
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

1.1 Description of the status quo

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

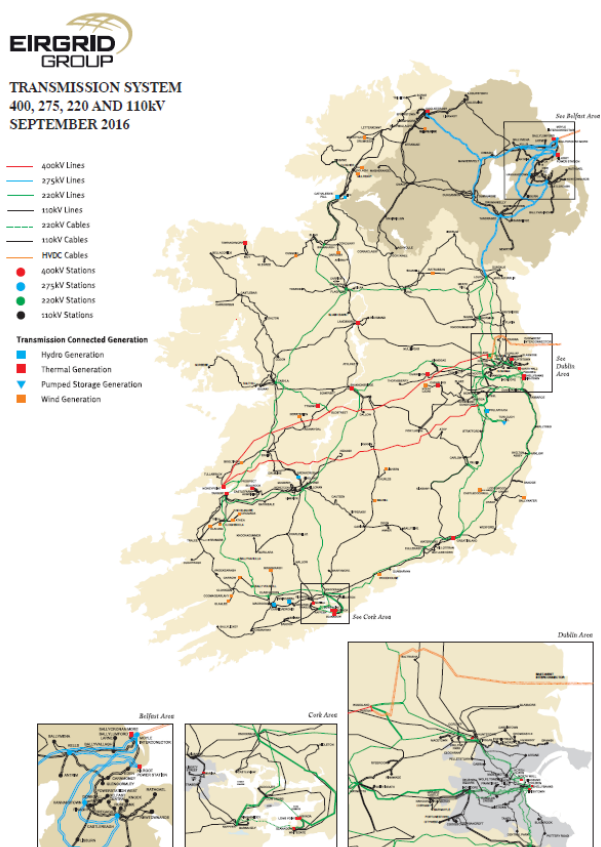
Figure 7: SEM and GB Bidding Zones



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:

1	
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

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