

# GC0176 - Introduction of Demand Control Rotation Protocol within Operating Code 6 of the Grid Code

Workgroup 2, 26 March 2025

Online Meeting via Teams

# WELCOME

# Agenda

Topics to be discussed	Lead
Welcome	Chair
Actions Review	All
Review Timeline and Terms of Reference	Chair
Proposer's Update	Proposer
AOB & Next Steps	Chair

## Public Expectations of a Workgroup Member

Contribute to the discussion

Be respectful of each other's opinions

Language and Conduct to be consistent with the values of equality and diversity

Do not share commercially sensitive information

Be prepared - Review Papers and Reports ahead of meetings

Complete actions in a timely manner

Keep to agreed scope

Email communications to/cc'ing the .box email

## Your Roles

Help refine/develop the solution(s)

Bring forward alternatives as early as possible

Vote on whether or not to proceed with requests for Alternatives

Vote on whether the solution(s) better facilitate the Code Objectives



# Workgroup Membership

Role	Name	Company
Proposer	Frank Kasibante	NESO
Workgroup Member	Andrew McLeod	Northern Powergrid
Workgroup Member	Thomas West	National Grid Distribution
Workgroup Member	John Knott	SP Energy Networks
Workgroup Member	Richard Wilson	UKPN
Workgroup Member	Paul Turner	Electricity North West Ltd
Workgroup Member	Garth Graham	SSE Generation
Workgroup Member	Can Li	Green Gen Cymru
Workgroup Member	Paul Murray	Scottish and Southern Electricity Networks
Observer	Mark Dunk / Jeevan Dhaliwal	ENA
Authority Representative	Shilen Shah	Ofgem

# Actions Log

Action Number	Owner	Action	Update	Status
1	FK/RS/ JZH	<p>Update legal text based on Workgroup feedback, to include the following:</p> <ul style="list-style-type: none"> <li>• Review of definitions, including addition of DCRP</li> <li>• OC6.9 further amendments</li> <li>• Modifying OC6.5.3 to reflect 4 fast blocks for each DNO, and identifying voltage reduction as a separate tool</li> <li>• Clarify what will be in scope of a 'housekeeping' review of OC6.5</li> <li>• Identify whether a change is required to OC6.5.1</li> <li>• Review General Conditions and Governance Rules amendments</li> </ul>	Update provided in Workgroup 2 Papers	Open
2	SS	Consider whether the Legal Text in OC6.9.5. is applicable within the bounds of the existing licence rather than through primary legislation.	Ofgem letter circulated within Workgroup 2 Papers	Open – propose to close
3	LT	Discuss possible changes to the timeline with Proposer and Ofgem.	Verbal update to be provided in Workgroup meeting 2	Open – propose to close

# Timeline for GC0176 as at 19 March 2025

Milestone	Date	Milestone	Date
Modification presented to Panel	12 December 2024	Code Administrator Consultation (1 month)	29 July 2025 – 29 August 2025
Workgroup Nominations (15 business Days)	17 December 2024 – 10 January 2025	Draft Final Modification Report (DFMR) issued to Panel	17 September 2025
Workgroup 1 <b>Workgroup 2</b> Workgroup 3 Workgroup 4	03 March 2025 <b>26 March 2025</b> 15 April 2025 23 April 2025	Panel undertake DFMR recommendation vote	25 September 2025
Workgroup Consultation (15 business days)	28 April 2025 – 19 May 2025	Final Modification Report issued to Panel to check votes recorded correctly	30 September 2025 – 07 October 2025
Workgroup 5 Workgroup 6	03 June 2025 01 July 2025	Final Modification Report issued to Ofgem	08 October 2025
Workgroup report issued to Panel (5 business days)	16 July 2025	Ofgem decision	TBC
Panel sign off that Workgroup Report has met its Terms of Reference	24 July 2025	Implementation Date	10 Business days after Ofgem decision

# Terms of Reference

Workgroup Terms of Reference	
a)	Implementation and costs;
b)	Review draft legal text should it have been provided. If legal text is not submitted within the Grid Code Modification Proposal the Workgroup should be instructed to assist in the developing of the legal text;
c)	Consider whether any further Industry experts or stakeholders should be invited to participate within the Workgroup to ensure that all potentially affected stakeholders have the opportunity to be represented in the Workgroup. Demonstrate what has been done to cover this clearly in the report; and
d)	Consider implications to sections linked to the Regulated Sections of the Grid Code;
e)	Consider the implications for Network Operators (DNO/iDNO's) of the modification proposal, including the design and implementation of the Demand Control Restoration Protocol;
f)	Consider how the Demand Control Restoration Protocol (DCRP) will be instructed;
g)	Consider the ownership and governance of the Demand Control Restoration Protocol;
h)	Review the proposal to ensure there are no unintended consequences with other aspects of OC6; for example, overlap and / or interaction between OC6 demand control / disconnection blocks, LFDD blocks and Demand Control Restoration Protocol rotation blocks.
i)	Identify DNO/iDNO licence / regulatory obligations and incentives could be impacted by the Demand Control Rotation Protocol and whether the Grid Code could exempt a DNO/iDNO from those licence / regulatory obligations and incentives;
j)	Consider whether there are any changes required to the Distribution Code (DCode), particularly DOC6.



