

## Workgroup Terms of Reference and Membership

### GC0160: Grid Code Changes for BSC Mod P448: "Protecting Generators subject to Firm Load Shedding during a Gas Supply Emergency from excessive Imbalance Charges"

#### Responsibilities

1. The Workgroup is responsible for assisting the Grid Code Review Panel in the evaluation of Grid Code Modification Proposal **Introducing Grid Code Changes for BSC Mod P448: "Protecting Generators subject to Firm Load Shedding during a Gas Supply Emergency from excessive Imbalance Charges"** raised by **Garth Graham of Scottish and Southern Energy** at the Panel meeting on **29 September 2022**. The proposal must be evaluated to consider whether it better facilitates achievement of the Applicable Grid Code Objectives.

#### Applicable Grid Code Objectives

- i) To permit the development, maintenance and operation of an efficient, coordinated and economical system for the transmission of electricity;
- ii) 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);
- iii) Subject to sub-paragraphs (i) and (ii), to promote the security and efficiency of the electricity generation, transmission and distribution systems in the national; and
- iv) 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. In conducting its business, the Workgroup will at all times endeavour to operate in a manner that is consistent with the Code Administration Code of Practice principles.
- v) To promote efficiency in the implementation and administration of the Grid Code arrangements.

#### Scope of work

2. The Workgroup must consider the issues raised by the Modification Proposal and consider if the proposal identified better facilitates achievement of the Grid Code Objectives.
3. In addition, the Workgroup shall consider and report on the following specific issues:

Workgroup Term of Reference	Location in Workgroup Report
a) Implementation and costs;	There have been not identified implementation costs as the change to the PN definition will have no impact on existing processes (page 10 of the Workgroup Report)
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;	Draft legal text has been provided for review as Annex 4 of the Workgroup Consultation. This has been finalised into Annex 6 of the Workgroup Report.
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	Further industry experts were invited to provide their feedback through the Workgroup Consultation Summary (page 10 and Annexes 4 and 5 of the Workgroup Report)
d) Consider EBR implications; and	The Workgroup concluded that there were no impacts to the EBR and this was supported by the Workgroup Consultation responses (page 10 of Workgroup Report)
e) Ensure alignment with the solution for BSC P448 modification through joint working, including using Joint Workgroups	BSC and Grid Code Joint Workgroups have been held with the respective Code Administrators working in collaboration to hit the Authority approved timeline (page 7 of the Workgroup Report)

4. As per Grid Code GR20.8 (a) and (b) the Workgroup should seek clarification and guidance from the Grid Code Review Panel when appropriate and required.
5. The Workgroup is responsible for the formulation and evaluation of any Workgroup Alternative Grid Code Modifications arising from Group discussions which would, as compared with the Modification Proposal or the current version of the Grid Code, better facilitate achieving the Grid Code Objectives in relation to the issue or defect identified.
6. The Workgroup should become conversant with the definition of Workgroup Alternative Grid Code Modification which appears in the Governance Rules of the Grid Code. The definition entitles the Group and/or an individual member of the Workgroup to put forward a Workgroup Alternative Code Modification proposal if the member(s) genuinely believes the alternative proposal compared with the

Modification Proposal or the current version of the Grid Code better facilitates the Grid Code objectives. The extent of the support for the Modification Proposal or any Workgroup Alternative Modification (WAGCM) proposal WAGCM arising from the Workgroup's discussions should be clearly described in the final Workgroup Report to the Grid Code Review Panel.

