

# 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 21**

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Date: 04/10/2023

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## Contact Details

Chair: Milly Lewis, National Grid ESO [milly.lewis@nationalgrideso.com](mailto:milly.lewis@nationalgrideso.com)

Proposer: Garth Graham, SSE Generation [garth.graham@sse.com](mailto:garth.graham@sse.com)

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## Key areas of discussion

The aim of Workgroup 21 was to review all open actions, review legal text, discuss potential implications of GC0117 on DNOs and review the Workgroup Report.

## Workgroup Objectives and Action Review

The Chair introduced the Workgroup objectives and confirmed quoracy, reviewing the timeline for the modification.

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

## Potential DNO implications of GC0117

One Workgroup member presented to the Workgroup regarding potential DNO implications of GC0117. Slides covering this can be found in the [GC0117 Workgroup 21 Papers](#).

A concern was raised regarding the scope for unintended consequences of GC0117 and it was highlighted that the potential implications for DNOs needs to be understood in the context of the transition to DSO. One Workgroup member queried if GC0117 could have implications on Connections queue management, however it was clarified that Embedded Generators shouldn't change the queue process. An ESO representative clarified that the processes with Connections should be similar with the transition to Bilateral Embedded Generation Agreements, and that the ESO Connections team are aware of the impacts of GC0117. One Workgroup member stated that Connections reform needs to be considered within the Workgroup Report for GC0117 (**Actions 97 and 100**).

The Authority Representative queried the retrospective nature of the modification, and queried whether it would apply to customers in the connections queue after the implementation date of the modification, or just to new customers joining the queue after that date.

## ESO

The Proposer of GC0117 expressed an opinion that many of the DNO concerns would exist regardless of whether GC0117 is implemented.

A discussion was had by Workgroup members regarding Local Joint Restoration Plans (LJRP), and it was pointed out that some CUSC parties are not part of a LJRP. One Workgroup member stated that they believed there was minimal impact on GC0117, and that distribution restart does not have much bearing on GC0117. The Proposer clarified that the need for restoration is determined by the ESO, and that GC0117 should not create or diminish requirements.

One Workgroup member queried the impact of GC0117 on other Codes. It was clarified that several other Codes will be impacted, and the ESO had spoken to Ofgem with the agreement that follow-on Code Modifications could be raised following a decision on GC0117. One Workgroup member queried whether information regarding this decision and the related modifications could be shared with the Workgroup and added to the Workgroup Report **(Actions 98 and 100)**.

A conversation was then had by the Workgroup regarding potential operational implications of GC0117, and a concern was raised about the potential increase in the volume of BM instructions. One Workgroup member queried whether DNOs can influence BM instructions, and that patterns of DNO operation could be changed by these instructions. The Proposer expressed that these concerns would likely come to fruition regardless of GC0117.

One Workgroup member expressed that present arrangements for planning are confusing, with different rules for generators of the same size. It was also asked whether Demand data for Generators would be required by the ESO. An ESO representative clarified that large quantities of data may not be useful for the ESO due to the quantity of data. One Workgroup member queried implications of the categorization as a high priority Significant Grid User (SGU), which the ESO agreed to investigate **(Action 99)**. It was clarified that Large Power Stations would be prioritized in emergency situations due to the potential impact they could have on the network if they experience issues.

One Workgroup member highlighted that Requirements for Generators 2.0 changes the definition of a substantial modification, which would require existing Generators to become compliant with GC0117. The ESO clarified that there are examples of what would be considered as a substantial modification.

### Legal text

The Workgroup reviewed the updated legal text and made minor changes to several areas.

One Workgroup member highlighted that there is an issue with the definition of Registered Capacity and that it needs to be made clear that Registered Capacity cannot be reduced by putting an export limit on a Generator. This was agreed to be out of scope of modification GC0117, however it was agreed that a future modification will be required to address this.

Following feedback from the Workgroup, the ESO agreed to revise the legal text and circulate it prior to the next Workgroup **(Action 101)**.

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### Next Steps

The Chair summarised the next steps as follows:

- Next Workgroup to be held on 22 November 2023.

- Workgroup Report and Legal Text to be amended and circulated.
- Actions to be followed up on prior to the next Workgroup.

**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. | Under discussion with FES team  | ASAP     | Open   |
| 87            | WG20             | DH          | Write a summary of analysis completed to date and circulate with final analysis documents  | NA                              | WG21     | Closed |
| 88            | WG20             | TJ          | Speak to control room regarding impacts on operational planning and constraints, and ANM controlling of generators. Investigate how they intend to manage ANM with the threshold change                                  | ANM takes precedence            | WG21     | Close  |
| 89            | WG20             | AC/MK/GV/RW | Investigate potential impacts of GC0117  | Update provided during meeting  | WG21     | Closed |
| 90            | WG20             | GV          | Investigate how GEMS works in South Scotland   | NA                              | WG21     | Open   |
| 91            | WG20             | GV          | Investigate any issues SPEN face with thresholds   | No particular issues identified | WG21     | Closed |
| 92            | WG20             | GV          | Investigate any STC impact of GC0117   | No impacts identified           | WG21     | Closed |
| 93            | WG20             | MK          | Investigate whether any DCode changes need to be done imminently   | Impacts shared with Workgroup   | WG21     | Closed |
| 94            | WG20             | TJ          | Review legal text prior to next Workgroup  | NA                              | WG21     | Closed |
| 95            | WG20             | ML          | Reach out to Open Networks Team regarding workplan   | Awaiting response               | WG21     | Open   |
| 96            | WG21             | CM/JB       | Review spreadsheet and share any feedback  | NA                              | 31/10/23 | Open   |
| 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 | Open   |

|     |      |    |   |    |          |      |
|-----|------|----|---|----|----------|------|
| 99  | WG21 | TJ | Investigate implication on categorisation of High Priority SGU  | NA | 20/10/22 | Open |
| 100 | WG21 | ML | Capture Workgroup discussions in Workgroup Report   | NA | 20/10/22 | Open |
| 101 | WG21 | TJ | Review legal text prior to next Workgroup   | NA | 20/10/22 | Open |
| 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 | Open |

### 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                 |
| John Lucas       | JL      | Elexon                    | Workgroup Member         |
| Mike Kay         | MK      | Electricity North West    | Workgroup Member         |
| Paul Drew        | PD      | Ofgem                     | Authority Representative |
| Paul Youngman    | PY      | Drax                      | Workgroup Member         |
| Richard Woodward | RW      | NGET                      | Workgroup Member         |
| Thomas Roe       | TR      | ESO                       | Observer                 |
| Tim Ellingham    | TE      | RWE                       | Workgroup Member         |
| Tony Johnson     | TJ      | ESO                       | Workgroup Member         |