

Memo: EBG / ebIX® terms and abbreviations	 E uropean forum for energy B usiness I nformation eX change
Date: October 9 th , 2020	
Version: v2r0A	EBG (ebIX® B usiness G roup)

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1 Introduction

This document contains a list of often used terms and abbreviations in ebIX® documents. It is intended to make the ebIX documents, especially the Business Requirement Specifications (BRSs) better readable.

2 References

- [1] UML Profile for UN/CEFACT’s Modelling Methodology (UMM), Base Module 2.0 (<http://www.unece.org/tradewelcome/un-centre-for-trade-facilitation-and-e-business-uncefact/outputs/technical-specifications/uncefact-modelling-methodology-umm.html>);
- [2] The Harmonised Role Model (for the Electricity Market) by ebIX®, ENTSO-E, and EFET ([Harmonised Role Model](#));
- [3] Unified Modelling Language, UML (<http://uml.org/>).

3 ebIX® abbreviations

The abbreviations are divided in three categories:

- Technical (Tech),
- Functional (Func) and
- Organisational (Org)

Abbreviation	Description	Category	Short explanation in ebIX perspective	Link for more information
ABIE	Aggregated Business Information Entity	Tech	Building block of the ebIX® UML model of the European Energy Market”, see “ Introduction to ebIX® models ” paragraph 1.3.4.	UN/CCTS
ACC	Aggregated Core Component	Tech	Building block of the ebIX® UML model of the European Energy Market”, see “ Introduction to ebIX® models ” paragraph 1.3.4.	UN/CCTS
ASBIE	Associated Aggregated Business Information Entity	Tech	Building block of the ebIX® UML model of the European Energy Market”, see “ Introduction to ebIX® models ”.	UN/CCTS
AP	Accounting Point	Func		Accounting Point
ASCC	Association Core Component	Tech	Building block of the ebIX® UML model of the European Energy Market”, see “ Introduction to ebIX® models ”.	UN/CCTS
BA	Billing Agent	Func	The billing agent offers billing services – Role from the ebIX®, EFET and ENTSO-E Harmonised Role Model (HRM).	ebIX/Role Model
BBIE	Basic Business Information Entity	Tech	Building block of the ebIX® UML model of the European Energy Market”, see “ Introduction to ebIX® models ” paragraph 1.3.4.	UN/CCTS
BCC	Basic Core Component	Tech	Building block of the ebIX® UML model of the European Energy Market”, see “ Introduction to ebIX® models ” paragraph 1.3.4.	UN/CCTS
BDT	Business Data Type	Tech	Building block of the ebIX® UML model of the European Energy Market”, see “ Introduction to ebIX® models ” paragraph 1.3.4.	UN/CCTS

Abbreviation	Description	Category	Short explanation in ebIX perspective	Link for more information
BIE	Business Information Entity	Tech	Building block of the ebIX® UML model of the European Energy Market”, see “ Introduction to ebIX® models ” paragraph 1.3.4.	UN/CCTS
BIM	Business Information Model	Tech	Documents the technical implementation of BRS .	Introduction to ebIX® models
BRP	Balance Responsible Party	Func	Party responsible for balancing the energy for Metering Points – Domain from the ebIX®, EFET and ENTSO-E Harmonised Role Model (HRM).	ebIX/Role Model
BRS	Business Requirements Specification	Func	A description of requirements made by business experts, following UMM .	
BS	Balance Supplier	Func	Supplier for the customer for energy (gas or electricity) - Role from the ebIX®, EFET and ENTSO-E Harmonised Role Model (HRM).	ebIX/Role Model
CCL	Core Components Library from CEFACT	Tech	A list with available Core Components from UN/CEFACT.	UN/CCL
CCTS	Core Components Technical Specification from CEFACT	Tech	A meta model and related rules, describing the structure and contents of conceptual and logical data models and information exchange models.	UN/CCTS
CDT	Core Data Type	Func	Building block of the ebIX® UML model of the European Energy Market”, see “ Introduction to ebIX® models ” paragraph 1.3.4.	UN/CCTS
CEDEC	European Federation of Local Energy Companies	Org	Federation of energy companies (grid companies, suppliers, etc) to improve the common interest and influence political.	CEDEC.com
CEFACT	UN Centre For Trade Facilitation and E-Business (UN/CEFACT)	Org	UN organisation that aims to help business, trade and administrative organisations to exchange products and services effectively.	CEFACT

