Business Requirements Specification
For the
Nomination (NOM)
Network Code

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Approved
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1 Objective

The Network Code on Gas Balancing (NC BAL) of transmission networks sets forth provisions in respect to gas balancing regimes within the borders of the European Union with the aim to facilitate gas trading across balancing zones toward greater market integration.

It defines gas balancing rules, including network-related rules on nominations procedure, on imbalance charges and on operational balancing as required by Article 8(6)(j) of the Regulation.

Its aim is to harmonise gas balancing arrangements to support the completion and functioning of the European internal gas market, the security of supply and appropriate access to the relevant information, in order to facilitate trade, including cross-border trade, to move forward towards greater market integration.

The Network Code on Capacity Allocation Mechanisms (NC CAM) defines how adjacent Transmission System Operators cooperate in order to facilitate capacity sales, taking into consideration general commercial as well as technical rules related to capacity allocation mechanisms. The Congestion Management Principles (CMP) guidelines provide rules in respect to contractual congestion in gas transmission networks.

This document defines the business requirements that are necessary for a harmonised software implementation of the information exchanges necessary to satisfy the processes defined in the above mentioned Network Codes in addition to in the future Network Code on Interoperability and Data Exchange Rules (NC INT).

2 Scope

This document outlines the external business requirements that are necessary in order to ensure a harmonised transmission of information between parties participating in the nomination and matching environment. It is intended for use by parties involved in such an implementation. In particular, it forms a specification to enable EASEE-gas to produce documentation that can be approved and published.

This Business Requirements Specification (BRS) covers only those requirements that are essential for the harmonised implementation of nomination and matching process exchanges.

This Business Requirements Specification (BRS) is targeted towards business-to-business application interfaces. However, it may be equally put into place in a more user-orientated fashion through a web-based service.

This document does not define a governance process for attribute definitions or other requirements. Such a process will need to be determined and defined elsewhere.

The requirements set out in this document are subject to change if there is any change in the obligations on transmission system operators.

The Business Requirements Specification does not describe the process for determining the identification of which capacity is to be interrupted.
In the diagrams the notions of initiating and matching system operator appear, these roles may be provided by an intermediary where there is agreement between the transmission system operators.

This document, for readability purposes, uses the single sided nomination process as systematically coming from the Initiating System Operator. However it should be clearly understood that a single sided nomination can be received by one or the other Transmission System Operators as bilaterally agreed by them. The receiver of the single sided nomination is independent from the initiating or matching role being played. If the Transmission System Operators agree then network users can decide themselves which Transmission System Operator will receive a single-sided nomination.

Note: The information requirements specify that multiple connection points are possible within an information flow. However it has been left to each Transmission System Operator to determine whether or not in an information flow it will be permitted to provide only one connection point or multiple connection points.

It should also be noted that all timings mentioned in the document are the maximum possible. All actions, however, should be taken as soon as reasonably possible.
3 Business requirements

This section describes in detail the business requirements that the information flows are intended to satisfy.

3.1 Nomination requirements

This section outlines the overall business process behaviour of the system without going into the detailed internal workings of each entity. It defines the external requirements of the business process and the relationships between the entities concerned.

![Figure 1: overview of the nomination process use case](image-url)
3.2 List of actors

3.2.1 Registered Network User

A network user that has acceded to and is compliant with all applicable legal and contractual requirements that enable him/her to book and use capacity on the relevant Transmission System Operator’s network under a capacity contract.

A Registered Network User in the context of this document has obtained a right to nominate and is understood in the Balancing Network Code as a Shipper.

3.2.2 Transmission System Operator

A natural or legal person 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. It is also responsible for ensuring the long term ability of the system to meet reasonable demands for the transportation of gas.

At each connection point a Transmission System Operator may have four specific roles in two different contexts:

1. In the context of the interface with the Registered Network user:
   - That of a Transmission System Operator who receives all nominations submitted by the Network Users registered in the system operator’s area;
   - That of the adjacent Transmission System Operator who is the Transmission System Operator that receives all nominations submitted by all the counter party Network Users of this Network User.

