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EASEE-gas

European Association for the Streamlining of Energy Exchange – gas

Common Business Practice

Number: 2018-001/04

Subject: Harmonised Gas Role Model– Business Process perspective

Approved: 2023-11-30

Summary

This Common Business Practise identifies and defines the different roles carried out within the gas market and viewed from business process perspectives.

2018-001-04

24 **About EASEE-gas**25 <https://easee-gas.eu/about-easee-gas>

26

27 **Version List**

28

Number / Version	Approved	Implementation date
2018-001 / 01	2018-09-12	Tbd
2018-001 / 02	2020-01-31	Tbd
2018-001 / 03	2022-08-22	Tbd
2018-001 / 04	2023-11-30	Tbd

29

30 **Reference List**

31

Reference	Document name	Version
Edigas 5 MIGs	Version 5 – Official https://www.edigas.org/version-5/	Edigas V 5.1
Edigas 6 MIGs	Version 6 – Recommended https://www.edigas.org/version-6/	Edigas V 6.1
ENTSOG Glossary	Glossary of existing definitions https://www.entsog.eu/public/uploads/files/publications/Tariffs/2017/170421_ENTSOG_Glossary%20of%20definitions.pdf	2017-04-21
BRS NOM & Matching	Business Requirements Specification for the Nomination and Matching Procedures In Gas Transmission Systems (NOM BRS) https://www.entsog.eu/public/uploads/files/publications/CMP/BAL0453_160622_BRS%20on%20nominations_V17.pdf	2016-11-07
BRS CAM/CMP	Business Requirements Specification for the Capacity Allocation Mechanism (CAM) Network Code and the Congestion Management Procedures (CMP) Guidelines https://www.entsog.eu/public/uploads/files/publications/INT%20Network%20Code/2016/CAP0554_160412_BRS_CAM+CMP_V16.pdf	2016-04-12
EC Directive 2009/73	DIRECTIVE 2009/73/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL https://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2009:211:0094:0136:en:PDF	2009-07-13
REMIT	ACER REMIT Implementation Regulation https://documents.acer-remit.eu/wp-content/uploads/Implementing_Regulation.pdf	2014-12-17

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33 **Common Business Practice 2018-001/04 "Harmonised Gas Role**
34 **Model - Business Process perspective"**

35

36 **1.1 APPLICATION AREA**

37 The Role Model has been developed to represent actions between different market
38 participants in the gas industry. The main focus of the document is on information
39 exchange between market participants (excluding legal matters). The aim of the
40 document, however, is to provide a common terminology for the roles that are used
41 among most European countries.

42

43 The Model is only applicable for the Gas Market and not for other Energy segments.
44 It has been developed by EASEE-gas with input from other associations.

45

46 **1.2 EXPLANATORY NOTES**

47 The following information can be found in an explanatory note:

- 48 - The explanation of roles and parties
- 49 - How to read the role model
- 50 - Where to find former Shipper, Network User and TSO

51

52 **1.3 CHANGE AND RELEASE MANAGEMENT**

53 Comments can be given anytime to EASEE-gas directly, email [easee-](mailto:easee-gas@kellencompany.com)
54 [gas@kellencompany.com](mailto:easee-gas@kellencompany.com). In the CBP section of the EASEE-gas website there is a
55 link to the excel template for comments. EASEE-gas will collect the input and review
56 it on regular basis. Depending on the numbers of comments, a new version will be
57 initiated. A document change log is given in the end of the role model document.

58

59 **2 HARMONISED ROLE DESCRIPTIONS**

Role Name	Description
Allocation Responsible	A party allocating energy to portfolios based on agreed procedures, confirmations, and measured data. This data is aggregated according to a defined set of market rules.
Area Coordinator	<p>A party responsible for the management of balancing groups, system balancing activities and/or the provision of data (for example settlement and balancing information). Other duties and responsibilities might be stipulated in the respective national laws.</p> <p>Additional information: The Area Coordinator is also responsible for the price determination for balancing energy in the network.</p>
Balance Responsible Party	<p>A party accountable for its imbalances.</p> <p>Additional information: Imbalance means the difference between the allocated energy to and from the balancing area and may lead to financial or legal consequences. The party may be a Network User following the definition in the ENTSOG glossary.</p>
Capacity Platform Responsible	The Capacity Platform Responsible manages, on behalf of the System Operators, the offering and allocation of all available transmission capacity products. He offers the available transmission capacity to the market, allocates the available transmission capacity to individual Capacity Responsible Parties and calculates the billing amount of already allocated capacities to the Capacity Responsible Parties.
Capacity Responsible Party	<p>A party that has a contract to participate in the Capacity Market to acquire capacity through a Capacity Platform Responsible.</p> <p>Additional information: Its actions are based on a legally binding agreement, being a contract with the capacity platform or with the Transmission System Operator or another contract. May be a Network User following the definition in the ENTSOG glossary.</p>

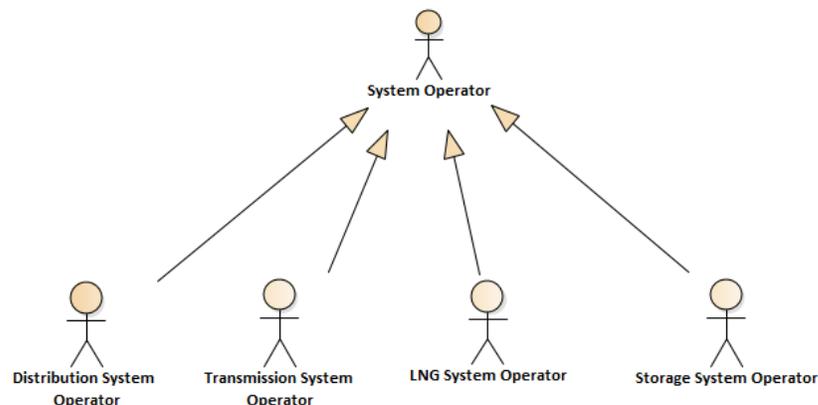
Role Name	Description
Clearing Responsible	<p>A party being a Clearing House to settle trades concluded on the Energy Trading platform or trades registered directly at the Clearing House for clearing by means of special rights as single sided or on-behalf nominations.</p> <p>Additional information: A Clearing Responsible nominates energy based on concluded transactions on the Energy Trading Platform for the relevant Traders to the relevant Area Coordinator via the Trader's chosen Balance Responsible Party.</p>
Distribution System Operator	<p>A party who carries out the function of distribution and is responsible for operating, ensuring the maintenance of, and, if necessary, developing the distribution 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 distribution of gas.</p> <p>Additional information: This definition is based on the Directive 2009/73/EC.</p>
Energy Service Company	<p>A party offering energy-related services to other market roles, but not directly active in the energy value chain or the physical infrastructure itself. The Energy Service Company may provide insight services as well as energy management services.</p>
Energy Trading Platform Responsible	<p>A party that provides a service whereby the offers to sell energy are matched with bids to buy energy.</p> <p>Additional Information: This usually is an energy/power exchange or platform.</p>
Final customer	<p>A party purchasing gas for its own use.</p> <p>Additional information: Includes gas consumers and electricity producer. Same as "end-user" in other documents. This definition is based on the Directive 2009/73/EC.</p>
LNG System Operator	<p>A party who carries out the function of liquefaction of natural gas, or the offloading, and regasification of LNG and is responsible for operating a LNG facility.</p> <p>Additional information: This definition is based on the Directive 2009/73/EC.</p>

