

DISTRIBUTION CODE MODIFICATION PROPOSAL FORM

Modification Proposal submitted By: Tony Hearne	DATE OF SUBMISSION OF PROPOSAL: 17.02.2021	Modification Proposal Number: <i>(to be assigned by Review Panel Secretary)</i> #52
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CONTACT DETAILS FOR MODIFICATION PROPOSAL ORIGINATOR: (IF NOT DISTRIBUTION CODE REVIEW PANEL

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MODIFICATION PROPOSAL TITLE:	Adoption of new Topology 1A
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DISTRIBUTION CODE SECTION(S) AFFECTED BY PROPOSAL

DCC11.1.3.1 Generator Topologies

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

- Augmentation to existing Topology 1 description to distinguish it from the Dublin City network, as described below. New Diagram to replace figure 4.**

Connection Topology 1

PPMs are classed as being connection topology when connected, at 110kV to a **DSO** operated 110kV busbar, which, in turn, is galvanically connected to the TSO operated 110kV system outside of the Dublin City DSO operated 110kV network.

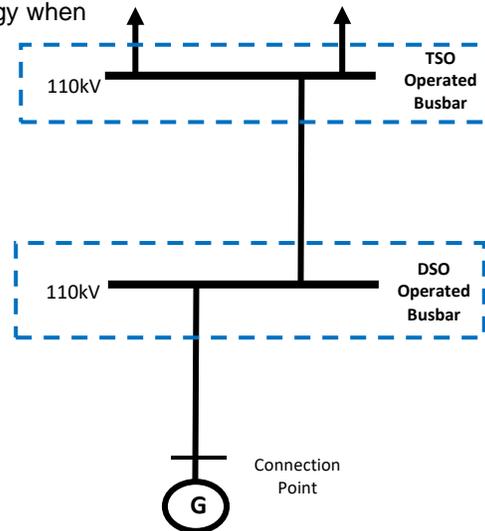


Figure 1

- Creation of a new Generator Topology 1A.**

Generators are now connecting at 110kV, to the Dublin City DSO operated 110kV network. This

topology has very different electrical characteristics to that described by the existing Topology 1 definition. A new description of the topology and a new accompanying diagram, Figure 4A.

Connection Topology 1A

PPMs are classed as being connection topology 1A when connected, at 110kV to a **DSO** operated 110kV busbar, which, in turn, is part of the Dublin City DSO operated 110kV network.

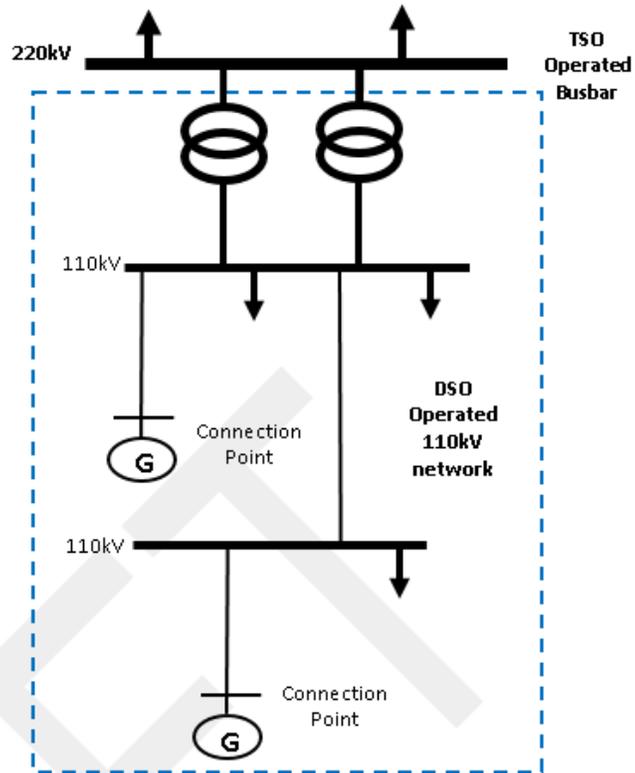


Figure 4A

MODIFICATION PROPOSAL JUSTIFICATION (Clearly state the reason for the modification. Attach further information, if necessary)

1. Up to now, any 110kV generator connections to DSO operated network has only arisen outside of Dublin City, and for which the existing Topology 1 definition has been entirely adequate.
2. However, we will be seeing more renewable resources connecting at 110kV to the Dublin City DSO operated network. The topology will need to be referenced in the Connection Agreement among other documents.

IMPLICATIONS OF NOT IMPLEMENTING THIS MODIFICATION

1. Confusion between the two types described above.
2. Scope for lack of clarity when expressing or referring to requirements for either.

PLEASE SUBMIT MODIFICATION PROPOSALS TO THE PANEL SECRETARY BY E-MAIL TO: DistCodePanel@ESB.IE