Abbreviation	Description	Category	Short explanation in ebIX perspective	Link for more information
CIM	Common Information Model	Func	A UML model, defining a common vocabulary and basic ontology for aspects of the electric power industry.	CIM (Wikipedia)
CuS	ebIX® Customer Switching	Org	The former name of the permanent ebIX® working group for modelling customer faced processes (renamed to MDS in March 2017).	MDS
DGO	Distribution Grid Operator	Func	Operator of a physical energy distribution network, synonym to DNO and DSO .	
DMR	Data Maintenance Requests	Func	A request for changes to UN/CEFACT artefacts.	
DNO	Distribution Network Operator	Func	Company licensed to operate a distribution network for gas or electricity, synonym to DGO and DSO .	
DSO	Distribution System Operator	Func	Operator responsible for balancing the energy flows in an energy distribution system, synonym to DGO and DNO .	
EA	Enterprise Architect	Tech	UML modelling software, e.g. used by CIM .	SparxSystems.com
EASEE-gas	EASEE-gas is a European not-for-profit association in the gas sector (linked to ENTSOG)	Org	EASEE-gas develops and promotes common business practices to simplify and streamline the business processes between all the gas industry players.	EASEE-gas
ebIX®	European forum for energy Business Information eXchange	Org	A European platform in which TSOs, DSOs, suppliers and regulators work together to harmonise and model downstream processes for electricity and gas	ebIX.org
EBG	ebIX Business Group	Org	Permanent working group responsible for modelling all business processes for ebIX. EBG can manage multiple sub processes for modelling specific	ebix.org/ebg

Abbreviation	Description	Category	Short explanation in ebIX perspective	Link for more information
			processes. EBG is formed by joining CUS/MDS and EMD	
ECE	Economic Commission for Europe	Org	A regional commission under the administrative direction of United Nations	ECE
EDI	Electronic Data Interchange	Tech	An abbreviation, e.g. used in ebIX® documents	
EDIFACT	Electronic Data Interchange for Administration, Commerce and Transport	Tech	A United Nations standard for exchanging electronic data	EDIFACT (Wikipedia)
EDI*Gas	A workgroup under EASEE-gas	Org	Edig@s maintains EDI solutions recommended by the EASEE-gas/Edig@s workgroup in the European wholesale gas sector	Edig@s
EFET	European Federation of Energy Traders	Org	An association of European energy traders in markets for wholesale electricity and gas	EFET.org
EG	Expert Group	Org		
EIC	Energy Identification Code	Tech	A coding scheme for identifiers from the ENTSO-E and ENTSOG	ENTSO-E/EIC
Elec	Electricity	Func	Abbreviation used in ebIX® documents	
EMD	Metered Data working group	Org	An abolished ebIX® working group for modelling processes for exchanging measured data	ebIX/EMD
EEM	European Energy Market	Func	The abbreviation of the ebIX® UML model for the European Energy Market	ebIX/documents
ENTSO-E	European network of transmission system operators for electricity	Org	ENTSO-E is the legally mandated body of electricity TSOs at the European level	ENTSO-E

Abbreviation	Description	Category	Short explanation in ebIX perspective	Link for more information
ENTSOG	European Network of Transmission System Operators for Gas	Org	ENTSOG is to facilitate and enhance cooperation between national gas transmission system operators (TSOs) across Europe to ensure the development of a pan-European transmission system in line with European Union energy goals	ENTSOG
ESCO (ESCO)	Energy Service Company	Func	A general term to indicate a company for energy services to customers other than the standard roles as supplier	ESCO (Wikipedia)
ETC	ebIX® Technical Committee	Org	A permanent ebIX® working group for technical standards	ebIX/ETC
EU	European Union	Org	A political and economic union of 28 member states that are located primarily in Europe	
GAP	Grid Access Provider	Func	Role from the ebIX®, EFET and ENTSO-E Harmonised Role Model (HRM)	ebIX/Role Model
GDPR	General Data Protection Regulation	Func	Regulations from the EU to protect the privacy of all European citizens in the same way within the EU	EUGDPR.org
GIAI	Global Individual Asset Identifier	Tech	Unique numbering system for identifiers from GS1	GS1.org
GLN	Global Location Number	Tech	Unique numbering system for identifiers from GS1	GS1.org
GPRS	General Packet Radio Service	Tech	A communication protocol	GPRS (Wikipedia)
GS1	Global Systems 1	Org	A not-for-profit organisation that develops and maintains global standards for business communication	GS1.org
GSM	Global System for Mobile communications	Tech	A communication protocol	GSM (Wikipedia)
GSRN	Global Service Relation Number	Tech	Unique numbering system for identifiers from GS1	GS1.org