Role Name	Description
Market Information Aggregator	<p>A party that provides market related information that has been compiled from the figures supplied by different actors in the market. This information may also be published or distributed for general use.</p> <p>Additional information: The Market Information Aggregator may receive information from any market participant that is relevant for publication or distribution. It could be EU regulator, national regulator, ENTSOG as transparency platform responsible, TSO/SSO/LSO's transparency platform, Inside Information Platforms or Registered Reporting Mechanism Users.</p>
Meter Operator	A party responsible for installing, maintaining, testing, certifying and decommissioning physical meters.
Metered Data Responsible	A party responsible for the collection, storing, validation, aggregation and distributing validated metered data. It is also responsible for the history of metered data.
Party Administrator	A party responsible for maintaining party characteristics for the energy sector.
Producer	A party that generates or produces energy.
Production Facility Operator	A party that manages gas production within a production facility.
Reconciliation Responsible	A party that is responsible for reconciling, within a given network, the energy used in the imbalance settlement process for portfolios and the actual metered quantities.
Storage System Operator	<p>A party who carries out the function of storage and is responsible for operating a storage facility.</p> <p>Additional information: This definition is based on the Directive 2009/73/EC.</p>
Supplier	A party who is contracting the supply of energy to the Final Customer.

Role Name	Description
System Operator	<p>A party that develops, operates, maintains and provides access to gas infrastructure such as transmission networks, underground storage, LNG terminals and distribution networks.</p> <p>Additional information: System Operator is the generalisation of the DSO, LSO, SSO and TSO.</p>
Trader	<p>A party that is selling or buying energy.</p> <p>Additional information: A Trader can interact on an energy trading platform (virtual or physical).</p>
Transmission System Operator	<p>A party who carries out the function of transmission and is 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 transport of gas.</p> <p>Additional information: This definition is based on the Directive 2009/73/EC.</p>
Weather Data Provider	<p>A party that determines the forecasted and validated weather data for a designated area and provides it to the roles that request the information.</p>

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61 2.1 Role Generalisations



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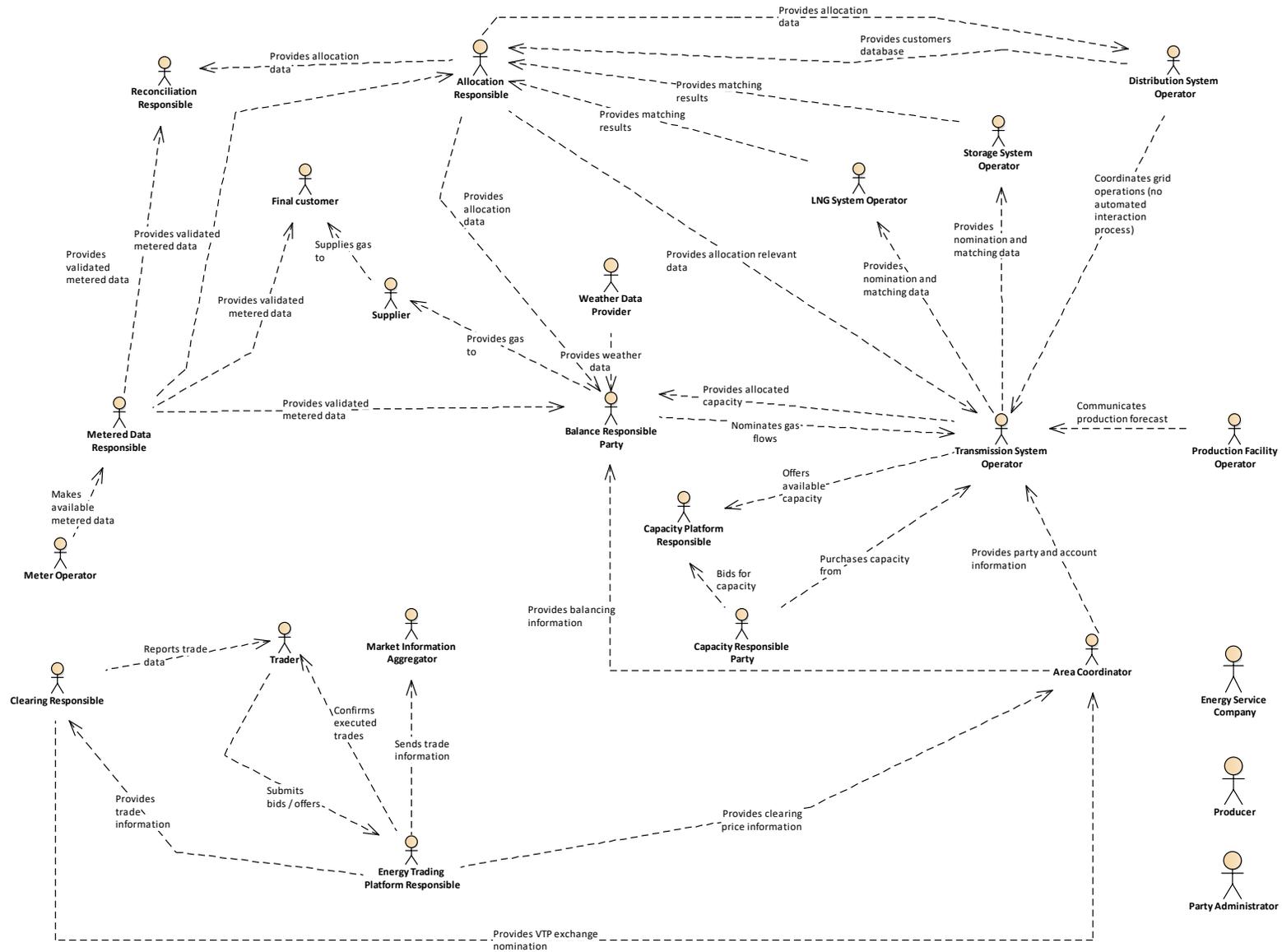
63

