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# **Annex 7: Configurations of the Bidding zone review region “Single Electricity Market Ireland” which are to be considered in the bidding zone review process**

Bidding Zone Review Region "SEM Ireland"

18 February 2020

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## 1.1 Description of the status quo

A geographical overview of the bidding zone delineations is given in following figure:

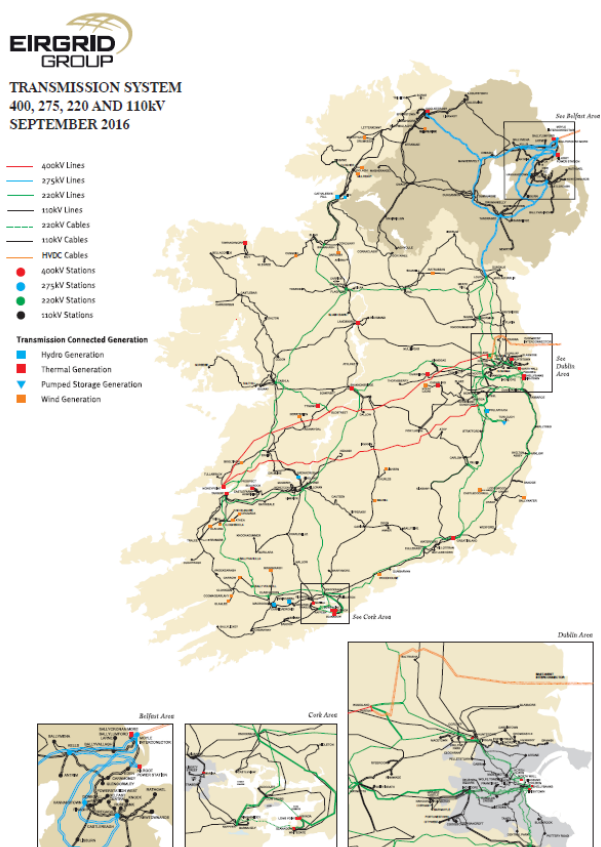
Figure 7: SEM and GB Bidding Zones



Source: EirGrid Group

A transmission system map for the SEM bidding zone covering the Ireland and Northern Ireland transmission system is provided in Figure 8.

Figure 8: Ireland and Northern Ireland transmission system map



Source: EirGrid Group

A summary table describing the status quo is given in following table:

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Configuration Name	Status Quo
SEM	1 [EB]
GB	1 [EB]

The network elements which will form the Bidding Zone Borders of this configuration, is given in the following table.

Configuration [Nr] [Name]									
Cty-CBk	Bidding Zone Border	TSO1	Station 1	TSO2	Station 2	Voltage level [kV]	Type	Network element Name	New/different compared to status quo?
SEM	SEM-GB	NGESO	Auchencr osh	NGESO	Mark Hill	275	DC	Auchencr osh-Mark Hill	No
SEM	SEM-GB	NGESO	Mark Hill	NGESO	Coylton	275	AC	Mark Hill-Coylton	No
SEM	SEM-GB	SONI	Ballycrona n More	SONI	Ballylumf ord	275	AC	Ballycro nan More-Ballylumf ord	No
SEM	SEM-GB	SONI	Ballylumf ord	SONI	Hannahst own	275	AC	Ballylumf ord-Hannahst own	No
SEM	SEM-GB	SONI	Ballycrona n More	SONI	Hannahst own	275	AC	Ballycron an More-Hannahst own	No
SEM	SEM-GB	SONI	Ballylumf ord	SONI	Hannahst own	275	AC	Ballylumf ord-Hannahst own	No
SEM	SEM-GB	SONI	Ballylumf ord	SONI	Kells	275	AC	Ballylumf ord-Kells	No
SEM	SEM-GB	SONI	Ballylumf ord	SONI	Magheraf elt	275	AC	Ballylumf ord-Magheraf elt	No
SEM	SEM-GB	EirGrid	EWIC	EirGrid	Portan	380	DC	EWIC-Portan	No
SEM	SEM-GB	EirGrid	Woodland	EirGrid	Portan	380	DC	Woodlan d-Portan	No
SEM	SEM-GB	EirGrid	Woodland	EirGrid	Maynooth	220	AC	Woodlan d-Maynooth	No
SEM	SEM-GB	EirGrid	Woodland	EirGrid	Oldstreet	380	AC	Woodlan d-Oldstreet	No
SEM	SEM-GB	EirGrid	Woodland	EirGrid	Corduff	220	AC	Woodlan d-Corduff	No

Configurations of the Bidding zone review region “Single Electricity Market Ireland” which are to be considered in the bidding zone review process



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SEM	SEM-GB	EirGrid	Woodland	EirGrid	Louth	220	AC	Woodland-Louth	No
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