

# GC0102 – EU Connection Codes GB Implementation – System Management & Compliance



Grid Code Panel – *21 June 2017*  
*Franklin Rodrick* – National Grid

# Background

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- GC0102 will be covering two elements of RfG, DCC and HVDC – System Management and Compliance
- Historically, there have been system management requirements and compliance processes defined in the GB codes
- System management covers areas such as Monitoring, Protection settings, automatic reconnection/control schemes, operational metering etc.
- Compliance is split into two parts – Operational Notification and Compliance testing processes

# Proposed Grid Code Modification

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- This modification proposes to implement the EU Connection Codes system management and compliance requirements into the Grid and Distribution codes.
- If the existing GB processes does not conflict with the EU Codes then no changes will be made. Any new requirements will have to be defined in the codes.
- Since most of the requirements are similar across the 3 Connections codes, the requirements for RfG will be finalised first and then the same principles can be adopted for DCC and HVDC.
- Any requirements that are defined by the TOs and result in changes to any standards documents will have to be approved through the relevant governance process.

# Justification against Applicable Grid Code Objectives

Impact of the modification on the Relevant Objectives:	
Relevant Objective	Identified impact
To permit the development, maintenance and operation of an efficient, coordinated and economical system for the transmission of electricity	Positive
To facilitate competition in the generation and supply of electricity (and without limiting the foregoing, to facilitate the national electricity transmission system being made available to persons authorised to supply or generate electricity on terms which neither prevent nor restrict competition in the supply or generation of electricity)	Positive
Subject to sub-paragraphs (i) and (ii), to promote the security and efficiency of the electricity generation, transmission and distribution systems in the national electricity transmission system operator area taken as a whole	Positive
To efficiently discharge the obligations imposed upon the licensee by this license and to comply with the Electricity Regulation and any relevant legally binding decisions of the European Commission and/or the Agency; and	Positive
To promote efficiency in the implementation and administration of the Grid Code arrangements	Neutral

## Governance route

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Given the complexity and wide-ranging impact of the changes proposed in this mod, the proposer believes that self-governance or fast track governance arrangements are not appropriate in this case.

Instead, 'Normal' Grid Code governance processes should be followed.

# Code Administrator



Chrissie Brown

21/06/2017

# Code Administrator Proposed Progression

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- The Panel is asked to agree:

This modification should:

- be assessed by a Workgroup and where these discussions should be held:
  - Workgroup day (6<sup>th</sup> July)
  - Separate Workgroup
- Terms of Reference for the Workgroup

## Proposed Timetable

Workgroup Meeting 1	6 July 2017
Workgroup Meeting 2	August 2017
Workgroup Meeting 3	September 2017
Workgroup Consultation (15 Working days)	September 2017
Workgroup Meeting 4	October 2017
Workgroup Report presented to Panel	15 November 2017
Code Administration Consultation Report issued to the Industry	17 November 2017
Draft Final Modification Report presented to Panel	12 December 2017



## Proposed timetable

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Modification Panel Recommendation vote	20 December 2017
Final Modification Report issued the Authority	10 January 2018
Authority decision due (25WDs)	14 February 2018
Decision implemented in Grid Code	01 March 2018