



Gas Operational Forum May

Meeting Minutes

07 May 2019

nationalgrid

Meeting Summary

Meeting Date: 07/05/2019

Location: Radisson Blu, Warren Street, London

Start Time: 09:30

National Grid and Xoserve Attendees

Company	Name and attendance Y/N		
National Grid	Karen Thompson (KT) N	Jon Davies (JD) Y	Martin Cahill (MC) Y
National Grid	Suki Ferris (SF) Y	Karen Healy (KH) Y	Imran Abdulla (IA) Y
National Grid	Sarah Carrington (SC) Y	Elliott Dunn (ED) Y	Gin Uppal (GU) Y

Meeting Agenda

Agenda Item	Key Points	Action Ref
Operational Overview	<ul style="list-style-type: none">Profile of Demand this summer so far has been broadly similar to the corresponding period last year, but with an increase seen in exportsDemand has been in line with seasonal normal expectationsThere has been a significant proportion of supply provided by LNG, with a reduction in Norway suppliesRequirement for SW compression has been required, with maintenance replanned to account for high flows from Dragon and South HookHave consistently begun April with a heavy PCLP at opening, but both buys and sells have been utilised throughout the month as profiles change during the day	
Gas Future Operability Planning	<ul style="list-style-type: none">Gas demand has declined over recent years, whilst linepack swing has increasedLinepack is managed zonallySouth East has an array of entry and exit points, which can have a lot of variation in their flowsSouth East can be particularly supply or demand heavy on any particular day. This creates the requirement for compression to move gas between regionsImbalance expected to increaseSE analysis is to be replicated across the countryRIIO Network Capability stream will assess any future requirements to ensure customer needs are metAction: provide any feedback on RIIO next steps to Elliott Dunn or Jenny Phillips (Elliott.Dunn@nationalgrid.com, Jenny.Phillips@nationalgrid.com)Can also contact GFOP team directly: Box.GFOP@nationalgrid.com, Karen.Healy@nationalgrid.com	1
Brexit	<p>Key messages:</p> <ul style="list-style-type: none">The Prime Minister continues to believe that we need to leave the EU with a deal as soon as possible, and vitally, the EU has agreed that the extension can be terminated when the Withdrawal Agreement has been ratified.	

- This means if we're able to pass a deal in the first three weeks of May, we will not have to take part in European elections and will officially leave the EU on Saturday 1 June.
- During the course of the extension, the UK will continue to hold full membership rights as well as its obligations.
- Further talks will take place between the Government and the Opposition to seek a way forward.

Customs:

- In the case of a 'no deal' EU exit, the UK will leave the Customs Union on exit day and all goods imports and exports will need to be declared to HMRC. In this context gas is treated as a good.
- Gas pipeline operators are not obligated to be the declarant in customs. A commercial entity can be appointed to act as the declarant of the good.
- LNG terminals receiving gas from the European Union must put the goods through the same customs procedures as any other LNG import from outside the EU currently has to.
- 0% tariffs on gas imports to the UK.
- There are no additional requirements with regards to VAT arrangements relating to natural gas.
- BEIS and HMRC are in discussions with pipeline operators with a view to ensuring day 1 compliance.
- For more details see HMRC docs on gov.uk, notably: Customs procedures if the UK leaves the EU without a deal.
- Market participants are advised to check with the relevant regulatory authorities with regards to the customs requirements of individual EU Member States.

GB EU Charging Project	<ul style="list-style-type: none"> • System Change delivery date is 8th September 2019 • Project will introduce a live Capacity vs Nominations report • Support shown in the room for GEMINI user trials, details will be sent out for these in due course 	2
Hydrogen	<p>Projects National Grid are involved with</p> <ul style="list-style-type: none"> • Feasibility of Hydrogen in the NTS. Led by HSE, this looks at the impact on assets, from blending to full conversion. Results will be published in the next few months • Aberdeen vision: Hydrogen production at St Fergus to supply Aberdeen • Project Cavendish: Using existing Infrastructure at Grain to supply the south east, and engaging with the likes of TfL <p>DN Projects include:</p> <ul style="list-style-type: none"> • SGN- creating a 100% Hydrogen network • NGN- converting Leeds to Hydrogen • Cadent – 20% blend into network at Keele University 	3
Operational data Enhancements	<ul style="list-style-type: none"> • Instantaneous Demand and Post Day trading data long term solutions will be implemented over the next few months • Action: Gas Quality data at blend points to be trialled 	4

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- Other suggestions include pressure, third party, UIG, and lower aggregations of real time demand. Need and value for these would need to be understood in more detail

Summer Outlook

- Summer Outlook report available at:
<https://www.nationalgrideso.com/insights/summer-outlook>
- We are confident that there will be sufficient supply to meet demand over the summer
- Right tools are available to manage operability this summer
- Whole system thinking is becoming increasingly important
- No additional operability challenges as a result of planned departure from the EU

Forum Queries

- **Q: What is the definition of linepack swing used for GFOP**
A: For this purpose, it is the highest linepack in a day minus the lowest (not subtracted from the opening linepack)
 - **Q: What are the blending limits for Hydrogen currently**
A: GSRM set this to 0.1%, however there is work in place looking at changing this by IGEM. The limit in the Netherlands is around 12% and may look at something similar in the UK. Gas Quality review updates can be found here:
<https://www.igem.org.uk/technical-standards/working-groups/gas-quality.aspx>
 - **Q: Is there an industry forum for Hydrogen?**
BEIS run the hydrogen transformation group, whilst National Grid have an internal Hydrogen Hub
 - **Q: To what extent can hydrogen be integrated with natural gas?**
A: Domestic appliances can take up to around 20% hydrogen in the mix, whilst gas power stations would have to change equipment to achieve this. IGEM website includes report on implications of hydrogen on users
 - **Q: Is National Grid looking at Hydrogen for transportation**
A: Project Cavendish is including this, investigating potential for use in buses etc.
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Meeting Actions

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Summary of Actions

Action Reference	Action	Responsible	Expected Closure
1	Any Network Capability RIIO feedback to be provided to Elliott Dunn or Jenny Phillips (Elliott.Dunn@nationalgrid.com , Jenny.Phillips@nationalgrid.com)	Industry	September
2	GEMINI user trials to be provided for	NG	September
3	Breakout session for Hydrogen to be provided at future Operational Forum	NG	June
4	Trial of gas Quality Data	NG	June