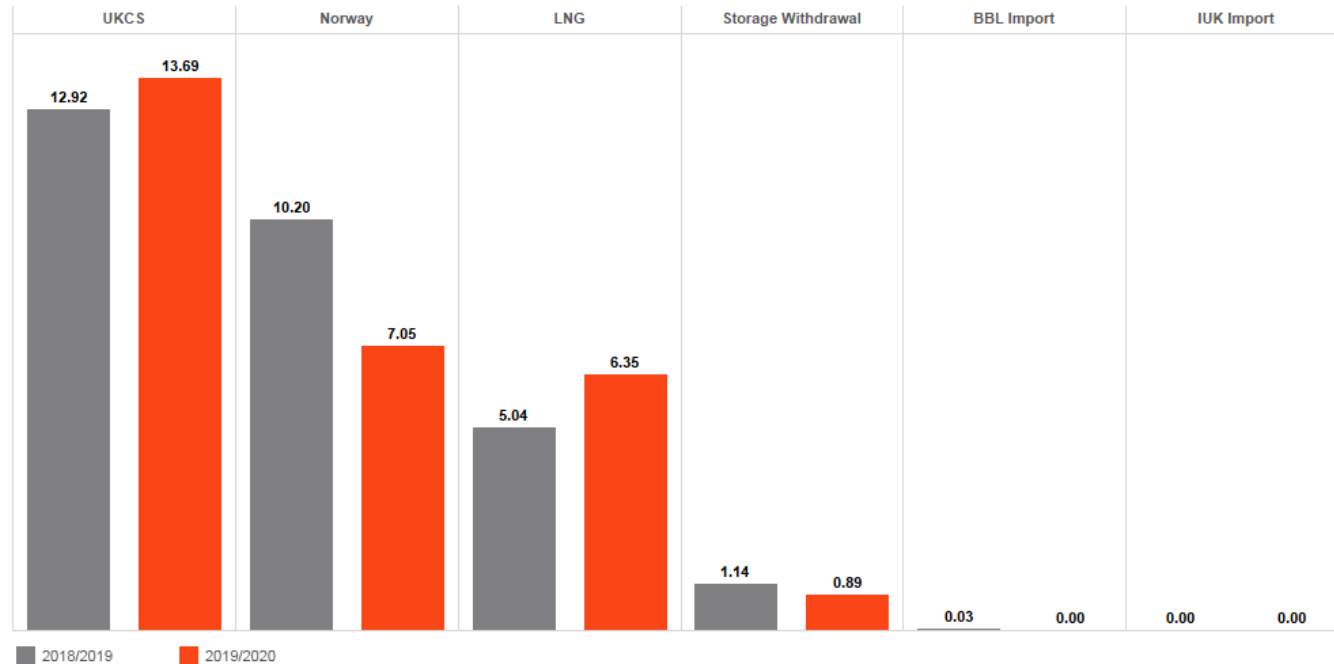


UKCS  
consistent for  
the majority of  
the summer,  
with some  
maintenance  
late Aug/early  
Sep

LNG Delivery  
has continued  
throughout the  
summer

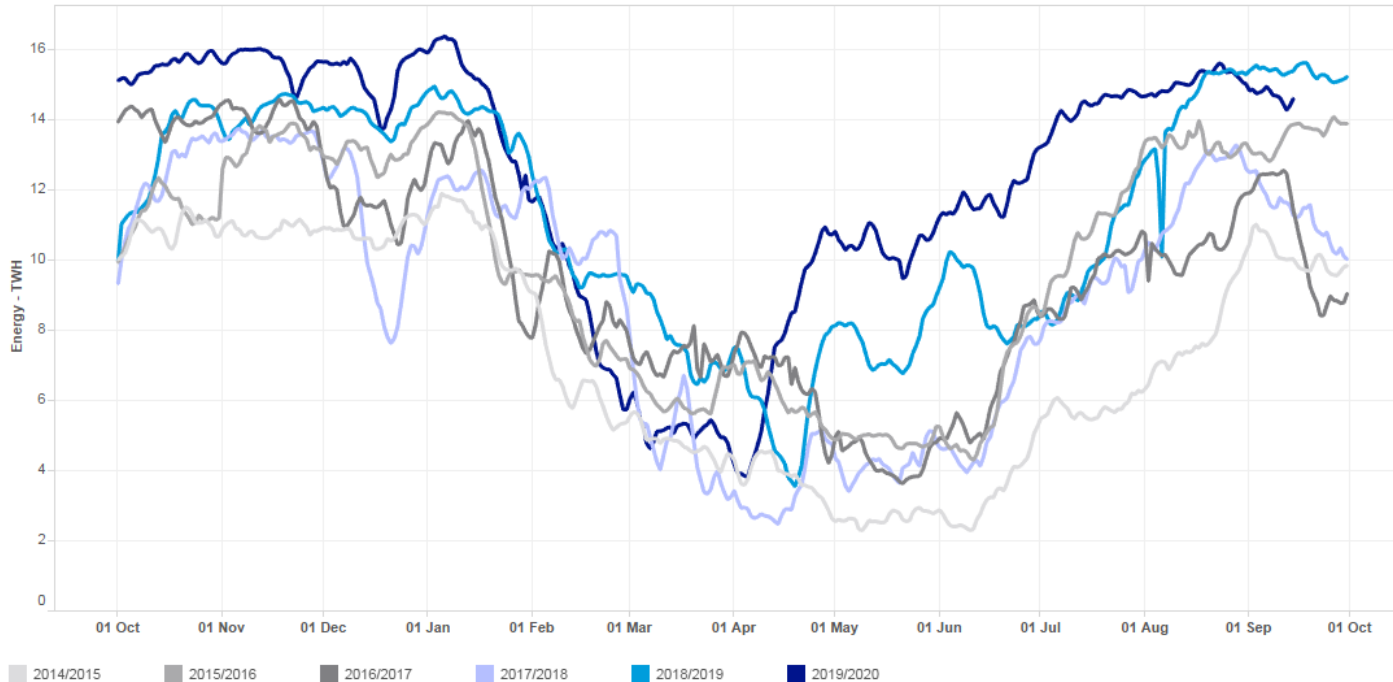
# Supply – Yearly Comparison

Supply (BCM, Summer)



With a lot of summer maintenance postponed or cancelled this year, UKCS has remained at a higher average rate

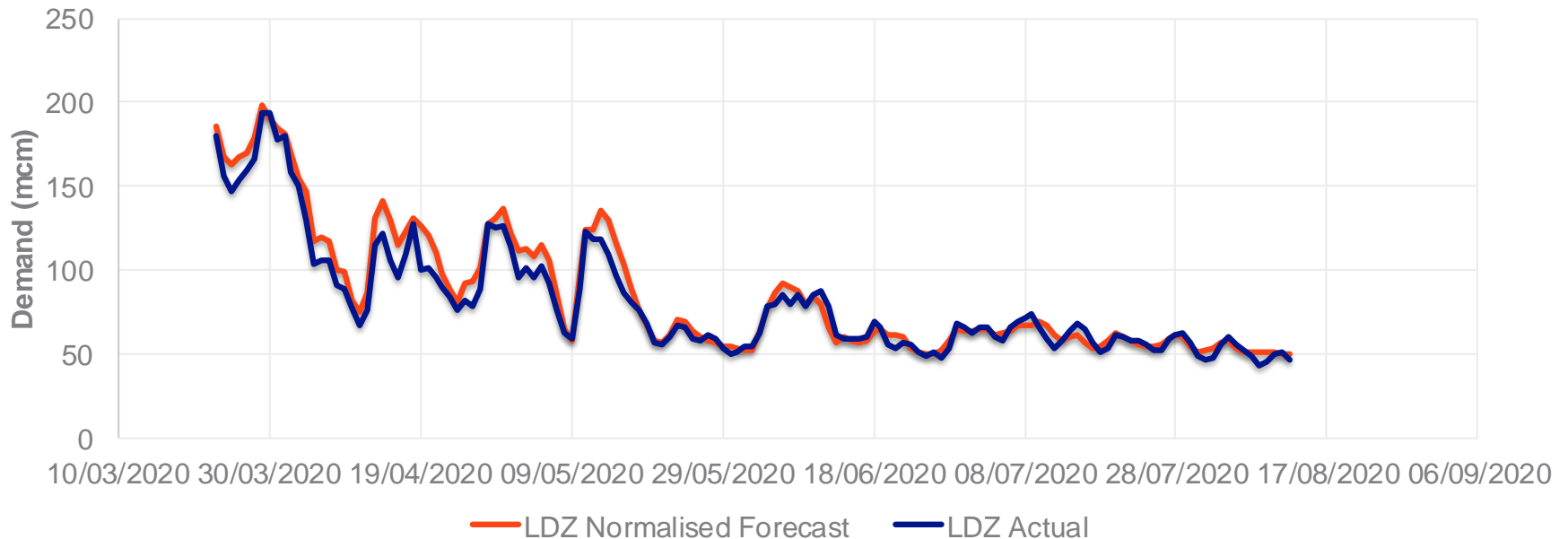
# Storage Stocks



Storage stocks are near maximum ahead of the winter season

# Demand Update: LDZ

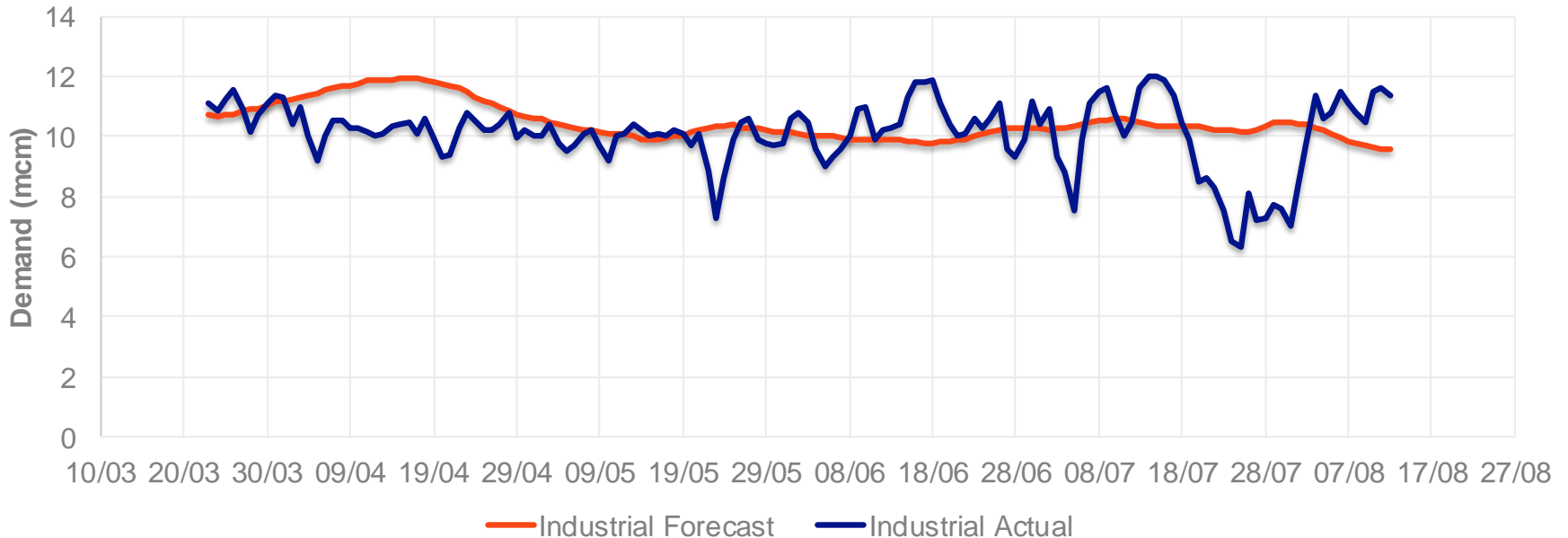
Following lockdown LDZ demand was lower than expected based on CWV  
From mid may onwards demand has been in line with expected





