

Grid Code Review Panel – Special Panel

Tuesday 18 October 2022

Online Meeting via Teams



WELCOME

As we continue to operate in these uncertain times and following best practice from other businesses, we want to adapt to be able to facilitate the governance process in the best possible way. Since moving to virtual Panel meetings, we have found it harder to accurately capture minutes and attribute comments correctly to attendees. We are also conscious of the impact of short periods of poor sound quality. With your consent, we wish to use Microsoft Teams to record all Panel meetings to help us accurately document minutes. We want to assure you that the recordings will be explicitly used to document minutes only and the same protocol for Panel meetings still applies in terms of strict confidentiality. As has always been the case, the draft minutes will be sent to Panel and the Chair for approval each month. Once the minutes are approved, the recording will be deleted. A reminder of this and consent will be sought at the beginning of each meeting, to be noted in the minutes.

As the independent Panel Chair, we have tested the appropriateness of recording Panel meetings with Trisha McAuley who is supportive of the approach. We welcome any comments or feedback on this.

Purpose of Panel & Duties of Panel Members

The **Panel** shall be the standing body to carry out the **functions** referred to in the Governance Rules (**GR3.1.1**)

Functions (GR.3.2)

The **Panel** shall endeavour at all times to operate:

- in an **efficient, economical and expeditious manner**, taking account of the complexity, importance and urgency of particular Modification Proposals; and
- With a view to ensuring that the **Grid Code** facilitates **achievement of the Grid Code Objectives**.

Duties of Panel Members & Alternates (GR.3.3)

1. Shall act **impartially** and in accordance with the requirements of the **Grid Code**; and
2. Shall not have any **conflicts of interest**.

Shall not be representative of, and shall act without undue regard to the particular interests of the persons or body of persons by whom he/she was appointed as Panel Member and any Related Person from time to time.

P448 and GC0160 Background

- The Procedures for Network Gas Supply Emergencies recognise three types of NGSE:

A Network Gas Supply Emergency could be caused by:

- Insufficient gas supplies available to the Primary System (Gas Deficit).
 - Gas Deficit Emergency – Insufficient supplies available to the Primary System.
 - Safety Monitor Breach – where there is or may be insufficient gas storage available to meet the winter demand conditions.
- A Critical Transportation Constraint in the Primary System.
 - This may occur when there is sufficient gas available but due to a constraint on the Primary System the gas cannot be transported to the correct location.

Based on the UNC drafting (previous slide):

- A GS(M)R Monitor Breach would fall within the UNC definition of Gas Deficit Emergency (and hence the scope of P448)
- A Critical Transportation Constraint would not

	Network Gas Supply Emergency (NGSE) Classification		
	Emergency Type		
	Gas Deficit: Insufficient Gas Supplies Available to the NTS		Critical Transportation Constraint in the NTS
Emergency Stage	Gas Deficit Emergency	GS(M)R Monitor Breach	Critical Transportation Constraint
1 (Potential)	<ul style="list-style-type: none"> Gas conforming to Schedule 3 Part II of GS(M)R NTS Linepack Distribution Network utilisation <ul style="list-style-type: none"> Distribution Network Storage Emergency Interruption* Public Appeals 	<ul style="list-style-type: none"> Instruct shippers & storage operators to amend storage flows Distribution Network utilisation <ul style="list-style-type: none"> Emergency Interruption* Public Appeals 	<ul style="list-style-type: none"> Gas conforming to Schedule 3 Part II of GS(M)R NTS Linepack Distribution Network utilisation <ul style="list-style-type: none"> Distribution Network Storage Emergency Interruption* Public Appeals
2	<ul style="list-style-type: none"> National Grid Gas plc's participation in the OCM will be suspended Direct Supplies into NTS Load Shedding Public Appeals 	<ul style="list-style-type: none"> National Grid Gas plc's participation in the OCM will be suspended Direct Supplies into NTS Load Shedding Public Appeals 	<ul style="list-style-type: none"> National Grid Gas plc will continue to participate in the OCM Direct Storage into NTS Load Shedding Public Appeals
3	<ul style="list-style-type: none"> Public Appeals Allocation & Isolation 	<ul style="list-style-type: none"> Public Appeals Allocation & Isolation 	<ul style="list-style-type: none"> Public Appeals Allocation & Isolation

Workgroup Report

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

Milly Lewis

Key points to note to the Panel

- The BSC framework only allows for one Alternate proposed solution. The BSC Alternate proposed solution is not believed to have any knock on effects to the Grid Code.
 - There are no WAGCMs raised as all suggested legal text changes were accepted by the Original solution Proposer.
- Due to the speed at which the modifications have been progressed further analysis will take place, during the Code Administrator Consultation period, to ensure that there are no unforeseen consequences to the PN definition change.
 - Corrective action will be taken where necessary
- Whilst there have been P448 and GC0160 Joint Workgroups; each Consultation has been run separately to ensure that the separate Terms of Reference and Applicable Objectives have been achieved.
 - The P448 EGBL Consultation opened on 14 October and will conclude 14 November.

Solution and Workgroup Vote

Summary of solution:

- A change in the definition of a Physical Notification (PN), so that in a Stage 2 or higher Network Gas Supply Emergency load shedding event, Physical Notification(s) (PN) submitted by a gas fired generator will reflect the expected output of the unit prior to the start of the gas interruption. i.e. what the affected generator would have notified had the gas not been interrupted.

Summary of Workgroup Vote:

- The GC0160 Workgroup concluded by majority (5 out of 6 votes) that the Original better facilitated the Applicable Objectives than the Baseline.

Terms of Reference

- The Workgroup conclude that they have met their Terms of Reference and the references can be located below:

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)

GC0160– the asks of Panel

- **AGREE** that the Workgroup have met their Terms of Reference
- **AGREE** that this Modification can proceed to Code Administrator Consultation
- **NOTE** that this Modification does not impact the Electricity Balancing Regulation (EBR) Article 18 terms and conditions held within the Grid Code
- **NOTE** the ongoing timeline

GC0160 Next Steps

Milestone	Date
Code Administrator Consultation (1 calendar month)	18 October 2022 to 5pm on 18 November 2022
Draft Final Modification Report issued to Panel	21 November 2022
Draft Final Modification Report presented to Panel	22 November 2022 (11:00-12:00)
Final Modification Report issued to Panel to check votes recorded correctly	22 November 2022 (14:00-15:55)
Submission of Final Modification Report to Ofgem	22 November 2022 (16:00)
Ofgem decision date	ASAP
Implementation Date	1 WD after Authority decision

Next Panel Meeting

10am on 27 October 2022 - Faraday House

Papers Day – 19 October 2022

Close



James Greenhalgh
National Grid ESO

nationalgridESO