Abbreviation	Description	Category	Short explanation in ebIX perspective	Link for more information
GTIN	Global Trade Item Number	Tech	Unique numbering system for identifiers from GS1	GS1.org
HRM	Harmonised Role Model	Func	A role model established in cooperation of ebIX®, EFET and ENTSO-E	ebIX/Role Model
ID	Identification	Tech	An identification (number) of an intended object (usually unique)	
IEC	International Electrotechnical Commission	Org	An international standards and conformity assessment body for all fields of electrotechnology	IEC.ch
ISO	International Organization for Standardization	Org	An international standard-setting body composed of representatives from various national standards organisations	ISO.org
ISO 639-1	Part 1: Alpha-2 code	Tech	ISO two-character language code	ISO 639-1 (Wikipedia)
ISO 3166-1	Part 1: Alpha-2 country codes	Tech	Codes for the representation of names of countries	ISO 3166 (Wikipedia), UN/ECE Rec 3
ISO 6709	Representation of geographic point location by coordinates	Tech	The international standard for representation of latitude, longitude and altitude for geographic point locations	ISO 6709 (Wikipedia)
kV	kilo Volt	Tech	Unit to indicate the voltage level	
kW	kilo Watt	Tech	Unit to express the electrical power	
kWh	kilowatt hour	Tech	Unit of energy equal to 3600 kilojoules. Commonly used as billing unit for energy use	
m ³	Cubic metre	Tech	Unit to measure volume of gas	
MA	Message Assembly (Stereotype «MA»)	Func	Building block of the ebIX® UML model of the European Energy Market”, see “ Introduction to ebIX® models ” paragraph 1.3.4	UPCC
MBA	Market Balance Area	Func	Domain from the ebIX®, EFET and ENTSO-E Harmonised Role Model (HRM)	ebIX/Role Model

Abbreviation	Description	Category	Short explanation in ebIX perspective	Link for more information
MD	Magic Draw	Tech	UML modelling software used to model ebIX® UML models	NoMagic.com
MDA	Metered Data Aggregator	Func	Role responsible for the aggregation of measured data for Metering Points - Role from the ebIX®, EFET and ENTSO-E Harmonised Role Model (HRM)	ebIX/Role Model
MDR	Metered Data Responsible	Func	Role responsible for the measured data of a Metering Point- Domain from the ebIX®, EFET and ENTSO-E Harmonised Role Model (HRM)	ebIX/Role Model
MDS	Master Data Structuring	Org	Abolished ebIX® working group for Master Data Structuring and harmonisation in the European energy market, formerly known as CuS	ebIX/MDS
MGA	Metering Grid Area	Func	Domain from the ebIX®, EFET and ENTSO-E Harmonised Role Model (HRM)	ebIX/Role Model
MIG	Message Implementation Guide	Func	A document describing how to implement an electronic document	
MoU	Memorandum of Understanding	Func	An agreement between two (bilateral) or more (multilateral) parties	
MP	Metering Point	Func	Association to the connection of a customer's installation to the grid, to perform market processes – Domain from the ebIX®, EFET and ENTSO-E Harmonised Role Model (HRM)	ebIX/Role Model
MPA	Metering Point Administrator	Func	Administrates the (shared) market-data for the Metering Points for the market processes - Role from the ebIX®, EFET and ENTSO-E Harmonised Role Model (HRM)	ebIX/Role Model
MW	Mega Watt	Tech	Unit to express the (electrical) power in millions of Watts	

Abbreviation	Description	Category	Short explanation in ebIX perspective	Link for more information
na	Not Applicable	Func	An abbreviation used in ebIX® documents	
NDR	XML Naming and Design Rules	Tech	Rules for structuring XML from CEFACT	UN/NDR
OBIS	Object Identification System	Tech	Identification schema used for measure units of an energy meter (DIN EN 62056-6-1 / IEC 62056-6-1:2015)	
OCL	Object Constraint Language	Tech	A language to model constraints for XML messages, issued from OMG	OMG/OCL
OMG	Object Management Group	Org	An international, open membership, not-for-profit technology standards consortium	OMG.org
PLC	Power-Line Communication	Tech	A protocol that uses the existing electrical power lines to exchange information, as the reads and signals from a “smart” meter	PLC (Wikipedia)
Prosumer	Concatenation of Producer and Consumer	Func	This term is normally used for customers with combined consumption and small-scale production at their Metering Point	
RGCE	Regional Group Central Europe	Org	Working group of the ENTSO -E	ENTSO-E/RGCE
SGTF	Smart Grid Task Force	Org	Working group initiated and governed by the EU Commissions	ebIX/SGTF
TC57	Technical Committee 57	Org	A commission from the IEC for Power systems management and associated information exchange	IEC/TC57
TCR	Transport Capacity Responsible Party	Func	Party responsible for acquiring the needed (gas) transport capacity for the energy for Metering Pints - Role from the ebIX®, EFET and ENTSO-E Harmonised Role Model (HRM)	ebIX/Role Model