2. In the context of the matching process between Transmission System Operators
   - That of an Initiating Transmission System Operator who is the Transmission System Operator that initiates the matching process by sending all necessary data to the Matching Transmission System Operator.
   - That of a Matching Transmission System Operator who is the Transmission System Operator that performs the matching process and who sends the results to the Initiating Transmission System Operator.

3.3 Use case detail

3.3.1 Provide market specific information

This use case enables the provision of market specific information related to the Registered Network User to the Transmission System Operator. It is outside the scope of this Business Requirements Specification and is only provided for information.
This enables the establishment of the business rules and obligations for the use of single
sided nominations between the Transmission System Operator and the Registered Network
User.

3.3.2 Submit nominations
This use case enables a Registered Network User to provide nominations for processing to a
Transmission System Operator. A nomination may be submitted by only one Registered
Network User on behalf of both parties (known as a single sided nomination) or each
Registered Network User on each side of the connection point (known as a double sided
nomination).

A single sided nomination means that there is no corresponding nomination transmitted by
the counter party Registered Network User to its Transmission System Operator. All single
sided nominations must only be submitted to the Transmission System Operator(s) that has
been designated by both Transmission System Operators which, for the purposes of this
document is shown as the Initiating Transmission System Operator.

A double sided nomination means that both Registered Network Users must submit
nominations independently to their respective Transmission System Operators on each side
of the connection point.

A nomination request made by a Registered Network User to the Initiating Transmission
System Operator may contain a mix of both single sided and double sided nominations.

There is no distinction made in the nomination request between bundled and unbundled
capacity or between firm and interruptible capacity. The nomination request shall contain
uniquely the total nominated quantity.

3.3.3 Process nomination requests received
This use case enables the Transmission System Operator receiving a nomination request to
validate its content. This process will be detailed in the use cases “process single sided
nominations” and “process nominations” described below.

The Transmission System Operator always acknowledges receipt of the nominations from
the Registered Network User and the forwarded nominations from the Transmission System
Operator that received a single sided nomination. The acknowledgement may be either
positive or negative.

3.3.3.1 Process single sided nominations
For the purposes of clarity and ease of description in this document the recipient of a single
sided nomination shall always be deemed as the Initiating Transmission System Operator
and the recipient of the forwarded single sided nomination shall always be deemed as the
Matching Transmission System Operator.

All single sided nominations shall be passed by the Initiating Transmission System Operator
to the Matching Transmission System Operator for local processing within 15 minutes after
the nomination deadline.
A single sided nomination shall only be forwarded to the Matching Transmission System Operator once the syntactical and semantic content of the submitted nomination is coherent.

It should be noted that within this process the Matching Transmission System Operator has to process all the single sided nominations that have been received from the Initiating Transmission System Operator to ensure that the validation rules are respected.

The forwarded nominations shall be transmitted on a per connection point basis.

A Transmission System Operator can only carry out any capacity checks once all the single-sided and the double-sided nominations have been received.

### 3.3.3.2 Process nominations

All double sided and single sided nominations are handled together on a connection point and account pair basis.

Standard processing is then carried out on each nomination to ensure that it respects all validation rules as well as ensuring that it remains within the nomination possibilities allowed for the Registered Network User.

When necessary the Transmission System Operator provides interruption notifications to the Registered Network User. Such notifications are for information and are only submitted once per nomination period.

Once processing has been completed the Initiating Transmission System Operator transmits to the Matching Transmission System Operator the nominations as processed as well as the nominations as received if agreed bilaterally by the Transmission System Operators.

### 3.3.4 Match nominations

This use case enables the Matching Transmission System Operator to match the processed results from both sides and to determine the quantities that are to be confirmed.