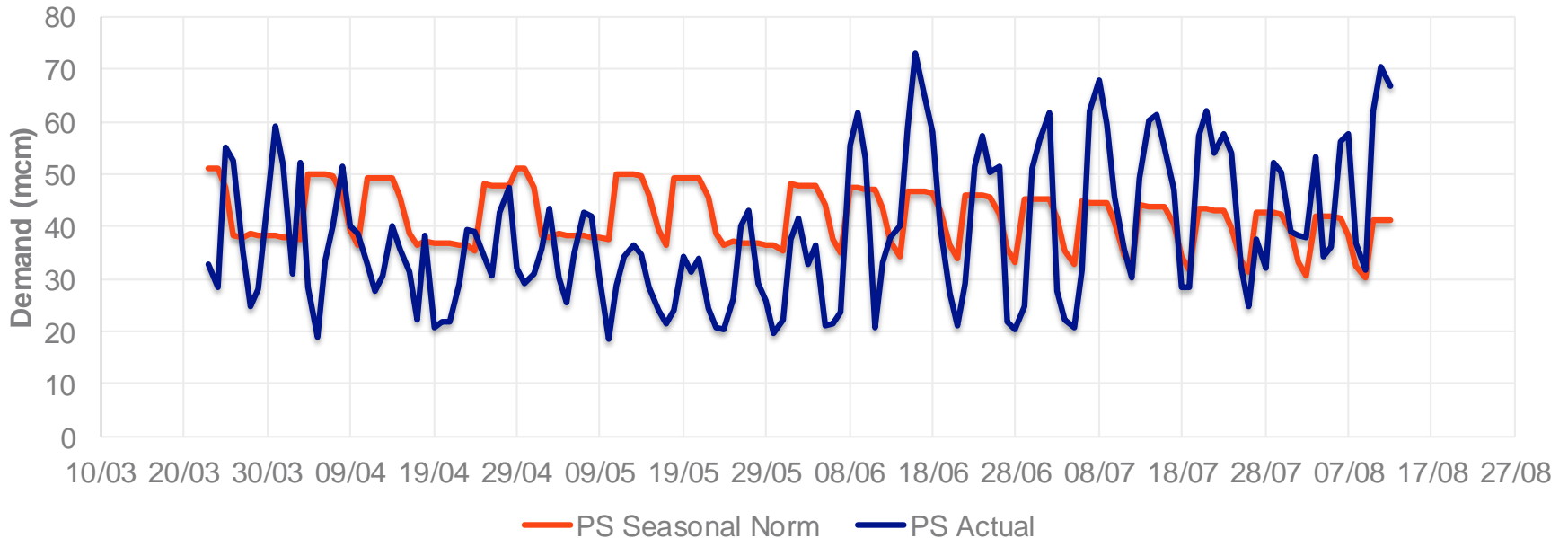
# Demand Update: NTS Industrial

NTS Industrial demand has fluctuated but largely in line with expected recently



# Demand Update: NTS Power Station

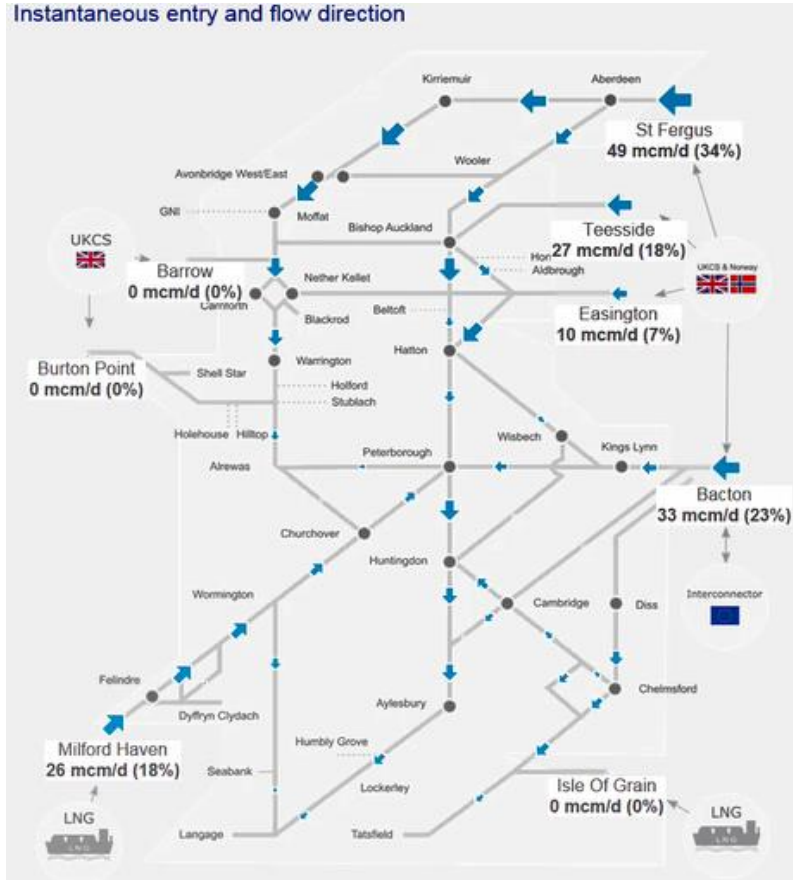
Lower PS Demand earlier in the summer increased from June onwards



# Low Compression Requirements

Removing the testing hours from compressors, there were 11 consecutive days of no compression for operation of the NTS between the 7<sup>th</sup> and 18<sup>th</sup> August

Other means such as the use of flow control valves can control stock whilst keeping cost and emissions down



# Winter Outlook

**We are currently in the process of modelling the impact the current lockdown controls are having on demand; both now and with a view towards the coming winter.**

**This will be published as part of our Winter Outlook publication on 15 October. The report will be presented to Government this month ahead of its public release in October.**

**Winter Outlook key findings will be covered in more detail at the October Operational Forum**



***Carbon Capture &  
Storage Association***



## Briefing on Carbon Capture Usage and Storage

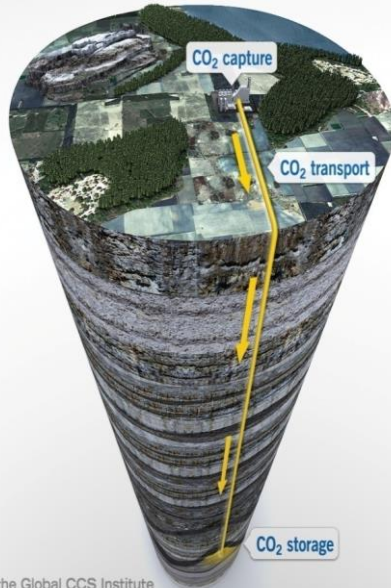
Luke Warren  
Carbon Capture and  
Storage Association



Carbon Capture &  
Storage Association

# What is CCUS?

## THE CARBON CAPTURE AND STORAGE PROCESS



Provided by the Global CCS Institute

- **Capture** CO<sub>2</sub> from power plants, industrial sites, hydrogen production, negative emissions.
- **Transport** CO<sub>2</sub> via pipeline or ship
- **Store** CO<sub>2</sub> in deep geological formations, e.g. depleted oil & gas fields or deep saline formations.
- **Use** CO<sub>2</sub> in products, albeit for more limited climate benefit.





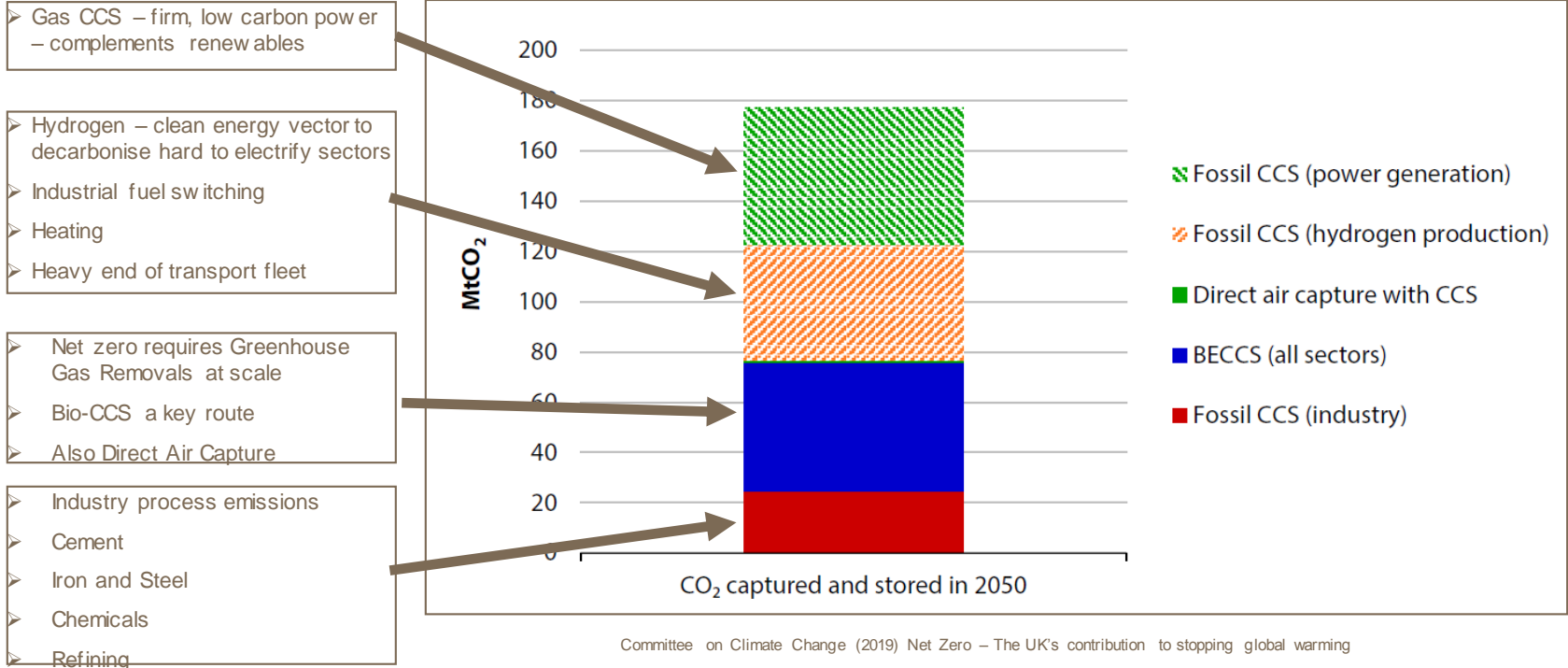
Carbon Capture &  
Storage Association

## CCS projects around the world

- 23 projects around the world in operation or construction
- Storing  $\sim 40$  MtCO<sub>2</sub> p.a.
- Capturing CO<sub>2</sub> from nine industrial sectors
- Sleipner, Norway safely storing  $\sim 1$  MtCO<sub>2</sub> p.a. since 1996
- Future challenges largely commercial



