

GC0097 TERRE – Terms of Reference

Governance

1. A TERRE workgroup was endorsed by the Grid Code Review Panel (GCRP) at the 16 November 2016 GCRP meeting.
2. The Workgroup shall formally report to the GCRP.
3. It will be essential to coordinate with BSC modification P344, which is managing the settlement aspects of TERRE implementation. It will also need to coordinate with Grid Code mod GC0095, which is managed Transmission System Operation Guideline implementation, in regards to the Replacement Reserve prequalification provisions.

Membership

4. The Workgroup shall comprise a suitable and appropriate cross-section of experience and expertise from across the industry, which shall include:

Name	Role	Representing
Ryan Place	Chair/Technical Secretary (x1)	Grid Code - Code Administrator
Richard Woodward	Lead (x1)	National Grid System Operator
Nazar Ivasyuk & Tim Truscott	Technical Expert (x2)	National Grid System Operator
John Lucas	BSCCo Rep (x1-2)	Elexon - BSCCo
Ian Tannar & Steve Tailor	Industry Representative (x2)	Market Participants: Small Generators/Demand Users
Tim Ellingham & Campbell McDonald	Industry Representative (x2)	Market Participants: Medium Generators/Demand Users
Paul Jones & Christopher Proudfoot	Industry Representative (x2)	Market Participants: Large Generators/Demand Users
Carolina Escudero (UK Power Networks)	Industry Representative (x2)	DNO
Grendon Thompson	Authority Representative (x1)	Ofgem

Meeting Administration

5. The frequency of Workgroup meetings shall be defined as necessary by the Workgroup chair to meet the scope and objectives of the work being undertaken at that time.
6. The Grid Code - Code Administrator will provide Chair and Technical Secretary resource to the Workgroup. They will also handle administrative arrangements such as venue, agenda and minutes.

7. The Workgroup will have a dedicated section on the National Grid website to enable information such as minutes, papers and presentations to be available to a wider audience.

Scope

8. The Workgroup shall consider and report back on the following:

Workgroup Meeting One: Balancing Services Provider (BSP) participation data submission to the TSO and Dispatch Methodology

Agree:

- The necessary data items needed from BSPs to participate in TERRE
- The processes (e.g. systems) by which these are submitted to the GB TSO
- The approach for parties to be dispatched by the TSO once activated by TERRE

Workgroup Meeting Two: Dispatch Methodology (cont'd) and interaction with the BM

Continuing the topics from the first meeting, agree the dispatch processes for TERRE activations (including timings), and consider the interactions with the Balancing Mechanism.

Workgroup Meeting Three – Participation by non-BM and Aggregators/Virtual PPMs

Based on the proposals developed from the previous meeting, this session will confirm whether they are fit for purpose for smaller parties who may not be Balancing Mechanism participants), and for aggregators.

Workgroup Meeting Four – Pre-qualification and enabling participation

Workgroup Meeting Five –TERRE Coordination with DNOs and BSCCo

Confirm any Grid Code obligations required for the GB TSO and DNOs to coordinate to manage participation from distribution-connected BSPs, as well as any reporting obligations to the BSCCo, based on actions taken by the GB TSO for TERRE etc.

Workgroup Meeting Six – Placeholder in case required.

Out of scope

The scope of the Workgroup shall not include forming EU methodologies for facilitating TERRE, for example...

- BSP ramping;
- Currency for pricing or party settlement
- TSO unsharing/restricting TERRE bids
- Party prequalification

GC0097 will coordinate with the TERRE Central Project, GB TSO and P344 to apply appropriate methodologies from the above within the Grid Code if the workgroup appropriate.

Also out of scope:

- BSP Trading & Settlement procedural process steps – this will be managed in BSC workgroup P344
- Coordination with the TERRE central project in respect of their development of dispatch algorithms and communication links between TSOs and their central platform
- Adjustment of any TSO internal processes;

Deliverables

9. The Workgroup will provide updates and a Workgroup Report to the Grid Code Review Panel which will:
 - Detail the findings of the Workgroup;
 - Draft, prioritise and recommend changes to the Grid Code and associated documents in order to implement the findings of the Workgroup; and
 - Highlight any consequential changes which are or may be required

Timescales

10. It is anticipated that this Workgroup will provide an update to each GCRP meeting and present a Workgroup Report to the July 2017 GCRP meeting.
11. If for any reason the Workgroup is in existence for more than one year, there is a responsibility for the Workgroup to produce a yearly update report, including but not limited to; current progress, reasons for any delays, next steps and likely conclusion dates.
12. An indicative timetable for GC0097 milestones is shown below.

20 January 2017	Workgroup Meeting One
21 February 2017	Workgroup Meeting Two
27 March 2017	Workgroup Meeting Three
25 April 2017	Workgroup Meeting Four
24 May 2017	Workgroup Meeting Five
19 July 2017	Workgroup Meeting Six (joint WG with P344)
17 August 2017	Workgroup Meeting Seven (joint WG with P344)
31 August 2017	Workgroup Meeting Eight (joint WG with P344)
01 November 2017	Workgroup Meeting Nine (joint WG with P344)
14 November 2017	Workgroup Meeting Ten (joint WG with P344)
28 November 2017	Workgroup Meeting Eleven (joint WG with P344)
12 December 2017	Workgroup Meeting Twelve (joint WG with P344)
8 January 2018	Workgroup Consultation issued (15 working days ~ close date 26 January 2018)
8 February 2018	Workgroup meeting Thirteen (review responses) GC0097 Only
14 February 2017	Workgroup meeting Fourteen review responses for P344 (joint with P344)
21 February 2018	Workgroup Fifteen (joint P344) to consider alternative options and vote
07 March 2018	Workgroup Sixteen (joint P344) to consider alternative options and vote
21 March 2018	Workgroup Report presented to Grid Code Review Panel

26 March 2018	Code Admin Consultation Report issued (15 Working Days ~ close date 17 April 2018)
2 May 2018	Draft Modification Report issued to Industry and Panel (5 Working Days)
16 May 2018	Draft Final Modification Report presented to Panel
24 May 2018	Modification Panel Recommendation Vote (5 Working Days)
29 May 2018	Final Modification Report submitted to the Authority
4 July 2018	Authority Decision (25WDs)
18 July 2018	Implementation