DISTRIBUTION CODE MODIFICATION PROPOSAL FORM

Modification Proposal submitted By: Stephen Walsh	**DATE OF SUBMISSION OF PROPOSAL:** Feb 2015	**Modification Proposal Number:** *(to be assigned by Review Panel Secretary)* #34d

CONTACT DETAILS FOR MODIFICATION PROPOSAL ORIGINATOR: (IF NOT DISTRIBUTION CODE REVIEW PANEL

NAME: Stephen Walsh	**TELEPHONE NUMBER:** 01 2915765
E-MAIL ADDRESS:	Stephen.Walsh@esb.ie
MODIFICATION PROPOSAL TITLE:	Define generator operating modes

DISTRIBUTION CODE SECTION(S) AFFECTED BY PROPOSAL

1. **DCC10.5**
2. **Glossary**

MODIFICATION PROPOSAL DESCRIPTION *(Clearly state the desired amendment and all text changes. Attach further information if necessary)*

Fault ride-through modifications being proposed elsewhere specify different requirement depending on operating modes. These modes are referred to in the Conditions Governing Connection to the Distribution System. A formal definition is being included in the Distribution Code for completeness.

Proposed new text;

Lopping Mode (also known as Peak Lopping)	The operation of **Generation Unit(s)** at a **Customer's premises** where the **Generation Unit(s)** supplies the **Customer's** demand while not synchronised to the **Transmission System** or **Distribution System**. The **Generation Unit(s)** is(are) synchronised to the **Transmission System** or **Distribution System** for short periods of time not exceeding 180 seconds at start-up and shutdown of the **Generation Unit(s)** to facilitate a smooth transfer of power.
Automatic Mains Failure Mode	The operation of **Generation Unit(s)** at a **Customer's premises** where in the event of disconnection, the **Generation Unit(s)** is(are) enabled and supplies(y) the **Customer's** load while not synchronised to the **Transmission System** or **Distribution System**. Upon sustained restoration of the connection to the **Transmission System** or **Distribution System** for a settable period of time, the **Generation Unit(s)** synchronise to the **Transmission System** or **Distribution System** for a short period of time not exceeding 180 seconds to facilitate the smooth transfer of power prior to shutdown of the **Generation Unit(s).**

MODIFICATION PROPOSAL JUSTIFICATION *(Clearly state the reason for the modification. Attach further information if necessary)* The purpose of this modification is to ensure that the modes of operation of generators are defined in the Distribution Code. These definitions allow different rules to apply to generators that are very rarely operated in parallel with the rest of the Distribution System.
IMPLICATIONS OF NOT IMPLEMENTING THIS MODIFICATION The implication of not having the definitions in the Code is that similar defined terms in the Grid Code and the Conditions Governing Connection to the Distribution System could create confusion.
PLEASE SUBMIT MODIFICATION PROPOSALS TO THE PANEL SECRETARY BY E-MAIL TO: DISTCODEPANEL@MAIL.ESB.IE