64 The System Operator is the parent role to the different specific roles as shown in
65 the diagram above.

66

67 **3 OVERVIEW OF THE ROLES IN THE MODEL**

68 The overview provides a perspective of the role model making use of only one
69 interaction between each pair of roles in order to avoid clutter in the diagram. The
70 interaction chosen may not necessarily be significant to some but the objective is
71 simply to place the roles in the diagram.



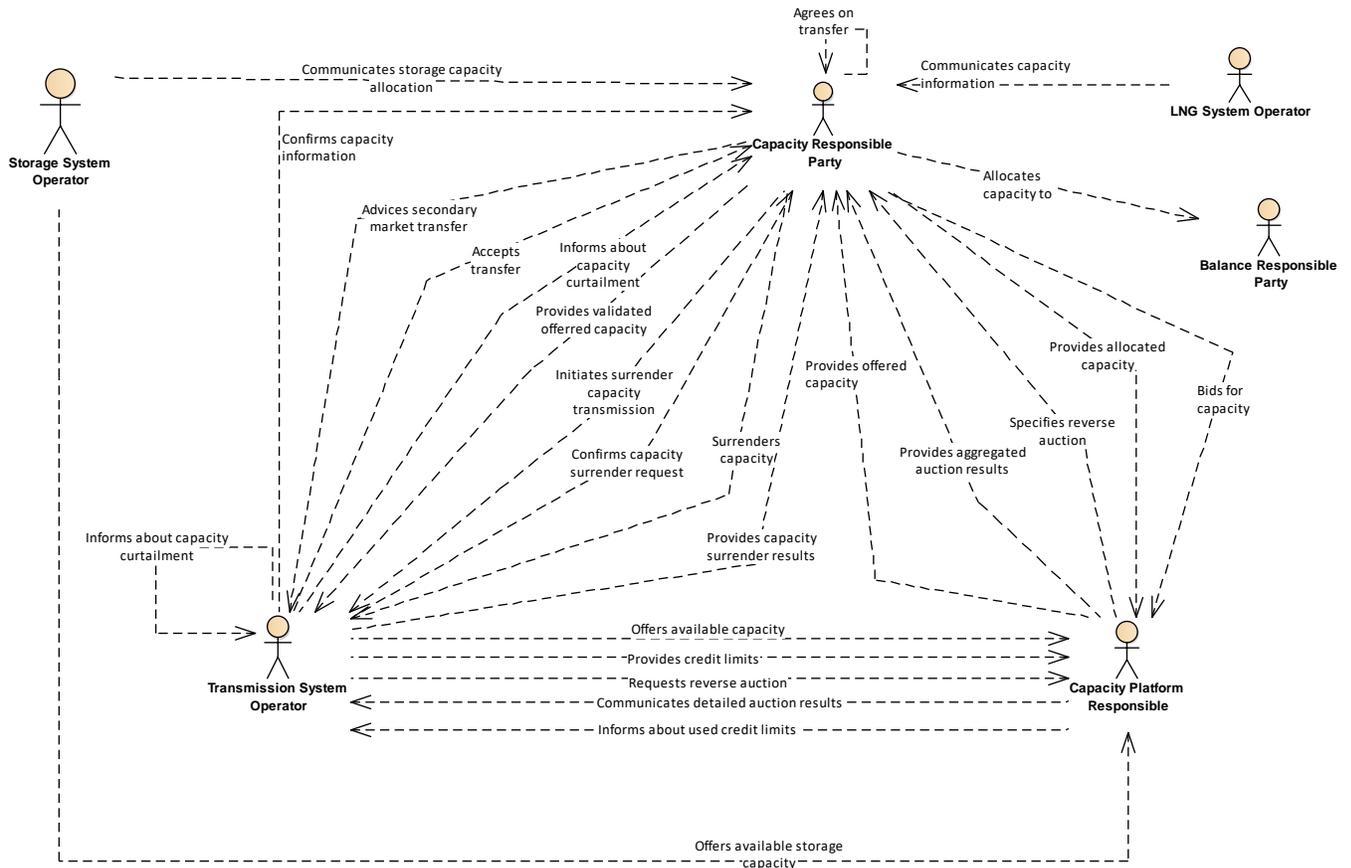
73 **4 BUSINESS PROCESS INTERACTIONS**

74 The following business processes are covered by the Gas Role Model:

- 75
- 76 - Capacity Allocation Process
- 77 - Gas Trading Process
- 78 o Exchange Gas Trading Process
- 79 o OTC Gas Trading Process
- 80 - Nomination and Matching Process
- 81 - Balancing and Settlement Process
- 82 o Metering Process
- 83 o Allocation Process
- 84 o Balancing Process
- 85 o Settlement Process
- 86 - REMIT and Transparency Process
- 87 - System Operation Process

88
89 **4.1 CAPACITY ALLOCATION PROCESS**

90 The Capacity Allocation Process is necessary for the implementation of a
91 transparent and non-discriminatory system of access to and allocation of gas
92 networks transmission capacities for all Capacity Responsible Parties.
93
94

