

Code Administrator Meeting Summary

GC0156: Facilitating the Implementation of the Electricity System Restoration Standard (ESRS) Workgroup 5

Date: 18 August 2022

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 Workgroup discussions are summarised according to agenda item:

Workgroup Expectations

BJO reaffirmed the expectations on Workgroup members and meeting etiquette to ensure that the focus of this and future workgroup meetings would be on assessing the proposal and refining the end solutions. To allow Workgroup Members to be able to manage their workload there was a request that consideration be given when circulating emails to the group. BJO confirmed that the proposals from the various subgroups would be presented at GC0156 Workgroup Meetings.

Review of Actions Log

The Workgroup agreed to close actions 19, 20, 22, 23 and 25

- *Action 17:* was closed with the following link shared [DCRP/MP/22/02](#)
- *Action 21:* was agreed to be left open pending a further update

A Workgroup Member queried whether the Northern Tender referenced in Action 21 was a typo – however, this action does indeed relate to the Northern Tender not the South East Tender as outlined in the Workgroup 4 Summary.

Definition of Anchor Generator

TJ provided an overview on the South East Tender process and the next steps required to ensure that the Terms and Conditions are inclusive of the wider ESRS work. Further work needs to be done alongside the Tendering Team to ensure impacts of Distributed Restart Contracts and Tendering documentation are understood ahead of the Northern Tender process and shared with the interested parties.

Updates from BEIS

Clarification of the definition of Electricity Demand

The Head of Downstream Gas and Electricity Resilience, Energy Resilience and Emergency Response confirmed the BEIS direction specifies that “electricity demand” should be calculated as “transmission demand”.

The requirement to restore 60% of transmission demand within 24 hours is an obligation placed on the NGENSO to ensure the necessary services and tools required to meet the standard are in place by December 2026. AC confirmed that the 60% was the minimum standard required within 24 hours, with the expectation that industry parties would be doing everything they could to return the system to normal as quickly as possible.

Several Workgroup Members raised concern around the standard being based around ‘transmission demand’ versus ‘distribution demand’ and that it wouldn’t be sufficient to stabilise the grid. AC confirmed that the standard had been agreed based on assurances from NGENSO that it would be the level which will maintain a stable electricity grid. This was the intention of the direction, therefore NGENSO are obligated to provide enough demand to stabilise the electricity grid. Whilst there were no current plans to change the standard it was likely to be revisited as part of the future system resilience work in the long term.

SA and DO clarified that the 60% of transmission demand had been arrived at by stimulations and whilst 60% was the minimum standard the NGENSO plans do not end there. AC advised that NGENSO and industry need to work together to operationalise the direction and ensure any nuances are understood.

AC stated that communications to consumers and the public will be managed through Project Yarrow and that they would seek feedback from industry when it was possible to do so.

Terms of Reference Review

Following on from discussion that the standard is based on transmission demand, the Workgroup agreed that the Terms of Reference should be updated to reflect ‘transmission demand’ and ‘transmission system’.

Response to Pending Queries

Definition of Terminologies

SA talked through the ‘Categories on the Transmission Network’ and ‘Categories on the Distribution Network’, slides 10 and 11 of the Code Administrator presentation pack circulated to the Workgroup on 11 August 2022. SA noted that CUSC parties had been missed from slide 11 and that the requirements were based on the current Grid Code. SA confirmed that Restoration Providers were covered under Anchor Restoration Service Providers and Top up Service Providers.

Updates from Subgroup Discussions

Several members of SA’s team provided an update on the progress of the different subgroups since 18th July 2022, confirming that each Terms of Reference requires issue/ query escalation to go to the GC0156 Workgroup.

Future Networks Subgroup

Highlighted Risks: December 2026 deadline will be challenging, but as it is part of the ESO's licence obligation, it will have to be worked to. The NGESO team also highlighted the risk of retrospective resilience for the other existing CUSC Parties.

The Workgroup raised concerns around retrospectivity requirements and how those costs would be covered; clarity as to when the 72-hour timeline was triggered; how batteries would be considered; and how Aggregators were being represented. There were discussions around the impact on small generators who are not a CUSC Party currently but might be in the future and that the different requirements between parties in the BM and non-BM needed to be called out within the Legal Text.

A Workgroup Member highlighted a concern that the impact on Generators was not outlined within the Terms of Reference for Future Networks Subgroup and requested an invite.

Markets and Funding Mechanisms

Highlighted Risks: OFTOs have historically been excluded from providing restoration, meaning that provisions need to be made within the Grid Code to harness restoration from existing offshore generation.

The Workgroup agreed that the costing/ billing process would be decided upon within the consequential CUSC modification.

Communication Infrastructure

Highlighted Risks: December 2026 deadline is challenging in order to get the technologies in place, and the costs are unlikely to be known within the timeframe of the subgroup/ GC0156 meetings.

A Workgroup member was concerned that the NGESO team were unable to provide an example of technologies which would be operable without power/ wifi/ etc. a Workgroup member stated that other than a satellite phone there are no commercially available communication technologies which allow for no power.

