

Code Modification Forum

Tuesday, 10th of June 2025

Ashling Hotel, Dublin

Time: 10:30

<u>No.</u>	<u>Item</u>	<u>Duration (minutes)</u>	<u>Time</u>
1.	<i>Review of Minutes from last meeting</i>	5	10:30 - 10:35
2.	<i>Review of Action Items from last meeting</i>	5	10:35 - 10:40
3.	<i>GNI Scheduled Maintenance Update</i>	5	10:40 - 10:45
4.	<i>GNI Update on EU Affairs and Policy</i>	20	10:45 - 11:05
5.	<i>Code Modification Proposal A111 - Amendment to Code of Operations to increase oxygen limit for biomethane entry points on the transmission network</i>	5	11:05 - 11:10
6.	<i>Code Modification Proposal A112 - Amendment to Code of Operations to the existing Supplier of Last Resort clauses to update new options on Capacity Products and revised arrangements around Supplier of Last Resort invoicing</i>	5	11:10 - 11:15
7.	<i>Code Modification Proposal A116 - Removal of Commissioning Tolerances and Tolerances associated with Plant Trips</i>	15	11:15 - 11:30
9.	<i>Status of Code Modification Proposals</i>	5	11:30 - 11:35
10.	<i>Update on Biomethane</i>	10	11:35 - 11:45
11.	<i>Gas and Electricity Interaction</i>	10	11:45 - 11:55
12.	<i>GNI presentation on Hydrogen Developments</i>	30	11:55 - 12:25
13.	<i>GNI presentation on Summer Outlook</i>	20	12:25 - 12:45
14.	<i>GNI update on Incremental Capacity process</i>	5	12:45 - 12:50
14.	<i>AOB Items / Next Meeting / Close of the CMF</i>	5	12:50 - 12:55

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Meeting ID: 377 708 714 55

Passcode: 3p2tJ7WK



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Minutes of Hybrid Meeting – 10 June 2025



1. Introduction

The Transporter opened the meeting and referred to a fourteen item [Agenda](#) and the accompanying [Slide Deck](#).

2. Standing Items

2.1 Approval of Minutes

[Draft CMF Minutes](#) from the 1st of April, were issued on the 30th of April. The Transporter noted that they received no objection on the minutes. There were no comments at the meeting and the Minutes were adopted.

2.2 Review of Action Items

Action item C575 and C603 will remain open, while Action Items C604, C605 and C606 were closed out. In relation to C606 (Transporter to organise a gas quality workshop), the Regulator expressed a view for the gas quality workshop to work that they would need input from Shippers. The Transporter agreed to take an Action Item to contact the EAI ahead of the gas quality workshop about presenting on the day. Action Item C607 was opened by the Transporter. Further Action Item C608 was subsequently opened by the Transporter, more detail of which can be found in Section 8.

2.3 GNI Scheduled Maintenance Update

Kevin O’Keeffe, Southern Regional Operations Manager at the Transporter presented on Planned Maintenance, referring to Slide 8. Mr. O’Keeffe confirmed that the Transporter does not plan to undertake any maintenance activities during this gas year which will interfere with gas flows.

3. Biomethane Update

Stephen O’Riordan, Wholesale Market Manager at the Transporter, provided an update on Biomethane, referring to Slide 23. The Regulator noted that there has been a Biomethane Implementation Group established by the DECC and would expect updates on Biomethane to be given to that forum.

The Regulator also noted that they will shortly be issuing a consultation on the Economic Test, Financial Security and the Regulatory Treatment of CGIs. The Regulator detailed that the consultation might not be published until after Q2 and that they expect the consultation period to last 4-6 weeks.

In response, Mr. O’Riordan noted that the Transporter will be issuing a new iteration of the Business Rules in order to capture changes to the project and they will be issuing code modification proposals in relation to the CGI in the coming months.

The Regulator complimented industry on their engagement in the drafting of the last iteration of the Business Rules and stated that they will consider all responses in their decision making process.

4. Code Modification Proposals

4.1 A111 - Amendment to Code of Operations to increase oxygen limit for biomethane entry points on transmission network.

Yvette Jones, Project Manager at the Transporter, presented an update on Code Modification Proposal A111, referring to Slide 10. In response to Ms. Jones' presentation, the Regulator indicated that from a CRU Wholesale Market Regulatory Team perspective they are ready to approve the code modification proposal, but the Transporter still needs to receive requisite approvals from the CRU Safety Team on their updated safety case submission.

4.2 A112 - Amendment to Code of Operations to Operations to the existing Supplier of Last Resort clauses to update new options on Capacity Products and revised arrangements around Supplier of Last Resort invoicing.

Douglas O'Brien, GPRO Manager at the Transporter, gave an overview of Code Modification Proposal A112, referring to Slide 12. Noting the Regulators ongoing consultation on the review of the Supplier of Last Resort (SOLR), the Regulator queried Mr. O'Brien on whether he believes the outcome of the consultation could drive changes to the code. Mr. O'Brien responded that potentially it could, however he suspects that the changes coming from the consultation will mostly be captured in procedural documents and may not require to be inserted in the Code of Operations. However, Mr. O'Brien emphasised that the Transporter that the main thrust of the current code modification proposal is to cover an event impacting the DM or LDM sector.

4.3 A116 - Removal of Commissioning Tolerances and Tolerances associated with Plant Trips

Kieran Quill, Senior Market Analyst at the Transporter, provided presented on Code Modification Proposal A116, referring to Slide 14. Mr. Quill stated that this proposal is to delete references in the Code of Operations to Commissioning Tolerances and Tolerances associated with plant trips at LDM Offtakes. Neither of which tolerances are now operable on the transportation system. As a result of implementing this modification, GNI will be removing now irrelevant tolerances from its system operation and will be complying with the provisions of the Balancing Gas Regulation (EU) No. 312/2014. The forum agreed a six week industry review period from the meeting date for the code modification proposal.

4.5 Status of Code Modification Proposals

ID	Title	Status	Reason for Status	Status End Date	Next Step
A099	CNG Supply Point Capacity Setting	In abeyance	Awaiting the development of the CNG market and sufficient data to inform the next steps.	TBC	NA
A111	Amendment to Code of Operations to increase oxygen limit for biomethane entry points on the transmission network	CRU Review	Extended hybrid review period has now ended	03/09/2025*	CRU Determination
A112	Amendment to Supplier of Last Resort provisions	Industry Review	Discussions are ongoing with existing SOLR.	TBC	CMF Proposal Report to issue
A116	Removal of Commissioning Tolerances and Tolerances associated with Plant Trips	Industry Review	To formally present the proposed code modification to industry stakeholders.	22/07/2025	CMF Proposal Report to issue

*Provisional status end date for the CRU Review Period, to be reviewed at the next CMF.

5. Other Agenda Items

5.1 GNI presentation on Hydrogen Developments

Wayne Mullins, Technical Manager of the Hydrogen Programme at the Transporter and Barry Gould Hydrogen Regulatory Manager at the Transporter presented an update on Gas Quality referring to Slides 26 – 37. Mr. Mullins and Mr. Gould both received questions on what information channels they are using to reach out to interested parties when doing their analysis. They both agreed to give an update on Hydrogen Blending at the CMF Gas Quality Workshop in October. Action Item C608 was opened by the Transporter. In response to a query from the Regulator they confirmed that they would be engaging with the newly formed National Hydrogen Implementation Team, inputting ongoing research determinations as relevant.

5.2 GNI presentation on the Summer Outlook

Utkarsha Eknath Chavan, Senior Future Networks Engineer, presented on GNIs' Summer Outlook, referring to Slides 39 – 41.

5.3 GNI update on EU Affairs & Policy

Tom Lyons, EU Affairs & Policy Manager at the Transporter, presented an update on EU Affairs and Policy, referring to Slides 18 -21.

5.4 Incremental Capacity process

Kieran Quill, Senior Market Analyst at the Transporter presented an update on the Incremental Capacity Process, referring to Slide 43. Mr. Quill noted that the Transporter will, on 8th July 2025 (the day after the Annual Auctions date of 7th July), issue a notice inviting Expressions of Interest from any interested industry party to facilitate the submission of market demand indication requirements at the Moffat and Gormanston Interconnection Points. The documentation will be issued to the CMF Mailing List and published on the GNI website.

