

Public

GC0155

Workgroup 19, 22 November 2024

Online Meeting via Teams

WELCOME

Public

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

Email communications to/cc'ing the .box email

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

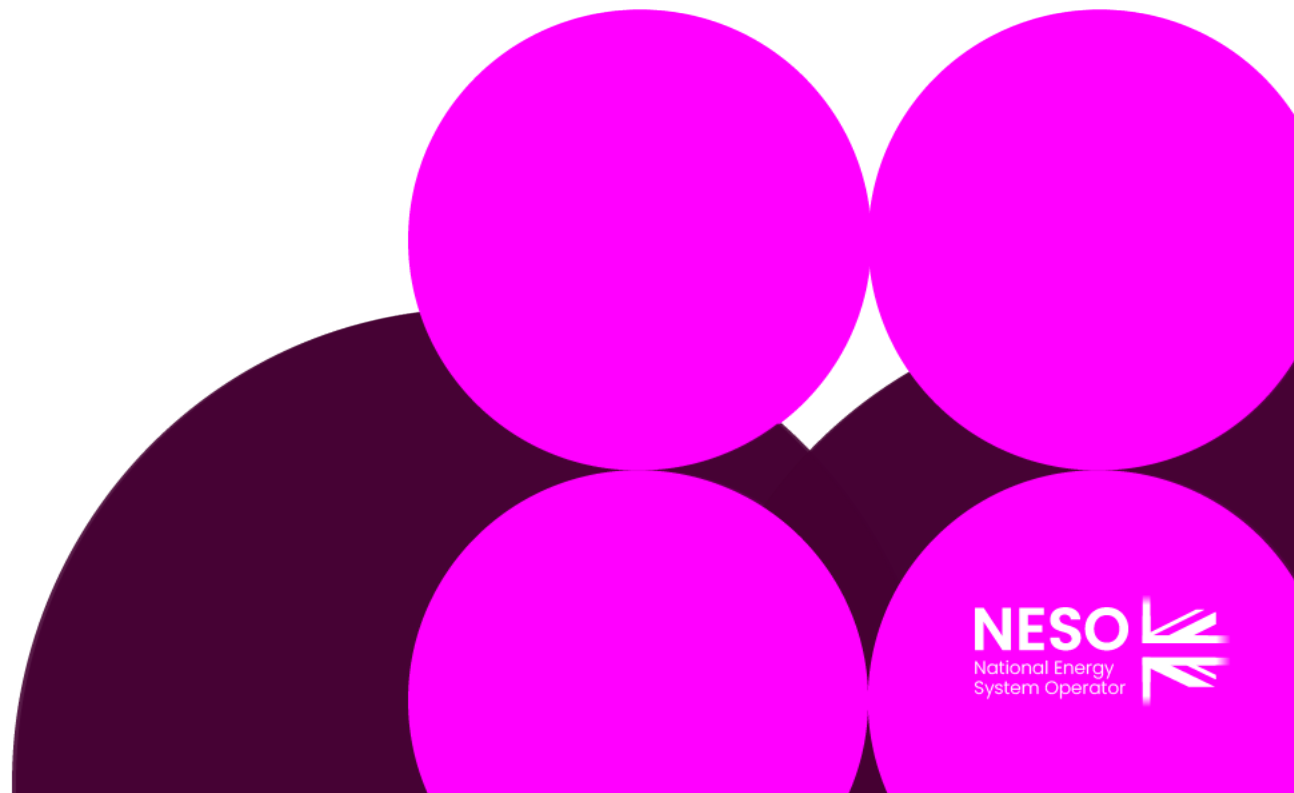
Vote on whether the solution(s) better facilitate the Code Objectives

Agenda

Topics to be discussed	Lead
Introductions	Chair
Objectives and Timeline <ul style="list-style-type: none">• Walk-through of the timeline for the modification• Action Log	Chair
Review Terms of Reference	All
Workgroup Alternative	
Workgroup Consultation review	Proposer/All
Any Other Business	Chair
Next Steps	Chair

Objectives and Timeline

Teri Puddefoot – ESO Code
Administrator



Timeline for GC0155

To be decided in Workgroup

Action Log

Action number	Workgroup Raised	Owner	Action	Comment	Due by	Status
39	WG8	BA	Discuss <u>CC.6.1.11 (CC.6.1.7 now)</u> with TOs and manufactures and feedback to WG with strawman	A number of meetings have been held, but there is nothing to report back to the WG as yet. This is part of the consultancy work	WG19 - Update to be given	Ongoing
45	WG10	Ofgem	Ofgem Check with Legal if CRM should be put in place if applying retrospectively	TP to double check if Ofgem's guidance is referring to a new CUSC modification being raised - email sent on 18/10/2024	WG 19	Open
49	WG12	All	Consider TOV graph, what palatable limits might be	There are 2 sets of limits one proposed by the Proposer and the other as an alternative by the WG. WG members to provide justification on why they can not operate on the limits proposed by the Proposer and why their alternative is better. Nicola confirmed that this was completed on 30/10/23, when they provided text for WAGCM1 to be added to the WG report along with the legal text and possible WG consultation questions. Does this need updating to align with the current proposal?	WG19	Open
56	WG14	BA	Proposer to trace discussions on issues with fault ride through requirements from GC0111 and GC0137	BA has not found anything yet within GC0111 & GC0137 that explains the narrative for GC0155 but will continue to check them.	WG19	Ongoing