Assurance Framework

CS confirmed that once the existing assurance report has been redacted it can be shared.

Updates on Legal Text Drafting

TJ talked through slides 20-22 of the Code Administrator presentation pack circulated to the Workgroup on 11 August 2022 focusing on the Terms and Conditions within future Tendering Processes. A Workgroup Member suggested that proposed long term approach of governing by the C16 process was flawed due to its lack of open governance.

The Workgroup discussed the need to ensure that the process for future tenders is transparent, including incorporating new technology feasibility studies.

TJ talked through slides 23-29, focusing on the progress which had been made on the GC0156 draft legal text and the next step intention of sharing with the Workgroup by mid October 2022.

Next Steps

- BJO will consider extending the next Workgroup Meeting on 20th September to 5pm so there can be a full subgroup update.

Actions

For the full action log, [click here](#).

Action Number	Workgroup raised	Owner	Action	Comment	Due by	Status
15	WG3	DNO Workgroup Members	Provide feedback/learnings from the impact of recent storms	BM taken action to update in WG5	WG4	Open
17	WG3	MK	Update on linked Distribution Code Modification		WG4	Closed
19	WG4	SA	Share BEIS direction to the ESO on ESRS document with Workgroup		Ahead of next ESRS SG	Closed
20	WG4	SA	Share and escalate the collated concerns on the back of the demand definition with the Steering group		Ahead of next ESRS SG	Closed
21	WG4	TJ	Set up call with Tendering Team to discuss Ts&Cs regarding Northern Tender and share with industry parties		WG5	Closed
22	WG4	TJ	Update slide 7 based on feedback and share ESRS overview slide previous		WG5	Closed
23	WG4	AC/TJ	Work through with those which have commented on Distributed Restart legal text		WG5	Closed
24	WG4	TJ	Start developing ESRS including Distributed Restart legal text		Ongoing	Open
25	WG4	BJO	Understand Cross Code Impacts and manage with CUSC and STC rep		WG5	Closed
26	WG5	GG	Summarise and circulate AC summary		ASAP	Open
27	WG5	NG	Send invite to Future Networks to Generator Workgroup Members		ASAP	Open
28	WG5	TJ	Feedback further meetings with Tendering Team		WG6	Open
29	WG5	TJ	Share draft legal text with MK for DCode review		WG6	Open
30	WG5	AF	Send drafting email on frequency control with Distributed ReStart		WG6	Open
31	WG5	BJO/TJ	Work together to build a draft legal text diary sessions		WG6	Open
32	WG5	SA	Confirm to BEIS that 60% of transmission demand will re-stabilise the electricity grid		ASAP	Open

Attendees

Name	Initial	Company	Role
Abi Clarke	AC	BEIS	Authority
Abdi Osman	AO	National Grid Ventures	Workgroup member (Alternate)
Alastair Frew	AF	Drax Power Station	Workgroup member
Andrew Larkins	AL	Sygensys	Observer
Andrew McLeod	AML	Northern Powergrid	Workgroup member
Andrew Vaudin	AV	EDF	Workgroup member
Banke John-Okwesa	BJO	NGESO	Chair
Bill D'Albertanson	BDA	UKPN	Workgroup Member
Brad Kent	BK	NGET	Workgroup member (Alternate)
Cefin Parry	CP	Northern Powergrid	Workgroup member (Alternate)
Christopher Statham	CS	Ofgem	Authority Rep
Dozie Nnabuife	DN	NGESO	Workgroup member
Eric Leavy	EL	SP Energy Networks	Workgroup member (Alternate)
Garth Graham	GG	SSE	Workgroup member
Graeme Vincent	GV	SP Energy Networks	Workgroup member
Graz Macdonald	GMac	Waters Wye	Workgroup member
Gwyn Jones	GJ	Western Power Distribution	Workgroup member
Llew Hoenselaar	ESO	Observer	Observer
Mark Holland	MH	SSE	Observer
Michelle MacDonald	MMD	SSE	Workgroup member
Mike Kay	MK		Observer
Milly Lewis	ML	NGESO	Tech Sec
Neha Gupta	NG	NGESO	Observer
Nikhil Singh	NS	NGET	Workgroup member
Paul Mott	PaMo	NGESO	Observer
Paul Murray	SSE	SSE	Observer
Peter Couch	PC	Joint Radio Company Ltd.	Workgroup member
Priyanka Mohapatra	SSE	Scottish Power	Workgroup member
Richard Wilson	RW	UKPN	Workgroup member (Alternate)
Robert Longden	RL	Eneco Energy Trade BV	Workgroup member
Ross Strachan	RStrac	Scottish Power	Workgroup member (Alternate)
Sade Adenola	SA	NGESO	Proposer / ESO Rep
Svetlana Afanasyeva	Saf	NGESO	Observer
Tony Johnson	TJ	NGESO	Proposer / ESO Rep