Once the matching has been finalised the confirmed nominations and the processed quantities established by the Matching Transmission System Operator are transmitted to the Initiating Transmission System Operator. If agreed between Transmission System Operators the double sided original nominations received by the Matching Transmission System Operator may also be transmitted.

### 3.3.5 Confirm nominations

This use case enables a Transmission System Operator to confirm to the Registered Network User the results of the submitted nomination requests.

In the case of single sided nominations as well as double sided nominations each Transmission System Operator shall provide the confirmed nominations to their respective Registered Network User.
The Registered Network User that submitted single sided nominations may also inform the counter party of the results.

### 3.4 Information flow definition

#### 3.4.1 Nomination Sequence flow

The operational sequence is broken down into 5 mandatory information flows and one optional flow. A sixth flow simply identifies for clarification the point where matching takes place.

The five mandatory flows are:

1. The transmission of nomination information between the Registered Network User and the Transmission System Operator. If the transmission is to the Initiating Transmission System Operator the information may contain single sided and double sided nomination information. If the transmission is to the Matching Transmission System Operator the information may only contain double sided nomination information.

2. The transmission of single sided nomination information between the Initiating Transmission System Operator and the Matching Transmission System Operator. This transmission occurs within 15 minutes after the nomination deadline and contains all the single sided nominations that have been received.

3. The transmission of matching information between the Initiating Transmission System Operator and the Matching Transmission System Operator. This transmission...
occurs within 45 minutes after the nomination deadline and contains all the nominations processed by the Initiating Transmission System Operator and optionally the nomination.

4. The transmission of the matching results between the Matching Transmission System Operator and the Initiating Transmission System Operator. This transmission occurs within 90 minutes after the nomination deadline and contains all the nominations where the processed information has been matched and that are confirmed. It also contains the processed results on the Matching Transmission System Operator side and optionally the nomination.

5. The transmission of the confirmation between the Transmission System Operator and the Registered Network Users. This transmission occurs within two hours after the nomination deadline and contains the results of their nominations.

A sixth information flow, interruption information, only occurs in the case where a Transmission System Operator has introduced an interruption to the Registered Network User nomination. In this case the Transmission System Operator informs the Registered Network User of the interruptions that have affected the nomination. This information is basically provided for information since processing of the nomination may not yet be completed. It must occur within the 45 minutes after the nomination deadline.
3.4.2 Nomination Workflow

3.4.2.1 Pre-nomination process workflow

Figure 3: Pre-nomination workflow
The pre-nomination process is to enable a Registered Network User to verify if the nominations submitted are valid in the environment of the receiving Transmission System Operator. The Registered Network User receives a response based on the pre-processed values. There is no matching carried out nor is the information passed to the Matching Transmission System Operator.

This step is not a binding possibility for a Transmission System Operator and may be not permitted if not agreed by both Transmission System Operators. If the step is permitted then the Registered Network User may decide to use it or not.

3.4.2.2 Nomination process workflow

![Nomination submission workflow diagram](image-url)

**Figure 4: Nomination submission workflow**
Nomination submissions are carried out as depicted in figure 4. The Registered Network User submits all nominations to the local Transmission System Operator.

In the case of single sided nominations only the Registered Network User whose Transmission System Operator acts also as the Initiating Transmission System Operator submits the single sided nominations.

Once the nomination submission has terminated and the nomination deadline has been met the matching process as depicted in figure 5 is carried out.
The Initiating Transmission System Operator then transmits all single sided nominations to the Matching Transmission System Operator within 15 minutes after the nomination deadline in order to facilitate processing by the Matching Transmission System Operator.
Once the nominations have been accepted, they are processed by the Transmission System Operators in order to ensure that they comply with local market rules.

If either Transmission System Operator has to carry out an interruption this information is provided to the Registered Network User for information.

Once all nominations have been processed, the Initiating Transmission System Operator transmits the processed results and optionally the nominations to the Matching Transmission System Operator.