6. Next Meeting/AOB

6.1 NI Gas Network Oxygen Content - Call for Evidence

GNI (UK) along with Mutual Energy will be launching a Call for Evidence (on behalf of NI DfE) later this week. The CfE is requesting views from interested parties on potential changes to the permissible Oxygen limits on the Northern Ireland (“NI”) gas networks. Responses can be completed via,

- this online survey link: <https://www.surveymonkey.com/r/O2CFE> or,
- Completing the attached survey in Word format and emailing it back to OxygenCfE@mutual-energy.com

The deadline for submitting your response is: **17:00 on 30th July 2025**

6.2 Financial Security Survey/Upcoming Meetings

The Shipper Services team recently issued a survey to Shippers on Financial Security. The survey closes on 13 June. We would ask you to remind your Finance/Commercial teams to complete the survey please. Please contact michelle.murphy2@gasnetworks.ie for further details. In response to a Regulator query the Transporter indicated that the Transporter’s purpose in disseminating the questionnaire was to gauge Shipper satisfaction with the existing requirements

The next CMF is a virtual meeting on the 3rd of September 2025.

7. Open CMF Actions

ID	Action	Responsibility	Date Raised	Status
C575	Transporter to furnish required data to CRU in connection with tariff review in relation to Supply Point Capacity Settings	Transporter/ CRU	25/03/2020	Ongoing
C603	Transporter to present an update on Code Modification proposal A112 at GMARG	Transporter	01/04/2025	Ongoing
C604	Transporter to issue notification to market participants requesting that they opt in to the email notification on lower Wobbe Index	Transporter	01/04/2025	Completed
C605	Transporter to provide an update on the Biomethane for Shrinkage project	Transporter	01/04/2025	Completed
C606	Transporter to organise a gas quality workshop	Transporter	01/04/2025	Completed

C607	Transporter to contact the EAI about presenting at the October Gas Quality Workshop	Transporter	10/06/2025	Ongoing
C608	Transporter to give a Hydrogen Blending update at the October Gas Quality Workshop	Transporter	10/06/2025	Ongoing

7. Upcoming Meetings

CMF Dates	Location
12 February	Virtual
1 April	Hybrid (Dublin)
10 June	Hybrid (Dublin)
3 September	Virtual
15 October	Hybrid (Dublin)
3 December	Virtual

Next CMF Meeting


8. Attendees

Name	Organization
Conor Murphy	GNI
Kieran Quill	GNI
Stephen O'Riordan	GNI
Linda McKernan	GNI
Sean Mac An Bhaird	CRU
Anthony Foody	ESB
Wayne Mullins	GNI
Barry Gould	GNI
Utkarsha Eknath Chavan	GNI
Harry Molly	Epuki
Brian McGlinchey	Vermilion
Anthony Dicco	GNI
Ryan O'Connell	GNI
Claire Walsh	Centrica
Stephen O'Hare	GMO
Lenka Peskova	GNI
Yvette Jones	GNI
Martin Regan	Marex
David Grainger	BGE
DJ Kiley	Flogas
Colm Griffin	Energia
Sam Clutterbuck	Ceres
Paul Crowley	GNI
Paul Hoey	Electric Ireland
Therese Lannon Crean	SSE
Kevin O'Keeffe	GNI
Stephen English	GMO
Emma O'Leary	EAI
Tom Lyons	GNI

Brian Leahy

GNI



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Code Modification Forum – Hybrid Meeting

Tuesday, 10 June 2025 – Ashling Hotel, Dublin

Agenda

1. Review of Minutes from last meeting
2. Review of Action Items from the last meeting
3. GNI Scheduled Maintenance Update
4. Code Modification Proposal A111 - Amendment to Code of Operations to increase oxygen limit for biomethane entry points on the transmission network
5. Code Modification Proposal A112 - Amendment to Code of Operations to the existing Supplier of Last Resort clauses to update new options on Capacity Products and revised arrangements around Supplier of Last Resort invoicing
6. Code Modification Proposal A116 - Removal of Tolerances at RNG Entry Points
7. Status of Code Modification Proposals
8. GNI Update on EU Affairs and Policy
9. Update on Biomethane
10. Gas and Electricity Interaction
11. GNI presentation on Hydrogen Developments
12. GNI presentation on Summer Outlook
13. GNI update on Incremental Capacity Process
14. AOB Items / Next Meeting / Close of the CMF

1. Review of minutes from last meeting

- [Draft CMF Minutes](#) from the 1st of April, were issued on the 30th of April.



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2. Review of Open Actions

2. Review of open actions

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2. Review of open actions

ID	Action	Responsibility	Date Raised	Status
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C605	Transporter to provide an update on the Biomethane for Shrinkage project	Transporter	01/04/2025	Ongoing
C606	Transporter to organise a gas quality workshop	Transporter	01/04/2025	Ongoing



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3. Maintenance Days

Kevin O'Keefe – Southern Regional Operations Manager

3. 2025/2026 Maintenance Days

- GNI does not plan to undertake any maintenance activities during this gas year which will interfere with flows however below is a snapshot of the significant works due to be undertaken this year and early 2026.
- All maintenance activities on GNI infrastructure/equipment in relation to the Bellanaboy entry point will be co-ordinated with planned maintenance shutdowns by the Corrib operator.



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4. Code Modification Proposal A111

Amendment to Code of Operations to increase oxygen limit for
biomethane entry points on transmission network

4. Code Modification Proposal A111 - Increasing the oxygen limit for biomethane entry points on the transmission network



Issued and circulated on 15 June 2023

Documents issued with Code Modification Proposal can be found [here](#).

- Explanatory Memorandum
- Proposed Legal Text
- Penspen Report
- Report Analysis Summary

Update

- Upper limit for oxygen is 0.2% for natural gas in Transmission and Distribution Networks
- RNG injected into the distribution network has upper limit of 1%
- Industry review date concluded 1 October 2024.
- Industry submissions to date can be accessed on slides 42 and 43 on the following [Slide Deck](#).
- **Next Steps:** Currently in CRU Review Period.

ID	Title	Status	Reason for Status	Status End Date	Next Step
A111	Amendment to Code of Operations to increase oxygen limit for biomethane entry points on the transmission network	CRU Review	Extended hybrid review period has now ended	03/09/2025*	CRU Determination

*Provisional status end date for the CRU Review Period, to be reviewed at the next CMF.



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5. Code Modification Proposal A112

Amendment to Code of Operations to the existing Supplier of Last Resort clauses to update new options on Capacity Products and revised arrangements around Supplier of Last Resort invoicing

5. Code Modification Proposal A112 – Supplier of Last Resort

Four SoLR documents previously issued at Code Mod Forum can be found [here](#).

Per Code Mod request, GNI will provide an SoLR update to the June GMARG forum

Drafting revisions around;- A mid-month SoLR event impacting the DM/LDM Sectors, Issues for GPRNs with a different Supplier/Shipper and Minor drafting revisions that GNI agrees with (definitions/communications obligations on exiting Supplier).

GNI has engaged with both the CRU and BGE (as SoLR) on these revisions, next steps;

- GNI to agree exact structure/drafting with BGE
- CRU to consider approval of concept
- Revised legal drafting
- Re-issue to Code Mod for formal approval

Next Steps: GNI continues to engage with BGE on their SoLR comments around the Failed Supplier obligations, Entry arrangements, “SoLR affected Shippers” and GNI reporting. Note the CRU currently has a Review of the Supplier of Last Resort Framework Consultation (**Submissions due by Thursday, 10th July 2025**).

ID	Title	Status	Reason for Status	Status End Date	Next Step
A112	Amendment to Supplier of Last Resort provisions	Industry Review	Discussions are ongoing with existing SOLR.	TBC	CRU Determination



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6. Code Modification Proposal A116

Removal of Commissioning Tolerances and Tolerances associated with
Plant Trips

6. Code Modification Proposal A116 - Removal of Commissioning Tolerances and Tolerances associated with Plant Trips

Issued and circulated on 8 May 2025

Documents issued with Code Modification Proposal can be found [here](#).

- Code Modification Proposal
- Explanatory Memorandum
- Proposed Legal Text

Update:

- This modification proposal is to delete references in the Code of Operations to Commissioning Tolerances and Tolerances associated with plant trips at LDM Offtakes. Neither of which tolerances are now operable on the transportation system.
- As a result of implementing this modification, GNI will be removing now irrelevant tolerances from its system operation and will be complying with the provisions of the Balancing Gas Regulation (EU) No. 312/2014.
- **Next Steps:** GNI are proposing a 6 week industry review period for this proposed code modification.