# Proposer's Update

Rebecca Scott – NESO



# Legal Text

Drafted and sent before Workgroup 2:

- Amendments to OC6. This includes:
  - OC6.1.5 – Protected Sites
  - OC6.5.3 – separating demand control and voltage control. Making Fast Load Blocks use clearer.
  - OC6.9 – amendments following Workgroup feedback
- DCRP Summary as a Grid Code Associated Document.
- Amendment to the General Conditions to reference the Associated Document for the DCRP Summary in the correct place (if this is the chosen approach).
- Amendments to Governance Rules to include OC6.9 as a Manual Demand Disconnection tool.
- Glossary of Terms:
  - Amendments to definitions discussed in Workgroup 1
  - New definitions as proposed from Workgroup 1 feedback.

All changes to The Grid Code need to be reflected in the D-Code

# Legal Text

Requires drafting:

- The new notices in OC6.9 for Demand Control Rotation (templates will also be included in the Protocol).
- Amendments to OC7 to include the new notices (bring to Workgroup 3).
- Amendments to OC6.5.4 / OC6.5.5.
- DCRP to be included in the Systems Defence Plan.

Requires updating (pending modification):

- Full DCRP (industry version)
- DCRP Summary (public version)

All changes to The Grid Code need to be reflected in the D-Code

# Amended Definitions

Term	Definition
<b>Fast Load Blocks</b>	<p><del>Load Blocks</del> that can be disconnected by <del>Network Operators</del> at very short notice, allowing them to be used during an <b>Event</b>. <del>Fast Blocks</del> have the suffix letters R, S, T, U.</p> <p>A <b>Load Block</b> that can be disconnected by a <b>Network Operator</b> without delay when instructed by <b>The Company</b> and which shall be designated by the <b>Network Operator</b> with a unique identifier R, S, T or U (in accordance with the Electricity Supply Emergency Code).</p>
<b>Load Blocks</b>	<p>Each <del>Network Operator User System</del> consisting (wholly or mainly) of electric lines used for distribution of electricity from <del>Grid Supply Points</del> or <del>Generating Units</del> or <del>Power Generating Modules</del> or other entry points to the point of delivery to <del>Customers</del>, or other <del>Users</del>, divided into 18 x 5% (approximately) <del>Load Blocks</del>, with a suffix letter (A, B, C, D, etc.) attributed to each.</p> <p>Part of a <b>Network Operator's User System</b> that the <b>Network Operator</b> reasonably believes imposes a demand of between 4-6% on the <b>NETS</b> which the <b>Network Operator</b> can disconnect via switching operations, and which shall be designated by the <b>Network Operator</b> with a unique identifier in the range A to E, G to N or P inclusive (in accordance with the Electricity Supply Emergency Code).</p>

# Additional Definitions

Term	Definition
<b>Activation Schedules</b>	The detailed instruction sent from <b>The Company</b> to <b>Network Operators</b> when the <b>Demand Control Rotation Protocol</b> is activated. This includes what <b>Load Blocks</b> are to be disconnected and at what time.
<b>Demand Control Rotation Protocol (DCRP)</b>	An industry protocol that details the arrangements between <b>The Company</b> and <b>Network Operators</b> to manage shortfalls in <b>Demand</b> (as outlined in OC6.9).
<b>Emergency Response Team (ERT)</b>	A group containing representation across industry that meets during an emergency to discuss the actions that industry will take to address the emergency.
<b>National Electricity Transmission System Notice – DCRP Imminent</b>	A warning issued by <b>The Company</b> , in accordance with OC6.9.4, which is intended to provide direction to the <b>Network Operators</b> who have received <b>DCRP Activation Schedule</b> from <b>The Company</b> to implement them within one hour.
<b>National Electricity Transmission System Notice – Initiation of DCRP</b>	A notice issued by <b>The Company</b> , in accordance with OC6.9.2, which is intended to direct <b>Network Operators</b> to initiate the <b>DCRP</b> and reconfigure their networks as required to be able to enact <b>DCRP</b> .
<b>National Electricity Transmission System Notice – DCRP Stand Down</b>	A notice issued by <b>The Company</b> , in accordance with OC6.9.6, which is intended to direct <b>Network Operators</b> to stand down <b>DCRP</b> arrangements as soon as reasonably practicable and return to conditions before <b>DCRP</b> activation.

# Review of Legal Text

Amendments include:

- OC6.1.5
- OC6.5.3
- OC6.5.4 – what approach do we need to take?
- OC6.9



# DCRP Summary

We believe it is no longer necessary for the DCRP Summary to be listed in the General Conditions. However, it should still be an Associated Document that is stored with other Guidance Notes.

- Do you agree with this approach?
- Are there any further amendments required to OC6.9 to ensure all obligations are in the Grid Code?

# Summary of questions for Workgroup

- Are their further amendments required to OC6.5.1 in relation to the changes in OC6.5.3?
- Are the timings of 2-5 minutes still appropriate for use of Fast Load Blocks? (OC6.5.3 and OC6.5.4)
- What is the appropriate approach for OC6.5.4 in relation to the changes in OC6.5.3?
- What changes need to be made to OC6.5.5 in relation to the changes in OC6.5.3?
- New Notices – do we need to repeat the notices? If so, what should be the cycle of repetition and what should be included in the Grid Code?
- Does Demand Control Rotation Period need to be included as a defined term?
- What is the decision on clause OC6.9.6?
- General Conditions – should we include DCRP or is it okay for DCRP to be an Associated Document that is not included in the General Conditions?

# AOB & Next Steps

Lizzie Timmins – NESO Code Administrator

