

Code Administrator Meeting Summary

Meeting name: GC0156 Implementation of the Electricity System Restoration Standard Meeting 9

Date: 17/01/2023

Contact Details

Chair: Banke John-Okwesa, National Grid ESO banke.john-okwesa@nationalgrideso.com

Proposer: Sade Adenola, National Grid ESO sade.adenola@nationalgrideso.com

Key areas of discussion

The aim of Workgroup Meeting 9 was to review and assess the Workgroup Consultation responses.

Review of Actions Log

The Workgroup agreed to close actions 44, 45, 48, 50 to 53.

- *Action 28*: TJ to follow up
- *Action 45*: the Workgroup discussed the need to understand the underlining analysis to evidence why the changes are required and how probabilistic modelling would be able to explain the relevance of the changes to the ESRS. This was a repeated challenge, and whilst they could share some assessments / data, more detailed analysis could not be shared due to National Security concerns

Review of Workgroup Consultation Responses

The Chair talked the Workgroup through the key themes from the 17 non-confidential responses (there were 0 confidential responses) and confirmed that no Workgroup Alternative Grid Code Modifications (WAGCMs) had been formally raised.

The Proposers confirmed that they were working through the responses including the feedback on the draft legal text.

Implementation and Retrospectivity

The Workgroup discussed concerns relating to how the obligations proposed within GC0156 will be implemented so that there is enough clarity for Industry parties to prepare ahead of the proposed implementation date of 31 December 2026. Some Workgroup

Members felt that the requirement for certain obligations to be applied retrospectively to plant would in instances be impossible and lead to a high level of derogation requests, and that they did not feel they had seen the evidence to back up the requirements to be applied across all plant. Workgroup Members thought it was more workable to have the requirements apply to new plant from the 31 December 2026.

The Proposer stated that the decision to apply obligations was based on probabilistic modelling the ESO had completed (including that currently it would take 33 hours to reach 60% of transmission demand), and in the BEIS survey question only 5% of respondents stated that they wouldn't be able to reach 72 hour resilience. The Proposer stated that whilst the ESRS Team do not intend to complete any further analysis, however, they would be completing check-ins with Industry in to monitor progress.

There was further discussion around the impact to Aggregators, particularly in the absence of the decision of [GC0148: Implementation of EU Emergency and Restoration Code Phase II](#), and how cold load pickup will be managed as consumers are likely to have exhausted the power in their devices.

Local Joint Restoration Provider (LJRP) and Distribution Zone Restoration Plan (DZRP)

The Proposer confirmed that DZRPs would look to be introduced in 2025. Some Workgroup Members raised a concern that the ESO Tender Team were using terms such as Anchor Generator already without the legal text definition being in place, and that Contractual agreements are being made with the information available at the time of signing, with the risk that uncertainty would lead to parties not signing up.

The Workgroup discussed the importance of understanding the implications of the 72 resilience on generators, the availability of specialists who will ultimately carry the responsibility to say whether sites are safe or not and how this links with the obligations of [GC0151: Grid Code Compliance with Fault Ride Through Requirements](#). Workgroup Members requested sight of an assessment as to the benefit of having to have specialists available 24/7 in case of a Total Shutdown. The Proposer stated that Ofgem completed a CBA before placing the obligations on the ESO which included the 72 hour resilience.

The Proposer confirmed that the DNO co-ordinates the DZRP and the ESO co-ordinates the LJRP. The Workgroup queried whether non-contracted parties were disadvantaged in terms of restoration than contracted parties as they would not have an agreed timeline in which they would need to respond from a cold start.

Next Steps

The Proposer agreed that they would finalise their review of the Workgroup Consultation draft legal text comments by the next Workgroup Meeting on 31 January 2023 and would then look to share dates for separate draft legal text reviews.

Actions

Action number	Workgroup Raised	Owner	Action	Comment	Due by	Status
28	WG5	TJ	Feedback further meetings with Tendering Team; inclusive of Penta contracts	Updated WG9	WG10	Ongoing
44	WG7	BJO	Investigate why of easily sharing documentation for comment		WG8	Closed
45	WG7	SA	Confirm if restoration modelling information can be included in the Workgroup Consultation document	ESRS Team stated that they would not be sharing data further to the analysis that they had already shared.	WG8	Closed
48	WG8	TJ	Forward GG the Ofgem contact for Tendering Issue		WG9	Closed
50	WG8	TJ	To locate Ofgem consultation from moving Black Start to distributed restart		ASAP	Closed
51	WG8	SA	Check finalised subgroup reports		ASAP	Closed
52	WG8	MB	Send wording for question 14		ASAP	Closed
53	WG8		Provide comments on finalised Workgroup Consultation		18 November 10am	Closed
54	WG9	BJO	Share Chair's summary documents		ASAP	Complete
55	WG9	TJ/SA	Confirm whether each respondent will receive a response from the ESO		WG9	Open
56	WG9	TJ	Confirm whether LJRP's are considered to be a legal document as part of the Grid Code		WG9	Open
57	WG9	TJ	Clarify whether windfarms will be obligated under GC0156		WG9	Open

Attendees

Name	Initial	Company	Role
Banke John-Okwesa	BJO	NGESO	Chair
Milly Lewis	ML	NGESO	Technical Secretary
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
Audrey Ramsay	AR	NGESO	Observer
Bill D'Albertanson	BDA	UKPN	Workgroup Member
Cefin Parry	CP	Northern Powergrid	Workgroup member (Alternate)
Christopher Statham	CS	Ofgem	Authority Rep
David Halford	DH	NGESO	Observer
Garth Graham	GG	SSE	Workgroup member
Gwyn Jones	GJ	Western Power Distribution	Workgroup member
Graz Macdonald	GMac	Waters Wye	Workgroup member
Graeme Vincent	GV	SP Energy Networks	Workgroup member
Howard Downey	HD	SP Energy Networks	Workgroup member
Lewis Morgan	LM	NGET	Workgroup member (Alternate)
Llew Hoenselaar	ESO	Observer	Observer
Mark Holland	MH	SSE	Observer
Mike Kay	MK		Observer/ D Code Rep
Paul Youngman	PY	Drax Power Station	Workgroup member (Alternate)
Priyanka Mohapatra	SSE	Scottish Power	Workgroup member
Sade Adenola	SA	NGESO	Proposer / ESO Rep
Sara Nanchian	SN	NGESO	Observer
Svetlana Afanasyeva	Saf	NGESO	Observer
Tolu Esan	TE	Electricity North West Ltd	Workgroup member (Alternate)
Usman Farooq	UF	NGESO	Observer