ID	Title	Status	Reason for Status	Status End Date	Next Step
A116	Removal of Commissioning Tolerances and Tolerances associated with Plant Trips	Presented to the CMF	To formally present the proposed code modification to industry stakeholders.	22/07/2025*	CRU Review

*Provisional status end date suggested to the CMF



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7. Status of Code Modification Proposals

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A112	Amendment to Supplier of Last Resort provisions	Industry Review	Discussions are ongoing with existing SOLR.	TBC	CMF Proposal Report to issue
A116	Removal of Commissioning Tolerances and Tolerances associated with Plant Trips	Presented to the CMF	To formally present the proposed code modification to industry stakeholders.	22/07/2025**	CRU Review

*Provisional status end date for the CRU Review Period, to be reviewed at the next CMF.

** *Provisional status end date suggested to the CMF



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8. GNI update on EU Affairs & Policy

Tom Lyons – EU Affairs & National Policy Manager

EU Clean Industrial Deal (CID) – State of Play

- The core pillar of **the EU Competitiveness Compass** (Feb 2025) as the EC’s strategic roadmap for 2024–2029.
- Strategy to **accelerate decarbonisation** while **boosting competitiveness**. Targeted at energy-intensive and clean-tech industries in particular.
- Focus on **high energy costs, global competition**, and the **need for regulatory simplification**.

Current engagement

Quarter*	Initiative	Description
Q2 2025	State Aid Framework	Simplified rules to support clean tech & industrial decarbonization.
Q2 2025	Gas Storage Regulation	Proposals for a two-year extension to maintain energy security and market stability.
Q2 2025	REPowerEU	EC roadmap to ending Russian energy imports. Legislative proposals to follow.
Q2 2025	European Grids Package	EC consultation launched, aiming to expand energy infrastructure, with a focus on TEN-E.

Watching brief

Quarter*	Initiative	Description
Q2 2025	Network Charges Recommendation	Guidance on fair and efficient tariffs.
Q4 2025	Industrial Decarbonisation Accelerator Act	Permitting reform and clean product labelling.
Q4 2025	Energy Taxation Recommendation	Revised guidance to support clean transition.
Q4 2026	Circular Economy Act & Green VAT	Legislative push for sustainable production.

Note: *indicative timelines – subject to change

Madrid Forum (April) – AGENDA

38th MEETING OF THE EUROPEAN GAS REGULATORY FORUM 25-26 April 2024

Host: Comisión Nacional de los Mercados y la Competencia (CNMC)
Location: Alcalá 47, 28014 Madrid

Day 1, 25 April 2024

Welcome Coffee 12:00 – 13:00

1 **Opening address** 13:00 – 13:30

- 1.1 Opening address from the Commission
- 1.2 Opening address from the Council Presidency
- 1.3 Opening address from the CNMC

2 **Policy update by Chair** 13:30 – 14:30

- 2.1 Update from the Commission on the latest policy developments

Discussion – 30'

3 **Improving market functioning in the Energy Community** 14:30 – 15:00

- 3.1 Update – Energy Community Secretariat

Discussion – 15'

Coffee Break 15:00 – 15:40

4 **Hydrogen and Decarbonised Gas Package – Update on Hydrogen** 15:40 – 17:00

This session will introduce the EU legislation for hydrogen as adopted in the Gas Directive and Gas Regulation. The aim is to provide clarity on the legal framework and discuss the implications for the participants.

- 4.1 Introduction by the Commission
- 4.2 ACER

Discussion – 45'

5 **REMIT 2.0 update** 17:00 – 17:45

This session will focus on the implementation of REMIT 2.0 and follow-up actions, including delegated and implementing acts, planned by the Commission.

- 5.1 Introduction by the Commission
- 5.2 ACER

Discussion – 20'

Closing of Day 1 17:45 – 18:00

Day 2, 26 April 2024

6 **Hydrogen and Decarbonised Gas Package – Next steps on Natural Gas** 09:00 – 10:15

This session will focus on the provisions of the Gas Package that are relevant for the gas wholesale market and on the most imminent actions required following its adoption. This includes the revision of implementing legislation, but also reports and other deliverables. Stakeholders are invited to indicate where they see the priorities as regards next steps.

- 6.1 Introduction by the Commission
- 6.2 Energy Traders Europe
- 6.3 ENTSG

Discussion – 45'

Coffee Break 10:15 – 10:55

7 **CAM and CMP Amendment process revision** 10:55 – 12:00

This session will focus on the prospective amendments to the Capacity Allocation Mechanisms network code and Congestion Management Procedure guidelines. Participants will be provided with insights and updates on the content, process and timing of the revision, and invited to provide their views.

- 7.1 Introduction by the Commission
- 7.2 ACER
- 7.3 ENTSG
- 7.4 Energy Traders Europe

Discussion – 20'

8 **State of the Gas Market** 12:00 – 13:15

This session will take stock of the situation the gas market finds itself in following the crisis. During the crisis markets have reoriented themselves significantly. This was reflected by increased spreads and congestion, especially in some parts of Europe. The session will discuss in how far the market has recovered, the role of gas storage and whether there is a risk of market fragmentation.

- 8.1 Introduction by the Commission
- 8.2 ACER/CEER
- 8.3 Energy Traders Europe
- 8.4 Florence School of Regulation (FSR)

Discussion – 35'

Buffet Lunch 13:15 – 14:45

9 **LNG Studies** 14:45 – 15:45

This session will focus on regulatory framework for LNG and decarbonisation scenarios; analysis on the state of play and discussion regarding the need for any regulatory actions/adaptations.

- 9.1 Introduction by the Commission
- 9.2 ACER
- 9.3 CEER
- 9.4 GIE/GLE

Discussion – 20'

Cocktail 15:45 – 16:30

Conclusions of the Forum 16:30 – 17:30

End of the meeting

EU Policy / Regulatory Update

Gas & Hydrogen Market Package (GHP) (July 2024) / European Network of Network Operators for Hydrogen (ENNOH)

- The **EU hydrogen and gas decarbonisation package (GHP)** updates the rules on the EU natural gas market.
- The Package consists of Directive (EU) 2024/1788 and Regulation (EU) 2024/1789. The Directive is to be transposed by 5th August 2026 and the Regulation has been fully applicable since 5th February 2025.
- GNI continue to engage with stakeholders and plan for implementation of Directive (EU) 2024/1788 pending **national transposition**.
- GNI continues to participate in the **establishment of ENNOH**. EC opinion on ENNOH draft statutes issued in April, re-affirming previous ACER opinion on requirement for full ENNOH membership, whereby prospective HNOs **must have commenced the HNO certification process**.
 - A revised set of statutory documents will now be submitted to ACER and the EC, pending approval at pre-ENNOH General Assembly in June.
 - Despite the recent EC decision, and potential associated delay in legal establishment of ENNOH, ACER have committed to engage immediately with pre-ENNOH on **network code development**.

European Commission EU Competitiveness Compass - EC's work for 2024-2029 term with a focus on 'competitiveness' and 'affordability'.

Publication of [European Grids Package](#)

- Aimed at **modernising and expanding Europe's energy grid infrastructure** to support the **clean energy transition**.
- **Focus on electricity**, and also **covers hydrogen/other infrastructure categories included in the framework for trans-European (TEN-E)** i.e. seeks feedback on the performance of the revised Trans-European Networks for Energy (TEN-E) Regulation and related permitting frameworks
- The initiative is expected to enhance **energy system efficiency, affordability, and security**, while also **supporting decarbonisation goals and industrial competitiveness**.

Methane Emissions Reduction Regulation (July 2024) [Methane emissions - European Commission](#)

The Regulation was published in OJEU on 15th July 2024 and entered into force on 4th August. The Regulation introduces obligations including:

- Minimum leak survey intervals along with mandated minimum time for leak repairs;
- Accurate quantification and reporting on methane emissions; and
- Avoidable venting and flaring of natural gas to be prohibited.
- **Awaiting appointment of the competent authority.**

Policy / Regulatory Update

CRU's National Energy Demand Strategy (NEDS) (July 2024)

- The second NEDS progress report is expected to be published shortly by the CRU. GNI are leading four actions and are a Supporting Body on a further four actions.
- GNI are also a member of the NEDS Implementation Group, tasked with overseeing progress of the NEDS.
- The CRU published its proposed decision on the Review of Large Energy Users (LEU) Connection Policy in February 2025, and does not propose any changes to the gas connections policy. GNI continue to engage with CRU and DECC on this matter.