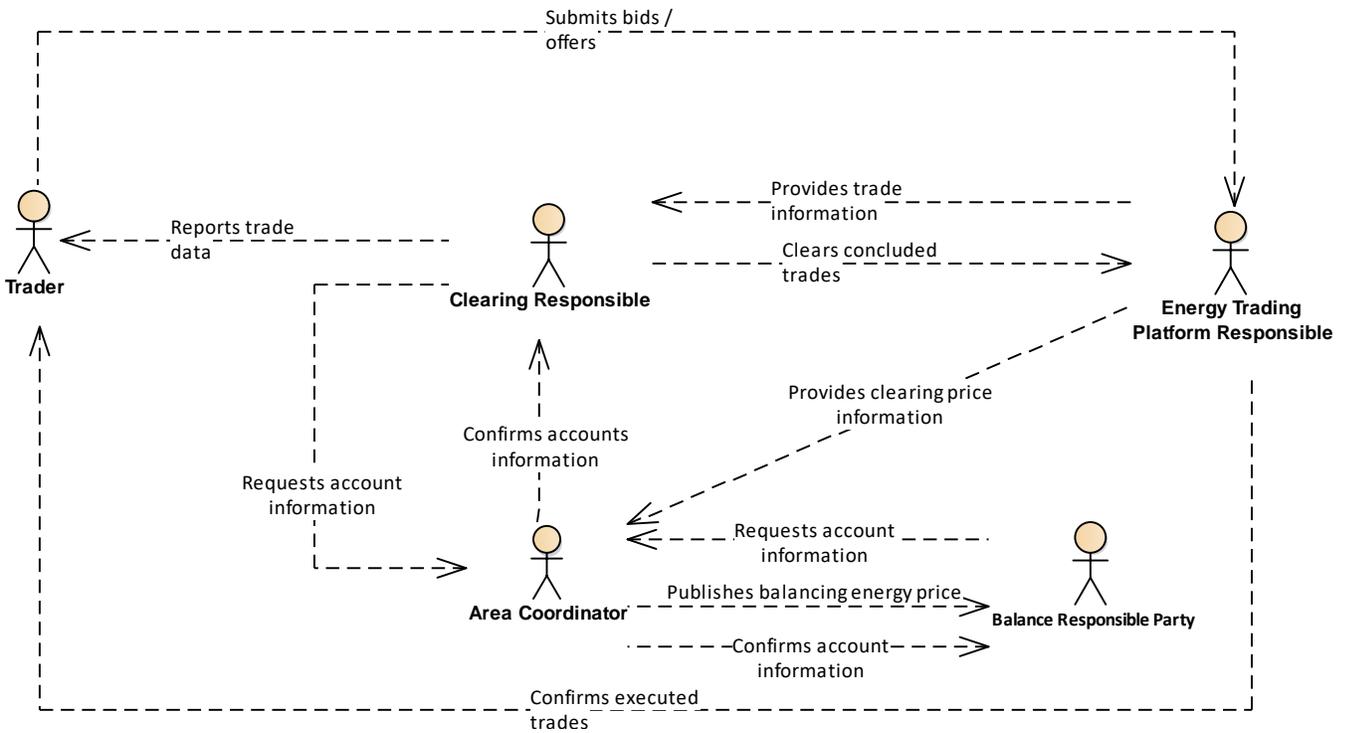


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95 **4.2 GAS TRADING PROCESS**

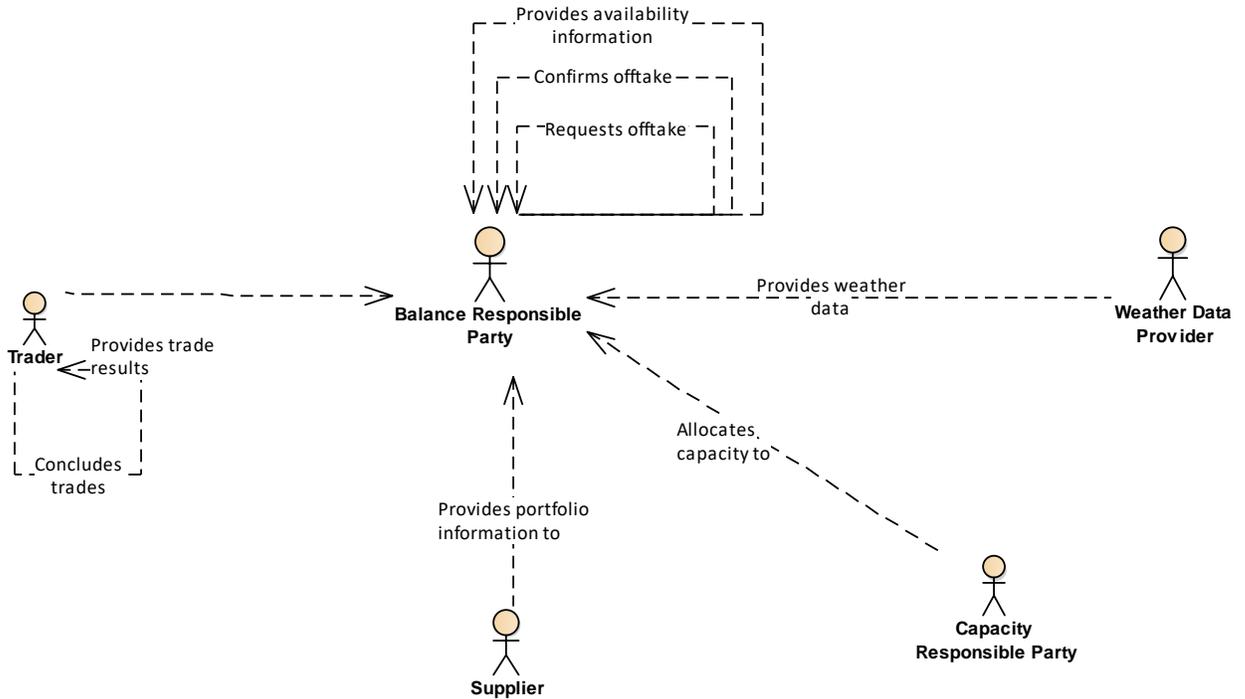
96 **4.2.1 Exchange Gas Trading Process**