Abbreviation	Description	Category	Short explanation in ebIX perspective	Link for more information
TR	Technical Report	Func	A formal technical report from the IEC	
TSO	Transmission System Operator	Func	Party responsible for the balancing of the transport system (network)	
TT	Transformation Tool	Tech	ebIX® tool for generating DSO schemas from MD UML models	
V	Volt	Tech	Unit to express electric powerlevel	
WE	Weekend	Func	Abbreviation used in ebIX® documents	
UC	UseCase	Tech	A list of actions or event steps typically defining the interactions between a role and a system to achieve a goal	
UML	Unified Modelling Language	Tech	A general-purpose, developmental, modelling language	UML.org
UMM	Modelling Methodology	Tech	Modelling methodology issued by UN/CEFACT	UMM
UMTS	Universal Mobile Telecommunications System	Tech	A communication protocol	UMTS (Wikipedia)
UN	United Nations	Org	An intergovernmental organization tasked to promote international cooperation and to create and maintain international order	UN (Wikipedia)
UN/CEFACT	United Nations Centre for Trade Facilitation and Electronic Business	Org	See CEFACT	UN/CEFACT
UN/ECE	United Nations Economic Commission for Europe	Org	See ECE	UNECE.org
UN/ECE Rec 3	ISO Country Codes	Tech	See ISO 3166-1	UN Recommendation 3, ISO 3166-1

Abbreviation	Description	Category	Short explanation in ebIX perspective	Link for more information
UN/ECE Rec 20	Codes for Units of Measure	Tech	Codes for units of measure used in international trade	UN Recommendation 20
UNSM	United Nations Standard Message types	Tech	A standard message based on UN/EDIFACT syntax	UNSM
UPCC	UML Profile for Core Components	Tech	A profile for defining core components, issued by CEFACT	UPCC.pdf
USEF	Universal Smart Energy Framework	Func	A model that structures new roles in the energy transition using smart grids	USEF.energy
XML	Extensible Markup Language	Tech	A standard way to structure the information/datasets to exchange in messages	XML (Wikipedia)

4 Domain model

This chapter gives a brief overview of the high-level structure of the European energy market, i.e. the overall business domains where the market players are involved and have common information exchanges.