Ireland's National Biomethane Strategy (May 2024) / Renewable Heat Obligation (TBC)

- Two support mechanisms chosen in National Biomethane Strategy: Renewable Heat Obligation (RHO) and Capital Grant Support.
- The final high-level design of the RHO is still being developed, with the key issue of the treatment of indigenously produced biomethane outstanding. The EU Commission is now seeking further information from DECC to demonstrate how the proposed multiplier mechanism will not interfere with EU cross-boarder trade.
- The Support Scheme for Renewable Heat (SSRH) is undergoing a review this year. DECC are currently consulting ([link here](#)) on the potential expansion of operational aid supports.

Energy Security in Ireland to 2023 (November 2023)

- Following the approval by Government in March 2025, for GNI to progress the development of a State-led strategic gas emergency reserve, GNI are progressing the development of the project as a matter of priority.
- GNI and DECC are progressing engagement on other actions under the Energy Security Package, including Actions 15, 17, 22 and 24, and GNI sit on the Energy Security Group established under Action 28.

Ireland's National Hydrogen Strategy (July 2023)

- 21 Actions identified in the Strategy.
- GNI continue to engage with DECC in development of the Implementation Plan. It is expected that the Hydrogen Task Force will be mobilised shortly to oversee delivery of the Implementation Plan. The task force and will consist of eight working groups. GNI will participate at task force and at working group level.

DECC/DETE Taskforce on Carbon Capture Utilisation and Storage (CCUS) (March 2025)

- New CCUS taskforce established to facilitate the allocation of additional emission savings using CCUS for CAP 26 and to assist in the design of a policy position to realise those savings.
- DETE and DECC co-chairing the taskforce. GNI invited to participate. Output report due August 25.



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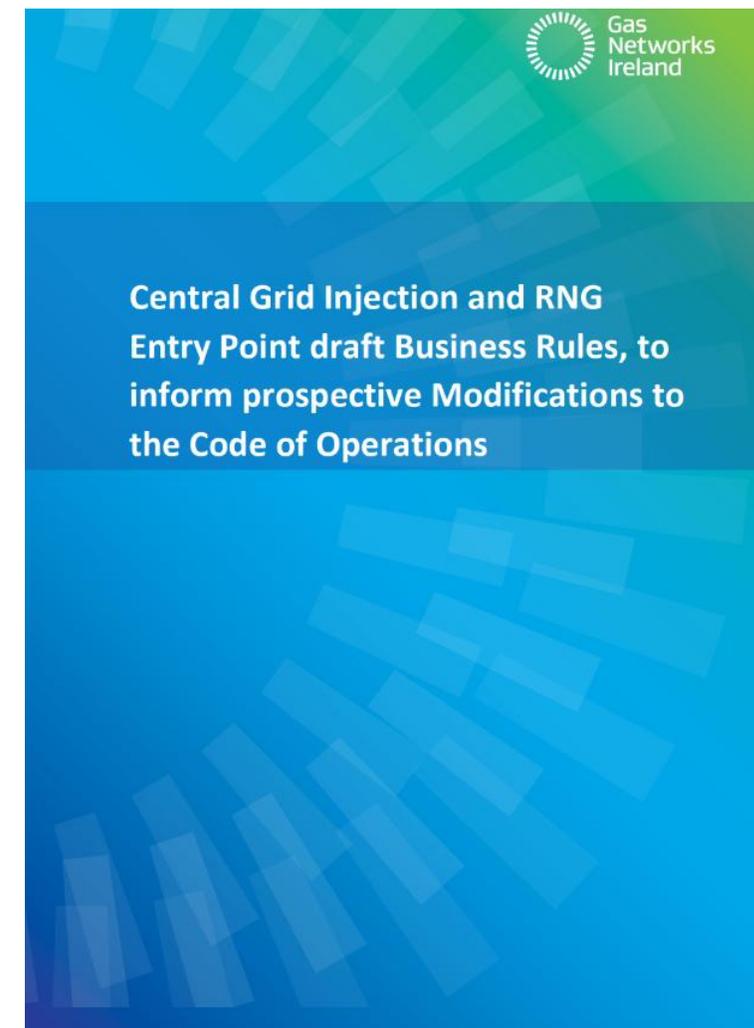
9. Update on Biomethane

Stephen O'Riordan – Wholesale Market Manager

Business Rules and Code Modifications process

- The [Central Grid Injection and RNG Entry Point draft Business Rules](#) were issued for industry review on the **7th of August 2024**, and formally introduced at the Code Mod Forum, on the **4th of September 2024**.
- Industry review closed on the **13th of November 2024**, with three responses received.
- CRU will issue consultation on the CGI proposals, along with proposed changes to the GNI Connection Policy re: Economic Test and Financial Security.
- Following the conclusion of the consultation process, **updated Business Rules***, **Code Modification proposals** and **Code Legal drafting** will be developed.
- The entire pack will be issued for **Code Mod Industry review in Q4** and then for **CRU review** in due course to approve Code Modifications.

*** The Business Rules are to support understanding of the Code Modifications proposals and have now standing apart from this – i.e. the finalized Code Modifications will prevail.**





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10. Gas and Electricity interaction

David Flanagan / Alexandra Murphy / Emma O'Leary – Electricity Association of Ireland



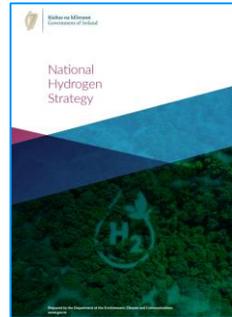
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11. GNI presentation on Hydrogen Developments

Wayne Mullins – Technical Manager Hydrogen Programme

Barry Gould – Regulatory Manager Hydrogen

Strategic context for GNI's hydrogen journey



Ireland

National hydrogen strategy
July 2023



European Union (EU)

