

## Grid Code Alternative and Workgroup Vote

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

**Please note:** To participate in any votes, Workgroup members need to have attended at least 50% of meetings.

#### Stage 1 - Alternative Vote (NOT REQUIRED IN GC0160)

If Workgroup Alternative Requests have been made, vote on whether they should become Workgroup Alternative Grid Code Modifications (WAGCMs).

#### Stage 2 - Workgroup Vote

2a) Assess the Original and WAGCMs (if there are any) against the Grid Code objectives compared to the baseline (the current Grid Code).

2b) Vote on which of the options is best.

#### Terms used in this document

Term	Meaning
Baseline	The current Grid Code (if voting for the Baseline, you believe no modification should be made)
Original	The solution which was firstly proposed by the Proposer of the modification
WAGCM	Workgroup Alternative Grid Code Modification (an Alternative Solution which has been developed by the Workgroup)

#### The Applicable Grid Code Objectives:

- To permit the development, maintenance and operation of an efficient, coordinated and economical system for the transmission of electricity
- Facilitating effective 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);
- 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;
- 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
- To promote efficiency in the implementation and administration of the Grid Code arrangements



## Workgroup Vote

### Stage 2a – Assessment against objectives

To assess the Original and WAGCMs against the Grid Code objectives compared to the baseline (the current Grid Code).

You will also be asked to provide a statement to be added to the Workgroup Report alongside your vote to assist the reader in understanding the rationale for your vote.

AGCO = Applicable Grid Code Objective

Workgroup Member	Better facilitates AGCO (a)	Better facilitates AGCO (b)	Better facilitates AGCO (c)	Better facilitates AGCO (d)	Better facilitates AGCO (e)	Overall (Y/N)
	Antonia Del Castillo Zas – NGESO					
Original	<b>Y</b>	<b>Y</b>	<b>Y</b>	<b>Neutral</b>	<b>Neutral</b>	<b>Y</b>
Voting Statement: Facilitates implementation of P448, mitigating financial risk to affected Users						

Workgroup Member	Better facilitates AGCO (a)	Better facilitates AGCO (b)	Better facilitates AGCO (c)	Better facilitates AGCO (d)	Better facilitates AGCO (e)	Overall (Y/N)
	Garth Graham – SSE					
Original	<b>Y</b>	<b>Y</b>	<b>Y</b>	<b>Neutral</b>	<b>Neutral</b>	<b>Y</b>
Voting Statement: There are likely to be imminent changes needed to be made to the Grid Code as a consequence of the likely solutions from the primary BSC Modification. These changes are required to ensure that the substantial risks for gas fuelled generators in the event of gas curtailment are addressed						

Workgroup Member	Better facilitates AGCO (a)	Better facilitates AGCO (b)	Better facilitates AGCO (c)	Better facilitates AGCO (d)	Better facilitates AGCO (e)	Overall (Y/N)
	Peter Frampton – VPI Immingham					
Original	<b>Neutral</b>	<b>Neutral</b>	<b>Neutral</b>	<b>Neutral</b>	<b>Neutral</b>	<b>N</b>
Voting Statement: None received.						

Workgroup Member	Better facilitates AGCO (a)	Better facilitates AGCO (b)	Better facilitates AGCO (c)	Better facilitates AGCO (d)	Better facilitates AGCO (e)	Overall (Y/N)
	Lisa Waters – Waters Wye					
Original	<b>Neutral</b>	<b>Y</b>	<b>Y</b>	<b>Neutral</b>	<b>Neutral</b>	<b>Y</b>
Voting Statement: This mod will facilitate both the original and alternative P448 proposals. Both changes are better than the baseline as they would better fulfil Grid Code objectives (b) and (c) in particular.						



Workgroup Member	Better facilitates AGCO (a)	Better facilitates AGCO (b)	Better facilitates AGCO (c)	Better facilitates AGCO (d)	Better facilitates AGCO (e)	Overall (Y/N)
	Paul Jones – Uniper					
Original	Y	Y	Y	Neutral	Neutral	Y
Voting Statement: Facilitates P448 which should better promote competition in the wholesale market, plus remove a risk to security of supply and efficient balancing.						

Workgroup Member	Better facilitates AGCO (a)	Better facilitates AGCO (b)	Better facilitates AGCO (c)	Better facilitates AGCO (d)	Better facilitates AGCO (e)	Overall (Y/N)
	Paul Youngman – Drax					
Original	Neutral	Neutral	Y	Neutral	Neutral	Y
Voting Statement: As NGENSO have confirmed they have assessed that there are no impacts in producing relevant system warnings and notices if GC0160 came into effect, our view is that this proposal would be positive against applicable objective(c) as it would promote the security and efficiency of electricity generation and transmission.						

Of the 6 votes, how many voters said this option was better than the Baseline.

Option	Number of voters that voted this option as better than the Baseline
Original	5

### Stage 2b – Workgroup Vote

Which option is the best? (Baseline, Proposer solution (Original Proposal))

Workgroup Member	Company	BEST Option?	Which objective(s) does the change better facilitate? (if baseline not applicable)
Antonia Del Castillo Zas	NGESO	Original	a), b), c)
Garth Graham	SSE	Original	a), b), c)
Peter Frampton	VPI Immingham	Baseline	N/A
Lisa Waters	Waters Wye	Original	b), c)
Paul Jones	Uniper	Original	a), b), c)
Paul Youngman	Drax	Original	c)