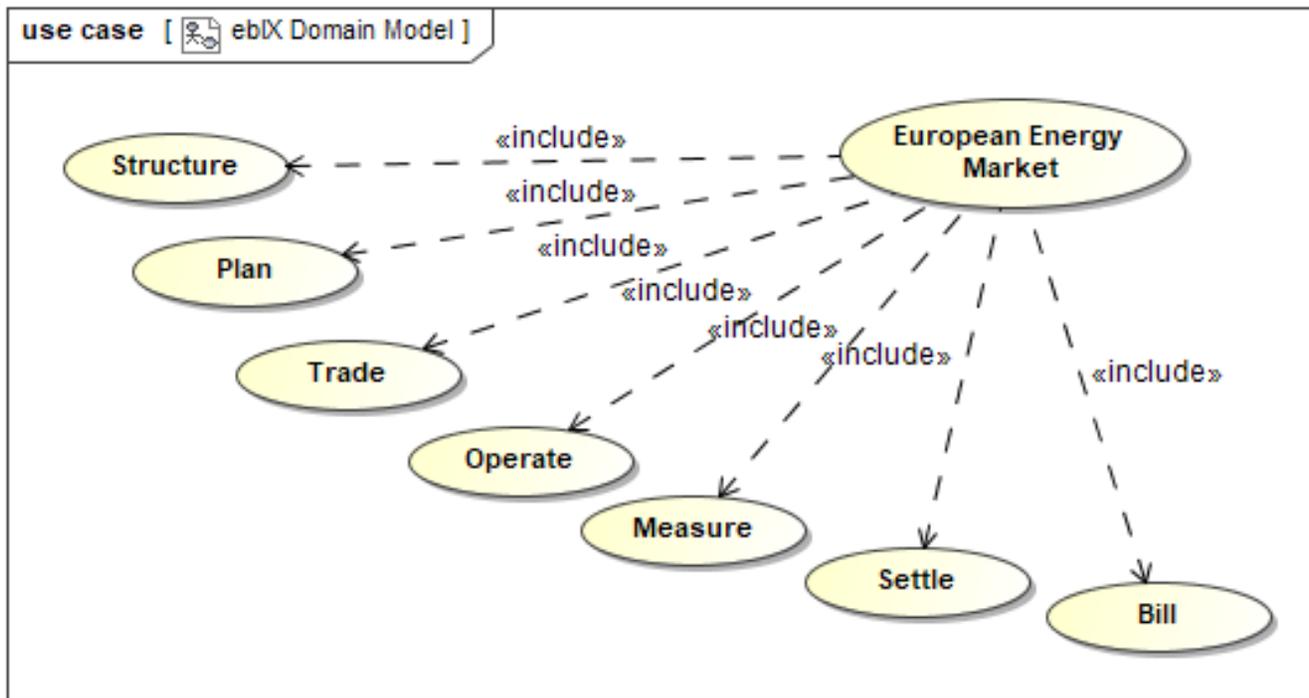


Figure 1: ebIX® European energy market domain model

Term	Description
Structure	In the structuring phase the business partners exchange basic information (master data) necessary for business processes that may started later. The different parties request creation of, changes to or deletion of energy market business objects, such as Accounting Points, Meters, Contracts, etc., or to its attributes, in processes like change of supplier and Customer move. Thereafter the information related to the created, changed or deleted business object is exchanged between relevant business partners parties (roles). The alignment of master data between the business partners in the energy market should result in all participants having the needed information to fulfil their obligations to the market.
Plan	In the planning phase the business processes enable business partners to exchange schedules (planned consumption, production, capacity, transport, exchange etc.) before the operational phase.
Trade	In the trading phase, the business partners are buying and selling energy for fulfilling their contractual obligations. The trading phase includes trade through market platforms (e.g. power exchanges).
Operate	In the operating phase the business processes are aimed to stabilise the energy system. This includes information exchanges to handle balance regulation and ancillary services.

Term	Description
Measure	In the measure phase the aim is the exchange of measured data. It covers business processes in all stages from the collecting of data, validating measured data, until the settlement and reconciliation phase.
Settle	In the settle phase the information exchange enables business partners to receive aggregated executed schedules, regulation- and measured data, and to send imbalance reports and bills. The final reconciliation process distributes data to relevant business partners.
Bill	In the billing phase, the final process in the chain, information is exchanged for billing in the downstream and upstream energy markets.

5 Roles, parties and domains

Term	Description	Short explanation in ebIX perspective	Link for more information / comments
Accounting Point	For definition see Harmonised Role Model (HRM).		
Accounting Point Billing Data Administrator	A party responsible for the grid related billing characteristics of Accounting Points. The Accounting Point Billing Data Administrator is responsible for the administration of charges, specialties and exceptions that apply for Accounting Points.	Candidate for addition to the HRM in the future.	
Affected Party	A market party performing a specific responsibility for an Accounting Point that may be influenced as a direct consequence of the process in question.	A business term used in ebIX® BRSs , normally mapped to the several roles from the HRM .	
Aggregated Reception Station	An administrative entity that represents one or more reception (and distribution) stations for gas (which are physical installations). This entity functions as the exchange point between different grids levels, where calorific value and volumes are established. It also can be seen as an aggregation of all the Accounting Points that are linked to (“delivered by”) Aggregated Reception Station.		
Area Administrator	A party responsible for registering the characteristics of an Area, including parties linked to the Area.	Candidate for addition to the HRM in the future.	
Authority	An organisation having political and administrative power and control to give orders, make decisions, and enforce obedience, i.e. the organisation that is authorised for licensing and monitoring the licensees.	A business term used in ebIX® BRSs for stakeholders to a process.	
Balance Responsible Party	For definition see Harmonised Role Model (HRM) .	The party economically responsible for energy balance in an Accounting Point.	
Balance Supplier	The Balance Supplier is renamed to Energy Supplier .	The supplier of energy for an Accounting Point.	

