

**Invitation to comment on the Interconnection Agreement between
Fluxys Belgium N.V. and Gasunie Transport Services B.V.
Brussels, January, 2017**

In accordance with Article 4 of the COMMISSION REGULATION (EU) 2015/703 of 30 April 2015 “Network Code on Interoperability and Data Exchange”, that describes the information obligations of the Transmission System Operators with regards to the conclusion or the amendment of an interconnection agreement, Grid Users are invited to comment on the proposed texts about the :

- Rules for the matching process
- Rules for the allocation of gas quantities
- Communication procedures in case of exceptional events

Grid Users may comment the proposed text between the 6th of January 2017 and the 6th of March 2017. The Transmission System Operators shall take the Grid Users’ comments into account when concluding or amending their interconnection agreement.

Two interconnection agreements between Fluxys Belgium N.V. and Gasunie Transport Services B.V. are laid down, intended to become effective from the 1st of April 2017.

First interconnection agreement

The first interconnection agreement is only applicable on the H-gas Interconnection Points.

Rules for the Matching Process

The Matching procedure is described in EXHIBIT J.

Rules for the Allocation of gas quantities

The Allocation procedure is described in EXHIBIT I.

Communication procedures in case of exceptional events

- Relevant Extract from EXHIBIT H Dispatching Procedure, Section 7:

Exceptional events restricting transmission capacity

In the event of an exceptional event, which restricts the transmission capacity, Parties will inform each other as soon as possible. Each Party will with all possible diligence and speed investigate the cause(s) of the deficiency and shall notify as soon as possible thereafter the nature of the failure and take those actions within its control that can be expected from a Reasonable and Prudent Operator to expeditiously remedy the cause and the resulting situation.

Parties will keep each other informed in writing by issuing a revised matching notice (see Matching Procedure, Exhibit J).

- Relevant Extract from EXHIBIT J Matching procedure, Section 4:

Article 4.1 Exceptional event

In case an exceptional event occurs and Parties are not able to apply the matching procedure, they will contact each other in the most appropriate way with a request for an immediate steering adjustment. The quantities to be allocated to the Shippers for such hour(s) will be defined in mutual agreement between Parties based on the allocation rules (as laid down in Exhibit I).

Second interconnection agreement

The second interconnection agreement is only applicable on the L-gas Interconnection Points, and is an interconnection agreement as established and published by ENTSOG ("*Interconnection Agreement Template INT0647*" of 16 December 2015);

1 Rules for flow control (*in accordance with Article 6 of INT NC*)

- 1.1. The Party operating the flow control equipment shall, in cooperation with the other transmission system operator(s), be responsible for steering the gas flow across the interconnection point.

2 Measurement principles for gas quantity and quality (*in accordance with Article 7 of INT NC*)

- 2.1. The measurement equipment shall be installed, operated and maintained by the transmission system operator in control of the measurement equipment.
- 2.2. Regarding the obligations set out in Article 7, paragraph 3, of the INT NC, EN1776 "Gas Supply. Natural Gas Measuring Stations. Functional Requirements" in the version applicable at the time shall apply.

3 Rules for the matching process (*in accordance with Article 8 of INT NC*)

- 3.1. The matching rule shall be the lesser rule¹.
- 3.2. The Party in control of the flow control equipment shall be the matching transmission system operator.
- 3.3. The Parties agree the following time schedule² in order to complete the matching process. The duration of each process is specified from the starting point of the nomination or re-nomination cycle:
 - (a) Calculating and sending of processed quantities of gas by the initiating transmission system operator: within 45 minutes.
 - (b) Calculating and sending of confirmed quantities of gas by the matching transmission system operator: within 90 minutes.
 - (c) Sending confirmed quantities of gas to network users and scheduling the gas flow across the interconnection point: within 2 hours.