97 The Exchange Gas Trading Process takes place at an energy trading platform where
 98 a Trader from party A offers a quantity of gas with a certain price for a specific
 99 delivery time and a Trader from another party B agrees to the offer. The offer and
 100 agreement lead to a trade which is executed by the Clearing Responsible Party of
 101 the Energy Trading Platform Responsible. This nomination to the virtual trading
 102 point of the Area Coordinator is done single sided (see Nomination & Matching
 103 process). The Balance Responsible Parties of party A and B will balance their
 104 portfolios in line with the traded quantities. Area Coordinators may use the process
 105 for Area Balancing purposes.
 106
 107



108 **4.2.2 OTC Gas Trading Process**

109 In the OTC Gas Trading Process Balance Responsible Parties provide availability and
110 offtake information for buying or selling gas based on bilateral contracts. These gas
111 quantities will be used to balance the portfolio of the Balance Responsible Party.
112 To be able to operate gas trading contracts, Balance Responsible Parties receive
113 input from Traders, Suppliers and Capacity Responsible Parties.
114
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116

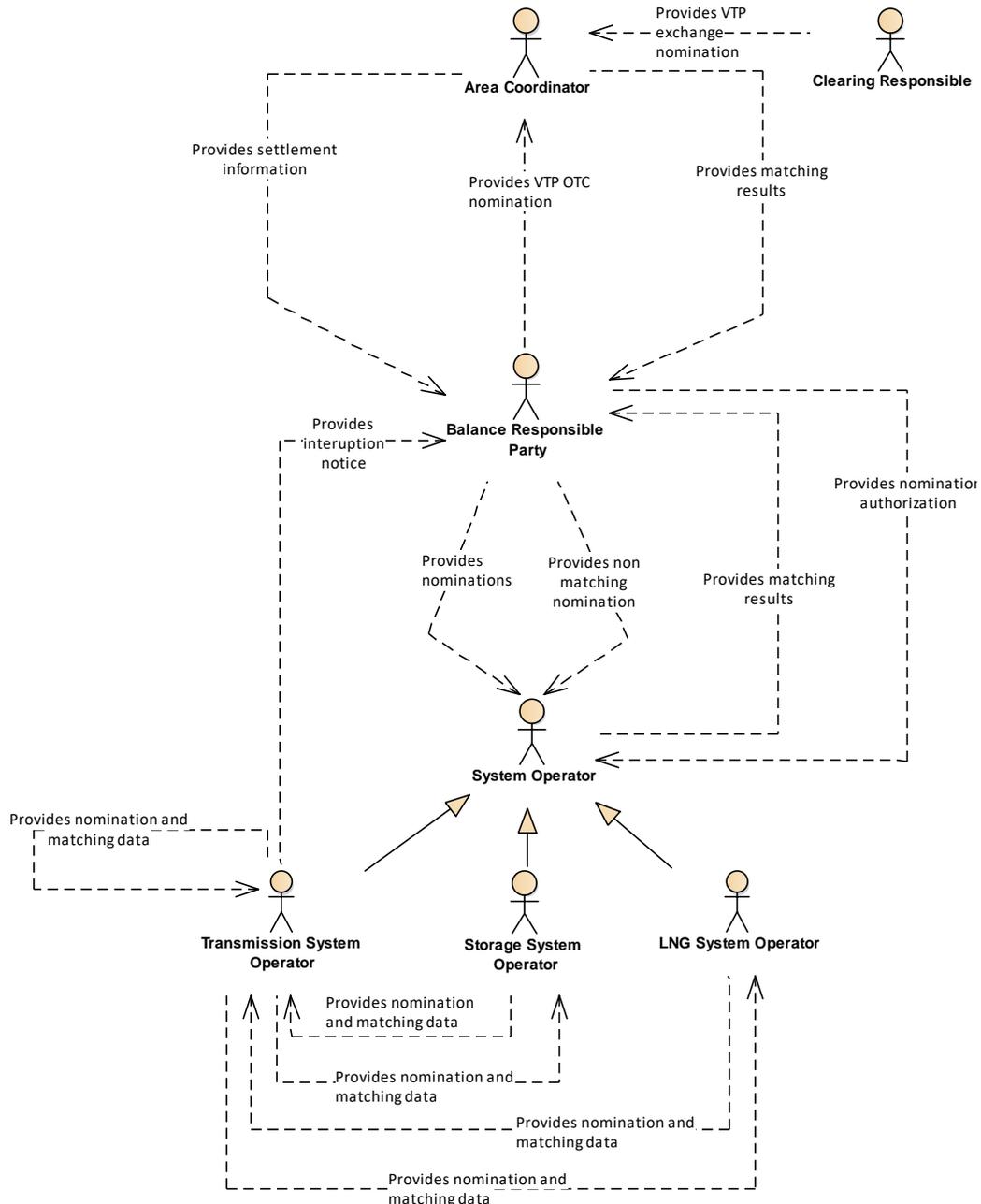


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117 **4.3 NOMINATION AND MATCHING PROCESS**

118 The Nomination and Matching Process consists of two steps:

- 119 1. A nomination is the prior reporting by the Balance Responsible Party to the
- 120 System Operator of the actual flow that the Balance Responsible Party wishes to
- 121 inject into or withdraw from the system. Additionally, a nomination to the virtual
- 122 trading point is done by the Balance Responsible Party to the Area Coordinator to
- 123 indicate the traded quantities.
- 124 2. Matching is the process of comparing and aligning processed quantities of gas for
- 125 Balance Responsible Parties at both sides of a connection point between
- 126 systems, which results in confirmed quantities for the Balance Responsible
- 127 Parties. The matching on the virtual trading point confirms the traded quantities.
- 128
- 129

