

# Code Administrator Meeting Summary

## Meeting name: GC0156 Implementation of the Electricity System Restoration Standard Meeting 10

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**Date:** 31/01/2023

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### Contact Details

**Chair:** Banke John-Okwesa, National Grid ESO [banke.john-okwesa@nationalgrideso.com](mailto:banke.john-okwesa@nationalgrideso.com)

**Proposer:** Sade Adenola, National Grid ESO [sade.adenola@nationalgrideso.com](mailto:sade.adenola@nationalgrideso.com)

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### Key areas of discussion

The aim of Workgroup Meeting 10 was to review and assess the Workgroup Consultation responses.

#### Review of Actions Log

The Workgroup agreed to close actions 54, and 57.

- *Action 28:* TJ to follow up and will distribute emails to the Workgroup
- *Action 55:* A document is being produced with a breakdown of each of the comments, this will be shared with the parties who responded to the Workgroup Consultation as well as being included in the Workgroup Report
- *Action 56:* TJ will seek out legal advice, there was a request that this also included Scottish parties and non-parties

#### ESO update on Modelling Assumptions

Simon Waters (SW) joined the Workgroup to talk through the Modelling Assumptions behind the 72 hours resilience, which originated within the Black Start Task group in 2007, and how the model recognised that not everything will work the first time and accounts for random events as it is part of a complex system (but not all scenarios will have been captured).

SW reported that it was understood by the Task group in 2017/18 that contracted sites have reasonably good resilience but secondary sites had greater concerns, and when provided with 3 scenarios BEIS opted for the Central scenario. The Workgroup queried whether there should be detail on the probability of success; SW stated that the P-value had deliberately been fixed to average.

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Workgroup Members queried the assumptions of the CBA (cost benefit analysis) conducted by Ofgem and that it would not have included the retrospective costs to Generators. SW stated that they couldn't speak to the assumptions behind the Ofgem CBA but that it did come back with a £300m justified investment.

There was discussion around the retrospective requirements and the costs associated with that. SW stated that it was believed to be cost neutral.

#### Impact of GC0148: Implementation of EU Emergency and Restoration Code Phase II Ofgem Send Back

It was acknowledged by the Workgroup that as GC0156 enhances the critical tools and facilities from GC0148, the send back from Ofgem impacts the progress of the modification, as the issues with the legal text will remain.

#### Review of Workgroup Consultation responses continued

##### *Retrospectivity, Cost Recovery and CBA*

The Workgroup discussed if it was clear who 'New Entrants' were and how the proposed retrospectivity requirement may form a barrier to them were they wanting to join the Balancing Mechanism (BM).

Workgroup Members reiterated their concerns around the use of transmission demand as the target measure and that the target was based on a scenario where the system is functional just without power i.e., no storm damage/ cyber-attack etc.

There was further discussion about Workgroup members concerns around the CBA completed by Ofgem and whether the impact of retrospective costs had been considered as the Workgroup nor ESO had had sight of it. As Workgroup members have raised significant concerns around proposed retrospectivity, it was suggested that a Freedom of Information request could be raised in future.

##### *Technical Requirements and Tendering Process*

There was further debate around whether the technical requirement for Anchor /Top Up Generators should be in the Grid Code or in a Relevant Electrical Standard to allow for simple governance whilst providing consistency across GB, this debate was not resolved and will be revisited after the draft legal text review.

On several occasions the Workgroup discussed the impacts of GC0156 on the Restoration Provider Tendering Process and several Workgroup Members questioned how certainty could be provided without evidence of system studies (showing LJ RPs and DZRPs), whether there will be situations where Top Up Service Providers could be contracted to a start up time longer than CUSC parties and how the transitional period between now and the proposed GC0156 obligations provide certainty to tendering parties.

*Other Suggestions*

Members of the Communication Subgroup raised concerns that Subgroup Report did not reflect the subgroup discussions as the need for ICCP links had not been established as a requirement of GC0156 regarding the use of ICCP links as there were communications from separate ESO teams saying that they needed ICCP links for ESRS; the Proposer confirmed that this shouldn't be the case and would feedback to the relevant teams.

The Proposer responded that reference to ICCP Links had been removed from the draft legal text and even when initially drafted it referred to ICCP links or equivalent.