Action Log

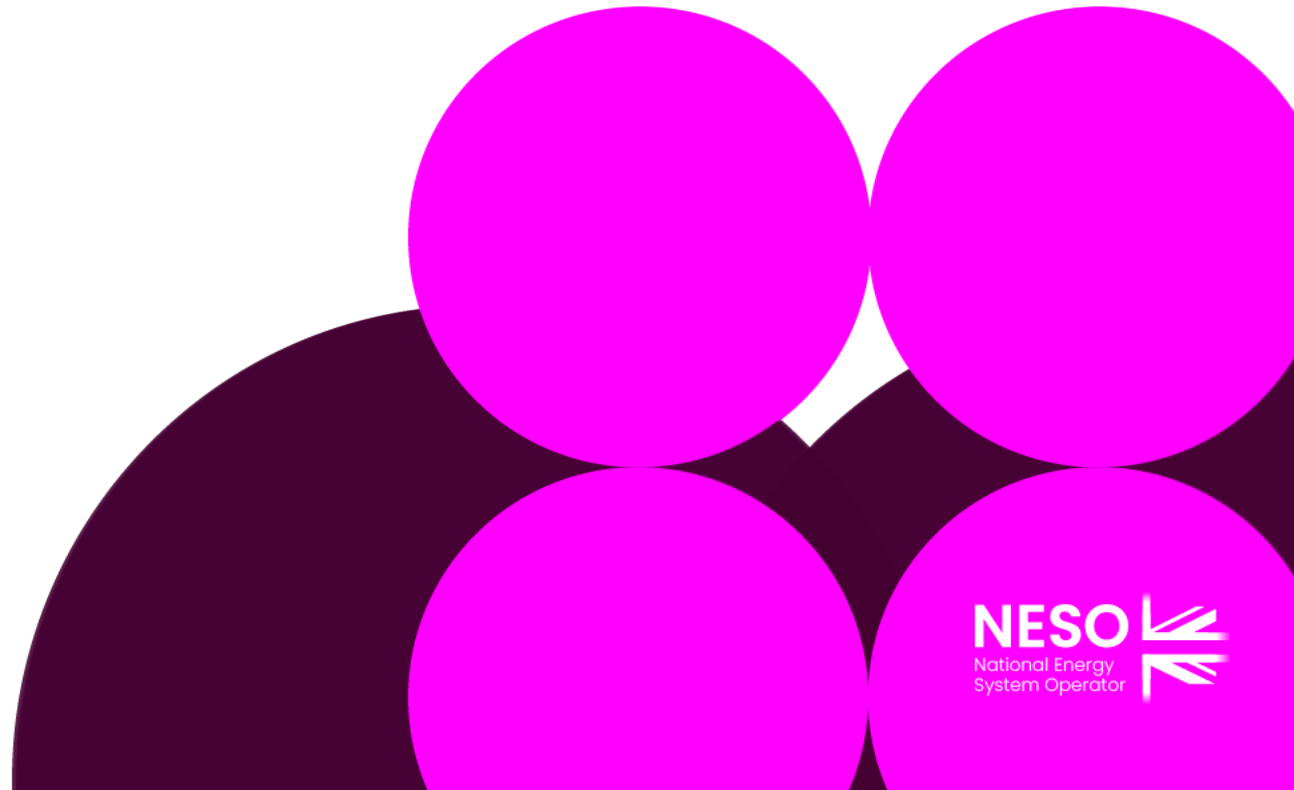
Action number	Workgroup Raised	Owner	Action	Comment	Due by	Status
61	WG15	All	Workgroup members to provide feedback on why BCA doesn't work and how they feel they can better comply	To be provided during WG discussions & documented within the WG consultation document.	WG20	Open
64	WG16	BA	Review text for ECC.6.3.15.8 and consider non-compliance issues	No update given.	WG19 - Update to be given	Open
65	WG16	All	Provide challenge and provide feedback on risks re Operation During Temporary Overvoltages section	To be provided during WG discussions & documented within the WG consultation document.	WG20	Open
66	WG16	All	Provide feedback on the Issues with the current requirements and validate that these points are correct.	To be provided during WG discussions & documented within the WG consultation document.	WG20	Open
67	WG18	BA/AP	Consider the technical feasibility of different magnitudes and the overall impact this would have on the stability of the system.	Done with Ashin - consultant to look at this (before WGC)	WG20	Open

Action Log

Action number	Workgroup Raised	Owner	Action	Comment	Due by	Status
68	WG18	ALL	Have further discussions with manufacturers with everyone present or obtain written documents from them to understand if TGN288/ RFG-2 figures can be met or if other levels need to be considered. Also carry out some case studies on specific plants to understand how the solution may be implemented in reality.		WG20	Open
69	WG18	TP	Re-share information presented by Tony earlier in the Workgroup on Compliance studies for line-to-line fault.	Done - email sent to WG	WG19	Open