Term	Description	Short explanation in ebIX perspective	Link for more information / comments
Balancing Service Provider	For definition see Harmonised Role Model .	Used in flexibility services processes.	ebIX Overview of energy flexibility services
Bidding Zone	For definition see Harmonised Role Model .		
Billing Calculator	A party calculating and determining grid billing volumes and costs for Accounting Points.	Candidate for addition to the HRM in the future.	
Buyer of flexibility	Buyer of energy products that are offered and/or used on top of the base load, usually for correcting the total load or portfolio.	Candidate for addition to the HRM in the future.	ebIX Overview of energy flexibility services
Calorific Value Area	A Calorific Value Area is a predefined set of Accounting Points for which the same quality of gas is delivered expressed in a calorific value.	An area consisting of a set of Accounting Points used in the gas sector. Like a MGA in the electricity sector.	
Consented Initiator	See Consented Party.	An Initiator of a business process, consented to do so by the Customer.	
Consented Party	A party that has a registered consent from the Customer of an Accounting Point to do some action or receive some data regarding that Accounting Point.	From MD model: A party that is consented by the Customer to receive a specific set of data from a specific Accounting Point for a specific period.	
Consumer	For definition see Harmonised Role Model .	In ebIX® BRSs we normally use Customer instead Consumer as the party responsible for the consumption at an Accounting Point.	
Content Responsible Party	A market party responsible for the content of data relevant for the process in question.	A business term used in ebIX® BRSs , normally mapped to the several roles from the HRM	

Term	Description	Short explanation in ebIX perspective	Link for more information / comments
Customer	A party responsible for the contracts for products and services delivered on an Accounting Point.		
Distribution System Operator	A Distribution System Operator (DSO) is responsible for balancing the energy flows in an energy distribution system, synonym to DGO and DNO .	A business term used in ebIX® BRSs , as a specification of the Grid Company and normally mapped to the Grid Access Provider in the HRM .	
Energy Service Company	For definition see Harmonised Role Model .	An energy service company (ESCO) delivering extra services to Customers, often based on measure data from the Customers Accounting Point.	
Energy Supplier	For definition see Harmonised Role Model .	The supplier of energy for an Accounting Point.	
Entitled Party	A Market Party entitled to receive this exchanged information.	A business term used in ebIX® BRSs , normally mapped to the several roles from the HRM .	
Exchange Point	For definition see Harmonised Role Model .	A Metering Point measuring energy flow between two MGAs .	

Term	Description	Short explanation in ebIX perspective	Link for more information / comments
Flexibility Service Provider	<p>A Flexibility Service Provider is any legal entity that offers flexibility services, based on acquired (aggregated) capabilities.</p> <p>The Flexibility Service Provider is defined as a general flexibility services provider for all kind of flexibility services and applications, that are generalised in this model. Therefore, the Flexibility Service Provider covers for instances the roles “Balancing Service Provider” and “Resource Aggregator”, that are introduced in the Harmonised Role Model, for dedicated types of flexibility services and applications. All the interactions between the system operator (petitioner) and Flexibility Service Provider (supplier) are performed in a market scope.</p>	Candidate for addition to the HRM in the future.	ebIX Overview of energy flexibility services
Flexibility Settlement Responsible	A party that is responsible for settlement of the compensation volume of the supplied energy volume for the delivered flexibility service by a Flexibility Service Provider.	Candidate for addition to the HRM in the future.	ebIX Overview of energy flexibility services
Grid Access Provider	For definition see Harmonised Role Model .		
Grid	Physical constitution (of cables or pipes) to distribute energy to or from Parties Connected to the Grid.		
Grid Company	The party operating a grid. Synonym to DSO, DGO and DNO . Usually mapped to the HRM role Grid Access Provider.		
Harmonised Role Model	The Harmonised Electricity Market Role Model (HRM) is developed and maintained by ebIX®, EFET and ENTSO-E. The HRM describes a model that identifies roles that can be played for a given domain within the electricity market.		Harmonised Role Model
Imbalance Settlement Responsible	For definition see Harmonised Role Model .		

Term	Description	Short explanation in ebIX perspective	Link for more information / comments
Initiator	Any party initiating the business process in question.	A business term used in ebIX® BRSs , normally mapped to the several roles from the HRM .	
Linked Party	A party linked to an object, such as an Accounting Point or a Meter.	A business term used in ebIX® BRSs , normally mapped to the several roles from the HRM .	
Meter	For definition see Harmonised Role Model .	A physical device to measure energy flow or volume, containing one or more registers.	
Meter Administrator	For definition see Harmonised Role Model .	A party maintaining an administration of Meters at Accounting Points .	
Meter Operator	For definition see Harmonised Role Model .		
Metered Data Administrator	For definition see Harmonised Role Model .		
Metered Data Aggregator	For definition see Harmonised Role Model .		
Metered Data Collector	For definition see Harmonised Role Model .		
Metered Data Responsible	For definition see Harmonised Role Model .		
Metering Grid Area	For definition see Harmonised Role Model .		
Metering Point	For definition see Harmonised Role Model .		
Metering Point Administrator	For definition see Harmonised Role Model .		
Party Administrator	For definition see Harmonised Role Model .		
Party Connected to the Grid	For definition see Harmonised Role Model .		
Producer	For definition see Harmonised Role Model .		
Reconciliation Accountable	For definition see Harmonised Role Model .		