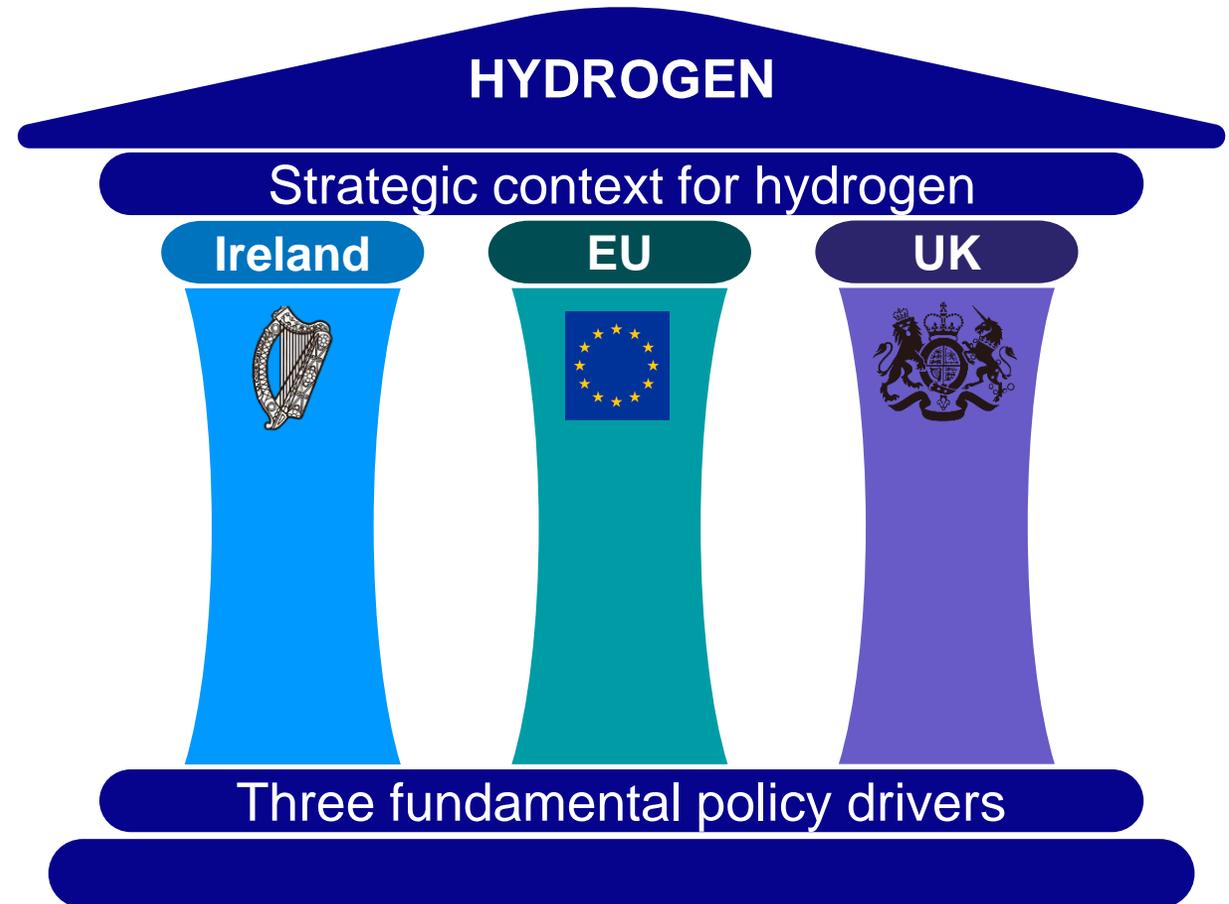
Gas & hydrogen package
May 2024

REPowerEU
May 2022



United Kingdom (UK)

UK hydrogen strategy
August 2021



Development of ENNOH



- GNI are actively involved in the establishment of European Network of Network Operators for Hydrogen (ENNOH).
- Pre-ENNOH formally established in December 2024, GNI are represented on its Board.
- ENNOH Working Groups have commenced, with GNI represented on 3 so far.
- Legal texts on ENNOH's draft statutes reviewed by ACER and DG ENER.
 - Opinion that a “letter of intent” approach for HNO certification is not sufficient to be eligible to become a full member and instead the certification process must have commenced to be a full ENNOH member.
- C.5 HNOs across Europe would be able to meet this requirement for planned Q3 2025 ENNOH establishment date
- ENNOH now expected to be formally established in H2 2026.
- ENNOH's duties and responsibilities will entail;
 - ensuring “optimal management of the Union hydrogen network and to allow trading and supplying hydrogen across borders in the Union”;
 - production of a biannual EU ten-year network development plan for hydrogen from 2027 onwards (TYNDP 2028 onwards). (ENTSOG and ENNOH jointly responsible for TYNDP 2026.);
 - development of the network codes for hydrogen;
 - cooperating closely with ENTSOE, ENTSOG and the new EU DSO entity on identifying synergies and on fostering system integration across energy carriers in order to facilitate overall energy system efficiency through network planning and operations;
 - creating new transparency requirements for both gas and hydrogen; and
 - promoting cybersecurity infrastructure for hydrogen networks.

- Regular engagement sessions held between GNI and National Gas every 6 weeks, covering both blending and Project Union (100%)
 - Significant work ongoing in GB to test compatibility of existing gas networks for hydrogen injection with positive results to date
 - A Memorandum of Understanding between GNI and National Gas is due to be completed soon to formalise collaborations.
 - Scope not limited to just hydrogen interactions
- Blending
 - National Gas have signalled they are aligning to 2% blends per EU for 2028
 - Safety cases sought for blends <5% and 20% as potential mitigation to an “ambitious” DESNZ blending decision
 - DESNZ consultation expected in Q3 to inform GB transmission blending decision.

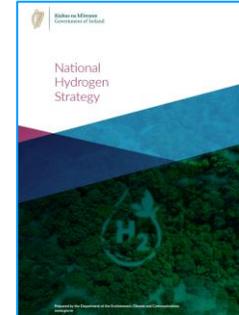
National hydrogen strategy

- **NATIONAL VISION**

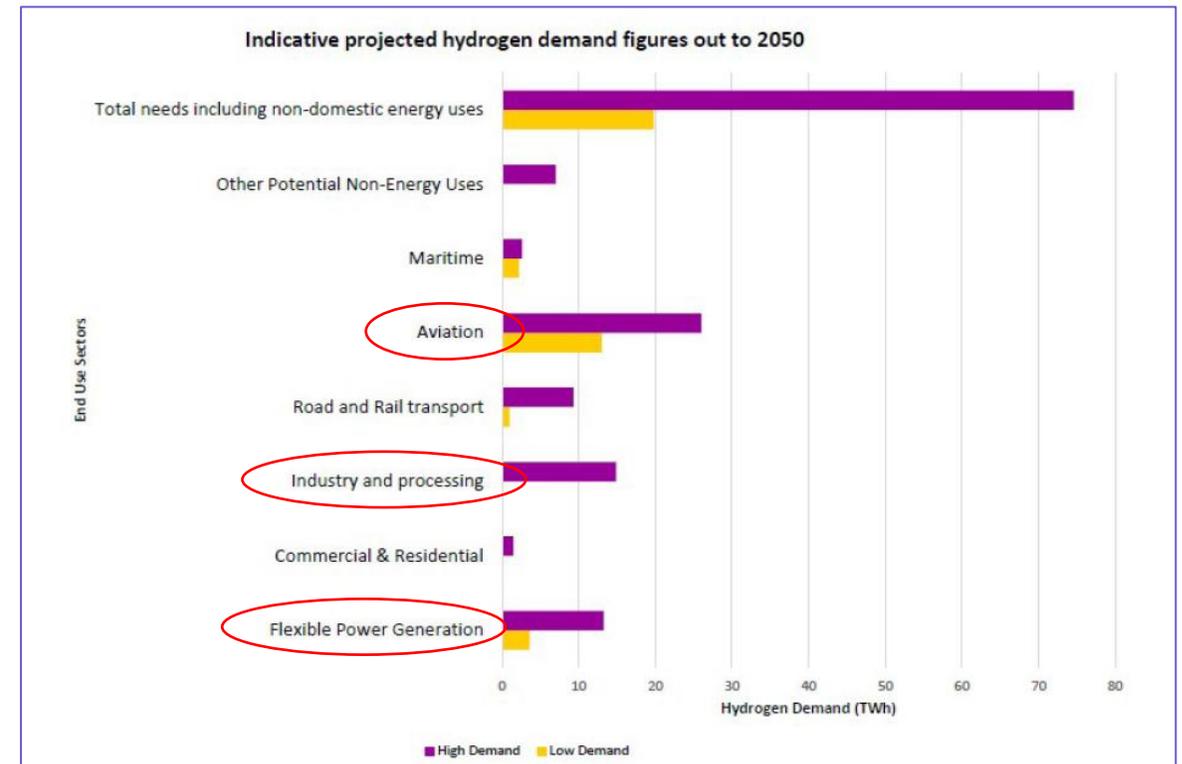
- Significant role for indigenously produced renewable hydrogen
- Ireland has the potential to produce renewable hydrogen more than our own needs in the long-term
- Prior to 2030, hydrogen will be produced from grid connected electrolysis from surplus renewables

- **NATIONAL TARGET**

- 2 GW target of non-grid connected offshore wind, with potential for renewable hydrogen production, to be in development by 2030



Sector	Timelines
Existing hydrogen uses	2025-2030
Flexible power generation & energy storage	2030-2035
Integrated energy parks (back up)	2025-2030
Industrial heat and processing	2030-2035
Aviation (alternative to jet fuel)	2035-2040
Maritime (shipping)	2035-2040
Road/rail transport (heavy duty)	2025 – 2030
New uses e.g. fertiliser production	N/A
Exports	2035-2040
Blending	2025-2030
Commercial and residential heating	2035-2040



Developing a network transition plan for Ireland

Biomethane

How to effectively ramp up biomethane production to reduce dependency on natural gas considering necessary infrastructure required to facilitate supply and demand

Hydrogen

Need to establish and initialise hydrogen customers and end users to facilitate hydrogen economy and utilisation of the gas network



Energy transition

Understand how existing end users can transition from natural gas to hydrogen, or to alternative energy solutions such as electric heating

End use

Who will our future customers be across natural gas, biomethane and ultimately hydrogen – Will they be ready for this transitional change?

