Title:	**Meter Data Roles and Responsibilities**
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ABBREVIATIONS

Business Abbreviation	Definition
MO	Meter Operator
MDP	Meter Data Provider
SEM	Single Energy Market
NPEG	Non Price effecting Generation
MEC	Maximum export Capacity
SEM	Single Energy Market
CER	Commission for Energy Regulation
TSO	Transmission System Operator
DSO	Distribution System Operator
ESBN	Electricity Supply Board Networks
AGU	Aggregated Generation Unit
DSU	Demand Side Unit
PED	Price Effecting Demand
MPRN	Meter Point Registration Number
CLAF	Combined loss adjustment factor
WPDRS	Winter Peak Demand Reduction Scheme
DX	Distribution connected
TX	Transmission connected
ROI	Republic of Ireland

PURPOSE OF THIS DOCUMENT

ESB Networks and EirGrid have documented their understanding of their Roles and Responsibilities of the two Meter Data Providers in Ireland

This is submitted for consideration, and completion, through the ISEM Metering Working Group.

BACKGROUND

For the I-SEM, Roles and Responsibilities of the two Meter Data Providers in Ireland are changing.

Changes include new type units AGU and DSU. It is also understood that for the I-SEM meter data will become Non Price effecting.

The Roles and Responsibilities for the two Meter Data Providers in Ireland in the SEM have been documented in the following matrix:

Metering Responsibilities, subject to outcome of RA324 and TSO-CR-RA2 change controls.

ref	D/X or T/X	SEM Part-icipant	Dispatch able / Controlla ble	Who installs and operates the meter?	Does the site have firm access?	Is Export Channel Price Effecting	Is Import Channel Price Effecting	Data Required by	Import or Export Channel	Polled, Validated substituted estimated by	Apply DLF, Aggregate and send to SMO by	Data Issued to MPs by	Issue?
8	D/X	No	No	ESBN	N/A	No	No	WD+1,+4	Import	ESBN	ESBN	ESBN	None
								WD+1,+4	Export	ESBN	ESBN	ESBN	None
7	D/X	No	Yes	ESBN	N/A	No	No	WD+1,+4	Import	ESBN	ESBN	ESBN	None
								WD+1,+4	Export	ESBN	ESBN	ESBN	None
6	D/X	Yes	No	ESBN	N/A	No	No	WD+1,+4	Import	ESBN	ESBN	ESBN	None
								WD+1,+4	Export	ESBN	ESBN	ESBN	None
5a	D/X	Yes	Yes	ESBN	Yes	Yes	No	WD+1,+4	Import	ESBN	ESBN	ESBN	None
								CD+1,+3	Export	EirGrid	EirGrid	EirGrid	2
5b					No	Yes	Yes	CD+1,+2	Import	EirGrid	EirGrid	EirGrid	1,2
								WD+1+4	Import	ESBN	ESBN	ESBN	None
								CD+1,+3	Export	EirGrid	EirGrid	EirGrid	2
3	T/X	Yes	No	EirGrid	N/A	No	No	WD+1,+4	Import	EirGrid → ESBN	ESBN	ESBN	None
								WD+1,+4	Export	EirGrid	EirGrid	EirGrid	None
2a	T/X	Yes	Yes	EirGrid	Yes	Yes	No	WD+1,+4	Import	EirGrid → ESBN	ESBN	ESBN	None
								CD+1,+3	Export	EirGrid	EirGrid	EirGrid	None
2b					No	Yes	Yes	CD+1,+2	Import	EirGrid	EirGrid	EirGrid	1
								WD+1+4	Import	EirGrid → ESBN	ESBN	ESBN	None
								CD+1,+3	Export	EirGrid	EirGrid	EirGrid	None
1	D/X or T/X Import Only	Either	Either	ESBN	N/A	N/A	No	WD+1,+4	Import	ESBN	ESBN	ESBN	None

Ref 4 a non-participant TCON generator is agreed not to exist at this time
Export is Price Effecting if a Generator site is Dispatchable or Controllable and a SEM Participant
Import is Price Effecting if a Generator site is Dispatchable or Controllable and a SEM Participant, and the Generator does not have Firm Access
Import on Participant Demand Customer is not Price Effecting
A Generator Unit has Non-Firm Access where it operates under a Connection Agreement which provides a Firm Access Quantity which is less than the Maximum Export Capacity at the relevant Connection Point.
Issue 1 is subject to change request RA324. Issue 2 is subject to change request TSO-RA-CR1 or equivalent.

ROLES AND RESPONSIBILITIES I-SEM

SUMMARY OF METER DATA ROLES AND RESPONSIBILITIES IN I-SEM

ROI - EirGrid connected Transmission Generators

No change EirGrid is the MO and MDP

Currently EirGrid provides PED to the SEM for Generation Non-firm units.