# Cross-economy decarbonisation

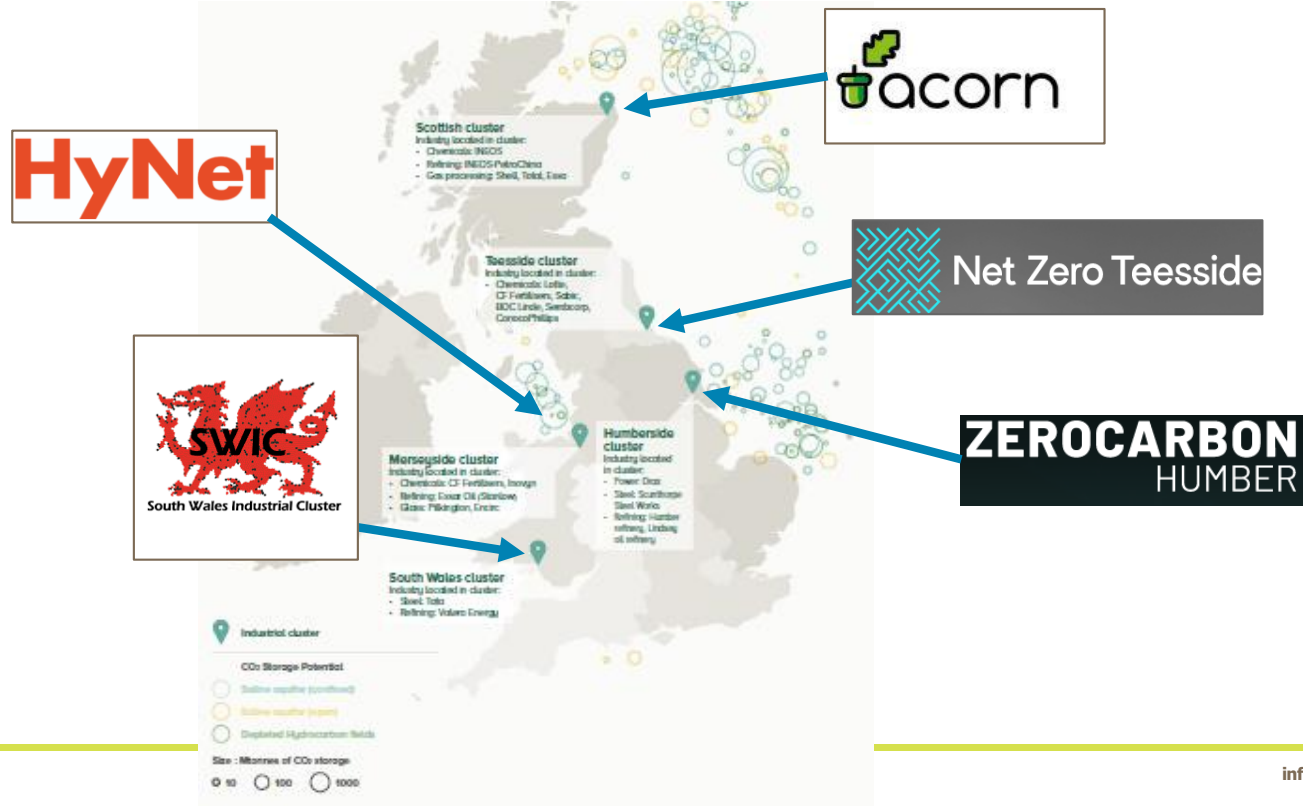


Committee on Climate Change (2019) Net Zero – The UK's contribution to stopping global warming

# Focus on regional CCUS clusters

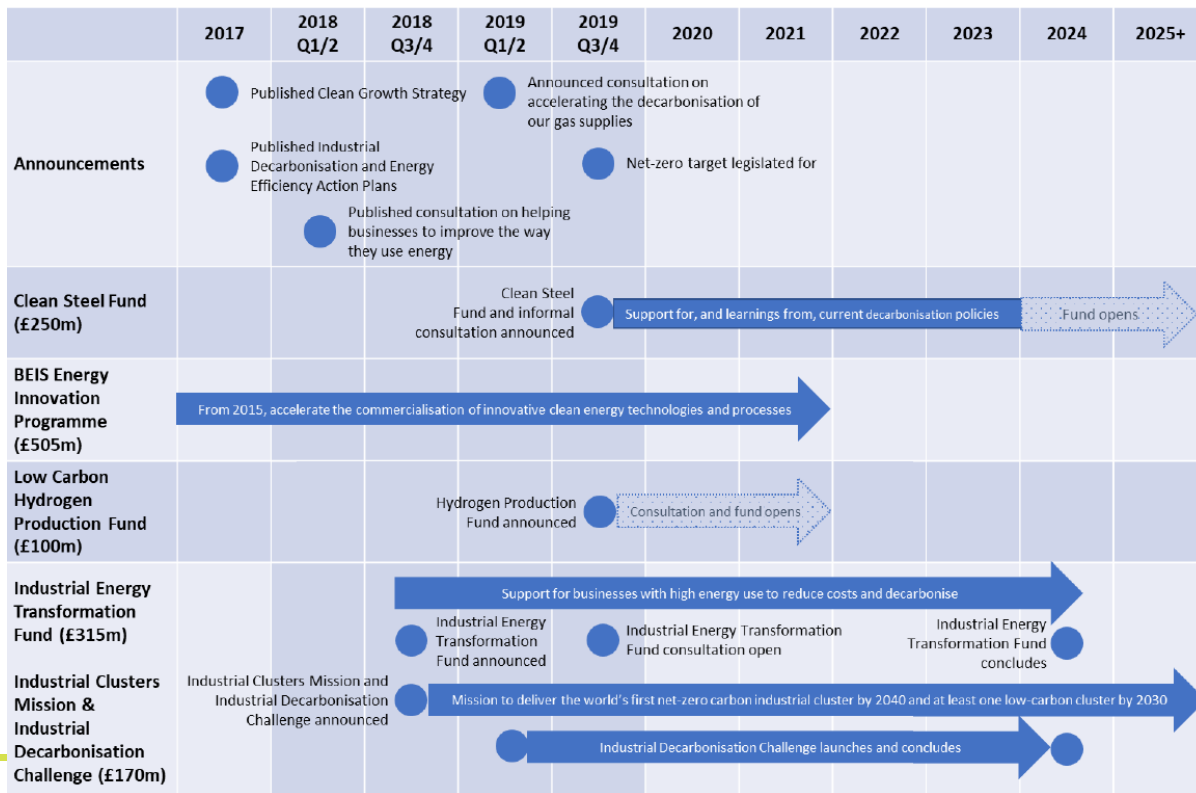


# CCUS clusters operating from mid-2020s





# Potential funding for CCUS





## CARBON CAPTURE, USAGE AND STORAGE

A Government Response on potential  
business models for Carbon Capture, Usage  
and Storage

August 2020

### **Government's 'minded to' position on supporting early CCUS investment**

- "at least" £800 mn CCUS Infrastructure Fund
- Power: 'Dispatchable CfD' support flexible operation of plant
- Industry: Industrial CfD & possible capital support
- CO<sub>2</sub> transport and storage infrastructure: Regulated network with independent economic and market regulators
- Hydrogen: Further work required



## Delivering CCUS at scale

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- Further detail on commercial frameworks for industry, CO<sub>2</sub> T&S networks and power by end 2020
- Update on potential business models to deploy low carbon hydrogen by the end of 2020
- First projects enter FEED studies end 2020 / early 2021
- Finalise business models within next two years, in line with expected FIDs for projects
- First CCUS clusters operational from mid-2020s
- Committee on Climate Change recommend that UK should be storing at least 10 MtCO<sub>2</sub> p.a. by 2030

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# Gemini System Issues

**Neil Laird**

Xoserve

Technology Operations Director

national**grid**



# Recent Gemini Issues - Executive Summary

- During July and August, the Gemini service to customers has been impacted by 8 issues that have either prevented or degraded performance of the system for customers
- Contingency processes were able to mitigate impact for some, but not all incidents
- These issues have been a mixture of changes related to our Gemini Re-platform into a new Data Centre, technology failures of legacy devices, and operational process issues and are not related (i.e. there is no underlying single root cause to all issues)
- Immediately post Gemini re-platform, Xoserve created a dedicated SWOT & Problem Management team created to ensure full root cause investigation and resolution
- **Full root cause is known and understood for 7 of the 8 incidents**, with the final RCA for the last issue on track to close investigations by the 18<sup>th</sup> of September
- **The enduring root cause fix has been implemented for 7 of 8 incidents**, the timescale to implement the final RCA will be established once investigations conclude on the 18<sup>th</sup>.

# Gemini Issue Summary

Date	Issue	Impact to Customers	Current Status			
			Service Restored	Risk Mitigated	RCA Known	Enduring Fix In place
05/07	Citrix Access & functionality issues (INC1153333)	46 Tickets across 27 Shipper organisations were raised that were unable to access Gemini via Citrix. This impacted their ability to perform their normal activities (i.e. Nominations) and GNCC were contacted to place the nominations.	Y	Y	Y	08/07
06/07	File processing issues (Proactive alert - No ticket raised)	29 tickets raised on this issue. 6 files with processing issues. There was no customer facing impact as manual steps were put in place immediately until the automated fix was implemented.	Y	Y	Y	20/07
14/07	Database corruption (INC1156418)	6 hours 45 minutes of downtime for Gemini, preventing customers from accessing the Service	Y	Y	Y	13/08
23/07	Certificate replacement (INC1163278)	4 hours 23 minutes of intermittent failure of the B2B file transfer to Gemini, resolved for the 17.00 run. No customer impact during the outage as an automated process was put in place to resubmit the flows	Y	Y	Y	27/07
24/07 & 08/09	File store issue (INC1164038 & INC1182455)	Disruption to Gemini. Line Pack, Demand Attribution and Auction process was not completed / published First Outage – 3hrs 48 mins Second Outage – 1hr 43 mins	Y	Y	Y	16/09
28/07	Network issue (INC1166416)	1 hour 51 minutes of disruption/downtime for Gemini & CMS for all external users	Y	Y	Y	30/08
26/08 & 01/09	B2B Gateway Issue (INC1178023 & INC1179970)	Shippers not getting EU Nominations confirmed within the Gemini system and therefore uncertain if their requested quantity is available. First Outage – 3hrs 28 mins. Second Outage – 10 hrs.	Y	N	ETA 18/09	TBC
25/08 & 29/08	IX Network issue (INC1177166 & INC1179270)	All Gemini customers connecting via Citrix over the Vodafone IX network were unable to access the system for a prolonged period although API access was unaffected. First Outage duration – 8hrs 7 mins Second Outage duration- 8hr 38 mins	Y	Y	Y	09/09

# Recent Gemini Issues – Next Steps

- We would like to apologise for any disruption to your business and colleagues during these events. We are completely confident in the efforts that have been put on root cause analysis and that we have understood, and addressed root cause.
- Our SWOT team will remain in place post root cause analysis, seeking to identify pro-actively any potential areas of risk or likely areas of disruption we can mitigate
- For any customers that would like more detail on any or all of the Incidents, what happened, what the root cause was and how it was resolved etc, we are looking at running an open meeting in October to share additional detail and answer any questions that you have
- For further information, or to register your interest to attend a more detailed follow up session in October, please contact your Customer Advocate – all contact details available here:

