

Shaping the gas transmission system of the future

We're acting on your feedback

nationalgrid

Welcome to our Acting on your feedback newsletter.

Transparency is important to us and we know how important it is to keep you informed with how we've acted on your feedback.

I'm therefore pleased to share with you the below, which sets out for each of the topics we engaged on during our Shaping the Gas Transmission System of the Future programme, what we've done with your feedback.

As many of you will know, we use these events, kicked off by a [keynote speech](#) from our CEO Jon Butterworth, to test our strategic priorities are still meeting the needs of our customers and stakeholders. I'm pleased to say that you overwhelmingly supported our refreshed set of priorities that looked to simplify our activities (97% said our refreshed priorities continue to meet their needs). You also asked us to share more information about what we were delivering for each of these and how we're performing against them. Look out for future communications where we will set this out.

Please see below for details of how we have responded to your feedback:

Operate safely, reliably and flexibly

	You said	We did
St Fergus Future Operating Strategy	<ol style="list-style-type: none"> 1. St Fergus terminal will continue to play a critical part in GBs energy future 2. There is currently no consensus on future charging and commercial solutions 	<ol style="list-style-type: none"> 1. Continue to engage extensively with stakeholders to build a clear picture of the needs for the terminal 2. Progressing funding discussions via NTSCMF working groups
Bacton Future Operating Strategy	<ol style="list-style-type: none"> 1. The terminal has a significant role to play in the decarbonisation of energy 	<ol style="list-style-type: none"> 1. Engaging extensively, including via the Bacton Energy Hub to understand the potential H2 implications for the terminal 2. Working with Ofgem to develop a submission timeline that will allow all necessary work and additional research to be taken into consideration for the Bacton Future Operating Strategy
Network Capability - ANCAR Watch Again	<ol style="list-style-type: none"> 1. You liked how we articulated the capability of the network 2. Different stakeholders want differing levels of detail 3. Articulating resilience and interzonal flows are still important 4. How will Hydrogen impact the capability of the network? 	<ol style="list-style-type: none"> 1. Continued to use flame charts to articulate the network 2. Developed varying levels of detail so stakeholders can get the level of information they want, including a data book with all the information to recreate the flame charts. 3. Established measures and articulations for resilience and interzonal flows that are being tested with targeted stakeholders. We will share more in our next webinar 4. We will incorporate a more detailed section on how we are approaching the hydrogen adoption complexities in this year's ANCAR
Gas emergency framework Watch Again	<ol style="list-style-type: none"> 1. Please provide a refresher to enhance our understanding of the emergency frameworks process 	<ol style="list-style-type: none"> 1. Held sector specific sessions to run through the emergency framework process and answer any questions
Operating the network Watch Again	<ol style="list-style-type: none"> 1. There is a lot of interest in how the gas system is run, the increasing need for flexibility and the impact hydrogen will have on the system 	<ol style="list-style-type: none"> 1. Continue to run sessions that talk about how the gas transmission system is run including hydrogen implications

Deliver sustainable value for customers and stakeholders

	You said	We did
Innovation Watch Again	<ol style="list-style-type: none"> 1. Make it easy for me to work with you on innovation projects 2. Share your innovations more widely 	<ol style="list-style-type: none"> 1. Growing our innovation team to increase our capability and availability to work with partners 2. Increased dialogue with industrial partners and government, continue to engage via our LinkedIn channel. We've also participated in numerous Strategic Innovation Funding (SIF) webinars
Digital strategy and Information Provision Watch Again	<ol style="list-style-type: none"> 1. Make it easier for me to find and access your data 	<ol style="list-style-type: none"> 1. Published 10 sets of additional data 2. We are looking at how we can improve data discovery i.e. machine readable data, common API standard, searchable data sets and interoperability

To drive positive environmental and community impact

	You said	We did
Managing methane emissions Watch Again	<ol style="list-style-type: none"> 1. Do more to manage your methane emissions 	<ol style="list-style-type: none"> 1. We have brought together a team of experts to develop a programme of work, that could reduce methane emissions significantly whilst improving the accuracy of our data substantially. We have engaged on this and will publish our proposals in the summer.

