

Key Code Interactions (Version 6 - 6th November)

Code	Modification	Description	Status	ON Interaction?	Contacts & ON Reps	ON Products
GC	GC0096 Energy Storage	This work seeks to modify the Grid Code to define the appropriate technical requirements for Storage technologies connecting to the Transmission system.	In progress, workgroup report Oct 2018	Possible	David Spillett	
GC	GC0097 Project TERRE Link to BSC Modification P344	The introduction of a European market in replacement reserves will require increased GBSO-DNO interaction for effective use of distribution connected resources. The wider changes to implement Project TERRE are also likely to increase DER participation in GB balancing services.	Approved in Aug 2018.	Yes	Ongoing discussion with Project TERRE team: John West, Alex Howison	WS1 Product 13 - Operational Data & Control Architectures
GC	GC0104 Demand Connections Code (Joint with DCRP)	EU Connection Codes GB Implementation – Demand Connection Code. This includes requirements for demand response services.	Original GC proposal approved in Sept 2018.	Yes	Mike Kay Graeme Vincent	WS1 Product 2 - DER Services Procurement WS2 Product 6 - Post Connection Changes
GC	GC0106 SOGL Data Exchange Requirements (Joint with DCRP)	The workgroup has completed its report and has recommended that the original proposal be taken forward. This includes more frequent exchange of network data and requirements on DNOs to identify connected generation below 1MW.	Workgroup has completed report for GC Panel.	Yes	Mike Kay Graeme Vincent	WS1 Product 12 - TSO/ DSO & DER Data Req'ts. WS1 Product 13 - Operational Data & Control Architectures
GC	GC0114 SOGL Pre-Qualification Processes (Joint with DCRP)	This covers supplier pre-qualification processes for frequency management services. Areas being debated include whether testing requirements are included in the Grid Code.	Workgroup consultation complete. ON input provided.	Yes	John West	WS1 Product 2 - DER Services Procurement
GC	GC0117 - Improving transparency & consistency of access arrangements through common PGM requirements	A single, harmonised set of common requirements across GB is proposed for generators of different Types (B, C and D) by standardising the categories of Large, Medium and Small stations across GB. This is intended to reduce inconsistent and uneconomic behaviours.	Workgroup is ongoing.	Possible	Mike Kay Graeme Vincent Richard Woodward	WS1 Product 12 - TSO/ DSO & DER Data Req'ts.
DC	DCRP ER P2 WG ER P2 Security of Supply Standard	Updates to P2 Standard to cover the treatment of flexible distribution connected demand and generation resources.	With Ofgem for decision. Timescales TBC.	Yes		WS1 Product 4 - Reliability Standards & Emergency Req'ts
DC	DC0079 Frequency Changes during Large Disturbances and their effect on the Total System	This addresses the impacts of high Rate of Change of Frequency (RoCoF) on the GB network and requirements for Loss of Mains (LoM) Protections. Proposals for LoM protections have been agreed for new generators. A consultation on further changes to LOM for previously commissioned generators was carried out during July/August 2018 and further proposals are awaited.	Ofgem approved Phase 2 modification on 3rd May 2018.	Possible		WS1 Product 4 Reliability Standards & Emergency Requirements WS1 Products 10 & 11 Facilitating Connections
SQSS	GSR016 Embedded Generation Assumptions	Transmission boundary transfers need to consider the impact of increasing embedded generation. GSR016 is to amend the NETS SQSS to specify how to include the impact of small and medium power stations.	Approved. Awaiting Ofgem consultation on Licence Changes	Yes	SQSS Workgroup includes: Bless Kuri, SHET	WS1 Product 4 - Reliability Standards & Emergency Req'ts
SQSS	GSR022 Security and Economy Required Transfer Conditions	This modification is to consider issues and interactions that arise when applying NETS SQSS Section 4 criteria due to the increasing availability of new generation types.	Workgroup Active	Possible	SQSS Workgroup includes: Bless Kuri, SHET	WS1 Product 4 - Reliability Standards & Emergency Req'ts
SEC	SECMP0046	Allow DNOs to control Electric Vehicle chargers connected to Smart Metering infrastructure	Workgroup Active	Possible		
STC	STCP27-01 System Performance Monitoring	This procedure would improve system monitoring.	Complete	No		
STC	STCP11-4 Enhanced Service Provision	This procedure cover the procurement and management of services by the ESO from TO's.	Ongoing proposal.	Possible		
DCUSA	DCP 319 & DCP 321 Removal of residual charging for embedded generators in the CDCM & EDCM	The intent of these change proposals are to amend the application of residual charging in respect of embedded generators.	Ongoing - may be impacted by the Targeted Charging Review	Possible	Workstream 4	
CUSC	CMP291 - The open, transparent, non discriminatory and timely publication of harmonised rules for grid connection	This will set out within the CUSC the obligations in the EU Connection Network Codes and System Operation Guideline as they relate to the harmonised rules for connection and system operation in GB. (Linked to GC0117.)	Workgroup is ongoing.	Possible	Richard Woodward, Graeme Vincent	
CUSC	CMP296 & CMP297 - Aligning the CUSC to the BSC post-P344 (Project TERRE)	BSC modification P344 creates the concept of Virtual Lead Parties (VLPs) which will have Secondary BMUs registered to them. The purpose of these changes are to avoid VLPs and Secondary BMUs incurring BSUoS charges as otherwise, metered volumes would be charged twice.	With Ofgem for decision. Indicative timescale TBC.	Possible	Ongoing work with Project TERRE: John West, Alex Howison	
CUSC	CMP298 Statement of Works	This is to ensure that processes for assessing the impacts of DER on the transmission system are made more efficient for network companies and connectees.	Workgroup ongoing.	Yes	Deborah MacPherson, Richard Smith	WS1 Product 9 - TSO-DSO Transmission Impacts
BSC	P344 Project TERRE implementation into GB market arrangements	This aligns the BSC with the European Balancing Project TERRE (Trans European Restoration Reserves Exchange) requirements. The change covers implementation of the project at national level.	Approved and awaiting implementation.	Yes	Ongoing work with Project TERRE: John West, Alex Howison	WS1 Product 13 - Operational Data & Control Architectures
BSC	P355 Introduction of a BM Lite Balancing Mechanism		Withdrawn Sept 2018 following P344 approval.	No	As P344.	As P344.

Changes have been taken on board in ongoing ON work.

Some potential for interaction with ON work.

Further ON involvement should be considered.