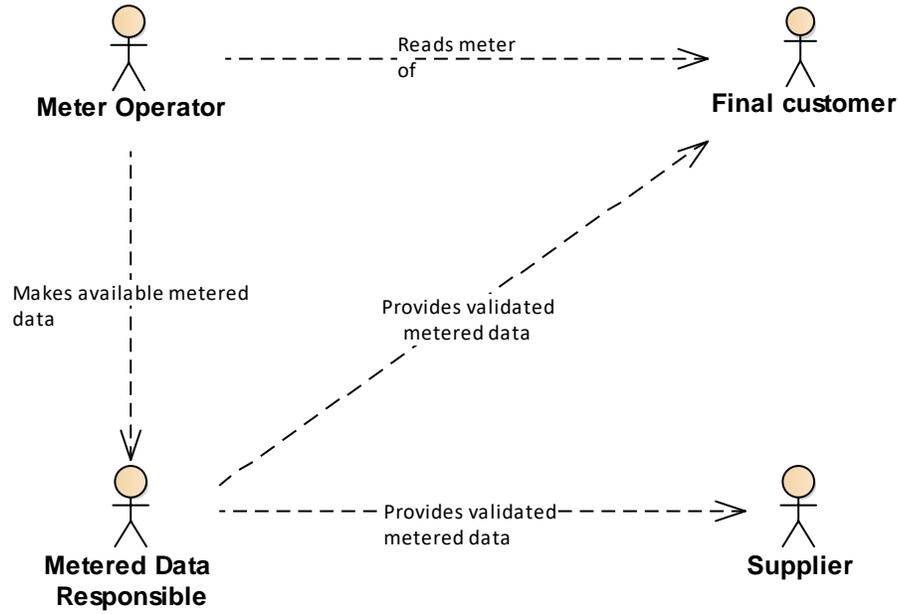


130 **4.4 BALANCING AND SETTLEMENT PROCESS**

131 **4.4.1 Metering Process**

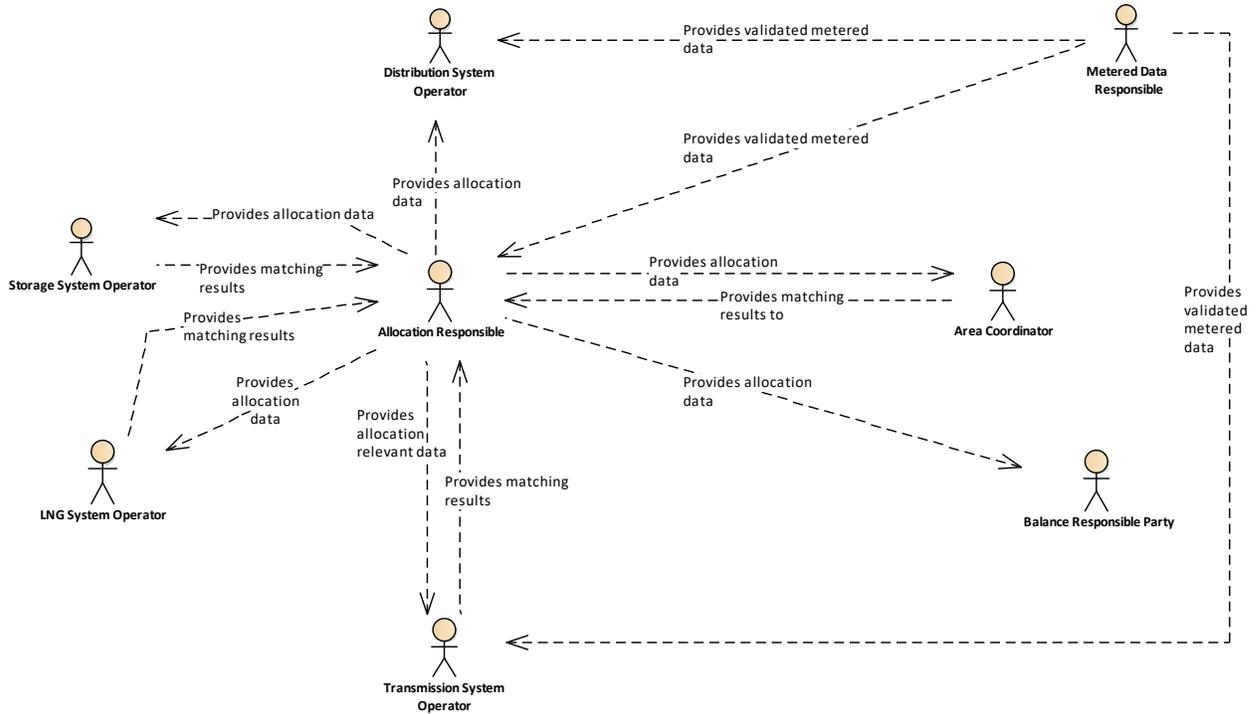
132 The Metering Process describes the interactions necessary to obtain connection
 133 point metering information, compiling the information and providing it to all
 134 interested parties.