To invest in our people, grow our capability and value everyone’s contribution

	You said	We did
Understanding skills in a net zero world Watch Again	<ol style="list-style-type: none"> 1. Work with schools to help make energy a more attractive proposition 2. Become more visible with consumers, showing our role in the transition to net zero 	<ol style="list-style-type: none"> 1. We are working with schools to develop a module on h2 that can be taught in schools 2. Developing a broader awareness campaign for gas and h2 and the critical role it plays in the transition to net zero

To shape the gas market of the future

	You said	We did
Net Zero <ul style="list-style-type: none"> • Future of gas • Transitioning to a hydrogen backbone • Supporting regional transitions 	<ol style="list-style-type: none"> 1. 98% agree with the future of gas narrative we shared but there is more clarity required on timings, costs and interplays between fuels 2. Develop regional solutions whilst delivering a national approach 3. Companies are unable to share detailed strategies due to commercial sensitivities 	<ol style="list-style-type: none"> 1. Continue to engage with the whole energy system to understand and map out the energy transition 2. We are implementing regional working groups to understand and progress local area plans whilst feeding into local energy planning activities 3. Set up 1-1’s with NDAs in place to allow us to get detailed information to inform the transition strategy 4. All our engagement is contributing to developing a more detailed roadmap which includes blending activities
Gas Market Plan Watch Again	<ol style="list-style-type: none"> 1. Could you provide additional information to manage the anticipated increased Wobbe range? 2. When determining the rules for long-term future network access arrangements, the impact of Hydrogen needs to be considered 3. The natural gas system and therefore market regime will be required for years to come, we need to ensure it is fit-for-purpose as we transition to a low-carbon gas future 	<ol style="list-style-type: none"> 1. We are launching a GMaP project looking into the additional information that could be provided 2. We are incorporating access arrangements into the Hydrogen GMaP project “Market Principles for shared H2 networks” and also into a future GMaP project which will look at how the natural gas market principles need to evolve in the transition to low carbon gas 3. We have incorporated natural gas as one of our market pillars of the GMaP program and will commence a project on discovering how the natural gas market principles need to evolve in the transition to low carbon gas
FutureGrid Watch Again	<ol style="list-style-type: none"> 1. Please provide more detail around your hydrogen compression and deblanding plans. 2. Can we have more information about the assets you’re planning to reuse and the tests you’re doing on them to ensure they’re safe 3. Around 75% of our attendees had only ‘a bit’ or ‘no knowledge’ of FutureGrid. 	<ol style="list-style-type: none"> 1. Through the Strategic Innovation Fund (SIF), we’ve secured funding to undertake a feasibility study for compression and deblanding. We will keep you updated as we progress 2. We have been building a wider range of materials to give greater detail on each of the assets and what is being tested. We are also in the process of developing a digital model of the facility that will allow you to explore the assets and find out more information 3. We have continued to promote our LinkedIn page and FutureGrid distribution list as key ways to learn more about the project and to hear about upcoming events. These events dive deeper into FutureGrid and the impact of hydrogen on our network to help further inform and give you a chance to ask us questions. In addition, we’ve launched our FutureGrid InDepth blog posts and feature articles where you can hear from our experts on a range of key topics related to FutureGrid.

Gas Transmission sale update

National Grid Group announced the acquisition of a 60% equity stake in our gas business by the consortium comprising Macquarie Asset Management and British Columbia Investment Management Corporation. We’re delighted that the consortium recognise that the gas National Transmission System will play a leading role as a critical enabler of the UK energy transition. Their significant investment will support the expansion of hydrogen’s role in the energy mix to deliver a competitive edge to the UK and its industry, while working with the Government and Ofgem to maintain security of supply. While the transaction has been agreed, we remain part of the National Grid Group until the transaction completes, which we expect will take us to the second half of this calendar year. Steps ahead of completion will include regulatory approval by Ofgem and a review against the National Security and Investment Act.

If you have any questions, please don’t hesitate to get in touch.

Kind Regards
 Jennifer

We are asking for feedback on topics our stakeholders would like to engage on. Have your say [here](#).

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