Energy security

Prioritise the need to maintain energy security through the transition across indigenous production, import and future gas sources

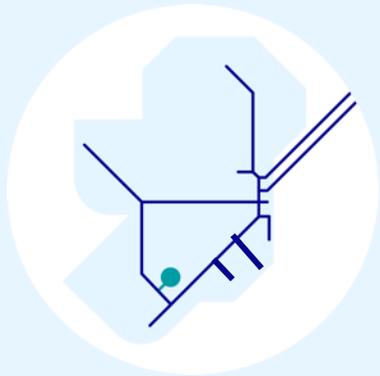
A pathway to decarbonisation

- Natural gas pipeline
- Hydrogen pipeline
- Biomethane pipeline
- ⋯ Hydrogen pipelines under construction

- ⊙ Hydrogen cluster
 - Biomethane central grid injection point
- Direct biomethane and hydrogen connections not included

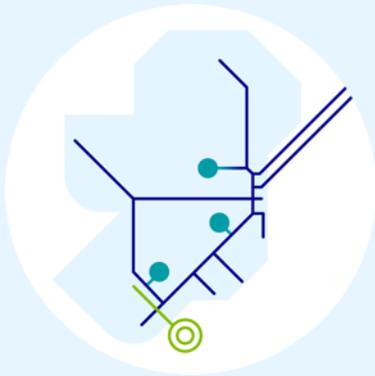
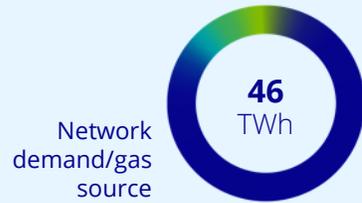


Foundation Now – end 2027



By end-2027

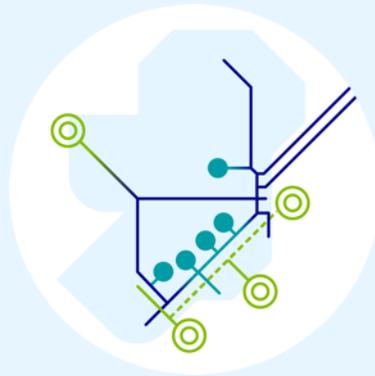
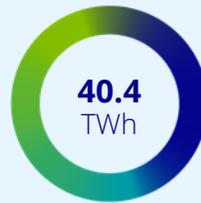
Development 2028 – 2032



By end-2032

Repositioning 2033 - 2040

Phase 1
2033 - 2036
Network demand/gas source



By end-2036

Phase 2
2037 - 2040
Network demand/gas source



By end-2040

Net zero carbon network by 2045

Conversion 2041 – 2045

Parallel H₂ and biomethane networks



By end-2045



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Hydrogen technical progression

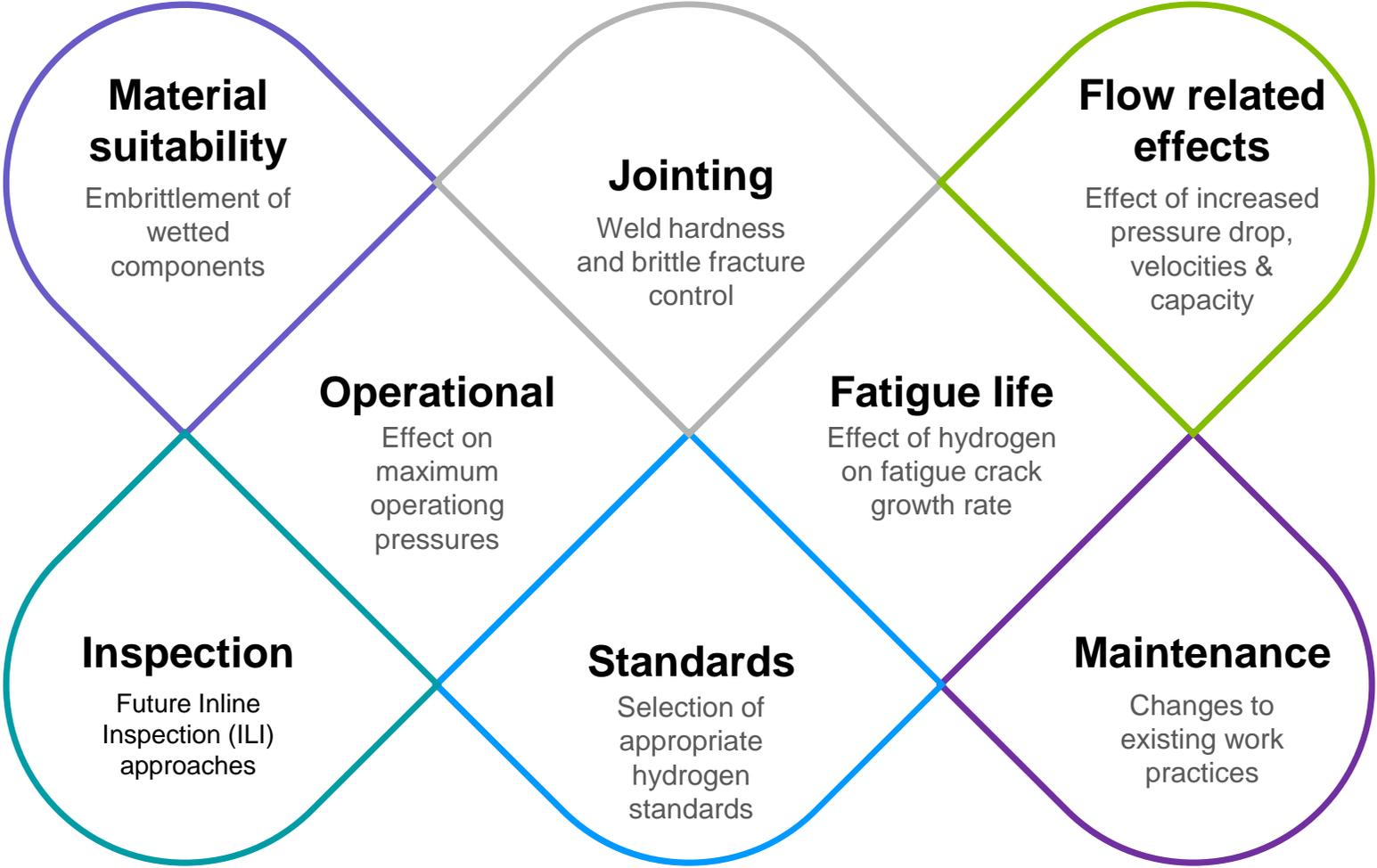
Hydrogen readiness roadmap

- We undertook a gap analysis with an external engineering service provider
- This identified gaps between our current strategic goals, current planning status and the relevant technical aspects
- This work established 40 technical categories across GNI’s organisation and mapped gaps to relevant areas
- The main recommendation to create a technical roadmap to address this gaps and allow acceleration of execution
 - This is now underway
- Several “no-regret” work items were also recommended to be progressed in parallel to roadmap formation

Technical readiness categories

Material Suitability	Component Suitability	Compressor stations	Gas appliances (own use)	Explosion protection
Qualification & Certification	Pigging	Installations	Stationary sensors	Mobile gas detection
Standards (internal & external)	Corrosion protection	Flow & capacity	Gas quality	Electrical equipment
Communication	Documentation & data	SCADA & dispatching	Integrity procedures	Vents and flaring
Customer management	Conversion planning	Data analysis	Competency & training	Operational processes & safety
Customer specifications	Risk analysis & management	Maintenance, Repair & stopple	Fire safety plans	Emergency planning
Hydrogen storage	Safety case	Evidence management	Market and flexibility	Hydrogen emissions reporting
Preparation of injection	Custody transfer points	IT systems	Supply chain	Internal business process

Focus of technical studies





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Next steps

Key activities and priorities

Objectives

Preparing for import of low-level hydrogen blends into existing natural gas network
(EU requirement)

2% objective but risk of 5-20% DESNZ decision being monitored

Progressing development of industrial clusters in context of GNI Pathways 2045
(100% hydrogen transportation)

Activities

Technical due diligence

- Research programmes
- Asset compatibility & testing
- Collaboration with gas operators

Regulatory due diligence

- Compliance with EU requirements
- Hydrogen regulatory framework

Customer and policy

- National hydrogen strategy
- Network transition plan
- External engagement

Priorities

Immediate focus areas

- Supporting the delivery of the National hydrogen strategy
- Progressing a technical programme to be ready for a 2% blend
- Progressing cluster opportunities for a 100% hydrogen network
- Influencing the shape of ENNOH

What does this all mean for me as a shipper/user of the GNI system?



