

## Grid Code Alternative and Workgroup Vote

### GC0141: Compliance Processes and Modelling amendments following 9th August Power Disruption

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

#### 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)
	Afshin Pashaei, NGET					
Original	Y	Y	Y	Y	Y	Y
Voting Statement: It improves security and reliability of the network.						

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 Generation Enterprise Ltd					
Original	Neutral	Neutral	N	Neutral	Neutral	N
Voting Statement: The Proposer is suggesting that the new text being added to CC.6.3.15 and ECC.6.3.15 are just clarifications, however we believe these are a new retrospective requirements being applied to all Users. These new requirements may be difficult for existing User and have given a fuller explanation in the WAGCM11 Alternate form.						

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)
	Ben Marshall, HVDC Centre					
Original	Y	Y	Y	Y	Y	Y
Voting Statement: Noting GC0155 is evolving definitions of the event further, this proposal allows further clarity and robustness within existing process.						

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)
	Christopher Smith, National Grid Ventures/National Grid Interconnector Holdings Ltd					
Original	Y	Neutral	Y	Neutral	Y	Y
Voting Statement: The modification provides greater clarity to USERS as to the requirements for FRT						

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)
	Colin Foote, SP Energy Networks					
Original	Neutral	Neutral	Neutral	Neutral	Neutral	N
Voting Statement: This part of the proposal would be better dealt with in a more comprehensive review of FRT, in GC0155.						

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)
	Isaac Gutierrez, Scottish Power Renewables (UK) Limited					
Original	N	N	N	N	N	N
Voting Statement: SPR considers that no change from baseline in respect of CC/ECC.6.3.15 should be done. SPR does not support retrospective requirements as this could impact existing plant that already got a FON.						

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)
	Mark Horley, National Grid ESO					
Original	Y	Y	Y	Y	Y	Y
Voting Statement: Additional text makes it clearer that fault ride through applies during and after a fault.						

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)
	Marko Grizelj, Siemens Energy Ltd					
Original	Y	Y	Y	Y	Y	Y
Voting Statement: The original better facilitates the AGCOs than the baseline.						

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)
	Martin Aten, Uniper Technologies Limited					
Original	Y	Y	Y	Y	Y	Y
Voting Statement:						

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)
	Michael Smailes, Offshore Renewable Energy Catapult					
Original	Y	Y	Y	Y	Y	Y
Voting Statement:						

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)
	Nicola Barberis Negra, Orsted Hornsea Project Three Uk Ltd					
Original	Y	N	Y	N	N	N
Voting Statement: The new 30min requirement may be too demanding and retrospectivity should not be applicable to projects that were not designed with this 30min requirement in mind, unless further investigations are made before the Grid Code is modified. Maybe GC155 is the correct forum for this topic. So, my preference is for the baseline until further assessments are made						

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)
	Pukar Mahat, Siemens Gamesa Renewables					
Original	Y	Y	Y	Y	Y	Y
Voting Statement:						

It makes requirement more clear.

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)
	Sigrid Bolik, Siemens Plc					
Original	Y	Y	Y	Neutral	Neutral	Y
Voting Statement: Improves clarity about the applicable changes.						

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)
	Tim Ellingham, RWE Supply and Trading					
Original	Y	Y	Y	N	Y	Y
Voting Statement:						

## Stage 2b – Workgroup Vote

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

Workgroup Member	Company	BEST Option? (Original, Baseline, WAGCMs)	Which objective(s) does the change better facilitate? (if baseline not applicable)
Afshin Pashaei	NGET	Original	All
Alastair Frew	Drax Generation Enterprise Ltd	Baseline	N/A
Ben Marshall	HVDC Centre	Original	All
Christopher Smith	NG Ventures/NG Interconnector Holdings Ltd	Original	a, c, e
Colin Foote	SP Energy Networks	Baseline	N/A
Isaac Gutierrez	Scottish Power Renewables (UK) Limited	Baseline	N/A
Mark Horley	NGESO	Original	All
Marko Grizelj	Siemens Energy Ltd	Original	All
Martin Aten	Uniper Technologies Limited	Original	All

Michael Smailes	Offshore Renewable Energy Catapult	<b>Original</b>	<b>All</b>
Nicola Barberis Negra	Orsted Hornsea Project Three Uk Ltd	<b>Baseline</b>	<b>N/A</b>
Pukar Mahat	Siemens Gamesa Renewables	<b>Original</b>	<b>All</b>
Sigrid Bolik	Siemens Plc	<b>Original</b>	<b>a, b, c</b>
Tim Ellingham	RWE Supply and Trading	<b>Original</b>	<b>a, b, c, e</b>

Of the 14 votes, how many voters said this option was best.

<b>Option</b>	<b>Number of voters that voted this option as better than the Baseline</b>
Original	<b>10</b>
Baseline	<b>4</b>