

# Code Administrator Meeting Summary

## Meeting name: GC0162: Changes to OC6 to amend the operational timings for the delivery of the additional demand reduction above 20% – Workgroup Meeting 1

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Date: 10/08/2023

### Contact Details

Chair: Lizzie Timmins, National Grid ESO [elizabeth.timmins@nationalgrideso.com](mailto:elizabeth.timmins@nationalgrideso.com)

Proposer: Usman Farooq, National Grid ESO [usman.farooq@nationalgrideso.com](mailto:usman.farooq@nationalgrideso.com)

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## Key areas of discussion

The aim of Workgroup 1 was to agree the timeline and terms of reference for the modification, and to discuss the solution.

### Introduction and Urgent Code Modification Process Overview

The chair gave an overview of the agenda and introduced the workgroup members, then briefly explained the urgent code modification process and the expectations of Workgroup members.

### Timeline

The chair introduced the timeline and asked for Workgroup agreement with the suggested changes to dates for Workgroups 2 and 4. The Workgroup agreed to proceed with the proposed timeline.

### Terms of Reference

The chair shared the Terms of Reference with the Workgroup. There was discussion on the level of work required to fulfil terms of reference K and L. It was agreed by the Workgroup to amend terms of reference K and L as follows to remove reference to protection of supplies to critical sites, to make it clear that terms of reference K and L focus on timing issues.

### Proposer Presentation

The Proposer delivered a presentation on the proposed changes to OC6.5.5 to amend the operational timings for the delivery of demand reduction between 20% and 40%. The Proposer asked whether their suggested legal text was operationally possible for all DNOs, and requested feedback prior to the next Workgroup.

The Proposer also asked the Workgroup to discuss the analysis needed to fulfill terms of reference K and L, with the aim that the analysis is completed for Workgroup 2.

A Workgroup member mentioned that it would be useful to have worked examples in the consultation documents for GC0162 to demonstrate different scenarios of how Demand Disconnection will be carried out in practice, and provided an example to the Workgroup via email.

## ESO

The Workgroup discussed the merits of restricting the solution to the 20-40% range or removing protection above 40% as well. Given that terms of reference I asks for a focus on the arrangements for Demand Disconnection in the range 20%-40% it was agreed to restrict the solution to that range. It was also noted that Low Frequency Demand Disconnection is used for scenarios above 40%, and so this would be out of scope of modification GC0162.

The Workgroup discussed the merits of amending the draft legal text to focus the solution in OC6.5.3 rather than OC6.5.5 (OC6.5.5 refers to OC6.5.3), however it was later agreed by the Workgroup that the draft legal text in OC6.5.5 should remain. Several Workgroup members expressed confusion with the clause 'Other than with regard to the proviso'. The ESO agreed that this was unclear and that they would review this.

The Workgroup discussed amending OC6.1.5 to remove 3(a) from the legal text proposed in GC0161, so that the prohibition on protected sites could be removed from the whole of OC6.5..

The Workgroup discussed the wording 'five per cent' within OC6.5.4(b); one Workgroup member queried whether this was a mistake, since operationally DNOs are required to deliver Demand Disconnection stages, each of which are expected to deliver between four and six percent Demand Reduction, as in OC6.5.3(ii). It was also suggested that ESEC blocks could be used instead. One Workgroup member queried the 1600 NETS warning from OC6.5.4(c), and asked whether DNOs would be expected to reduce Demand if the ESO had not issued this warning in time. An ESO representative clarified that they would work with DNOs to attempt Demand reduction, however stated that DNOs would not be obligated to reduce Demand in this case.

The Proposer agreed to review all sections of discussed legal text with the legal team, prior to the next Workgroup.

The Workgroup discussed the possibility of a perverse result of OC6 Demand Disconnection causing demand to increase rather than decrease, as a consequence of the amount of embedded generation. Several Workgroup members thought this was a possibility, however the ESO and DNOs stated that they would attempt, where possible, to not disconnect Demand blocks with a high amount of embedded generation.

One Workgroup member queried whether modification GC0117 would have an impact on protection of sites, if the threshold for large power stations becomes 10MW. This will be investigated prior to Workgroup 2.

### **Cross Code Impacts**

A representative from the ENA stated that there is nothing in the Distribution Code regarding operational timings for Demand Reduction, so they do not believe that the Distribution Code will need amending.

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### **Next Steps**

The chair summarised the next steps as follows:

- Share papers for next Workgroup including draft legal text
- Calendar invites for remaining Workgroups to be sent immediately following the meeting now timeline is agreed
- All to reply to meeting invites and send a response to ensure quoracy is met in summer holiday period

**Actions**

Action number	Workgroup Raised	Owner	Action	Comment	Due by	Status
1	WG1	JW	Share updated Terms of Reference with GCRP for review	NA	WG3	Open
2	WG1	LT	Check on potential implications for GC0117	NA	WG2	Open
3	WG1	DNOs	Investigate if 5 minutes time for SCADA operational switching is workable	NA	WG2	Open
4	WG1	LT	Contact ENW and NGED to make them aware of action 3	NA	WG2	Open
5	WG1	UF	Review draft legal text, potentially removing (3a) from OC6.1.5, amending OC6.5.4(b) and OC6.5.5(c)	NA	WG2	Open
6	WG1	JZH	Bring a list/table of scenarios to next WG to address Term of Reference K, after further discussion with control room	NA	WG2	Open
7	WG1	All	Consider scenarios ahead of next WG to address Term of Reference K	NA	WG2	Open
8	WG1	MK/LT	Circulate proposed changes to Distribution Code as a consequence of GC0161	NA	WG2	Open
9	WG1	UF	To bring a response to GG e-mail regarding consequential and concurrent instructions to WG2	NA	WG2	Open

**Attendees**

Name	Initial	Company	Role
Lizzie Timmins	LT	Code Administrator, ESO	Chair
Jonathan Whitaker	JW	Code Administrator, ESO	Technical Secretary
Usman Farooq	UF	ESO	Proposer
John Zammit-Haber	JZH	ESO	Proposer
Alan Creighton	AC	Northern Powergrid	Alternate
Alastair Frew	AF	Drax	Workgroup Member
Andrew McLeod	AM	Northern Powergrid	Workgroup Member
Bill D'Albertenson	BD	UK Power Networks	Alternate
David Child	DC	UK Power Networks	Alternate

Edmond Frondigoun	EF	Sembcorp	Alternate
Fang Ji	FG	SSE Renewables	Observer
Garth GrahamID	GG	SSE Generation	Alternate
Graeme Vincent	GV	SP Energy Networks	Alternate
Mark Ajal	MA	SSE Renewables	Observer
Mike Kay	MK	Energy Networks Association	Alternate
Paul Murray	PM	SSEN Distribution	Alternate
Richard Wilson	RW	UK Power Networks	Workgroup Member
Shilen Shah	SS	Ofgem	Authority Representative
Steve Baker	SB	ESO	Observer