The Matching Transmission System Operator verifies that the information is correct. All the processed quantities received from the Initiating Transmission System Operator are matched with all the processed quantities established by the Matching Transmission System Operator.

Any differences in the matching process have a basic rule applied (in general the lesser values rule). The final confirmed quantities are then transmitted by the Matching Transmission System Operator to the Initiating Transmission System Operator. This includes the quantities processed by the Matching Transmission System Operator and optionally all the nominations received.

The Initiating and Matching Transmission System Operators then confirm to their respective Registered Network Users the results of the matching process.

3.4.3 General Acknowledgement process

3.4.3.1 Business process definition

The acknowledgment business process is generic and can be used in all the energy market business processes at two levels:

- System level: To detect syntax errors (parsing errors, etc.);
- Application level: To detect semantic errors (invalid data, wrong process, etc.).

If there is a problem encountered at the first level, then a technical acknowledgement may be sent to inform the issuer of the problem.

If errors are encountered at the second level or if the application can successfully process the information, then an application acknowledgement may be sent to inform the issuer of the situation.
3.4.3.2 Technical acknowledgement

A technical acknowledgement occurs when an electronic document is received that cannot be correctly processed for submission to the application. Such an error could occur for example whenever the parser cannot correctly parse the incoming document. Other instances could be the incapacity to correctly identify the issuer of the document in relation to the process requested.

In such a case a technical acknowledgement can be sent to the document issuer providing the information that the electronic document in question cannot be correctly processed by the system.

3.4.3.3 Application acknowledgment

Within each business process of the gas market, business rules are to be defined stating whether or not an application acknowledgment is to be sent upon reception of an electronic document.
In particular, when the issuer is in the role of a Transmission System Operator and the recipient is in a “market participant” type of role, all electronic documents sent by entities in the role of a Transmission System Operator shall be considered as received and correct, and the acknowledgement process is not required unless an acknowledgment document is required for a specific purpose.

Otherwise, upon reception, checks are to be carried out at the application level to assess that the received document can be correctly processed by the application. The issuer is informed that:

- Its document, that is stated as valid after this verification, is ready to be processed by the reception of an acknowledgement document accepting the complete document in question;

- Its document is rejected for processing by the reception of an acknowledgement document rejecting the complete document in question with details on the level of errors.
3.5 Information model requirements

The following information requirements have been identified as the essential business information that needs to be catered for in the relevant information exchanges. They are outlined in the paragraphs below.

3.5.1 Nomination information flow

The nomination information flow is broken down into the following classes of information:

1. The Header that provides all the information concerning the identification of the nomination including the gas day.
2. The Connection Point that identifies the connection point identification. Multiple connection points are permitted per nomination request.
3. The Nomination Type indicating whether the nomination for the connection point is single sided or double sided.
4. The Internal Account that identifies the account of the submitting Registered Network User that is managed by the Transmission System Operator receiving the nomination (Article 16.3 of BAL NC). There may be multiple internal accounts for a given connection point. An internal account must have the identification of the Transmission System Operator that provides the code.
5. The External Account that identifies the account of the counter part Registered Network User that is managed by the counter part System Operator (Article 16.4 of BAL NC). There may be many external accounts for a given internal account. An external account must have the identification of the Transmission System Operator that provides the code.

6. The Period that identifies the time period for which the information provided relates (Article 16.5 of BAL NC). A time period may only relate to a gas day in the case of standard nominations (Article 16.6 of BAL NC). The management of any other period is outside the scope of this specification. A time period may be expressed as a complete gas day or as a number of parts of the gas day (e.g. 24 hours).

7. The Direction that identifies whether the nomination provided is an input or an output to the area of the Transmission System Operator.