7. Workgroup members should be mindful of efficiency and propose the fewest number of WAGCM proposals as possible. All new alternative proposals need to be proposed using the Alternative Request Proposal form ensuring a reliable source of information for the Workgroup, Panel, Industry participants and the Authority.
8. All WAGCM proposals should include the Proposer(s)'s details within the final Workgroup report, for the avoidance of doubt this includes WAGCM proposals which are proposed by the entire Workgroup or subset of members.
9. There is an option for the Workgroup to undertake a period of Consultation in accordance with Grid Code GR. 20.11, if defined within the timetable agreed by the Grid Code Panel. Should the Workgroup determine that they see the benefit in a Workgroup Consultation being issued they can recommend this to the Grid Code Review Panel to consider.
10. Following the Consultation period the Workgroup is required to consider all responses including any Workgroup Consultation Alternative Requests. In undertaking an assessment of any Workgroup Consultation Alternative Request, the Workgroup should consider whether it better facilitates the Grid Code Objectives than the current version of the Grid Code.
11. As appropriate, the Workgroup will be required to undertake any further analysis and update the appropriate sections of the original Modification Proposal and/or WAGCM proposals (Workgroup members cannot amend the original text submitted by the Proposer of the modification). All responses including any Workgroup Consultation Alternative Requests shall be included within the final report including a summary of the Workgroup's deliberations and conclusions. The report should make it clear where and why the Workgroup chairperson has exercised their right under the Grid Code to progress a Workgroup Consultation Alternative Request or a WAGCM proposal against the majority views of Workgroup members. It should also be explicitly stated where, under these circumstances, the Workgroup chairperson is employed by the same organisation who submitted the Workgroup Consultation Alternative Request.
12. The Workgroup is to submit its final report to the Modifications Panel Secretary on **21 November 2022** for circulation to Panel Members. The final report conclusions will be presented to the Grid Code Review Panel meeting on **22 November 2022**.

**Membership**

13. It is recommended that the Workgroup has the following members:

Role	Name	Representing
Chair	Milly Lewis	National Grid ESO Code Administrator
Technical Secretary	Ruth Roberts	National Grid ESO Code Administrator
Proposer	Garth Graham	SSE Plc
Proposer (Alternate)	Andy Colley	SSE Plc
Workgroup Member	Camille Gilsenan/Terry Baldwin	National Grid ESO
Workgroup Member (Alternate)	Christian Parsons	National Grid ESO
Workgroup Member	Iwan Hughes	VPI Immingham
Workgroup Member (Alternate)	Peter Frampton	VPI Immingham
Workgroup Member	Paul Jones	Uniper
Workgroup Member (Alternate)	Sean Gauton	Uniper
Workgroup Member	Paul Youngman	Drax
Workgroup Member (Alternate)	Alastair Frew	Drax
Workgroup Member	Lisa Waters	Waters Wye
Workgroup Member	John Costa	EDF
Workgroup Member (Alternate)	Andrew Vaudin	EDF
Authority Representative	Luke McCartney	Ofgem

14. A (\*) Workgroup must comprise at least 5 members (who may be Panel Members). The roles identified with an asterisk (\*) in the table above contribute toward the required quorum, determined in accordance with paragraph 15 below.

15. The Grid Code Review Panel must agree a number that will be quorum for each Workgroup meeting. The agreed figure for this modification is that at least 5 Workgroup members must participate in a meeting for quorum to be met.
16. A vote is to take place by all eligible Workgroup members on the Modification Proposal and each WAGCM. The vote shall be decided by simple majority of those present at the meeting at which the vote takes place (whether in person or by teleconference). The Workgroup chairperson shall not have a vote, casting or otherwise. There may be up to three rounds of voting, as follows:
  - Vote 1:** whether each proposal better facilitates the Applicable Grid Code Objectives;
  - Vote 2:** where one or more WAGCMs exist, whether each WAGCM better facilitates the Applicable Grid Code Objectives than the original Modification Proposal;
  - Vote 3:** which option is considered to BEST facilitate achievement of the Applicable Grid Code Objectives. For the avoidance of doubt, this vote should include the existing Grid Code baseline as an option.

The results from the vote and the reasons for such voting shall be recorded in the Workgroup report in as much detail as practicable.
17. It is expected that Workgroup members would only abstain from voting under limited circumstances, for example where a member feels that a proposal has been insufficiently developed. Where a member has such concerns, they should raise these with the Workgroup chairperson at the earliest possible opportunity and certainly before the Workgroup vote takes place. Where abstention occurs, the reason should be recorded in the Workgroup report.
18. Workgroup members or their appointed alternate are required to attend a minimum of 50% of the Workgroup meetings to be eligible to participate in the Workgroup vote.
19. The Technical Secretary shall keep an Attendance Record for the Workgroup meetings and circulate the Attendance Record with the Action Notes after each meeting. This will be attached to the final Workgroup report.
20. The Workgroup membership can be amended from time to time by the Grid Code Review Panel and the Chairperson of the Workgroup.