135
 136



137 **4.4.2 Allocation Process**

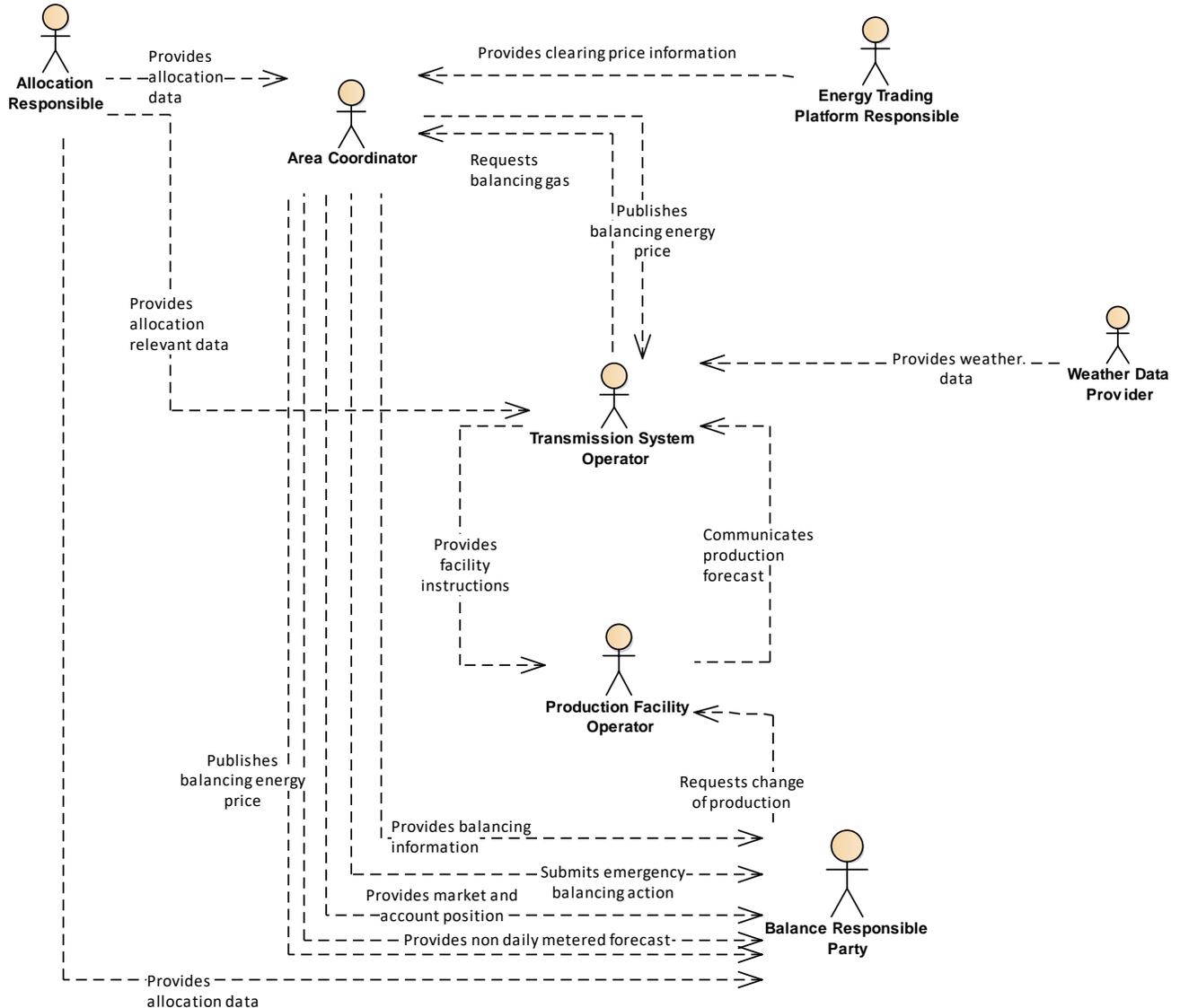
138 The Allocation Process is carried out by an Allocation Responsible and consists in
 139 attributing amounts of energy to Balancing Responsible Parties at a connection point
 140 based on confirmed nominations' quantities, metering data and the agreed
 141 allocation rule. The allocation information is provided to all concerned parties.
 142 Provisional allocations are based on non-validated metering or replacement data.
 143 Final allocations are based on validated metering data.



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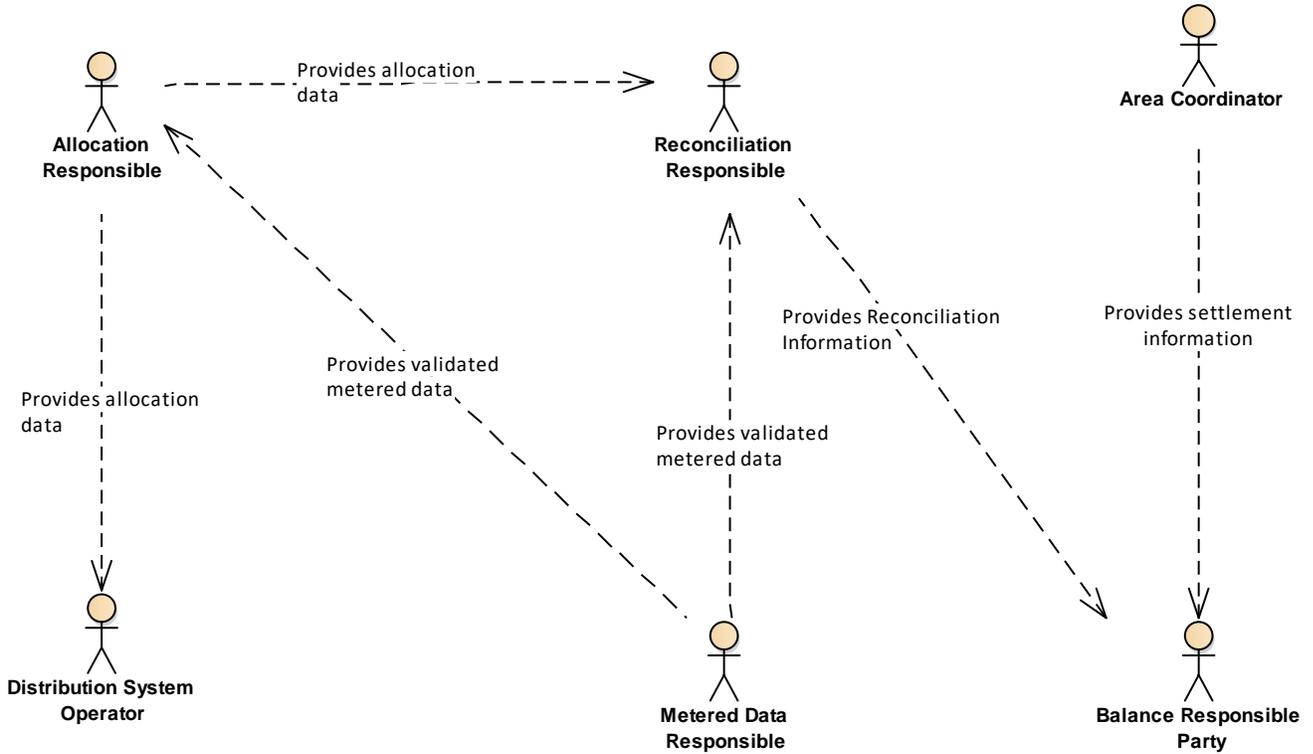
146 **4.4.3 Balancing Process**

147 In a balancing area the Balancing Process applies the rules for Balancing
 148 Responsible Parties to balance their portfolio, for Area Coordinators to inform
 149 Balance Responsible Parties about their portfolio imbalance and for Area
 150 Coordinators to undertake balancing actions to keep the balancing area within its
 151 operational limits. The portfolio imbalance is calculated based on allocation data for
 152 connection points and concluded trades on the virtual trading point.
 153
 154