<https://www.xoserve.com/about-us/your-customer-team/>

# TLS & SSL Change in Spring 2021

## What's happening?

- To maintain the security of our services, in July 2020 we upgraded our Transport Layer Security (TLS) version to 1.2
- We did this because TLS version 1.0, and 1.1 are now outdated security standards and have known security vulnerabilities – to keep us safe we must remove these from our services
- TLS v1.0 will be decommissioned on the 14<sup>th</sup> of February 2021
- TLS v1.1 will be decommissioned on the 14<sup>th</sup> of March 2021

## What happens next?

- Xoserve will issue a change pack with comprehensive details by the end of September 2020
- Please ensure your IT teams are aware of this change and have reviewed the change pack

If you have any questions or require any additional support please contact

[box.xoserve.geminire-platform@xoserve.com](mailto:box.xoserve.geminire-platform@xoserve.com)



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# **Gas Transportation Charging – changes from October 2020**

**Colin Williams**  
Commercial Codes Change  
Manager

**nationalgrid**



# NTS Transportation Charges: Changes being implemented for October 2020

## Overview

- Following on June's Gas Ops Forum, this is a reminder of the changes to Gas Transportation charging following Ofgem's decision on 28 May 2020 to implement UNC0678A with effect from October 2020.
- Ofgem approved UNC 0678A on 28 May 2020 to be effective from October 2020
  - [https://www.ofgem.gov.uk/system/files/docs/2020/05/unc678 - decision 0.pdf](https://www.ofgem.gov.uk/system/files/docs/2020/05/unc678_-_decision_0.pdf)
- With this, the current charging arrangements ends, and the new framework starts at 05:00 on 01 October 2020.
- New framework focuses on Capacity charges to recover Transmission Revenues with a new methodology to calculate capacity reserve prices
- This session brings together an overview of the changes taking place and links to the system changes to facilitate it

# NTS Transportation Charges: Changes being implemented for October 2020

## Overview

- Two types of charges will be effective from 1 October, that will therefore be visible in all invoices issued from November with the ex-post invoicing that takes place.
  - Transmission Services Revenue, which broadly aligns to the Transmission Owner (TO) Revenue, will be recovered by Transmission Services Charges
  - Non-Transmission Services Revenues, which broadly aligns to the System Operator (SO) Revenue, will be recovered by Non-Transmission Services Charges
- A summary of the main charges

Transmission Services	Non-Transmission Services
Entry and Exit Capacity Charges determined by auction or allocation in line with the UNC	St Fergus Compression Charge
Transmission Services Entry and Exit Revenue Recovery charges	NTS Meter Maintenance Charges
	DN Pensions Deficit Charges
	General Non-Transmission Services Charges (Entry and Exit)

# NTS Transportation Charges: Changes being implemented for October 2020

## Changes: Uniform Network Code (UNC) Modification proposal 0678A

- Postage Stamp pricing for Transmission capacity reserve prices (i.e. one Entry and one Exit price irrespective of geographic location) with the payable price changing each year
  - Except for long term Entry capacity booked before 6 April 2017
- All capacity reserve prices the same (annual, daily, etc) except:
  - 10% discount to reserve prices for interruptible / off peak capacity
  - 50% discount to reserve prices for Storage Capacity
- Managing Transmission Revenue Recovery within year via capacity-based charges.
- There is no charging product for managing inefficient bypass (this is being developed separately through UNC0728/A/B/C/D). This arrangement is known as “Shorthaul”.
- Non-Transmission Charges (broadly aligning to SO) recovered via a commodity charge.

# NTS Transportation Charges: Changes being implemented for October 2020

## Publications and updates to charges

- Charges published: <https://www.nationalgrid.com/uk/gas-transmission/charging/transmission-system-charges> under “Final Notices”
  - Final Transmission Services Entry and Exit Capacity Reference and Reserve Prices for Gas Year 20/21.
    - Forecasted Contracted Capacity used to set the reference/reserve prices
  - Final Indicative Non-Transmission Charges for October 2020 including the Transmission Services Revenue Recovery charges and Non-Transmission Services Charges
- Updates beyond October 2020
  - Revenue recovery will be monitored and those charges that could be updated within the year to manage revenue recovery include:
    - Transmission Services Revenue Recovery charges, General Non-Transmission Services Charges (Entry and Exit) and the St. Fergus Compression charge

# NTS Transportation Charges: Managing Inefficient bypass in the charging framework

## Managing Inefficient Bypass

- There is no charging product for managing inefficient bypass (this is being developed separately) effective from 1 October 2020 following implementation of UNC0678A. This arrangement is also known as “Shorthaul”.
  - Current arrangements will end as UNC0678A is implemented for 1 October 2020.
  - Notice has been issued to those impacted.
- National Grid developed a shorthaul charge to work with new charging arrangements.
- UNC Modification 0728 (<https://www.gasgovernance.co.uk/0728>) was raised on 09 June 2020, and along with four alternatives, followed an expedited (“urgent”) UNC change process timetable to conclude the consultation.
- These modifications are with Ofgem for decision. Ofgem announced on 16 July they would carry out an Impact Assessment on these proposals.
- All the proposals offer a capacity discount on a conditional basis and two of the four proposals also offer a discount to General Non-Transmission Charges.

# NTS Transportation Charges: Changes being implemented for October 2020

## Opportunity to join a National Grid Charging Webinar – 28 September 1.30pm

- We recognise this brings several changes to the Gas Transportation charging regime from October 2020. To help bring clarity to what these changes mean to you, we're hosting a webinar that will explore the basics of charging for those interested.
- Join us on this webinar:
  - If you're new to the area and want to know how charging works
  - If you've been doing this a while but would like a refresher
  - If you're keen to understand the reasons for change and to how the October changes will impact charging
- To register please use the following link:
- <https://www.eventbrite.com/e/ngg-charging-webinar-tickets-117399020631>

# Questions and Contact information

## Regulatory changes and new methodology

Email: [box.gsoconsultations@nationalgrid.com](mailto:box.gsoconsultations@nationalgrid.com)

## General charging questions on prices and publications

Email: [box.NTSGasCharges@nationalgrid.com](mailto:box.NTSGasCharges@nationalgrid.com)

## Capacity questions

Email: [capacityauctions@nationalgrid.com](mailto:capacityauctions@nationalgrid.com)



# Gas Market Change – Contact Us

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## Charging Arrangements

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- Amending the Gas Transmission Charging regime to better meet relevant charging objectives and customer/stakeholder provided objectives for Transportation charges
- Colin Williams  
[colin.williams@nationalgrid.com](mailto:colin.williams@nationalgrid.com)  
07785 451776

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## Gas Blending

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- To assess the operational feasibility and regulatory / commercial issues associated with offering gas quality blending services at NTS entry points
- Phil Hobbins  
[philip.hobbins@nationalgrid.com](mailto:philip.hobbins@nationalgrid.com)  
07966 865 623

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## Access Review

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- To review the principles and establish a long-term strategy for the NTS capacity access regime
- Jen Randall  
[jennifer.randall@nationalgrid.com](mailto:jennifer.randall@nationalgrid.com)  
07768 251404

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## Other Queries

- Queries for National Grid Consultations:  
[.box.GSOConsultations@nationalgrid.com](mailto:.box.GSOConsultations@nationalgrid.com)
  - All other queries: [box.OperationalLiaison@nationalgrid.com](mailto:box.OperationalLiaison@nationalgrid.com)
-

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# **Gemini Change Programme**

**Sarah Carrington**  
Comms & Engagement Lead

**nationalgrid**



# 1

## GB Charging Project



nationalgrid





# Overview

UNC Modification 678A 'Amendments to Gas Transmission Charging Regime' are to be implemented for 1st October 2020 in line with Ofgem's decision published 28th May 2020.

Full details of the new regime can be found in UNC Modification 678A and other relevant documents published by the Joint Office.

This update covers the associated **systems impacts** and where they relate to features of the new charging regime.

Joint Office of Gas Transporters

UNC Modification		At what stage is this document in the process?
<b>UNC 0678A:</b> Amendments to Gas Charging Regime (Postage Stamp)	01	Modification
	02	Workshop Report
	03	Draft Identification Report
	04	Final Identification Report
<b>Purpose of Modification:</b> The purpose of this Modification proposal is to amend the Gas Transmission Charging regime in order to better meet the relevant charging objectives and customer/stakeholder provided objectives for Gas Transmission Transportation charges and to deliver compliance with relevant EU codes (notably the EU Tariff Code). The Modification proposes the implementation of Postage Stamp charging methodology.		
	The Proposer recommends that this Modification should be treated as urgent and should proceed as such under a timetable agreed with the Authority.	
	<b>High Impact:</b> All parties that pay NTS Transportation Charges and/or have a connection to the NTS, and National Grid NTS	
	<b>Medium Impact:</b> N/A	
	<b>Low Impact:</b> N/A	

# **Systems impacts to Gemini & UK Link Users**

## **- a reminder**

- **Changes to Charge Types and Invoices**
- **Amended Gemini Screens:**
  - **Bid Information Report**
  - **Capacity and Price Information Report - Entry**
- **New Gemini Screens:**
  - **Users Adjusted Capacity Report – Entry**
  - **Users Adjusted Capacity Report - Exit**

# Changes to Charge Types and Invoices

- New charge types to be added into Gemini and UK Link to align with the Transmission Services and Non Transmission Services charges under UNC0678A
- New charge types will be populated on October invoices which are issued in November
- New records within the existing invoice file formats are detailed in the [Xoserve Change Pack](#) in the section on Gemini Passthrough Invoice File Format Change
- In addition, existing sites that are currently on the NTS Optional Commodity Rate will be end dated for the 30<sup>th</sup> September. Impacted shippers have been notified.
- Full details are in the [Xoserve Change Pack](#) circulated on the 5th June 2020

# Amended Gemini Screens: Bid Information Report & Capacity and Price Info Report

http://localhost:7101/home/common/jsp/index.jsp?CurrentTimeRandHash=0.023545900517119411068718554046&Sm\_User=gemUser5&validAccess=yes

Bid Information

Smell Gas ? Call free on 0800 111 999

Contract Product Trade Deal Constraints Meter Details Nominations OCM Flex Measurements Allocations Invoice IMS Security

Messages-708 User Names:XXX BA: XXX User Role: XXX

GEMINI Environment:GeminiLocal You are here : Home > Deal > Bid Capture Reports > Bid Information > Query Deal

