

ANNEX 4

Summary of GC0173 changes

Proposers Solution (subclause from GC0173 Report)	Grid Code Clause	Changes	Comment
(a)	PC.3.1.4	Remove thermal storage technologies from PC.A.3.1.4	Storage technologies removed and PC.A.3.1.4 reformatted.
(b)	CC3.3.1 – CC.3.3.3	Change references of GB Generator to Embedded Medium Power Station not subject to a Bilateral Agreement.	Text updated and shared with Workgroup
(b)	ECC3.3.1 – ECC3.3.3	Change references of EU Generator to Embedded Medium Power Station not subject to a Bilateral Agreement.	Text updated and shared with Workgroup
(c)	ECC.6.1.2.2	Updates to application of frequency sensitive relays in respect of HVDC Systems and Remote End HVDC Converter Stations	Explicit clause introduced to ECC.6.1.2.2.1 to prohibit disconnection by frequency or speed based relays to ensure consistency with ECC.6.1.2.1.3 and CC.6.1.3
	Table ECC.6.1.2.2	Table ECC.6.1.2.2 updated to change 90 minutes and 30 seconds to 90 minutes 30 seconds	Agreed by workgroup to improve legibility
(c)	ECC.6.1.2.3	Updates to application of frequency sensitive relays in respect of HVDC Systems and Remote End HVDC Converter Stations	Explicit clause introduced to ECC.6.1.2.2.1 to prohibit disconnection by frequency or speed based relays to ensure consistency with ECC.6.1.2.1.3 and CC.6.1.3
	ECC.6.3.2.3.1	Reference to ECC.6.3.2.3.5 changed to ECC.6.3.2.3.4	Agreed with Workgroup
	ECC.6.3.8.5	References corrected in ECC.6.3.8.5.1 and text corrected in ECC.6.3.8.5.2 as the current	Agreed with Workgroup

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		drafting refers to reactive power control and it should refer to voltage control	
(c)(d)	ECC.6.3.12.1 and ECC.6.3.13.5	Text updated to include the statement “...or unless The Company has agreed to or rate-of-change of Frequency relays which will trip such Generating Unit, HVDC System, OTSDUW Plant and Apparatus, Power Park Module and any constituent element within this Frequency range, under the Bilateral Agreement”. This is consistent with CC.6.3.12 but reference to frequency level relays has been removed as it would be in contravention of RfG Article 13(1).	Agreed with Workgroup
(c)(d)	ECC.6.3.13.2 to ECC.6.3.13.4	Text in last sentence of paragraphs starting with the wording “For the avoidance of doubt...” has been removed to ensure consistency with CC.6.3.13.	Agreed with Workgroup
(f)(g)	ECC8.1	Re-worded and re-structured to improve clarity and ensure consistency with CC.8.1. The restructured text makes it clear that the obligation applies to any EU Generator with a CUSC Contract and owns and operates a Large, Medium or Small Power Station and comprises a Type C or Type D Power Generating Module.	Agreed with Workgroup
	ECP.A.3.5.1(iii) and (iv), ECP.A.3.6.8 (i), (ii) and (iii), ECP.A.3.6.10,	Seconds changed to s	Format improved

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	ECP.A.3.7.2, ECP.A.3.9.4,		
	ECP.A.4.3.4(b)	Typo – Word “or” added	
	ECP.A.5.8.8, ECP.A.6.8.8	Text removed “or 90 seconds whichever is longer	
(i)	ECP.A.6.2.1	Text updated to permit reactive power tests to be completed in accordance with ECC.6.3.8.4 or ECC.6.3.8.5 where the reactive capability is independent of the number of units in service.	Agreed with Workgroup and sub workgroup members.
(h)	ECP.A.6.4.1, ECP.A.6.5.1	Additional references added and clarifications included to confirm that storage tests would not be restricted by MW resource as in the case of an intermittent power source as in the case of wind farm.	Agreed with Workgroup
	ECP.6.4.6	Numbering corrected	Agreed with Workgroup
(h)	ECP.A.6.6.10 (iii)	Typo – 0.5 seconds changed to 10 seconds	
(j)	ECP.A.6.8.1	Re-written to improve clarity. References updated and new drafting added to bottom of paragraph.	Agreed with Workgroup
(h)	ECP.A.6.8.2	Additional references added and new drafting added to bottom of paragraph relating to MW resource.	Agreed with Workgroup
	BC3.5.1	Text clarified that the requirement specifically applies to a Type C or Type D Power Generating Module owned and operated by an EU Generator with a CUSC Contract.	Agreed with Workgroup

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	General	Throughout this modification, the opportunity has been taken to correct typographical errors.	