Updates on Draft Legal Text

*Grid Code*

TJ took the Workgroup through a high-level overview of the draft legal text and the progress which had been made post Workgroup Consultation and highlighted the Distribution Restoration Zone control System requirements and how to implement the proposed GC0156 solutions whilst giving industry enough time to become compliant as the two key outstanding issues.

*D Code*

MK talked through the elements of the current draft grid code legal text which needed further work within the D Code, the Workgroup discussed whether plans should be considered to be terminated when the power island is energised or after synchronisation. AJ agreed to further consider these points.

Timeline Check

BJO discussed options for additional Workgroup Meetings ahead of the Workgroup Report being sent to Panel ahead of progressing to Code Administrator Consultation.

**Next Steps**

- RES documentation to be sent out to the Workgroup ahead of the draft legal text review
- Additional Workgroup invites to be issued

**Actions**

Action number	Workgroup Raised	Owner	Action	Comment	Due by	Status
28	WG5	TJ	Feedback further meetings with Tendering Team; inclusive of Penta contracts		WG10	Ongoing
54	WG9	BJO	Share Chair's summary documents		ASAP	Closed
55	WG9	TJ/SA	Confirm whether each respondent will receive a response from the ESO		WG10	Open

56	WG9	TJ	Confirm whether LJRPs are considered to be a legal document as part of the Grid Code		WG10	Open
57	WG9	TJ	Clarify whether windfarms will be obligated under GC0156	Confirmed that they will be	WG10	Closed
58	WG10	BJO	Reach out to Ofgem around the high-level assumptions in their CBA		WG11	Open
59	WG10	TJ	Validate whether moving the Technical Requirements out of the Grid Code and into the RES is inline with the GC0156 ToR		WG11	Open
60	WG10	SA	Re-share the Chapter 2 and 3 specification for DRZC		WG11	Open
61	WG10	TJ	Update Legal text to be clear where termination is within LRJP/DZRP		WG11	Open
62	WG10	TJ	Tender Team queries difference between top up and CUSC parties (inclusive of start up times)		WG11	Open
63	WG10	BJO	Schedule additional meetings, inclusive of showstopper meeting		WG11	Open

## Attendees

Name	Initial	Company	Role
Banke John-Okwesa	BJO	NGESO	Chair
Milly Lewis	ML	NGESO	Tech Sec
Andrew Larkins	AL	Sygensys	Observer
Alan Creighton	AC	Northern Powergrid	Workgroup member (Alternate)
Alastair Frew	AF	Drax Power Station	Workgroup member
Andrew McLeod	AML	Northern Powergrid	Workgroup member
Andrew Vaudin	AV	EDF	Workgroup member
Tony Johnson	TJ	NGESO	Proposer / ESO Rep
Bill D'Albertanson	BDA	UKPN	Workgroup Member
Cefin Parry	CP	Northern Powergrid	Workgroup member (Alternate)
Christopher Statham	CS	Ofgem	Authority Rep
Claire Goult	CG	NGESO	Observer
David Halford	DH	NGESO	Observer
Garth Graham	GG	SSE	Workgroup member
Gavin Anderson	GA	Electricity North West Ltd	Workgroup member (Alternate)
Graeme Vincent	GV	SP Energy Networks	Workgroup member
Graz Macdonald	GMac	Waters Wye	Workgroup member
Howard Downey	HD	SP Energy Networks	Workgroup member
Kwaku Nti	KN	NGESO	Observer
Lewis Morgan	LM	NGET	Workgroup member (Alternate)
Llew Hoenselaar	ESO	Observer	Observer
Mark Holland	MH	SSE	Observer
Michelle MacDonald	MMD	SSE	Workgroup member
Mike Kay	MK		Observer/ D Code Rep
Paul Murray	SSE	SSE	Observer
Peter Couch	PC	Joint Radio Company Ltd.	Workgroup member
Priyanka Mohapatra	SSE	Scottish Power	Workgroup member
Sade Adenola	SA	NGESO	Proposer / ESO Rep
Sara Nanchian	SN	NGESO	Observer
Simon Waters	SW	NGESO	Presenter
Tolu Esan	TE	Electricity North West Ltd	Workgroup member (Alternate)