Bid Information

BA Code : XXX BA Abbr. Name : XXX BA Name : XXX

Method of Sale\*: QSEC Transaction Period\*: 01-Oct-2020 to 30-Sep-2025

Product\*: ENTRY CAPACITY FIRM PRIMARY

Location\*: FL

Sub Transaction Period\*: 01-Oct-2020 to 31-Dec-2020

Bid Status\*: All Allocated Expired Price Levels: --All--

Loc	Sub Transaction Period	BA	Bid Capacity (kWh)	Min Qty. (kWh)	Price Level (p/kWh)	Bid Price (p/kWh)	Entitlement (kWh)	Bundled/Unbundled	Entitled Price (p/kWh)	Premium Price (p/kWh)	Status	Reason	Bid ID
EA	01-Oct-2020 to 31-Dec-2020 XXX		22,100,000	100,000	P4	0.0143	N.A.				REJ	Not ...	EA000000000075138
EA	01-Oct-2020 to 31-Dec-2020 XXX		22,100,000	100,000	P3	0.0133	N.A.				REJ	Not ...	EA000000000075137
EA	01-Oct-2020 to 31-Dec-2020 XXX		22,100,000	100,000	P2	0.0132	N.A.				REJ	Not ...	EA000000000075136
EA	01-Oct-2020 to 31-Dec-2020 XXX		22,100,000	100,000	P1	0.0131	N.A.				REJ	Not ...	EA000000000075135
EA	01-Oct-2020 to 31-Dec-2020 XXX		22,100,000	100,000	P0	0.0130	22,100,000	N.A.	13,500.0	0.1000	ALL		EA000000000075134
EA	01-Oct-2020 to 31-Dec-2020 XXX		2,900,000	100,000	P0	0.0130	2,900,000	N.A.	13,500.0	0.1000	ALL		EA0000000000026246
EA	01-Jan-2021 to 31-Mar-2021 XXX		19,500,000	100,000	P20	0.0174	N.A.				REJ	Not ...	EA000000000075175
EA	01-Jan-2021 to 31-Mar-2021 XXX		19,500,000	100,000	P19	0.0173	N.A.				REJ	Not ...	EA0000000000975174
EA	01-Jan-2021 to 31-Mar-2021 XXX		19,500,000	100,000	P18	0.0172	N.A.				REJ	Not ...	EA000000000075173
EA	01-Jan-2021 to 31-Mar-2021 XXX		19,500,000	100,000	P17	0.0171	N.A.				REJ	Not ...	EA000000000075172
			<b>Total: 2,135,104,522</b>	<b>13,500,000</b>			<b>484,604,522</b>						

Generate Report

http://localhost:7101/home/common/jsp/index.jsp?CurrentTimeRandHash=0.023545900517119411068718554046&Sm\_User=gemUser5&validAccess=yes

Capacity Price Information

Smell Gas ? Call free on 0800 111 999

Contract Product Trade Deal Constraints Meter Details Nominations OCM Flex Measurements Allocations Invoice IMS Security

Messages-708 User Names:XXX BA: XXX User Role: XXX

GEMINI Environment:GeminiLocal You are here : Home > Product > Publish Reports > Capacity and Price Information > Query Product

Capacity and Price Information

Product\*: ENTRY CAPACITY FIRM PRIMARY Method of Sale\*: QSEC Transaction Period\*: 01-Oct-2020 to 30-Sep-2025

Location\*: AV

Sub Transaction Period\*: 01-Oct-2020 to 31-Dec-2020

Sub Transaction Period	Price Level	Price (p/kWh)	Premium Price (p/kWh)	Capacity (kWh)	Price (p/kWh)	Premium Price (p/kWh)	Capacity (kWh)	Price (p/kWh)	Premium Price (p/kWh)	Capacity (kWh)	Price (p/kWh)	Premium Price (p/kWh)	Capacity (kWh)
01-Oct-2020 to 31-Dec-2020	P6	0.0015	0.0014	0.0015	0.0014	0.0015	0.0014	0.0015	0.0014	0.0015	0.0014	0.0015	0.0014
01-Oct-2020 to 31-Dec-2020	P5	0.0014	0.0013	0.0014	0.0013	0.0014	0.0013	0.0014	0.0013	0.0014	0.0013	0.0014	0.0013
01-Oct-2020 to 31-Dec-2020	P4	0.0013	0.0012	0.0013	0.0012	0.0013	0.0012	0.0013	0.0012	0.0013	0.0012	0.0013	0.0012
01-Oct-2020 to 31-Dec-2020	P3	0.0012	0.0009	0.0012	0.0009	0.0012	0.0009	0.0012	0.0009	0.0012	0.0009	0.0012	0.0009
01-Oct-2020 to 31-Dec-2020	P2	0.0005	0.0004	0.0005	0.0004	0.0005	0.0004	0.0005	0.0004	0.0005	0.0004	0.0005	0.0004
01-Oct-2020 to 31-Dec-2020	P1	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001
01-Oct-2020 to 31-Dec-2020	P0	0.0001	0.0000	161,370,000	0.0001	0.0000	161,370,000	0.0001	0.0000	161,370,000	0.0001	0.0000	161,370,000

Generate Report

# New Gemini Screens: Users Adjusted Capacity Report – Entry and Exit

View Users Adjusted Capacity Report - Internet Explorer

**GEMINI** Small Gas ? Call free on 0800 111 999  
*All calls are recorded and may be monitored*

Contract Product Trade Deal Constraints Nominations OCM Invoice

Messages-816 User Name: XXX BA: XXX User Role: XXX

**GEMINI** Environment:env353 You are here : Home > Product > Users Adjusted Capacity Report > Query Product

**Users Adjusted Capacity Report**

BA: XXX BA Name: XXX Abbr Name: XXX  
Location: --ALL-- Start Date: 01-Oct-2020 End Date: 01-Oct-2020

BA	Location	Gas Day	Total Entitlement(kWh)	Existing Contracts(kWh)	Users Adjusted Capacity Report (UACR) (kWh)
XXX	Bl	01-Oct-2020	100,000	1,000	99,000
XXX	Bl	01-Oct-2020	100,000	1,000	99,000

Query Clear

Generate Report

**Gemini Exit** Small Gas ? Call free on 0800 111 999  
*All calls are recorded and may be monitored*

Contract Product Publish Deal Constraints Invoice

Messages-4 User Name: XXX BA:XXX User Role:XXX

**Gemini Exit** Environment:env126 You are here : Home > Publish > User Reports > Users Adjusted Capacity Report > Query Publish

**Users Adjusted Capacity Report**

BA: XXX BA Name: XXX Abbr Name: XXX  
Location: --ALL-- Start Date: 01-Oct-2018 End Date: 01-Oct-2018

BA	Location	Gas Day	Total Entitlement(kWh)	Existing Contracts(kWh)	Users Adjusted Capacity Report (UACR) (kWh)
XXX	BACTONINT	01-Oct-2018	0	0	0
XXX	BAGLANBAYS	01-Oct-2018	0	0	0
XXX	HORNSEASTOR	01-Oct-2018	0	0	0
XXX	ICBILLINGHIND	01-Oct-2018	0	0	0
XXX	MOFFATINT	01-Oct-2018	0	0	0
XXX	PALMPARES	01-Oct-2018	0	0	0
XXX	ROUGHSTOR	01-Oct-2018	0	0	0
XXX	SHELLSTARIND	01-Oct-2018	0	0	0
XXX	BACTONINT	01-Oct-2018	0	0	0
XXX	BPRNGMOUTHIND	01-Oct-2018	0	0	0
XXX	ROUGHSTOR	01-Oct-2018	0	0	0
XXX	MOFFATINT	01-Oct-2018	0	0	0
XXX	BACTONINT	01-Oct-2018	0	0	0
XXX	MOFFATINT	01-Oct-2018	0	0	0
XXX	ROUGHSTOR	01-Oct-2018	0	0	0
XXX	BACTONINT	01-Oct-2018	0	0	0
XXX	ROUGHSTOR	01-Oct-2018	0	0	0

Query Clear

Generate Report

Page 1 of 4



# GB Charging Next Steps & Contact Details

**Briefing Pack with further details to be circulated to shipper community after Gas Ops Forum**

Gas System Operator

Regulatory Change Programme

GB Charging UNC0678A Briefing Pack

nationalgrid

nationalgrid

Prepared by:  
Sarah Carrington, National Grid  
September 2020  
Version V0.1

xserve

**Project Mailbox : [box.gasops.businessc@nationalgrid.com](mailto:box.gasops.businessc@nationalgrid.com)**

# 2

## Gemini System Enhancements Project



nationalgrid

# What is the GSE Project?

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

4

Themes

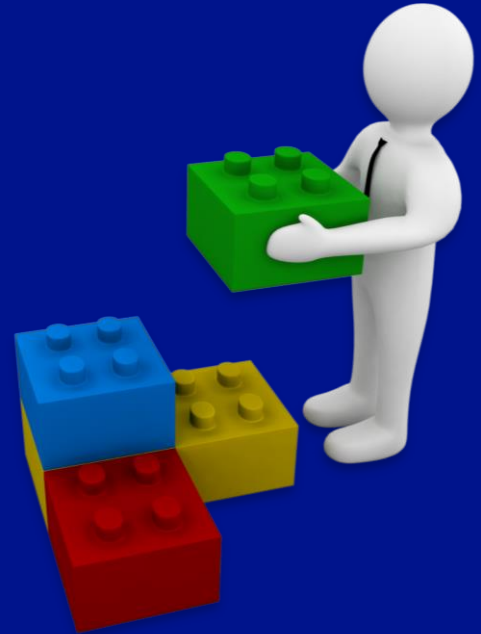
APIs  
Security  
Balancing & Capacity  
Performance

70+

Requirements

Summer  
2021

Go Live

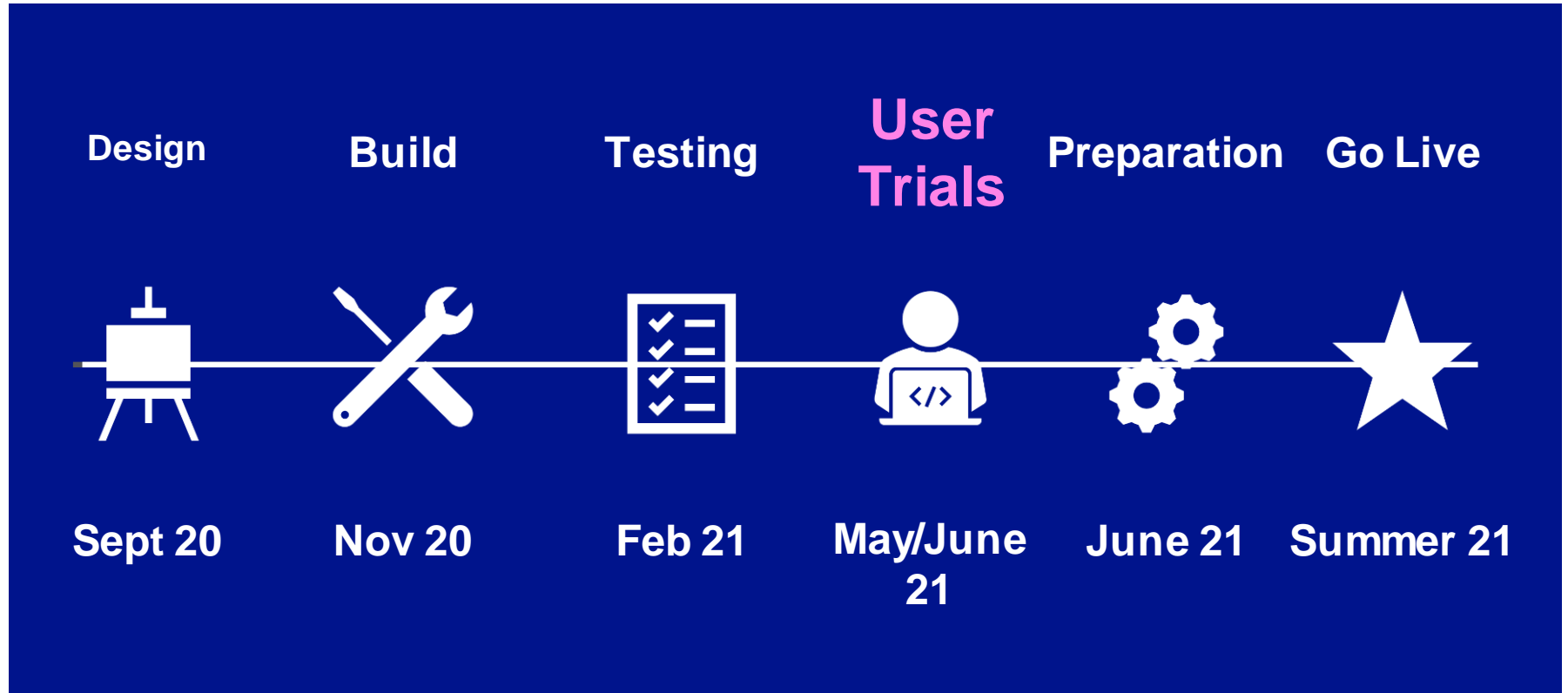


# Thank you

- **Thank you to everyone who participated in the GSE Shipper Requirement Clarification workshops in July**
- There will be a **delivery scope session for the shipper community in October**
- **Opportunity for User Trials in May/June next year**