8. The Total Quantity being nominated.

*Note: for a given connection point the value of the internal account combined with the value of the external account shall only appear once.*

### 3.5.2 Interruption information flow

<table>
<thead>
<tr>
<th>DocumentHeader</th>
<th>ConnectionPoint</th>
<th>NominationType</th>
<th>InternalAccount</th>
<th>ExternalAccount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1..*</td>
<td>1..2</td>
<td>1..*</td>
<td>1..*</td>
<td>1..*</td>
</tr>
</tbody>
</table>

The optional interruption information flow is only provided if an interruption occurs against the Registered Network Users nomination. It is transmitted as soon as possible after the interruption is identified. It is only transmitted once in the nomination cycle. It can occur...
that it does not represent the final processed value that is submitted to a Matching Transmission System Operator.

The interruption information flow is broken down into the following classes of information:

1. The header that provides all the information concerning the identification of the interruption including the gas day.

2. The Connection Point that identifies the connection point identification. Multiple connection points are permitted per interruption.

3. The Nomination Type indicating whether the interruption for the connection point affects a single sided or double sided nomination.

4. The Internal Account that identifies the account of the submitting Registered Network User that is managed by the Transmission System Operator that has applied the interruption. There may be multiple internal accounts for a given connection point. An internal account must have the identification of the Transmission System Operator that provides the code.

5. The External Account that identifies the account of the counter part Registered Network User that is managed by the counter part Transmission System Operator. There may be many external accounts for a given internal account. An external account must have the identification of the Transmission System Operator that provides the code.

6. The Period that identifies the time period that has been specified in the nomination.

7. The Direction that identifies whether the nomination provided is an input or an output to the area of the Transmission System Operator.

8. The Quantity which reflects the value expressed in the nomination but reduced in compliance with the interruption.
3.5.3 **Forward nomination flow**

In the case of a single sided nomination, it is necessary that this information is forwarded to the Matching System Operator in order to enable the information to be processed locally. The information flow is broken down into the following classes of information:

1. The **Header** that provides all the information concerning the identification of the single sided nomination including the gas day.
2. The **Connection Point** that identifies the connection point identification. Multiple connection points are permitted per nomination request.
3. The **Internal Account** that identifies the account of the submitting Registered Network User that is managed by the forwarding Transmission System Operator. There may be multiple internal accounts for a given connection point. An internal account must have the identification of the Transmission System Operator that provides the code.
4. The **External Account** that identifies the account of the counter part Registered Network User that is managed by the counter part System Operator. There may be many external accounts for a given internal account. An external account must have the identification of the Transmission System Operator that provides the code.
5. The Period that identifies the time period for which the information provided relates. A time period may only relate to a gas day in the case of standard nominations. The management of any other period is outside the scope of this specification. A time period may be expressed as a complete gas day or as a number of parts of the gas day (e.g. 24 hours).

6. The Direction that identifies whether the nomination provided is an input or an output to the area of the Transmission System Operator forwarding the nomination.

7. The Total nominated Quantity being nominated.

3.5.4 Matching submission information flow

A matching information flow contains the processed values of nominations received by the Initiating Transmission System Operator. It may contain the quantity nominated by the Registered Network User.

The matching information flow is broken down into the following classes of information:

1. The Header that provides all the information concerning the identification of the matching flow including the gas day.
2. The Connection Point that identifies the connection point. Multiple connection points are permitted per matching information flow.

3. The Internal Account that identifies the account of the submitting Registered Network User that is managed by the Initiating Transmission System Operator. There may be multiple internal accounts for a given connection point. An internal account must have the identification of the Transmission System Operator that provides the code.

4. The External Account that identifies the account of the counter part Registered Network User that is managed by the Matching Transmission System Operator. There may be many external accounts for a given internal account. An external account must have the identification of the Transmission System Operator that provides the code.

5. The Period that identifies the time period as identified in the nomination flow.

6. The Direction that identifies whether the nomination provided is an input or an output to the area of the Initiating Transmission System Operator.

7. The Nominated Quantity represents the quantity nominated by the Registered Network User and may optionally be provided.

8. The Processed Quantity which represents the quantity as processed by the Initiating Transmission System Operator.
3.5.5 Matching results information flow

When the Matching Transmission System Operator terminates the matching process the matching results are transmitted to the Initiating Transmission System Operator.

