

GC0154

14 September 2023

Meeting via Teams

WELCOME

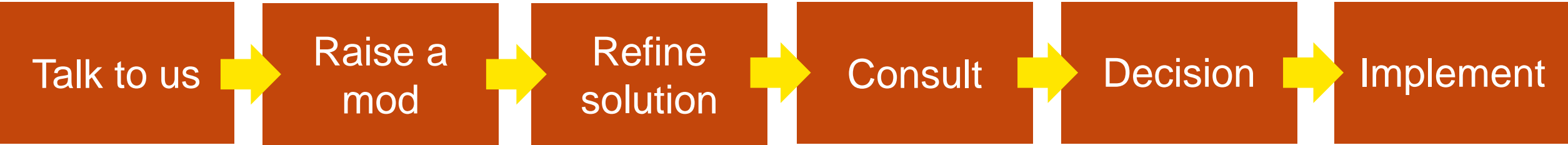
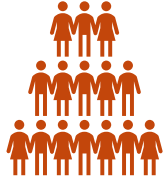




Modification Process

Catia – National Grid ESO Code Administrator

Code Modification Process Overview



Forums

Panels

Workgroups
(Workgroup Consultations)

Ofgem/Panel



Workgroup Responsibilities

Catia – National Grid ESO Code Administrator

Expectations of a Workgroup Member

Contribute to the discussion

Be respectful of each other's opinions

Language and Conduct to be consistent with the values of equality and diversity

Do not share commercially sensitive information

Be prepared - Review Papers and Reports ahead of meetings

Complete actions in a timely manner

Keep to agreed scope

Your Roles

Help refine/develop the solution(s)

Bring forward alternatives as early as possible

Vote on whether or not to proceed with requests for Alternatives

Vote on whether the solution(s) better facilitate the Code Objectives

Workgroup Members for GC0154

Voting members	Role	% Workgroups attended (WG4-7 when reconvened) 50%+ to be eligible to vote
Louise Trodden	Proposer	100%
Andre Canelhas (GridLink / HVDC Tech)	Workgroup member	68.75%
Benjamin Marshall (SSE)	Workgroup member	87.5%
Isaac Gutierrez (Scottish Power)	Workgroup member	7%
Kevin Lee (Alpha Energy Consulting)	Workgroup member	33%
Patrick Murphy (Eleclink)	Workgroup member	100%
Vera Stam (BritNed)	Workgroup member	100%
Lijia Qiu (Nationalgrid Ventures)	Workgroup member	100%
Mathieu Ramet (GE Renewable Energy)	Workgroup member	47%
Munti Nguyen (Nemo Link)	Workgroup member	93.75%
Norman MacLeod (WSP)	Workgroup member	7%
Scott Field (NeuConnect)	Workgroup member	56.25%

Communication channels

Please note that all official email communications regarding the modification (including sharing documents) should be sent to/or cc: grid.code@nationalgrideso.com



Agenda

Catia – National Grid ESO Code Administrator

Agenda

#	Topics to be discussed	Lead
1.	Objectives and Aims of the meeting	Chair
1.	AFRY Report Review and Discussion	All
1.	Review of Workgroup Report	Chair
1.	Review of Final Legal text	Proposer
1.	Review Terms of Reference	Chair
1.	Workgroup Vote	Chair
1.	Review of the Timeline	Chair
1.	Next Steps and AOB	Chair



AFRY Report Review and Discussion

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- **Who commissioned AFRY to do this analysis?**
 - Interconnectors who are part of the working group (BritNed, Nemolink, Eleclink, NGV, NeuConnect)
- **Who were the other providers contacted and what was the criteria to select AFRY?**
 - FTI Consulting
- **What were the terms of reference?**
 - Initially, the scope of work was to produce a secondary CBA, as ESO suggested several times that if we were dissatisfied with the original Baringa CBA commissioned by the ESO then we should pay for our own CBA. There are several areas that we were concerned about from the Baringa CBA, and addressed formally in our letter to Ofgem on May 19th. These concerns include but are not limited to: 1) Insufficient CBA 2) EU TSO alignment 3) Energy Security Risks 4) Potential negative impact on meeting GB net zero targets. However, due to timing constraints, we were unable to fulfil this leading to the slightly smaller, yet still comprehensive, piece of work that specifically investigated some of our key concerns around the original CBA (as aforementioned and discussed with ESO on multiple occasions).
- **What information from the WG sessions was shared with AFRY?**
 - All information shared from the WG sessions with Afry is publicly available via the GC0154 portal on the ESO website, and any information that wasn't already uploaded was verified for sharing by Louise once uploaded to the public workgroup portal, i.e. when it became publicly available.
- **What information from the WG sessions wasn't relevant to share with AFRY?**
 - All information from the WG sessions was relevant to share with Afry for the scope of their work
- **How many hours of work did it take?**
 - N/A
- **Please share their expertise on system operation, interconnector operation, HVDC control, commercial and European markets, and frequency control.**
 - I don't think this question is relevant as the ESO have commissioned Afry to produce work around IC's, system operations and **system services** in the past. Similarly, Afry's expertise are used internally for various projects by IC's and NGV, alongside various other consultants, highlighting their expertise/relevant knowledge for this workgroup.
- **ADDITIONAL REQUEST: Please NGV or other IC share with the workgroup the step-by-step replication of AFRY report, such that all the figures presented in AFRY report are justified and shared with the workgroup transparently."**
 - There is nothing that we haven't sent on from Afry thus far with full transparency in the slide deck. We have discussed with Afry this morning whether there is anything else / any other data to share for full transparency – there is nothing else to share as everything is already shared with the entire workgroup.



Workgroup Report

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Review of Final Legal Text

Louise Trodden – Proposer



Review of ToR

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Workgroup Vote

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Timeline Review

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Timeline for GC0154

Milestone	Date	Milestone	Date
Proposal Presented to Panel	16 December 2021	Workgroup report issued to Panel	20 September 2023
Workgroup 1 – (discussion of the proposal) and solution (what has changed), agree timeline and review terms of reference	25 January 2022	Panel sign off that Workgroup Report has met its Terms of Reference	28 September 2023
Workgroups 2 -10 finalise solutions to be consulted on, consider alternatives		Code Administrator Consultation	02 October – 02 November 2023
Workgroup 11- (To discuss CBA findings)	09 May 2023	Draft Final Modification Report (DFMR) issued to Panel	15 November 2023
Workgroup 12 (Discuss solutions and implementation)	05 June 2022	Panel undertake DFMR recommendation vote	23 November 2023
Workgroup 13 (finalise workgroup consultation questions, and solutions)	19 June 2022	Final Modification Report issued to Panel to check votes recorded correctly (5 working days)	30 November 2023
Showstopper (optional to review consultation document)	26 June 2023	Final Modification Report issued to Ofgem	07 December 2023
Workgroup Consultation (15 Working Days)	03 July – 03 August 2023	Ofgem decision	TBC
Workgroup 14 (Assess and discuss high level consultation responses' key trends, review legal text and any potential alternatives)	22 August 2023	Implementation Date	10 working days after Ofgem decision
Workgroup 15 – (To agree that Terms of Reference have been met, Review Workgroup Report and hold Alternative and Workgroup Vote)	11 September 2023		
Showstopper (optional if vote not completed in previous workgroup)	14 September 2023		



Next Steps and AOB

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