Term	Description	Short explanation in ebIX perspective	Link for more information / comments
Reconciliation Responsible	For definition see Harmonised Role Model .		
Register	For definition see Harmonised Role Model .	This is one out of possibly multiple Registers in a Meter.	
Resource	For definition see Harmonised Role Model .		ebIX Overview of energy flexibility services
Resource Aggregator	For definition see Harmonised Role Model .		ebIX Overview of energy flexibility services
Responsible Role	A market party responsible for the process in question.	A business term used in ebIX® BRSs , normally mapped to the several roles from the HRM .	
Scheduling Area	For definition see Harmonised Role Model .		
Shipper	Also called Transmission Capacity Responsible Party . The Shipper is acting in a role that is responsible for nominating transport capacity for Accounting Points on behalf of the Customer or the Energy Supplier.	Used in the gas sector like the BRP in the electricity sector.	
Specific Party	A party that can be explicitly specified, such as a Flexibility Service Provider (FSP) or an Energy Service Company (ESCO), that needs specific Customer data to perform its services.	A business term used in ebIX® BRSs , normally mapped to the several roles from the HRM .	
System Operator	For definition see Harmonised Role Model .		
Trade Responsible Party	For definition see Harmonised Role Model .		

Term	Description	Short explanation in ebIX perspective	Link for more information / comments
TSO	From ENTSO-E business glossary: A natural or legal person responsible for operating, ensuring the maintenance of and, if necessary, developing the transmission system in a given area and, where applicable, its interconnections with other systems, and for ensuring the long-term ability of the system to meet reasonable demands for the transmission of electricity.		
Validator	A party responsible for validating Measured data.	Normally mapped to Metered Data Responsible.	

6 Generic terms

Term	Description	Short explanation in ebIX perspective	Link for more information / comments
Actor	An UML term specifying a role played by a user or any other system that interacts with the subject.	The Actor is a business partner playing an active part in the business process.	uml.org
Additions class	A class containing optional attributes to be agreed on a national level, in ebIX® BRSs , always with a yellow background.		
Administration	The process of maintaining a register of characteristics from one or more objects or entities, that is kept for and communicated with (parts of) the energy market.		
Allocation	The process of assigning the amount of energy that has been produced (fed into the grid) and/or consumed (taken from the grid) in a certain area, to a responsible Balance Responsible Party and/or Energy Supplier for a specific time period.		
Alignment of characteristics	A process where at the end all relevant parties are aligned with the intended set of characteristics.		See also Characteristic
Async Additions class	A class containing attributes needed when using asynchronous communication, in ebIX® BRSs , always with a green background.		Used in ebIX® BRS
Area	A general term for different collections of Metering Points, such as Bidding Zones, Scheduling Areas, Metering Grid Areas, Aggregated Reception Stations or Calorific Value Areas.		
Business area	An UMM term that corresponds to a division of an organisation. A business area might be composed of other business areas in a hierarchy.		UMM
Business Domain View	One out of three views of the UMM Business Requirements View, document in a BRS.		UMM

Term	Description	Short explanation in ebIX perspective	Link for more information / comments
Business Entity View	One out of three views of the UMM Business Requirements View, document in a BRS.		UMM
Business Information Model	Documents the technical implementation of BRSs .		Introduction to ebIX® models
Business Partner View	One out of three main views of UMM , documented in a BRS .		UMM
Business Process ID	The unique identification of this instance of the process that this transaction is a part of.	Used in ebIX® BRS .	ebIX® Documents page
Business Requirements Specification (BRS)	A description of functional requirements for business processes made by business experts, following UMM .		UMM and ebIX® Documents page
Business Requirements View	One out of three main views of UMM , documented in a BRS . The others two are Business Choreography View and Business Information View, which are document in a BIM .		UMM
Cardinality	The multiplicity for attributes and classes in the exchanged document in question.		
Calorific Value	In the gas sector used as a multiplication factor for the energy content of a gas volume.		
Characteristic	An attribute, quantity, etc. of an object or entity, that is of interest for the energy market players and processes, registered in an administration.		
Charge	A generic term for tariffs, fees, subscriptions, taxes etc.	Used in ebIX® BRS for common grid and supply billing.	ebIX® Documents page
Collected data	The information set sent by a Metered Data Collector responsible for the data collection from a meter, to the Validator in charge of the Metering Point to which this Meter belongs.	Used in ebIX® BRSs for measure.	ebIX® Documents page