# GSE Timeline



# GSE Benefits



Improved automation



Improved APIs



Improved usability



# GSE Next Steps & Contact Details

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

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

Hannah Reddy  
Domain Consultant  
[Hannah.Reddy@xoserve.com](mailto:Hannah.Reddy@xoserve.com)

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

**Gas  
Transmission**

# Prevention and process around capacity booking issues

**Alison Tann**  
NTS Capacity Manager

**nationalgrid**





# Context and purpose

- Current working conditions potentially introduce a heightened level of data entry risk. Our companies all rely on processes and controls in place to maintain operations and quality.
- Gemini has existing functionality to help Shippers prevent bidding errors.
- Previous Manifest Error discussions at TWG concluded that there was already sufficient preventative measures available (as above). There was insufficient industry appetite to explore additional measures.
- However, the August invoices contained:
  - an adjustment made following a query raised relating to an error made in March
  - an element of the Capacity charge that is subject to an on-going query raised by a Shipper in August
- The purpose of this session is to:
  - highlight the importance of entering correct capacity auctions data
  - clarify the consequences and process to follow, should an issue occur
  - reiterate the need to use Gemini parameters to mitigate the risk of issues

# Importance of entering correct capacity auctions data

- If bids are entered incorrectly (price / quantity):
  - The amount of capacity allocated across multiple auction participants may be impacted
  - The revenue generated and fed into neutrality calculations may also be impacted
  - Overrun charges may be incorrect for other auction participants
- Gemini will automatically process the bids entered provided the data meets system parameters
  - These parameters are wide and do not provide a safety net
- It is not NG's responsibility to check bids as such GNCC do not validate or check bids prior to processing for reasons of practicality and commerciality
  - Many bids at multiple locations are processed daily (within hourly 15m windows as required by UNC) and Shippers are at liberty to take a competitive pricing position, based on their strategy
- It is each Shipper's responsibility to enter data correctly and check this ahead of submitting bids
  - A "Modify / Withdraw" pop-up window appears with the key information, specifically to prompt a review and allow changes

**Issues can lead to a significant cost for the party involved, and carry a high risk of non-recovery**

# What happens when a Shipper identifies an issue?

- If data is entered incorrectly and spotted prior to the bid window closing, use the “Modify/Withdraw” prompt to make any amendments
  - If system problems are encountered in doing this, contact GNCC immediately.
- If the issue is discovered after the bid window closes, or on receipt of the invoice, please contact [capacityauctions.box@nationalgrid.com](mailto:capacityauctions.box@nationalgrid.com) asap
  - Include the specifics of the incident such as the cause of the issue, and flag (with rationale) if this is to be raised as a dispute.
- A “pay now / dispute later” principle applies to Daily NTS Entry Capacity – the invoice will need to be settled in full and on time
- On receipt of a dispute request, we will investigate the specific circumstances of the case and consult internally
- In the unlikely event that a repayment is authorised
  - The process is complex and lengthy, needing to rework neutrality calculations, multiple participants’ positions, overrun charges etc
  - Invoice adjustments may be necessary which are also time-consuming to process and impact multiple parties

Gas System  
Operator

# Gemini Validation Parameters

For capacity auctions  
data entry

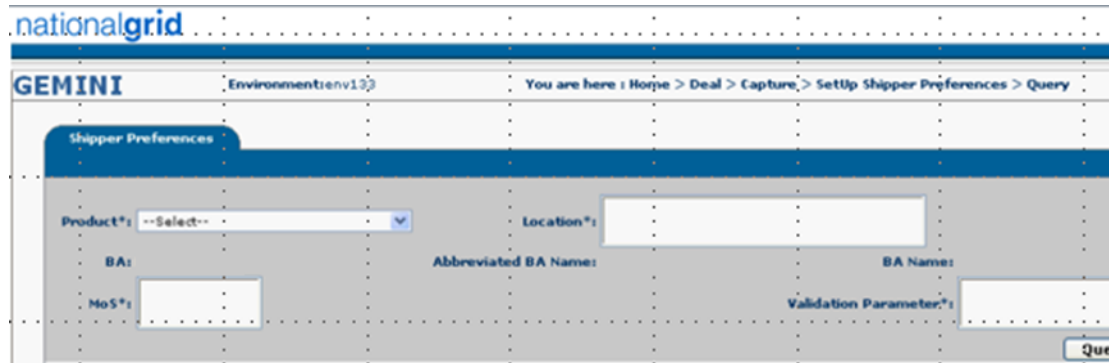
nationalgrid



# Gemini shipper/user preferences - summary

Functionality is available in Gemini that allows users to set validation parameters against certain criteria for **Long Term Application Requests** and **Short Term Auctions** at NTS Entry and Exit Points.

- In Gemini (Entry) this is referred to as **Shipper Preferences**
  - **Home > Deal > Capture > Setup Shipper Preferences**
- In Gemini Exit this is referred to as **User Preferences**
  - **Home > Deal > Capture > Setup User Preferences**



The screenshot displays the 'nationalgrid' logo at the top left. Below it, a blue header bar contains the text 'GEMINI' and 'Environment:env103'. A breadcrumb trail reads 'You are here : Home > Deal > Capture > Setup Shipper Preferences > Query'. The main content area is titled 'Shipper Preferences' and contains several input fields: 'Product\*' with a dropdown menu showing '--Select--', 'Location\*' with a text input field, 'BA:' with a text input field, 'MoS\*' with a text input field, 'Abbreviated BA Name:' with a text input field, and 'BA Name:' with a text input field. A 'Validation Parameter\*:' field is also present. A 'Que' button is visible in the bottom right corner.

# Gemini shipper/user preferences – overview

- Preferences can be set up for each **Product**, **Method of Sale (MoS)**, **Location**, and for each individual **Validation Parameter**.
- Validation Parameters include **Capacity**, **Price** and **Value** (depending on the Method of Sale selected).
- Adding validation for a product/MoS requires users to **add separate validation parameters** for price, capacity and value individually but multiple locations can be selected to save time.
- **Upper** and **Lower Limits** can be set with the validation applying to: **Upper**, **Lower** or **Both**. This will be displayed as **Validation On**.
- Validation Parameters can be **modified** or **queried** at any time once set up.

The screenshot shows the 'User Preferences' section of the Gemini Exit application. The interface includes a navigation bar with 'Contract', 'Product', 'Publish', 'Deal', and 'Constraints' tabs. Below this, there are fields for 'Product\*' (NTS EXIT FLAT CAPACITY OFF-PEAK PRIM), 'Location\*' (SHIPLOC), 'BA Code', 'BA Abb. Name' (SHIPPER Q), and 'BA Name' (SHIPPER Q CO LTD). The 'MoS\*' is set to 'DOMEK' and the 'Validation Parameter\*' is 'CAPACITY'. A table below shows the validation settings for 'DOMEK' at 'SHIPLOC' with a 'CAPACITY' validation parameter, an upper limit of '200,000kWh', and 'Lower Limit' and 'Units' fields.

The screenshot shows the 'Shipper Preferences' section of the nationalgrid GEMINI application. The interface includes a navigation bar with 'GEMINI' and 'Environment:env133'. Below this, there are fields for 'Product\*' (ENTRY CAPACITY FIRM PRIMARY), 'Location\*' (ALDBROUGH STORAGE, AVONMOUTH BOLOFF, AVONMOUTH LIQ), 'BA' (AMESCR1, AMSEC, AMSECR), 'Abbreviated BA Name', and 'BA Name'. The 'Validation Parameter\*' is set to 'CAPACITY', 'PRICE', and 'VALUE'. A table below shows the validation settings for 'ENTRY CAPACITY FIRM PRIMARY' at 'ALDBROUGH STORAGE' with a 'CAPACITY' validation parameter and 'Upper Limit' and 'Lower Limit' fields.

# Gemini shipper/user preferences – process

- To set up Validation Parameters follow these steps -
- **Product** – select this to pre-populate the **Location**, **MoS** and **Validation Parameters**, then select:
- **Location** – you can select a single location or multiple locations;
- **Method of Sale** – select an MoS e.g. for Exit DADNEX for Entry DADSEC;
- **Validation Parameter** – select a validation parameter (lists parameters that can be modified for this particular MoS, these include Price, Capacity and Value (£ value = Price x Capacity)).
- **Query** – displays the validation already associated with the Product/MoS/Location(s). If no validation is present you can Add. If validation is present you can Add and/or Modify parameters.
- **Add** – click on this to display the Validation Parameter e.g. Price. Set the Upper and Lower Limits by typing in the boxes by first selecting **Validation On** for either **Upper/Lower/Both**. Please note that you may need to **click on Query again** to display the parameters if they are not showing.
- **Modify** – allows you to modify each aspect of the validation parameter selected.
- **Save** – saves the parameters that have been added or modified.

# Gemini shipper/user preferences - in use

Once validation parameters have been set up for each Product/MoS/Location, the system will start to validate any requests made when placing values against these products.

*Remember - ensure that Validation Parameters are set up for each Product that you want to use.*

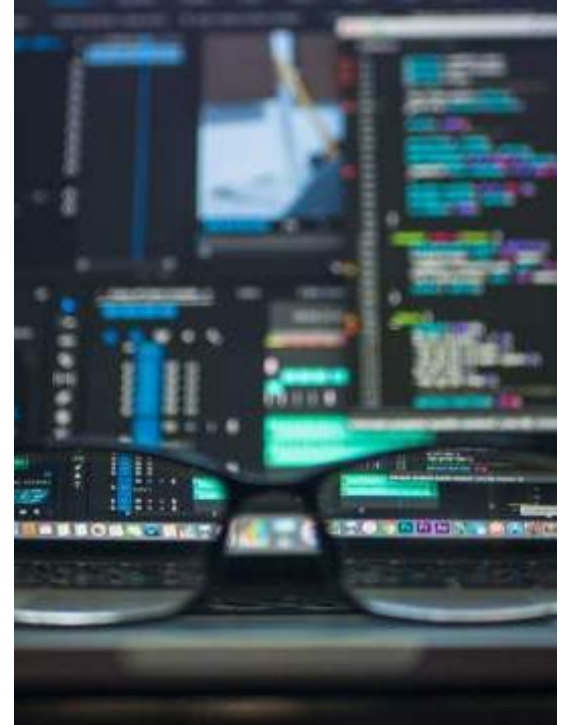
When set up, if your request contravenes any of the validation parameters then the system will automatically generate a message.

