

Kieran Doherty

From: Kieran Doherty
Sent: 17 December 2013 09:39
To: 'Des.Cox@Eirgrid.com'
Subject: RE: VC0054: North South 400kV Interconnection Project: EirGrid Clarifications to Record of Second Pre-application Meeting with An Bord Pleanála

Thank you Des.

As you probably know, the Board's record will not be altered but your comments will be put on the pre-application file for clarification.

Regards,
Kieran

From: Des.Cox@Eirgrid.com [<mailto:Des.Cox@Eirgrid.com>]
Sent: 16 December 2013 15:56
To: Kieran Doherty
Subject: VC0054: North South 400kV Interconnection Project: EirGrid Clarifications to Record of Second Pre-application Meeting with An Bord Pleanála

Hello Kieran,

I refer to the pre-application consultation process occurring between EirGrid and ABP in respect of the proposed North-South 400kV Interconnection Development (ABP Ref. VC0054).

An action arising out of our last (third) meeting was to set out in writing any comments EirGrid had in respect of the Board's record of the second pre-application meeting, held on the 31st July 2013. Our comments are set out below.

- At page 7 of 9 under "*Other Issues*" reference is made to "*the east-west transmission line*". For the avoidance of doubt, this is the existing Flagford-Louth 220 kV circuit. This is to distinguish this circuit from the similarly titled East-West Interconnector, located in the North Dublin and Co. Meath areas.
- Also at page 7 of 9, and in the same paragraph as above, it is stated that "*The prospective applicant stated that the route corridor has been chosen based on ecological issues*". In actual fact, the identification of the preferred route was based on a multi-criteria evaluation of a range of technical, environmental (including ecological), and community/social issues.
- At page 8 of 9 it is stated that "*Transposition towers will be used in two places to circumvent an area of bog*". In actual fact, *transposition* is the practice of transposing or rearranging the spatial arrangement of the three electricity wires or conductors that make up the three-phase circuit. This is required in order to balance what is known as the "electrical impedance" between phases of a circuit, particularly on a long circuit. The transposition takes place over four structures (the transposition alignment), including the use of two "transposition towers". An appropriate location for the siting of these structures happens to be in proximity to Cashla Bog, Co. Monaghan; however, this is not in order to "circumvent an area of bog", but rather to do with its location along the overall transmission circuit, and distance from the northern terminus node.

Kind regards

Des

Des Cox
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