The matching results information flow is broken down into the following classes of information:

1. The Header that provides all the information concerning the identification of the matching results flow including the gas day.
2. The Connection Point that identifies the connection point. Multiple connection points are permitted per matching results information flow.
3. The Internal Account that identifies the account of the submitting Registered Network User that is managed by the Matching Transmission System Operator. There may be multiple internal accounts for a given connection point. An internal account must have the identification of the Transmission System Operator that provides the code.
4. The External Account that identifies the account of the counter part Registered Network User that is managed by the Initiating Transmission System Operator. There may be many external accounts for a given internal account. An external account
must have the identification of the Transmission System Operator that provides the code.

5. The Period that identifies the time period as identified in the nomination flow.

6. The Direction that identifies whether the nomination provided is an input or an output to the area of the Matching Transmission System Operator.

7. The Confirmed Quantity for the nomination.

8. The Nominated Quantity that has been received by the Matching Transmission System Operator may optionally be provided.

9. The Processed Quantity that has been carried out by the Matching Transmission System Operator.

### 3.5.6 Registered Network User confirmation information flow

This information flow is provided by the Transmission System Operators to the Registered Network Users to confirm the quantities that will be taken into consideration in the Registered Network User nominations.
The nomination confirmation information flow is broken down into the following classes of information:

1. The Header that provides all the information concerning the identification of the nomination confirmation flow and relates it to the nomination including the gas day.

2. The Connection Point that identifies the connection point. Multiple connection points are permitted per nomination confirmation information flow.

3. The Nomination Type indicating whether the information concerns a single sided or double sided nomination.

4. The Internal Account that identifies the account of the Registered Network User to whom the confirmation is being sent that is managed by the Transmission System Operator transmitting the nomination confirmation. There may be multiple internal accounts for a given connection point. An internal account must have the identification of the Transmission System Operator that provides the code.

5. The External Account that identifies the account of the counter part Registered Network User that is managed by the counter part Transmission System Operator. There may be many external accounts for a given internal account. An external account must have the identification of the Transmission System Operator that provides the code.

6. The Period that identifies the time period as identified in the nomination flow.

7. The Direction that identifies whether the nomination provided is an input to the System Operator area or whether it is an output.

8. The Confirmed Quantity in relation to the quantity nominated. Each Transmission System Operator shall provide the confirmed nominations to its submitting Registered Network User. The Registered Network User that submitted single sided nominations may also inform the counter party of the results.

9. The Processed Quantities that have been calculated by both Transmission System Operators.

10. The Nominated Quantity that had been submitted by the counter party Registered Network User. This information is only provided if it has been provided by the relevant Transmission System Operator. If the Registered Network User had submitted a single sided nomination this information is not provided.
3.6 *Definitions of the attributes used in all the models*

Definitions originating from the CAM, Balancing and Interoperability Network Codes will be reviewed as soon as the document has been finalized.

