

Modification Summary
GCRP 12
27th September 2005

The following modification proposals were recommended for approval at GCRP meeting 12 on 27th September 2005

MPID 133- Demand Customers

Grid Code clause number: various

Proposed by: ESBNG

Modification Proposal:

See separate document [Revised Proposal For MPID 133](#)

MPID 134 - Frequency deadband

Grid Code clause number: OC4.3.4.2 and Glossary

Proposed by: ESBNG

Modification Proposal:

Existing definitions & use of Frequency deadbands:

OC4.3.4.2 Other than as permitted in accordance with OC4.3.4.3:

- (a) **Generation Units** when **Synchronised** to the **Transmission System** shall operate at all times under the control of a **Governor Control System**, unless otherwise specified by **ESBNG**, with characteristics within the appropriate ranges as specified in **Connection Conditions**;
 - (b) no time delays other than those necessarily inherent in the design of the **Governor Control System** shall be introduced;
 - (c) no **Frequency** deadbands shall be applied to the operation of **Governor Control Systems**.

Governor Control System	A system which will result in Active Power output of a Generation Unit changing, in response to a change in System Frequency , in a direction which assists in the recovery to Target Frequency
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Our proposal is to:

- 1) Define Frequency Deadband
- 2) Change OC4.3.4.2 (c)

Frequency Deadband	A Frequency range within which the Governor Control System is not expected to respond to changes in
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	Transmission System Frequency. The purpose of the Frequency Deadband is to filter out noise and not to restrict the normal Frequency response of the Governor Control System .
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- (c) A **Frequency Deadband** of no greater than +/- 15mHz may be applied to the operation of the **Governor Control System**. The design, implementation and operation of the **Frequency Deadband** shall be agreed with **ESBNG** prior to **Commissioning**.
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MPID 142

Grid Code clause number: Glossary/Acronyms

Proposed by: DSO/ESBNG

Modification Proposal:

Change references to CSBU to ESB Networks and delete CSBU from the Acronyms section.

There are currently three instances of CSBU in the Grid Code.

ACRONYMS: CSBU Customer Services Business Unit

Annual SLR Conditions	12.30 and 18.00 on the second Tuesday of January or any other day nominated by CSBU
Distribution System Operator (DSO)	An entity unit within CSBU which is responsible for, amongst other things, the planning, development, operation and maintenance of the Distribution System .

We propose deleting CSBU from the Acronyms section and changing the other references as follows:

Annual SLR Conditions	12.30 and 18.00 on the second Tuesday of January or any other day nominated by DSO
Distribution System Operator (DSO)	An entity unit within ESB which is responsible for, amongst other things, the planning, development, operation and maintenance of the Distribution System .

MPID 143

Grid Code clause number: Glossary/Definitions

Proposed by: ESBNG

Modification Proposal:

Change definition of 'Commission' from 'The Commission for Electricity Regulation' to 'The Commission for Energy Regulation'

MPID 144

Grid Code clause number: PC6.1.2

Proposed by: ESBNG

Modification Proposal:

Replace the capital letter 'A' with a small 'a' from the word 'Application' in PC.6.1.2

MPID 145

Grid Code clause number: Glossary/Acronyms

Proposed by: ESBNG

Modification Proposal:

Include 'NIE: Northern Ireland Electricity' in the Acronyms section as NIE is mentioned in the definition for "Transmission Reliability Margin".

MPID 146

Grid Code clause number: CC6.1

Proposed by: ESBNG

Modification Proposal:

Addition of the text in red below to section CC.6

CC.6

RELEVANT TECHNICAL STANDARDS APPLYING TO USER PLANT AND APPARATUS

CC.6.1

All **User Plant** and **Apparatus** associated with the connection to the **Transmission System** shall comply with the:

- (a) **Irish and EU Law and**
- (b) relevant European standards; or
- (c) if there is no relevant European standards, such other relevant standard which is in common use in the European Union;

in each case as current at the date of the **User's** applicable **Connection Agreement**. Where **ESBNG**, acting reasonably, determines that in order to ensure safe and co-ordinated operation of a **User's Plant** and/or **Apparatus** with the **Transmission System**, there is a requirement for supplemental specifications and/or standards to apply to the design of a **User's Plant** and/or **Apparatus**, **ESBNG** shall notify the **User** and the **User** shall comply with the additional requirements. On request from the **User**, **ESBNG** shall provide reasonable evidence as necessary to demonstrate the need for the supplemental specifications and/or standards.