

New Modifications for GCRP 11 – 09/06/2005

MP ID	Section	Clause	Version of Code	Modification	Proposed by	Comments	Comments from GCRP (see minutes for more comprehensive details)	Recommend for Approval?
133	CC	7.4	V1.2 May 2005	Inclusion of Power Factor for Demand Customers. New section CC.7.4 to be added and entitled "Grid Connected Demand Customers". See separate document. MPID133	ESBNG	See separate document. MPID133	See minutes	NO
134	OC4	3.4.2 (c)	V1.2 May 2005	Change current clause to "A Frequency Deadband of no greater than +/- 15mHz may be applied to the operation of the Governor Control System, with prior consultation and agreement with ESBNG." Add in definition for "Frequency Deadband": "The total magnitude of the change in steady state speed (expressed as a range of Hz (\pm x Hz) where "x" is a numerical value) within which there is no resultant change in the position of the governing valves of the Governor Control System."	ESBNG	The purpose of this deadband is to smooth out higher frequency noise, inherent in the system frequency while the grid frequency is under stable operation.	Text "with prior consultation and agreement with ESBNG" is not appropriate in order for a change to be effective.	YES with text "with prior consultation and agreement with ESBNG" removed
135	CC	7.3.6.1	V1.2 May 2005	100kV to be replaced with 99kV in both "100kV to 123 kV" and "85 kV to 100kV"	ESBNG	Currently there is a discrepancy by stating the reactive power capabilities down at 85kV, and later in CC.8.3.2 stating that the disturbance range for 110 kV is from 99kV to 123kV. This was done intentionally because if a derogation is sought for parts of the network that may have voltages lower than 99kV, we need to provide the reactive power capabilities for this. This note needs to be put in the User Guide.	ESBNG to provide revised proposal to ensure voltage ranges not to overlap,	YES

136	CC	8.3.2	V1.2 May 2005	410 kV should read 420 kV and 240 kV should read 245 kV New text "plus 5%" and "less 10%" as added in italics and underlined: (p) Forbidden Zones: within the range between normal Minimum Load <i>plus 5%</i> and Registered Capacity <i>less 10%</i> , not more than 2 specified zones each not greater than 10% of Registered Capacity. New definition to be added for Forbidden Zone : "A MW range <i>within which a generator cannot operate in a stable manner due to an inherent technical limitation of the machine.</i> "	ESBNG	These are the international standards and are commonly experienced on the Irish system	YES
137	CC	7.3.1.1 (p)	V1.2 May 2005	Modification proposal is to delete the words in red strikethrough text, and add in the words in red italics. WFPS1.7.6 WIND FARM POWER STATION MW AVAILABILITY DECLARATIONS Wind Farm Power Stations with a MEC in excess of 30 MW shall submit Wind Farm Power Station MW Availability Declarations whenever changes in Available-Active-Power Wind Farm Power Station Availability occur or are predicted to occur. These declarations shall be submitted by means of an electronic interface in accordance with the reasonable requirements of the TSO's data system.	ESBNG	There was no definition for "Forbidden Zone" in the Grid Code. Forbidden Zones can't be in the region just above minimum load and just below maximum output.	NO
138	WFPS 1	7.6	V1.2 May 2005	There is an error in WFPS1.7.6. The requirement is for wind farms to send in declarations whenever there is a change in the amount of turbines available to produce power given favourable wind conditions, not when the wind speed changes	ESBNG	Tom Wilson queried if the lower area that is excluded from having a forbidden zone is 5% above minimum load or minimum stable generation. Tom advised that he would like to consult with his representative group and make a written submission to ESBNG.	YES

Previous Modifications discussed again at GCRP 11 – 09/06/2005

MPID	Section	Modification Text or Change	Comment	Submitted by	Comments from GCRP	Recommend for Approval?
121	GC 8.8 (a)	<p>ESBNG shall:</p> <p>a) keep a register of all derogations which have been granted, identifying the name of the person company and plant in respect of whom the derogation has been granted, the relevant provision of the Grid Code and the Grid Code version number, the period of the derogation and the extent of compliance to the provision; and</p>	<p>ESB PG representative stated at GCRP meeting 7 that the information regarding the technical compliance or non-compliance to the Grid Code is confidential. He does not recommend it to CER for approval. The remaining panel recommended it for approval</p>	ESBNG	ESBPG position is unchanged. The rest of the Panel continued to recommend it for approval.	Approved by all but ESBPG. CER to determine.
130	C4.6.5.2.1	<p>ESBNG provided a revised response to ESBPG's modification proposal. The revised wording proposes to modify clause OC4.6.5.2.1 by adding the following clause to part (f)</p> <p><i>(f) ...and also the amount of generation that could be lost following a single contingency;</i></p> <p>and adding a new part (j)</p> <p><i>(j) uncertainty in future generation output.</i></p>		ESBPG	ESBPG representative to submit comments within 1 week.	ESBPG responded by email and is recommending revised form of MPID130 for approval. All other Panel Members recommend for approval.