

Code Administrator Meeting Summary

Meeting name: GC0117: Improving transparency and consistency of access arrangements across GB by the creation of a pan-GB commonality of Power Station requirements Meeting 22

Date: 22/11/2023

Contact Details

Chair: Milly Lewis, National Grid ESO milly.lewis@nationalgrideso.com

Proposer: Garth Graham, SSE Generation garth.graham@sse.com

Key areas of discussion

The aim of Workgroup 22 was to review all open actions, discuss the current progress in relation to primacy rules and DER visibility, and to review legal text.

Workgroup Objectives and Action Review

The Chair introduced the Workgroup objectives and confirmed quoracy.

An update of all actions are in the actions log below.

When discussing action 70, one Workgroup member queried the requirement for a 24 hour staffed control point for Generators with a Bilateral Embedded Generation Agreement (BEGA), which would be a requirement of the Original Proposal. It was noted that a 12MW Power Station would currently not be mandated to require a BEGA or a staffed Control Point. An ESO representative clarified that a BEGA requires a 24/7 staffed Control Point with Generators in Scotland with a Bilateral Embedded Large Licence Exempt Generator Agreement (BELLA), requiring a staffed control point between 8am-6pm. The Workgroup member queried whether the costs for a 24/7 staffed Control Point were reflected in the Generator Cost Impact Assessment. The ESO representative confirmed these costs had been included.

One Workgroup member queried the projected cost of staffing the control points, given that the assumption was that sites would have SCADA systems. It was queried whether smaller sites would have SCADA systems. Another Workgroup member stated that they believed all sites that would fall under the new threshold would have SCADA systems. It was noted that if a Remote Terminal Unit was required, that this would be very expensive.

Primacy Rules & DER Visibility

A presenter from the ESO presented to the Workgroup regarding Primacy Rules and Distributed Energy Resources (DER) Visibility. Slides covering this can be found in the [GC0117 Workgroup 22 Papers](#).

ESO

One Workgroup member queried whether this was an Electricity Networks Association group, given that the Strategic Connections Group involves Ofgem. It was clarified that the group consisted of Distribution Networks and System Operators.

The presenter clarified that their plan covers both DNOs with data exchange mechanisms in place, and those who do not have the mechanisms in place. This is to try to increase the pace of the work. It was clarified that the work is in place to focus on data exchange required for DER and Consumer Energy Resources (CER) participation in ESO services through Visibility of data.

There is currently work ongoing regarding DER visibility. It was stated that the intention is to work with industry to decide on enabling data exchange for ESO to make decisions, giving DNOs visibility of what the ESO is doing. This data exchange is required for planning and operation.

One Workgroup member queried what the large number of use cases was based on. It was clarified that this was based on the different types of services that could be procured, and whether they could conflict. They also clarified that risks refer to risks of conflict.

One Workgroup member queried who had asked the ESO to complete this work; it was clarified that the ENA asked the ESO to come up with a minimum viable product. They also queried whether GC0117 had been discussed as part of this work; it was clarified that it has not.

Another Workgroup member noted that some stakeholders would want control of DER in addition to visibility.

One Workgroup member queried whether it was credible for the ESO to issue BM instructions to large embedded generators downstream of an ANM scheme. An ESO representative clarified that they manage the Balancing Mechanism and do not dispatch generation. If there is a difference between Demand and generation then the ESO buy bids and offers across generators to ensure the contracted position matches the actual position. The visibility of data between the ESO and DNO enables the ESO to determine where constraints are. The ESO may instruct generators to adjust output based on market signals, but it was noted that they would not be able to do this downstream of an ANM scheme.

One Workgroup member noted that ANM schemes are not always active, so there could be occasions where generators behind these schemes could participate in the BM.

Legal text

The ESO representative clarified that there are two versions of the legal text for the Original solution; with one of the versions including additional information relating to the connections queue given the implementation date of GC0117. These were kept as two versions since the connections queue elements of the legal text had not previously been discussed with the Workgroup.

It was also clarified that the GC0117 Original Proposal will not impact those in the connection queue up to the point that the Original Proposal is approved by The Authority, should approval be granted.

One Workgroup member raised a concern that some Generators may be in the queue and have obligations from GC0117 put on them if their classification changes from a Small to Large generator.