- **Timings / potential for hydrogen blends will be strongly influenced by developments in the UK**
 - GNI have reiterated to National Gas the need for engagement with shippers and power generators in Ireland on the scale/pace of developments here. We are also awaiting a consultation document from the UK Department of Energy on blending in the GB transmission system
 - *Please take opportunity to avail of this engagement as it arises*
- **National Hydrogen Strategy implementation is now underway**
 - DECC are now setting up 8 working groups to deliver the 21 actions set out in the National Hydrogen Strategy. Various state agencies involved
 - Notable actions that may interest shippers:
 - Development of national certification scheme for hydrogen
 - Development of gas network transition plan
 - Integrated energy system planning
 - Establishment of a hydrogen innovation fund
 - Consultation with industry on primary sectors for green hydrogen
 - Roadmap for net zero dispatchable power solutions
 - An industry sub-engagement group will be set up by DECC to keep industry apprised of developments
 - *Please avail of opportunity to influence/secure updates accordingly (likely via affiliated bodies such as Hydrogen Ireland)*

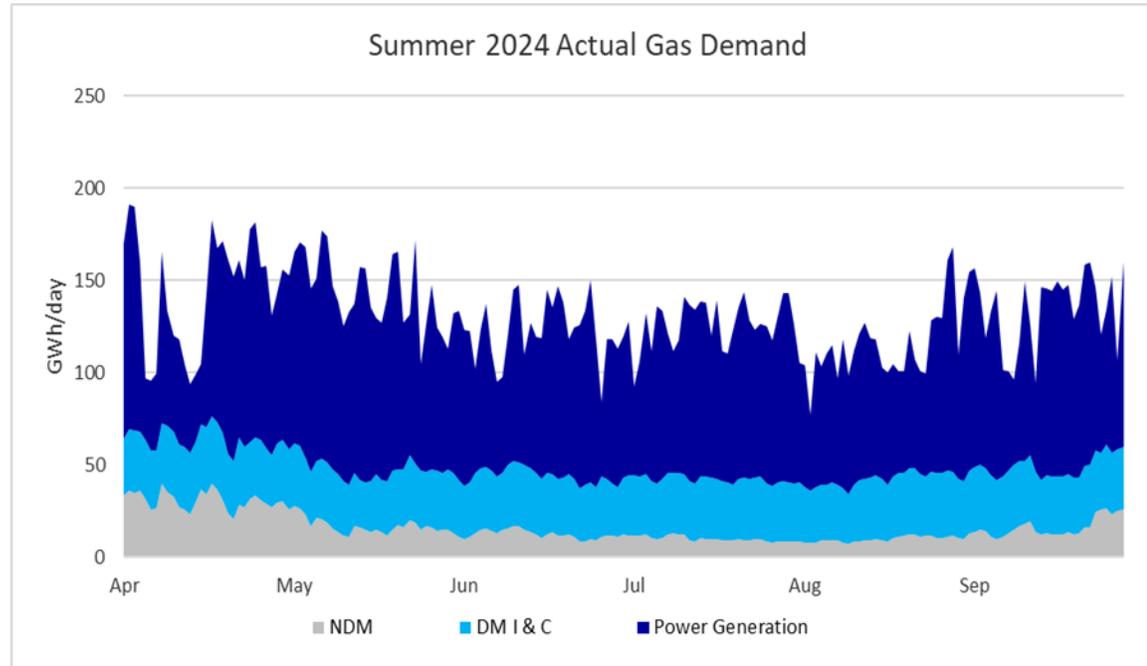


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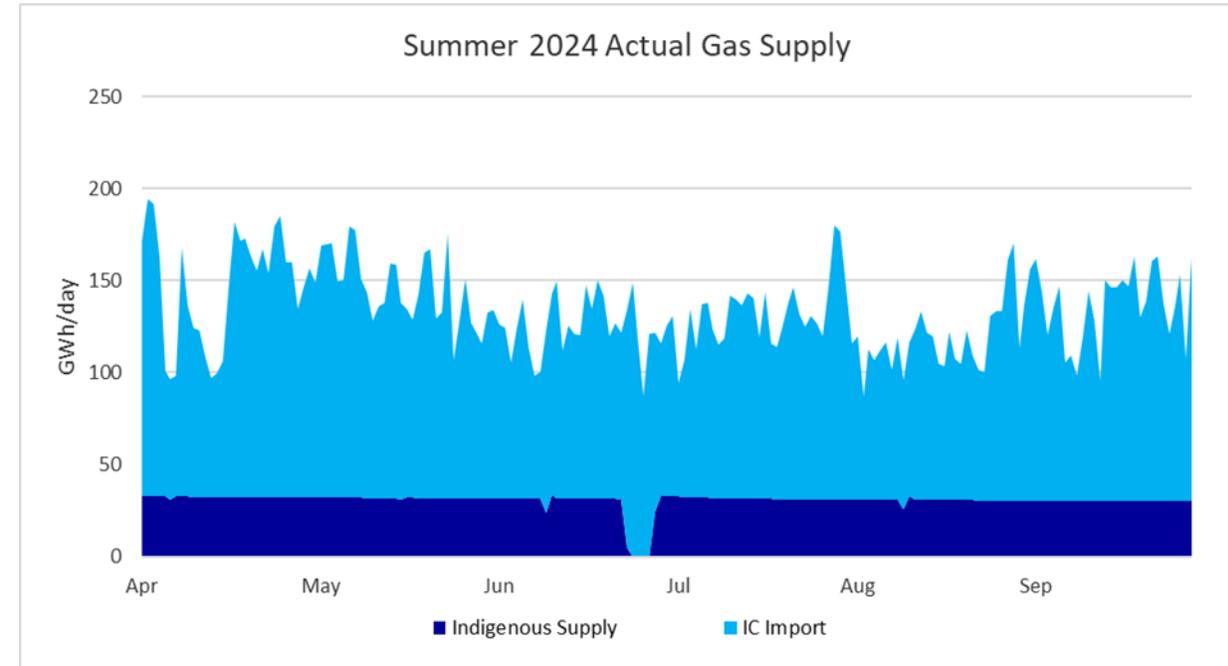
12. GNI presentation on the Summer Outlook

Utkarsha Eknath Chavan – Senior Future Networks Engineer

Summer 2024 Review



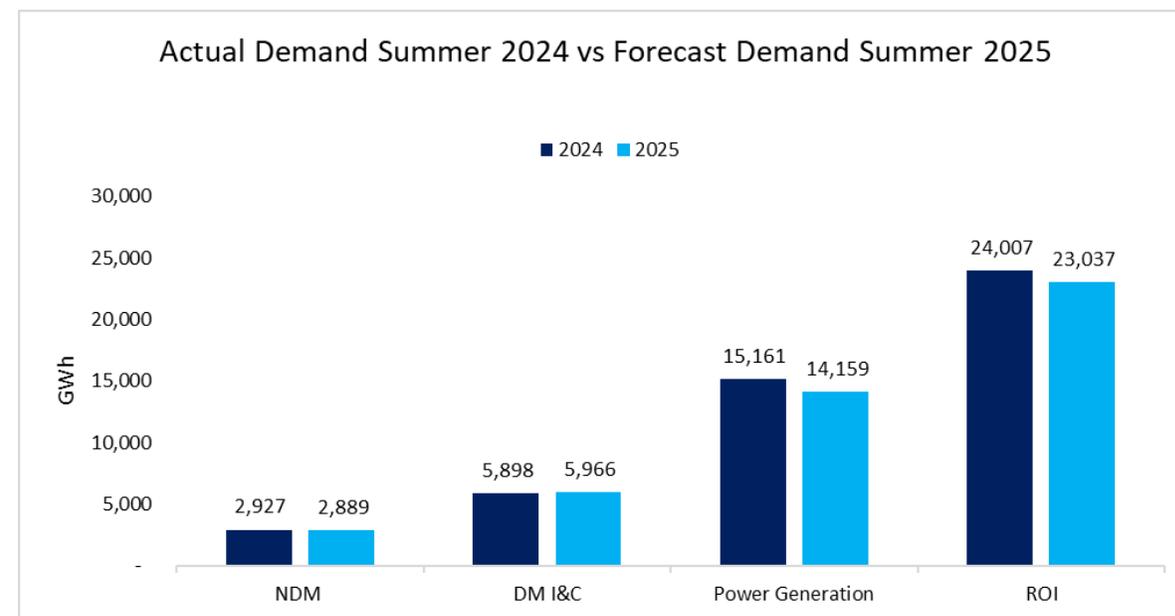
- Gas Demand in summer 2024:
 - Power Generation gas demand was 63.1% of total ROI demand
 - NDM gas demand was 12.2% of total ROI demand
 - DM I&C gas demand was 24.7% of total ROI demand