Term	Description	Short explanation in ebIX perspective	Link for more information / comments
Consented request	A request for information where the requestor has got a consent to retrieve the information by the owner of the information.	Used in ebIX® BRSs.	ebIX® Documents page
Imbalance Settlement	The settlement of the difference between the energy that was planned to put in or take from a grid and what happened physically.	Used in ebIX® BRSs.	ebIX® Documents page
Licensed Party	A party (enterprise) having been issued with a licence by the required authority.		Wiktionary.org
Load profile	Or just profile, is a graph of the variation in the energy over time. A load profile will typically vary according to Customer type, temperature and holiday seasons.		
Master data	Master Data represents data about the business entities that provide context for business transactions. This is normally data with a long validity.		Wikipedia.org
Measured data	Data taken from a Meter that measures quantities or qualities of energy to or from a Metering Point.		
Meter time frame	A code specifying the tariff time frame for a Register, Such as daytime, night-time, peak-hours or weekend.		
Metered data		Old term – not to be used anymore. Use Measured data instead.	
Metering configuration	The physical set up, linked to the physical connection of the Metering Point to the grid, to enable measurement of quantities and/or qualities of the energy (exchange, consumption and/or production) being measured for a Metering Point. The configuration may consist of only one energy meter or may consist of multiple fields with multiple meters for different functions.		

Term	Description	Short explanation in ebIX perspective	Link for more information / comments
Notify characteristics	A process where an administrator sends characteristics to all Linked Parties or all Entitled Parties.		See also Characteristic
Reconciliation	The process that recalculates previous allocated volumes (based on profiles and estimated volumes) using measured energy volumes.		
Supplier centric market model	A market model where the Energy Supplier is the single point of contact for the Customer.		
Snapshot date	The date (and time) when the dataset concerned was taken (copied) from the administration.		
Transaction ID	The unique identification of a set of information, such as one instance of a Request change of supplier document or a set of Accounting Point characteristics.	Used in ebIX® BRS .	ebIX® Documents page
Validated data		Old term – not to be used anymore. Use Validated measured data instead.	
Validated measured data	Measured data that is validated after collection or estimation/calculation of that data by the responsible party. Subsequently the measured data can be used for processes such as billing.		
Validity (start) date	The date when the set of data concerned becomes or became valid.		

7 Specific terms

Term	Description	Short explanation in ebIX perspective	Link for more information / comments
Accounting Point characteristics	The set of data elements of an Accounting Point that is or might be relevant to parties linked to the Accounting Point and/or parties that have a consent to receive/update these characteristics to fulfil their obligations.	Used in ebIX® BRSs.	ebIX® Documents page
Energy Customer	The Customer having a Supply Agreement with the Energy Supplier .		See also Customer
Grid agreement	An agreement related to connection to the grid between the Customer and the Grid Company . Also called Supply Contract .		
Grid Contract	Same as Supply Agreement.		
Grid Customer	The Customer having a grid connection agreement with the Grid Company.		See also Customer
Meter administration	A register where characteristics of metering configurations for Metering Points are administered.		See also Administration
Meter Read	The character string as read from the register of a meter for this observation as part of this set of collected data.		
Metering configuration characteristics	The set of data elements of the metering configuration of a Metering Point that is or might be relevant to parties linked to the Metering Point and/or parties that have a consent to receive metering configuration characteristics to fulfil their obligations.		See also Characteristic and Metering configuration
Metering Point administration	A register where characteristics of all Metering points for an area are administered, maintained by the Metering Point Administrator .		See also Administration and MPA
Metering Point characteristics	The set of data elements of a Metering Point that is or might be relevant to parties linked to that Metering Point and/or parties that have a consent to receive/update these characteristics to fulfil their obligations.	Normally Accounting Point is used instead of Metering Point in ebIX® BRSs. Metering Point is only used if it may include an Exchange Point .	See also Characteristic



Term	Description	Short explanation in ebIX perspective	Link for more information / comments
Supply Agreement	An agreement for supply of energy between the Energy Supplier and the Customer . Also called Supply Contract.		
Supply Contract	Same as Supply Agreement.		