One Workgroup member queried what would occur if a customer applied for a connection, believing they could connect prior to 2027, if the ESO could not accommodate this connection. An ESO representative confirmed that the Legal Text for the Original Proposal needs to consider the above scenarios in order to achieve fairness for Generators currently in the connections queue.

Some Workgroup members queried the Connections process; the ESO representative noted that the connections process would be the same as in the North of Scotland.

One Workgroup member noted the importance of clarity within the legal text and suggested adding examples to demonstrate the effect on the connections queue. The Proposer of WAGCM1 queried whether changes would be required to the legal text to reflect the changes in Scotland with the introduction of LEEMPS.

The ESO agreed to finalise the legal text for the Original and WAGCM1 and circulate possible scenarios to the Workgroup (**Action 103**).

One Workgroup member noted that they have raised GC0117 at industry working groups, and that many Generators are still unaware of the modification.

Workgroup Report

The Workgroup discussed the Terms of Reference and agreed that Actions 70 and 103 were required to be completed in order to meet the Terms of Reference.

The Workgroup agreed that another Workgroup is required to allow time for actions to be completed before the Workgroup Vote.

Next Steps

The Chair summarised the next steps as follows:

- Next Workgroup to be held on 08 January 2024.
- Workgroup Report and Legal Text to be amended and circulated.
- Updated timeline to be presented at the December Grid Code Review Panel.

Actions

Action number	Workgroup Raised	Owner	Action	Comment	Due by	Status
70	WG16	DD/DH	Investigate potential cost impact on industry from this modification by investigating the potential number of Generators that could fall into the ‘Large’ threshold going forwards as a result of the Original Proposal.	Further feedback received regarding generator costs. The numbers of impacted generators that could be impacted is proving a challenge due to the granularity of the analysis required. There is a potential of using the numbers used as part of the IT Impact Assessment, but these would be higher than would be expected as they do not distinguish between the potentially impacted generators and those that would have	ASAP	Open

				been active in the BM regardless of GC0117.		
90	WG20	GV	Investigate how GEMS works in South Scotland	Not progressing currently – work is ongoing	WG21	Closed
95	WG20	ML	Reach out to Open Networks Team regarding workplan	No further work completed since Feb 22	WG21	Closed
96	WG21	CM/JB	Review spreadsheet and share any feedback	NA	31/10/23	Closed
97	WG21	RW	Write section on Connections Reform for Workgroup Report	NA	20/10/22	Open
98	WG21	DH	Provide summary of information regarding consequential modifications and the decision made to delay them until after an Ofgem decision on GC0117	NA	20/10/22	Closed
99	WG21	TJ	Investigate implication on categorisation of High Priority SGU	NA	20/10/22	Closed
100	WG21	ML	Capture Workgroup discussions in Workgroup Report	NA	20/10/22	Closed
101	WG21	TJ	Review legal text prior to next Workgroup	NA	20/10/22	Closed
102	WG21	TJ	Investigate the interactions between Embedded Power Stations in the BM behind an Active Network Management (ANM) Schemes as compared with Embedded Power Stations not in the BM and behind an ANM Scheme – Appendix G	NA	20/10/22	Closed

103	WG22	DH/TJ	Finalise legal text for the Original and WAGCM1 and circulate possible scenarios	NA	WG23	Open
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Attendees

Name	Initial	Company	Role
Milly Lewis	ML	Code Administrator, ESO	Chair
Lizzie Timmins	LT	Code Administrator, ESO	Tech Sec
Garth Graham	GG	SSE Generation	Proposer
Alan Creighton	AC	Northern Powergrid	Workgroup Member
Andrew Akani	AA	NGED	Workgroup Member
Bukky Daniel	BD	EDF	Observer
Chris Marsland	CM	AMPS	Workgroup Member
David Halford	DH	ESO	ESO Representative
Graeme Vincent	GV	SP Energy Networks	Workgroup Member
Isaac Gutierrez	IG	Scottish Power Renewables	Workgroup Member
John Brereton	JB	Innova	Observer
Mike Kay	MK	Electricity North West	Workgroup Member
Paul Youngman	PY	Drax	Workgroup Member
Richard Wilson	RW	UK Power Networks	Workgroup Member
Stuart Fowler	SF	ESO	Presenter
Thomas Roe	TR	ESO	Observer
Tim Ellingham	TE	RWE	Workgroup Member
Tony Johnson	TJ	ESO	Workgroup Member