- Indigenous gas supplies met 22.6% of ROI demand in summer 2024 (Corrib 22.6%, Biomethane <0.1%), with imports via the Moffat Entry Point accounting for the remaining 77.3%

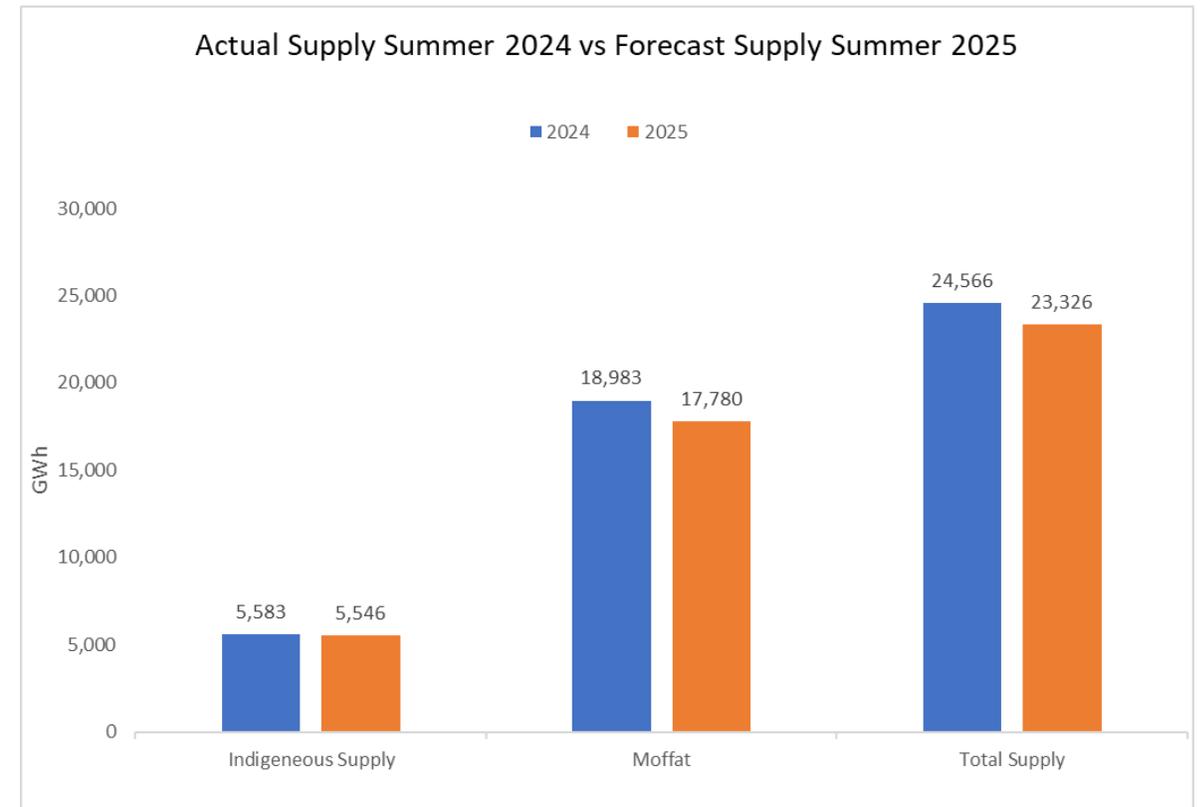
Summer 2025 Outlook: Demand

- **ROI gas demand for summer 2025 is forecast to be approximately 4% lower than the same period in 2024. This is driven by the following forecasted trends by sector:**
 - Power generation: 7% decrease.
 - DM I&C: 1% increase
 - NDM1: 1% decrease.
 - Transport: 11% increase.
- **The Drivers of demand reduction in Power Generation is increased wind generation forecast**
 - Gas Generation 42.4 % (2024) vs 36.1 % (2025 Forecast)
 - Wind Generation 27.9 % (2024) vs 35.1% (2025 Forecast)
- **The Drivers for DM I&C (with exception of Transport sector) and NDM sectors is consumption due to changing consumer behaviour following a period of high gas and electricity prices.**



Summer 2025 Outlook: Supply

- **The Corrib gas field is expected to meet 23.5% of Republic of Ireland (ROI) gas demand during summer 2025.**
- **The remaining gas demand will be met by:**
 - Imports from Great Britain (GB) via the Moffat Entry Point (76.2%).
 - A small contribution (0.3%) from biomethane.
 - The share of renewable gas in the network is set to increase over the coming years.
- **Upstream security of gas supply for summer 2025.**
 - National Gas indicate secure supply to ROI and Great Britain is expected to be net exporter to the EU.
 - Great Britain's diverse gas supply include UK ingenious supply, supply from Norway and LNG.
- **Upstream planned maintenance is scheduled at the Corrib Entry Point gas terminal from 23rd to 30th June 2025.**





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13. GNI update on Incremental Capacity Process

Kieran Quill – Senior Market Analyst

Incremental Capacity Demand Review Process

- Under Article 26 of the CAM Network Code , GNI as a transmission system operator ("TSO") is obliged, in each odd-numbered year to carry out, in conjunction with adjoining TSOs, an assessment of market demand for incremental capacity (i.e. increased system capacity resulting from technical upgrades/new infrastructure).
- GNI will, on 8th July 2025 (the day after the Annual Auctions date of 7th July), issue a notice inviting Expressions of Interest from any interested industry party to facilitate the submission of market demand indication requirements at the Moffat and Gormanston Interconnection Points. The documentation will be issued to the CMF Mailing List and published on the GNI website.
- The Market Demand Indication Window will close eight weeks after issue of notice (i.e. 2 September 2025).
- GNI shall subsequently complete and publish to Industry a Market Demand Assessment Report on or before 28 October 2025.



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14. AOB Items/Next Meeting/Close of the CMF



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14. (A) NI Gas Network Oxygen Content - Call for Evidence

NI Gas Network Oxygen Content - Call for Evidence



- GNI (UK) along with Mutual Energy will be launching a Call for Evidence (on behalf of NI DfE) later this week. The CfE is requesting views from interested parties on potential changes to the permissible Oxygen limits on the Northern Ireland (“NI”) gas networks.

Responses can be completed via,

- this online survey link: <https://www.surveymonkey.com/r/O2CFE> or,
- Completing the attached survey in Word format and emailing it back to OxygenCfE@mutual-energy.com
- The deadline for submitting your response is: **17:00** on **30th July 2025**



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14. (B) Financial Security Survey / Upcoming Meetings

Financial Security Survey/Upcoming Meetings

- The Shipper Services team recently issued a survey to Shippers on Financial Security. The survey closes on 13 June. We would ask you to remind your Finance/Commercial teams to complete the survey please. Please contact michelle.murphy2@gasnetworks.ie for further details.
- The next CMF is a virtual meeting on the 3rd of September 2025.

Next CMF Meeting


CMF Dates	Location
12 February	Virtual
1 April	Hybrid (Dublin)
10 June	Hybrid (Dublin)
3 September	Virtual
15 October	Hybrid (Dublin)
3 December	Virtual



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Appendix Useful resources



EU legislation

[Hydrogen and decarbonised gas market](#)

[Methane emissions - European Commission](#)

[The Net-Zero Industry Act](#)

Competitiveness Compass

[EU Competitiveness Compass](#)

[Factsheet - Competitiveness Compass.pdf](#)

Action Plan for Affordable Energy

[Action Plan for Affordable Energy - communication in full](#)

[European Commission press release on the Action Plan for Affordable Energy](#)

[Questions and Answers on the Action Plan for Affordable Energy](#)

Clean Industrial Deal

[Clean Industrial Deal – Communication in full](#)

[European Commission Press release on the Clean Industrial Deal](#)

[European Commission Questions and answers on the Clean Industrial Deal](#)

Omnibus Package

[Omnibus Press Release](#)

[Omnibus I](#)

[Omnibus II](#)

[Questions and answers on simplification Omnibus I and II](#)