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nomination request</td>
<td>refers to a set of nominations submitted by a Registered Network User.</td>
</tr>
<tr>
<td>Interconnection point (also termed Connection Point)</td>
<td>means a physical or virtual point connecting adjacent entry-exit systems or connecting an entry-exit system with an interconnector, in so far as these points are subject to booking procedures by network users (origin: CAM NC)</td>
</tr>
<tr>
<td>Period</td>
<td>Start time and end time of gas flow for which the document is submitted.. A period concerns one gas day (Article 16.5 of BAL NC).</td>
</tr>
<tr>
<td>Transmission System Operator</td>
<td>Also termed “TSO” and is defined in Article 2(4) of the Directive or the entity responsible for keeping the transmission network in balance in accordance with and to the extent defined under the applicable National Rules.</td>
</tr>
<tr>
<td>Processed quantity</td>
<td>Means the quantity of gas that the TSO is scheduling for flow, which takes into account the Network User's nomination (respectively re-nomination), contractual conditions and the capacity as defined under the relevant transport contract</td>
</tr>
<tr>
<td>Network User's Counterparty</td>
<td>means the Network User who delivers gas to or receives gas from a Network User at an Interconnection Point.</td>
</tr>
<tr>
<td>Gas Day</td>
<td>means the period from 5:00 to 5:00 UTC or, when daylight saving time is applied, from 4:00 to 4:00 UTC (Article 16.6 of BAL NC).</td>
</tr>
<tr>
<td>Internal Account</td>
<td>A Registered Network User account within the Transmission System Operators environment where the Registered Network User normally submits nominations (Article 16.3 of BAL NC).</td>
</tr>
<tr>
<td>External Account</td>
<td>A Registered Network User account of a Networks User’s counterparty within the counterparty Transmission System Operators environment (Article 16.4 of BAL NC).</td>
</tr>
<tr>
<td><strong>Direction</strong></td>
<td>The indication of whether a gas flow is an input or an output in respect to the Transmission System Operator area where the information is being submitted. In all messages exchanged between Transmission System Operators, each Transmission System Operator declares Input and Output in relation to their system (for instance: Input quantities sent from TSO1 to TSO2 will become Output quantities in the corresponding ICT system of TSO 2 and vice versa).</td>
</tr>
<tr>
<td><strong>Nomination Type</strong></td>
<td>An indication whether a nomination is single sided or double sided.</td>
</tr>
<tr>
<td><strong>Single sided nomination</strong></td>
<td>A nomination that is submitted by a Registered Network user on behalf of both involved parties to only one Transmission System Operator. A single sided nomination can be received by one or the other Transmission System Operators as bilaterally agreed by them. The receiver of the single sided nomination is independent from the initiating or matching role being played. If the Transmission System Operators agree then network users can decide themselves which Transmission System Operator will receive a single-sided nomination</td>
</tr>
<tr>
<td><strong>Double sided nomination</strong></td>
<td>A nomination that is submitted by both Registered Network Users to their respective Transmission System Operators.</td>
</tr>
<tr>
<td><strong>Initiating Transmission System Operator</strong></td>
<td>means the transmission system operator initiating the matching process by sending necessary data to the Matching Transmission System Operator.</td>
</tr>
<tr>
<td><strong>Matching Transmission System Operator</strong></td>
<td>means the Transmission System Operator performing the matching process and sending the result to the Initiating Transmission System Operator.</td>
</tr>
<tr>
<td><strong>Nominated quantity</strong></td>
<td>means a quantity of gas nominated by a network user for exchange on an interconnection point with a network user for a gas day D.</td>
</tr>
</tbody>
</table>
Confirmed quantity means the quantity of gas confirmed by a TSO to be scheduled or rescheduled to flow on Gas Day D. At an Interconnection Point, the Confirmed Quantity(-ies) will take into account Processed Quantity(-ies) and the matching process used for comparing and aligning the requested gas quantity to be transported by Network Users at both sides of an Interconnection Point.

### 3.7 Requirements per process

#### 3.7.1 Nomination process

**Figure 13: Nomination process information requirements**

Note 1: wherever the indication [0..*] appears against an attribute this signifies that the attribute in question is optional. For example, the attribute “InternalAccount [0..*]” is not used in the case of ultimate users. The indication [1..*] means that least one occurrence of the information must be present.

Note 2: The information outlined in the class diagram does not represent any structural constraints. It only represents the information requirements for a given information flow.

#### 3.7.2 Forward nomination process

**Figure 14: Forwarded nomination information requirements**
3.7.3 Interruption process

Figure 15: Interruption process information requirements

3.7.4 Matching process

Figure 16: Matching process information requirements

3.7.5 Matching Transmission System Operator confirmation process

Figure 17: TSO confirmation process information requirements
3.7.6 Registered Network User confirmation process

Figure 18: Registered Network User confirmation information requirements