

## Grid Code Alternative and Workgroup Vote

### GC0162: Changes to OC6 to amend the operational timings for the delivery of the additional demand reduction above 20%, with a focus between 20% and 40%

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

#### Stage 1 - Alternative Vote

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 1 – Alternative Vote

Vote on Workgroup Alternative Requests to become Workgroup Alternative Grid Code Modifications.

*The Alternative vote is carried out to identify the level of Workgroup support there is for any potential alternative options that have been brought forward by either any member of the Workgroup OR an Industry Participant as part of the Workgroup Consultation.*

*Should the majority of the Workgroup OR the Chair believe that the potential alternative solution would better facilitate the Grid Code objectives than the Original proposal then the potential alternative will be fully developed by the Workgroup with legal text to form a Workgroup Alternative Grid Code modification (WAGCM) and submitted to the Panel and Authority alongside the Original solution for the Panel Recommendation vote and the Authority decision.*

“Y” = Yes

“N” = No

“-“ = Neutral (*Stage 2 only*)

“Abstain”

**No Alternative Proposals have been raised for this modification.**

## Stage 2a – Assessment against objectives

To assess the Original 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)
	Alastair Frew - Drax					
Original	-	-	Y	-	-	Y
Voting Statement: This modification removes any reason for protection not being given to sites due to the Grid Code requirements, it also makes it clearer that large steps in demand are likely longer and reduce potential system issues due to sudden large steps in demand.						

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)
	Andrew Colley – SSE Generation					
Original	Y	-	Y	Y	-	Y
Voting Statement: The modification will clarify timings in an emergency situation, thus enabling DNOs to more effectively manage demand control obligations under the Grid Code, whilst protecting certain critical sites where technically feasible. This should result in a more efficient overall security of supply and more beneficial social welfare for GB consumers.						

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)
	Andrew McLeod – Northern Powergrid					
Original	Y	-	Y	Y	-	Y
Voting Statement: This approach will reduce the risk to customer sites, named in the Protected Sites List under the Electricity Supply Emergency Code, connected to the NPg network where loss of supply may have a societal impact.						

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)
	Grace March - Sembcorp					
Original	Y	-	Y	Y	-	Y

Voting Statement: By confirming timings in an emergency situation, this modification allows DNOs to respond appropriately within the Grid Code (ACO d), to achieve economic and efficient (ACO a) resolution to enable security of the system as a whole (ACO c)

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)
	Graeme Vincent – SP Energy Networks					
Original	Y	-	Y	Y	-	Y
Voting Statement: In allowing further time to complete demand control under OC6.5 this modification removes some of the technical barriers faced in protecting PSL customers.						

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)
	Gwyn Jones - National Grid Electricity Distribution					
Original	-	-	Y	Y	-	Y
Voting Statement: PSL sites will be better protected. The changes add specificity to the timelines expected in the event for the need to execute Demand Control.						

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)
	Richard Wilson – UK Power Networks					
Original	Y	-	Y	Y	-	Y
Voting Statement: The original proposal of this modification provides a better method for timings for DNO's to respond to their responsibilities under the Grid Code to ensure the security of the system.						

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)
	Usman Farooq – National Grid ESO					
Original	Y	-	Y	Y	-	Y
Voting Statement: This modification will provide better overall security to the system, protecting critical sites where technically feasible and allow DNO's to remain compliant with Grid Code obligations.						

Of the 8 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	8

### Stage 2b – Workgroup Vote

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

Workgroup Member	Company	BEST Option?	Which objective(s) does the change better facilitate? (if baseline not applicable)
Alastair Frew	Drax	Original	c
Andrew Colley	SSE Generation	Original	a, c, d
Andrew McLeod	Northern Powergrid	Original	a, c, d
Grace March	Sembcorp	Original	a, c, d
Graeme Vincent	SP Energy Networks	Original	a, c, d
Gwyn Jones	National Grid Electricity Distribution	Original	c, d
Richard Wilson	UK Power Networks	Original	a, c, d
Usman Farooq	National Grid ESO	Original	a, c, d