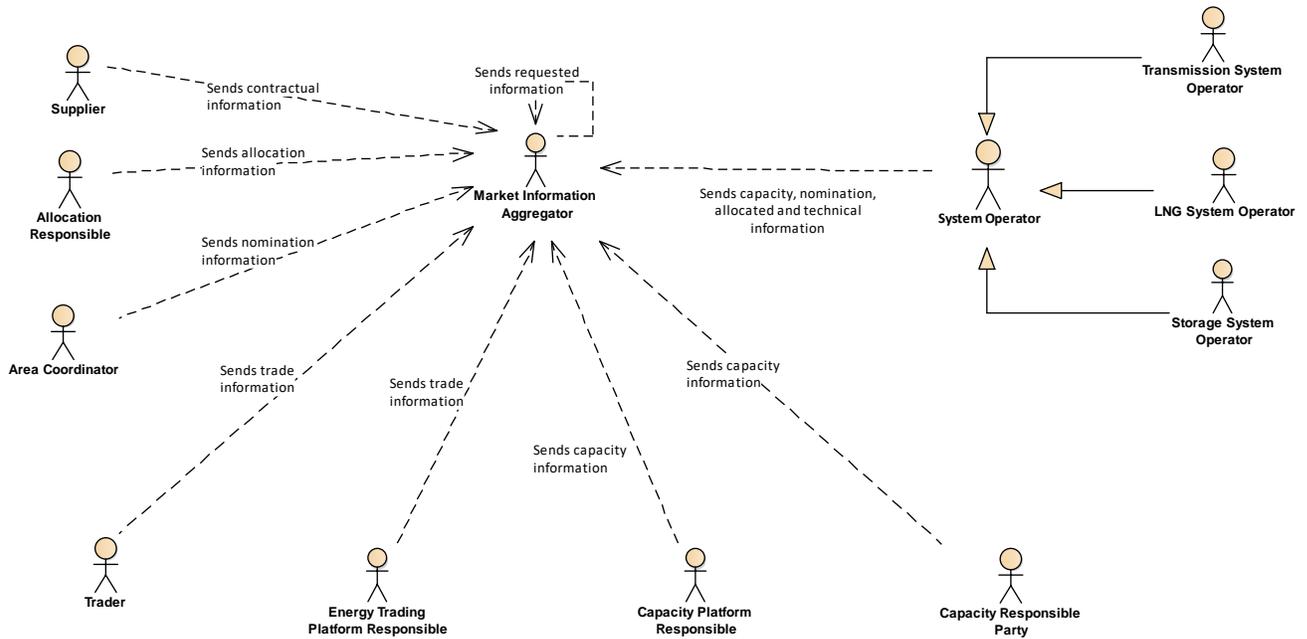
155 **4.4.4 Settlement Process**

156 The Settlement Process is carried out to settle balancing actions and daily imbalance
157 charges, to settle the difference between provisional and final allocations and also to
158 settle reconciliation that would be necessary between the allocations and actual
159 consumption subsequently derived from Final Customer meter readings when
160 obtained. The Settlement Process includes the information flows between parties to
161 perform such settlements.
162
163



164 **4.5 REMIT and Transparency Process**

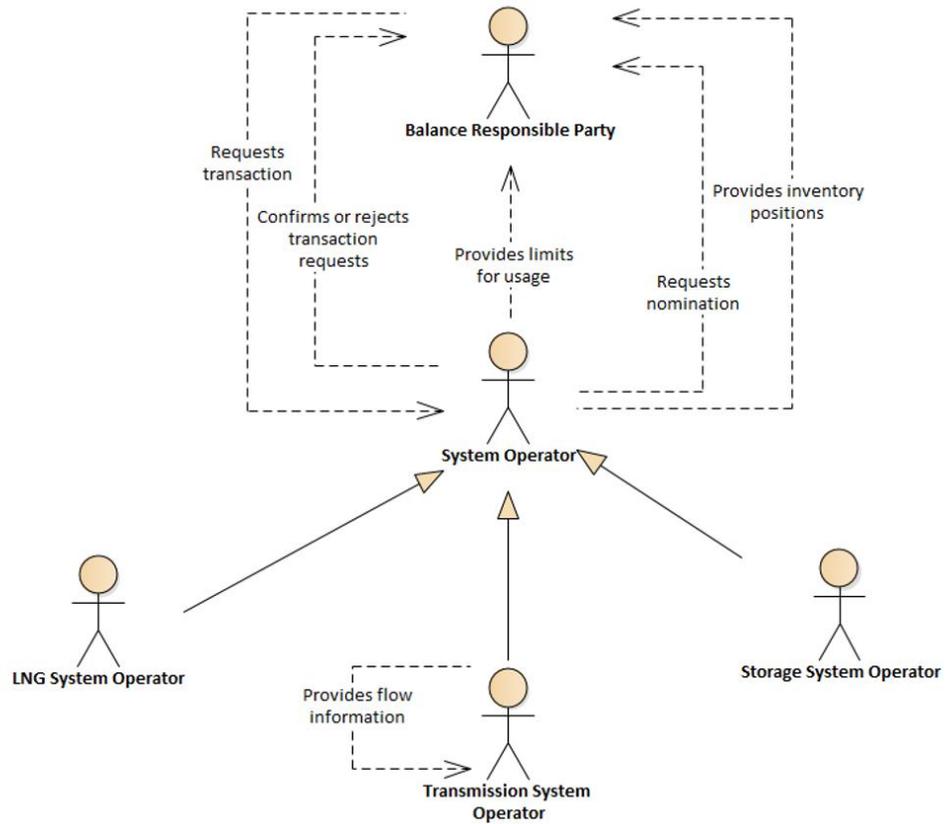
165 The REMIT and Transparency Process defines the interactions between reportable
 166 market participants (like System Operators or Traders and including other
 167 platforms) and Market Information Aggregators for the information required for
 168 publication in order to ensure market transparency under Regulation (EC)
 169 715/2009 and Regulation (EU) 1227/2011.
 170



171 **4.6 System Operation Process**

172 The System Operation business process consists of two parts:

- 173 1. Requesting and providing flow information, like flow commitments.
 174 2. Information needed for a BRP to effectively manage their products, like
 175 storage limits and inventory level information.
 176



177