Approximately 5 PED units (number of units subject to change) to transfer from EirGrid to ESB Networks Post I-SEM

ROI - Distribution Connected Generators

Approximately 30 DSO Generation units to transfer from EirGrid to ESB Networks Post I-SEM

DX connected - ESBN would be MO and MDP

ROI - Aggregated Generated Units

- DX and TX connected AGU – depending on the makeup of the AGU the MDP with the majority of sites at the outset would become the MDP assuming, which MDP has the majority of Metered Generators on System.
- DX connected AGU – ESBN would be MO and MDP
- TX connected AGU – EirGrid would be MO and MDP

ESBN to progress a process for registration of AGU Post I-SEM

ROI - DSU (Demand Side Unit)

Demand Side units Meter data is not required by SEM.
EirGrid provide the Dispatch instructions and Availability instructions to the SEM.

ESB Networks currently provides zero values for the DSU Supplier Unit

ROI - Auto Producer

Currently there is 1 x Auto producer which consists of Generation and Import load

EirGrid – MDP and MO for Generation and MDP for Import
ESBN – MO for import load

No change for ISEM

APPENDIX A

ROI - ISEM METER DATA MATRIX TABLE

The Roles and Responsibilities for the Meter Data Providers in Ireland in the I-SEM have been documented in the following matrix:

Juristiction	Ref	DX or TX	I-SEM Participant	Dispatchable or controllable - Instructions to SEM	Meter installer (Maintenance)	ISEM Meter feed timeline	Import or Export Channel	Meter data Provider	Apply DLF / TLF or CLF	Data issued to Market Participants by	Comments
ROI	AGU	DX and TX AGU	Yes	Yes - EirGrid	TX - EirGrid DX - ESBN	WD: D+1 and D+4	Export	ESBN / EIRGRID (Depending on the Majority of Meter installations is TX or DX	ESBN (SEMO would need to apply CLAF, % of DLAF and TLAF)	SEMO	Process to be in place post I-SEM
ROI	AGU	DX only AGU	Yes	Yes - EirGrid	DX - ESBN	WD: D+1 and D+4	Export	ESBN	ESBN	ESBN	Process to be in place post I-SEM
ROI	AGU	TX only AGU	Yes	Yes - EirGrid	TX - EirGrid	WD: D+1 and D+4	Export	EirGrid	SEMO (TLAF)	SEMO	Process to be in place post I-SEM
ROI	DSU	DX and TX DSU	Yes	Yes - EirGrid	ESBN	WD: D+1 and D+4	Import	ESBN	ESBN (DLF only)	ESBN	ESB Networks currently provides zero values for the DSU Supplier Unit
ROI	DSU	DX DSU	Yes	Yes - EirGrid	ESBN	WD: D+1 and D+4	Import	ESBN	ESBN (DLF only)	ESBN	ESB Networks currently provides zero values for the DSU Supplier Unit
ROI	DSU	TX DSU	Yes	Yes - EirGrid	ESBN	WD: D+1 and D+4	Import	ESBN	ESBN (DLF only)	ESBN	ESB Networks currently provides zero values for the DSU Supplier Unit
ROI	import only	DX	No	No	ESBN	WD: D+1 and D+4	Import	ESBN	ESBN (DLF only)	ESBN	
ROI	Generator	DX	No	No	ESBN	WD: D+1 and D+4	Import	ESBN	ESBN (DLF only)	ESBN	DeMinimis
ROI	Generator	DX	No	No	ESBN	WD: D+1 and D+4	Export	ESBN	ESBN (DLF only)	ESBN	DeMinimis
ROI	Generator	DX	Yes	No	ESBN	WD: D+1 and D+4	Import	ESBN	ESBN (DLF only)	ESBN	
ROI	Generator	DX	Yes	Yes - EirGrid	ESBN	WD: D+1 and D+4	Export	ESBN	ESBN (DLF only)	ESBN	Transfer post I-SEM to ESBN
ROI	Generator	TX	Yes	No	EirGrid	WD: D+1 and D+4	Import	EirGrid→→→	ESBN (DLF only)	ESBN	
ROI	Generator	TX	Yes	No	EirGrid	WD: D+1 and D+4	Export	EirGrid	SEMO	SEMO	
ROI	Generator	TX	Yes	No	EirGrid	WD: D+1 and D+4	Import	EirGrid→→→	ESBN	ESBN	
ROI	Generator	TX	Yes	No	EirGrid	WD: D+1 and D+4	Import	EIRGRID	SEMO	SEMO	Transfer post I-SEM to ESBN
ROI	Generator	TX	Yes	Yes - EirGrid	EirGrid	WD: D+1 and D+4	Export	EirGrid	SEMO	SEMO	
ROI	Import only	TX	No	No	ESBN	WD: D+1 and D+4	Import	ESBN	ESBN	ESBN	
ROI	Autoproducer	TX	Yes	No	ESBN	WD: D+1 and D+4	Import	EirGrid→→→	ESBN	ESBN	
ROI	Autoproducer	TX	Yes	No	ESBN	WD: D+1 and D+4	Import	EirGrid	SEMO	SEMO	
ROI	Autoproducer	TX	Yes	Yes - EirGrid	EirGrid	WD: D+1 and D+4	Export	EirGrid	SEMO	SEMO	