Review Terms of Reference

Teri Puddefoot – ESO Code
Administrator



Terms of Reference

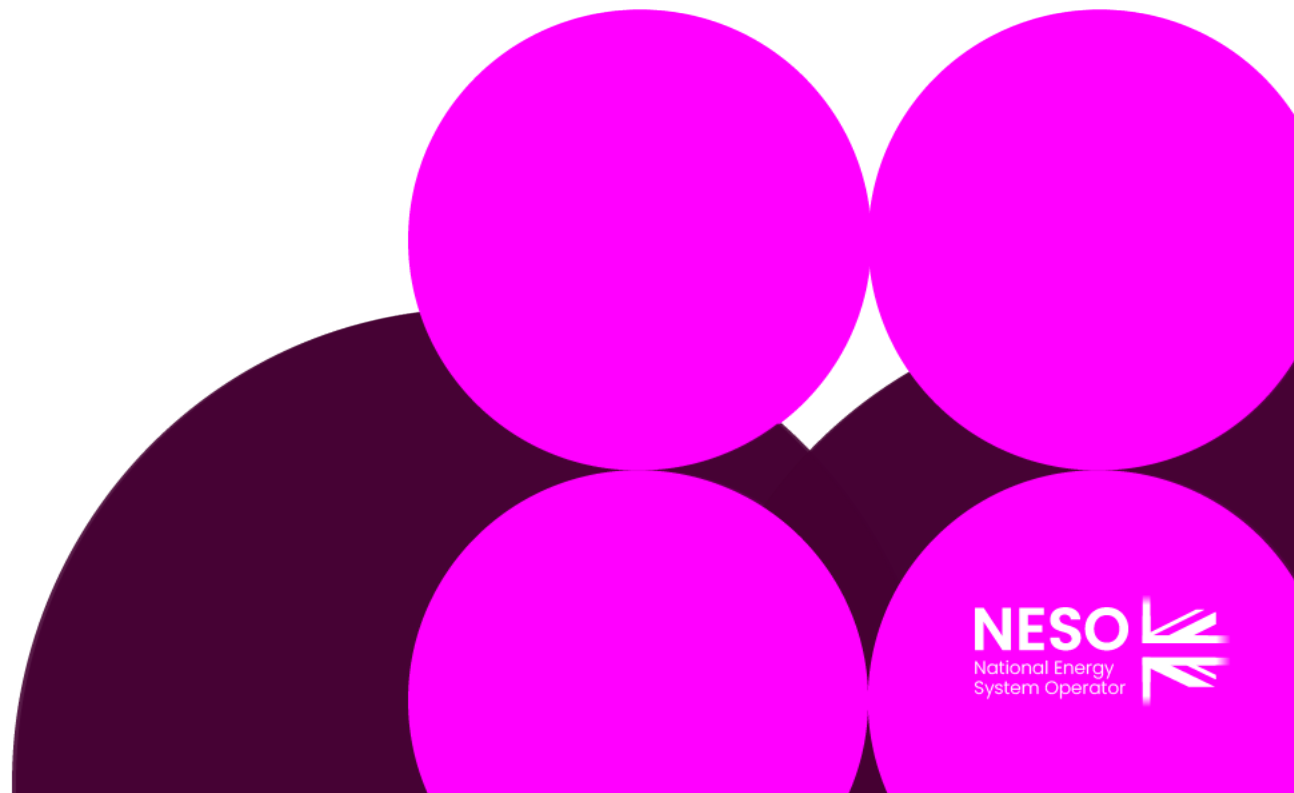
Workgroup Term of Reference	Location in Workgroup Report (to be completed at Workgroup Report stage)
a) Implementation and costs;	
b) Review draft legal text should it have been provided. If legal text is not submitted within the Grid Code Modification Proposal the Workgroup should be instructed to assist in the developing of the legal text; and	
c) Consider whether any further Industry experts or stakeholders should be invited to participate within the Workgroup to ensure that all potentially affected stakeholders have the opportunity to be represented in the Workgroup. Demonstrate what has been done to cover this clearly in the report	
d) Consider EBR implications	
<p>e) Changes and clarifications to the existing Grid Code Fault Ride Through (FRT) requirements specifically but not limited to consideration of the following areas:</p> <ul style="list-style-type: none"> i. Clarify instances where User plant is required to trip in order to clear transmission system faults ii. Amending requirements for generating maximum reactive current during faults where these may be unachievable for some generators iii. Amending post-fault active power requirements to consider whether generators at low load may have greater levels of oscillation than permitted iv. To consider clarifying and or defining requirements for over-voltage during a fault 	
f) Consider and address any cross code impacts on other codes especially Distribution Code (e.g. G99 requirements)	

Workgroup Alternatives

Teri Puddefoot – ESO Code
Administrator

Workgroup Consultation Review

Teri Puddefoot – ESO Code
Administrator



Any Other Business

Teri Puddefoot – ESO Code
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Next Steps

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