**You will then have a choice of either cancelling or proceeding with the request by overriding the message.**

## Further training and reading

The Gemini e-learning module explains how to set parameters – [here](#).

Chapter 3 of the [External System User Guidelines](#) explains the process.





Gas  
Transmission

# Setting up Gemini Validation Parameters – a step by step guide

nationalgrid



# Shipper Preferences – setting up validation

net explorer

raining-south.azurewebsites.net/Entry\_Etraining/GemTrainingNew/Final\_Course/ShipperBuild\_040506/01\_Course\_Content/01\_Flash/01\_Entry\_Simulation/Deal%20Mgmt\_Add%20Shipper%20preference

nationalgrid

GEMINI

Environment:env133

You are here : Home > Deal > Capture > SetUp Shipper Preferences > Query

Deal

## Shipper Preferences

Product\*: --Select--

Location\*:

BA:

Abbreviated BA Name: Shipper 1

BA Name: Shipper Co. Ltd

MoS\*:

Validation Parameter\*:

Query

BA (not shown here),  
Abbreviated BA Name  
and BA Name all pre-  
populate automatically  
or can be selected  
according to your  
holdings.

### Your Task: Add Shipper Preferences.

As part of your responsibilities as a Shipper, you need to add shipper preferences.

**This simulation will show you the step-by-step process of adding shipper preferences.**

You can navigate through the simulation by using the navigation panel below.

Add

Modify

# Shipper Preferences – setting up validation

The screenshot shows the 'Shipper Preferences' page in the GEMINI system. The interface includes the following elements:

- Product\*:** ENTRY CAPACITY FIRM PRIMARY
- Location\*:** A dropdown menu with options: ALDBROUGH STORAGE, AVONMOUTH BOILOFF, AVONMOUTH LNG.
- BA:** Abbreviated BA Name: Shipper 1
- MoS\*:** A dropdown menu with options: AMESCR1, AMSEC, AMSECPRI.
- BA Name:** Shipper Co. Ltd
- Validation Parameter\*:** A dropdown menu with options: CAPACITY, FORWARD BID LIMIT, PRICE.
- Buttons:** Query, Clear, Add, Modify.

Callouts provide the following instructions:

- Multiple Locations can be selected.** (Points to the Location\* dropdown)
- Validation Parameters differ depending on the MoS selected.** (Points to the Validation Parameter\* dropdown)
- To specify the validation parameter as CAPACITY, select the validation parameter from the Validation Parameter\* listbox.** (Points to the Validation Parameter\* dropdown)
- Click on Query then on Add to display the parameters. Note – if the parameters do not show after clicking on Add, you may need to click on Query again.** (Points to the Query and Add buttons)

# Shipper Preferences – setting up validation

Internet Explorer  
http://www.nationalgrid.com/eng/entry-training/GemTrainingNew/Final\_Course/ShipperBuild\_040506/01\_Course\_Content/01\_Flash/01\_Entry\_Simulation/Deal%20Mgmt\_Add%20Shipper%20prefer

nationalgrid

GEMINI Environment:env133 You are here : Home > Deal > Capture > Setup Shipper Preferences > Add Preference Deal

**Add Preferences**

Product\*: ENTRY CAPACITY FIRM PRIMARY Location\*: ALDBROUGH STORAGE  
AVONMOUTH BOILOFF  
AVONMOUTH LNG

BA: Abbreviated BA Name: Shipper 1 BA Name: . Shipper.Co.Ltd ...

MoS\*: AMESCR1  
AMSEC  
AMSECPR Validation Parameter\*: CAPACITY

Query Clear

Upper Limit\*:  Lower Limit\*:  Units: kWh Validation On\*: --Select--

To specify the upper limit as 10000000, click in the Upper Limit\* field and enter the value.

Select **Validation On** before editing values. Choose **Upper**, **Lower** or **Both**.

Save Close

# Shipper Preferences – setting up validation

Internet Explorer  
http://training-south.azurewebsites.net/Entry\_Etraining/GemTrainingNew/Final\_Course/ShipperBuild\_040506/01\_Course\_Content/01\_Flash/01\_Entry\_Simulation/Deal%20Mgmt\_Add%20Shipper%20prefer

**nationalgrid**

**GEMINI** Environment:env133 You are here : Home > Deal > Capture > Setup Shipper Preferences > Add Preference Deal

### Add Preferences

Product\*: ENTRY CAPACITY FIRM PRIMARY Location\*: ALDBROUGH STORAGE  
AVONMOUTH BOILOFF  
AVONMOUTH LNG

BA: AMESCR1 Abbreviated BA Name: Shipper 1 BA Name: Shipper Co. Ltd  
MoS\*: AMSEC Validation Parameter\*: CAPACITY  
AMSECPR

Query Clear

Upper Limit\*: 10,000,000 Lower Limit\*: 100,000 Units: kWh Validation On\*: UPPER LIM1

Save Close

# Shipper Preferences – setting up validation

Internet Explorer  
http://www.nationalgrid.com/eng/south.azurewebsites.net/Entry\_Etraining/GemTrainingNew/Final\_Course/ShipperBuild\_040506/01\_Course\_Content/01\_Flash/01\_Entry\_Simulation/Deal%20Mgmt\_Add%20Shipper%20pref

**nationalgrid**

**GEMINI** Environment:env133 You are here : Home > Deal > Capture > SetUp Shipper Preferences > Query Deal

### Shipper Preferences

Product\*: ENTRY CAPACITY FIRM PRIMARY Location\*: ALDBROUGH STORAGE  
BA: Abbreviated BA Name: Shipper 1 BA Name: Shipper Co. Ltd  
MoS\*: AMESCR1 Validation Parameter\*: CAPACITY  
AMSEC  
AMSECPR FORWARD BID LIMIT  
PRICE

Query Clear

MoS	Location	Validation Parameter	Upper Limit	Lower Limit	Units	Validation On
AMSEC	ALDBROUGH STORAGE	CAPACITY	10,000,000	100,000	kWh	UPPER LIMIT

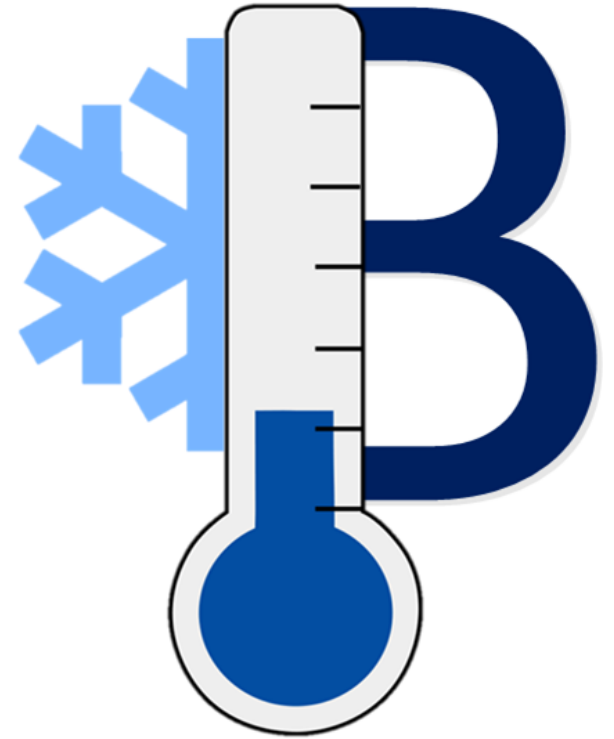
The new shipper preferences record is saved and displayed.

You can Add or Modify your validation parameters at any time.

Add Modify

# NEC Industry Exercise 'Baltic'

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



# Aim and objectives

## Aim:

The aim of this exercise is to demonstrate that the gas industry is prepared and able to meet its obligations in the event of a Network Gas Supply Emergency (NGSE), against a backdrop of social distancing measures being in force



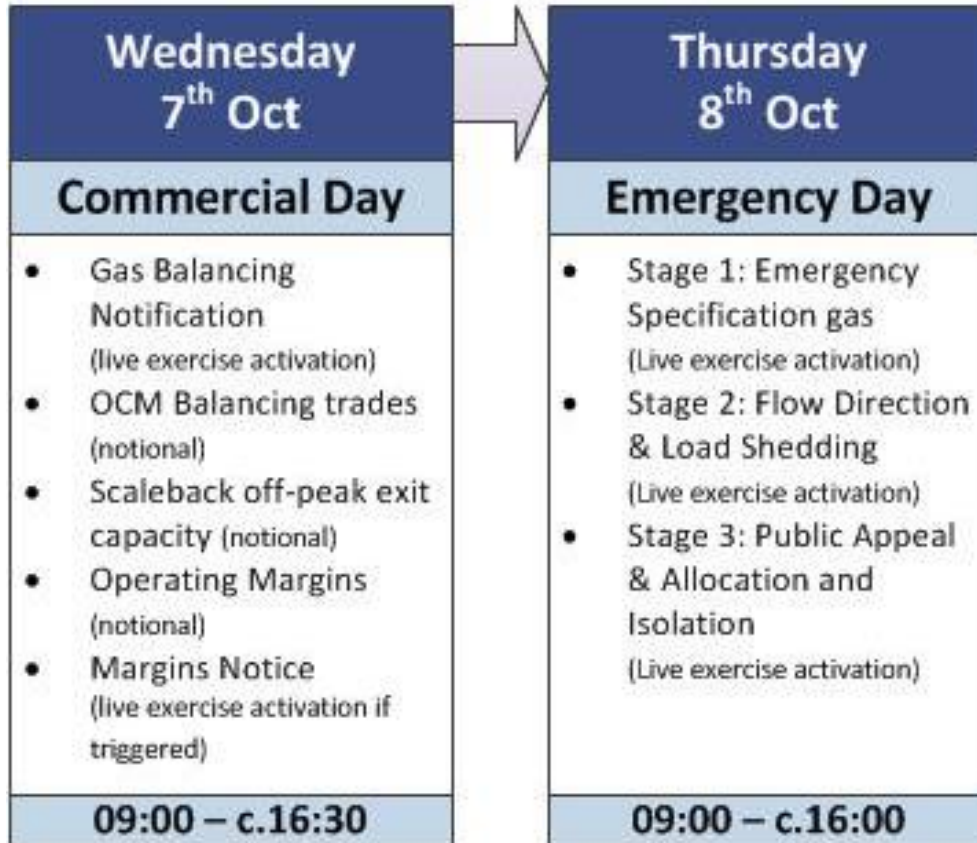


# Aim and objectives

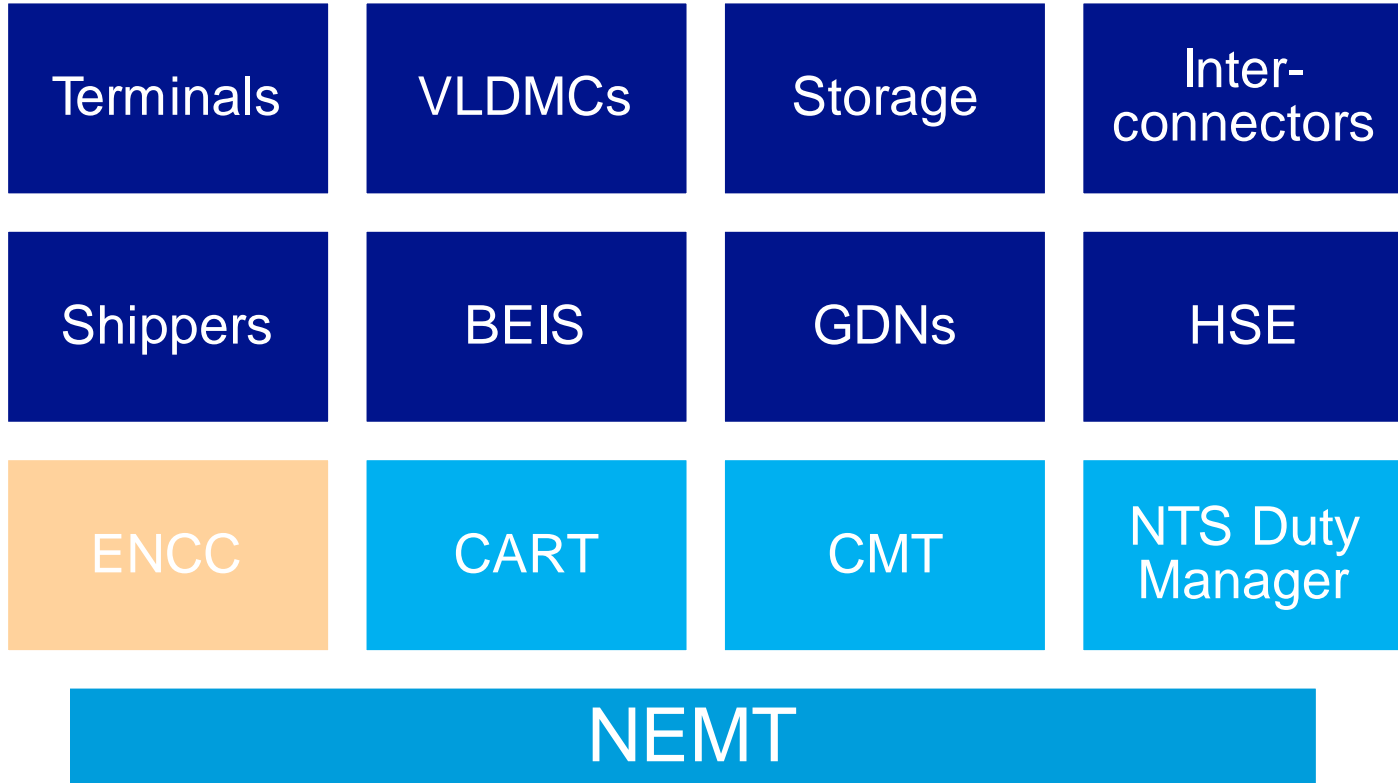
## Objectives:

- Test the ability of industry to respond to an NGSE during a situation where it is unsuitable for responders to travel to a response facility
- Test emergency response communications both operationally (i.e. the activation of the Gas Availability Status Report and GSO to ESO liaison) and publicly through participation of Corporate Affairs representatives
- Practice the response link between the Distribution Network's response teams and National Grid's Network Emergency Management Team
- Validate emergency procedures, specifically E1, National Grid's E3, the E3 documents of the Distribution Networks, and the NEC Safety Case
- Embed, for testing, recommendations from previous industry emergency exercises, including NEC Exercise 'Arctic' (2019) and the series of Critical Transportation Constraint exercises delivered between National Grid and the Distribution Networks in Q1 2020.

# Exercise Baltic - Scope



# Participation



# Exercise Communications

- ANS messages will communicate the commencement, pausing and end of the exercise across the 7<sup>th</sup> & 8<sup>th</sup> October.
  - Start Ex (c.09:00 7<sup>th</sup> October)
  - Pause Ex (c.16:00 7<sup>th</sup> October)
  - Re-Start Ex (c.09:00 8<sup>th</sup> October)
  - End Ex (c.16:00 8<sup>th</sup> October)
- Within the exercise response the following communications shall be made, clearly marked for 'Exercise'.
  - Gas Balancing Notification
  - Margins notice (if scenario data triggers one)
  - Emergency Declaration (and Stage updates)
  - Authorisation to admit G(S(M)R Schedule 3 part 2 Gas
  - Storage/Terminal/LNG Flow Direction Notification
  - GS(M)R Direction Notice (Shipper Information)

# Further information

- The industry briefing notes was issued to all contacts via ANS 21st August:
- Contact the GSO Safety, Response and Assurance Team:
  - [Gasops.emergencyplanning@nationalgrid.com](mailto:Gasops.emergencyplanning@nationalgrid.com)
- Telephone Exercise Control (During Exercise):
  - 07812 461015



Event date:  
Wednesday 7<sup>th</sup> and  
Thursday 8<sup>th</sup> October  
2020



Exercise 'BALTIC' is the Gas Industry's annual Network Gas Supply Emergency (NGSE) Network Emergency Coordinator (NEC) assurance exercise.

Exercise Baltic will focus on NEC communications with all industry participants at stages 1-3 of an emergency and assure that industry participants are aware of their obligations to comply with NEC instructions.

#### Executive Summary

- It is essential for the gas industry to be able to manage an emergency situation safely and effectively, the annual exercise is one of the key ways of demonstrating its preparedness.
- The NEC has a legal requirement to provide assurance that the gas industry can take action to manage and recover from a gas deficit emergency.
- This year, response teams will respond remotely via virtual means.
- Exercise Baltic will utilise live demand data and simulate a series of supply losses to trigger a NGSE.
- Industry notifications shall be tested through the activation of a Gas Balancing Notification (GBN), Margin Notice and Emergency Declarations.
- Exercise Baltic will seek to test communication methods between National Grid's Network Emergency Management Team (NEMT) and all relevant gas industry participants to complete the principle objectives set out in this briefing note.
- The NEC will request a feedback report from all participants involved upon completion of the exercise for use in producing the post exercise report.

**COVID-19:** In light of the unpredictable circumstance surrounding the coronavirus pandemic, this year's exercise will be conducted **remote from tactical (silver) level response facilities**. The Office of the NEC is therefore **not** requesting that participants attend their response centres for the purposes of the exercise, instead to activate their remote response arrangements regardless of the social distancing arrangements in place at the time of the exercise. It is appreciated that operational elements of the response, such as gas terminal control centres, will remain in situ but, we are not requesting participants attend a physical office location if they are able to conduct their response from home, and would be expected to do so during the peak of a pandemic or in the face of extreme severe weather.

Gas  
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# Industry Communications System Changes

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# Industry Communications System Changes

- Our current and Emergency Communications and Active Notification System (ANS), Criticall, is being decommissioned by the supplier.
- FACT24 will replace Criticall from 1st December 2020, following a period of parallel running during October and November.
- FACT24 has a very similar user interface and all current Criticall users and data will be migrated “like for like”.
- Please ensure your details are up to date by Tuesday 29th September.
- From October you will be able to access FACT24 with your current Criticall security credentials  
<https://fact.fact24.com/k2web/login?0>
- We plan to test FACT24 during the upcoming Emergency Exercise “Baltic” on 7th & 8th October.



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Updates

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# Active Notification System (ANS)

## NTS Constraint message review

Martin Cahill  
Operational Liaison Lead

nationalgrid



# NTS Constraints - ANS Message Review

- An internal review of our constraint ANS messages has been completed as part of our winter preparations.
- Following the review our messaging for Locational Energy Actions have been updated and are being shared with you for awareness.
- For Any queries relating to ANS messaging please contact the GNCC team email box account, [box.GNCC.controlroom@nationalgrid.com](mailto:box.GNCC.controlroom@nationalgrid.com)
- ANS messages will be sent to all registered users and displayed on the Prevailing view web page.
  - <http://mip-prd-web.azurewebsites.net/StatusView>

National Grid has a requirement to **buy** locational gas. Shippers are requested to post offers on the OCM locational market at (\*List ASEP/NTS Exit Zones). NTS Exit Zones details can be found on <http://www.nationalgrid.com/uk/industry-information/gas-transmission-system-operations/capacity/constraint-management/>

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National Grid no longer has a requirement to **buy** locational gas.

National Grid no longer has a requirement to **sell** locational gas.

**Gas  
Transmission**

**Gas Quality  
Blending  
Services  
Consultation**

**Phil Hobbins**  
Commercial Codes Change  
Manager

**nationalgrid**



# NGG Gas Quality Blending Services Consultation

We have been exploring the possibility of NGG gas quality blending services at NTS entry points for a while

We have now reached the point where we want to conduct our first formal industry consultation on this topic

We plan to publish the consultation document by 18<sup>th</sup> September 2020 for a two-month period, with a consultation report to follow before Christmas

We will publish the consultation on our website and notify the industry via ENA and Joint Office e-mails

For more information please contact [philip.hobbins@nationalgrid.com](mailto:philip.hobbins@nationalgrid.com) or [rachel.hinsley1@nationalgrid.com](mailto:rachel.hinsley1@nationalgrid.com)



**Gas  
Transmission**

# **National Grid IT Changes**

**Joshua Bates**

Operational Liaison & Business  
Delivery Manager

**nationalgrid**



# National Grid - System Outage

In November last year we told you we needed to make some essential changes to our IT systems. These changes mean we will need to take a series of outages which will have impacts on the way we tell you about PCLP and also the data we display on our operational pages, the impacts being to data on the prevailing view page and within Data item explorer.

The changes we need to make will be done over a series of days, starting on **Saturday 17 October 2020**, with an outage of **6 hours**, commencing in the 16:00hrs hour bar. With a contingency date of **Saturday 31 October 2020** if operationally required.

We also need to take shorter outages on **20 and 22 October 2020** of around **3 hours**, these will be carried out during the same hour bar; 16:00hrs, after publication of the hourly information. With contingency dates of the **3 and 5 November 2020** if operationally required.

During the outages we will make opening linepack, demand & PCLP data available utilising the Active Notification Service (ANS), and we will update Prevailing View with this information too.

If you use electronic notifications to let us know supply and demand information you will be asked to revert to contingency arrangements during these periods, please do not send us electronic files/.emails as these will not be processed.

Missing data will be retrospectively populated and made available.

**Data will be made available during outages through ANS and Prevailing View**

## The following areas will be impacted:

- Electronic Notifications (Supply and Demand profiles submitted to National Grid)
- PCLP Data - Hourly Data
- Forecast Flows - Hourly Data
- Physical Flows - Hourly Data

## Within Data Item Explorer the following will be impacted:

Obligated MIPI reports impacted	Impact During System Outage
NTSAFF-Aggregate Forecast Flows into the NTS	Continues to update with last good value
NTSAPF-Aggregate Physical Flows into the NTS	Total Outage to data - no updates – until System is backed up, next available hour bar will then be published by GNCC
NB92-System Status Information	Total Outage to data - no updates - until System is backed up, next available hour bar will then be published by GNCC
Physical Flows, Bacton IUK Entry	No data updates for duration
Physical Flows, Bacton IUK Exit	No data updates for duration
Physical Flows, Bacton BBL Entry	No data updates for duration
Physical Flows, Moffat Exit	No data updates for duration
GMRS Data	Updates with last good value until a new value is received

**Data will be made available during outages through ANS and Prevailing View**



**Gas  
Transmission**

**Close**

**Joshua Bates**

Operational Liaison & Business  
Delivery Manager

**nationalgrid**



# Next Forum

The Next Operational Forum will take place on the 22<sup>nd</sup> October via WebEx or Teams

Please send any topic requests to:

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

Register now at:

<https://www.eventbrite.co.uk/e/gas-operational-forum-october-2020-tickets-85099778729>