4 Rules for the allocation of gas quantities (*in accordance with Article 9 of INT NC*)

- 4.1. The Parties agree to implement an operational balancing account as allocation rule for steering differences.
- 4.2. The transmission system operator in control of the measurement equipment shall recalculate the operational balancing account with validated quantities and communicate it to the other Party.

5 Communication procedures in case of exceptional events (*in accordance with Article 10 of INT NC*)

- 5.1. In pursue of a communication procedure which facilitates fast and simultaneous communication in cases of exceptional events, the Parties shall at least perform: an oral communication in English for information, followed by an electronic written confirmation.

¹ The application of the lesser rule may only be restricted in case the conditions of point 2.2.3.1 of Annex I of Regulation (EC) No 715/2009 are fulfilled and its application would prevent the offer of firm capacity from the congestion management procedures.

² These sequential steps shall be without prejudice to the rule for minimum interruption lead times referred to in Article 22 of Regulation (EU) No 984/2013 and paragraph 2 (d) of this Article

EXHIBIT J

Matching procedure

0. General description

The aim of this Exhibit J is to set Parties as neighbouring operators of a network FLX and GTS agree on the context of this Matching Procedure in order to facilitate the efficient and reliable operations and allocation at the Interconnection Point(s).

Part of this Exhibit J reiterates or paraphrases (complete) parts from this Agreement already stipulated in the main body of the Agreement or in another Exhibit. In case of any inconsistency of or conflict between such similar parts, the un-paraphrased parts elsewhere in this Agreement prevail.

1. Definitions

Capitalized terms have the meaning given to them in the main body of this Agreement unless explicitly stated otherwise in this Exhibit J. For the purposes of this Exhibit J, except where the context expressly provides otherwise, the following expressions shall have the meaning ascribed thereto:

- 1) DELORD:
means the DELivery ORDER document, used by the coordinating (initiating) System Operator to exchange Shipper nomination information as specified in the Message Implementation Guidelines governing the use of XML-format EDIG@S messages where the version is the official one as stated in EASEE-Gas CBP 2007-005/01;
- 2) DELRES:
means the DELivery RESponse document, sent by the matching System Operator to the initiating System Operator in reply to its DELivery ORDER document as specified in the Message Implementation Guidelines governing the use of XML-format EDIG@S messages where the version is the official one as stated in EASEE-Gas CBP 2007-005/01;

2. Indication of flow direction

For the purpose of indicating the intended direction of the nominated flow Parties will use a qualifier (Z02, Z03), conform the Message Implementation Guidelines governing the use of XML-format EDIG@S messages version 4.0 (or higher).

Use of the qualifier:

The qualifier Z02 will mean input quantity and the qualifier Z03 will mean output quantity. In practice this implies that:

- On the messages from GTS to FLX all Nominated quantities intended to flow from the GTS Facilities into the FLX Facilities shall be output;
- On the messages from GTS to FLX all Nominated quantities intended to flow from the FLX Facilities into the GTS Facilities shall be input;
- On the messages from FLX to GTS all Nominated quantities intended to flow from the FLX Facilities into the GTS Facilities shall be output;
- On the messages from FLX to GTS all Nominated quantities intended to flow from the GTS Facilities into the FLX Facilities shall be input;
- A zero quantity may have a Z02 or a Z03 qualifier.

3. General

Parties shall ensure that the agreements with their respective Shippers do not contradict with this Exhibit J (Matching Procedure) herein and that their Shippers accept the provisions stipulated herein.

- 1) As described in the General Edigas Messages Guidelines any reference to time shall be UTC+0. For the avoidance of doubt, in case of a change from wintertime to summertime or vice versa a Gas Day consists of 23 respectively 25 hours.
- 2) All messages exchanged, according to this Matching Procedure, shall use the unit kWh.
- 3) Any written information to be given under this Matching Procedure shall be transmitted using the document layouts and the reliable telecommunication means agreed between Parties. The transmission of the data necessary for the day-to-day operation shall be performed by means of the EDIG@S version where the version is the official one as stated in EASEE-Gas CBP 2007-005/01.
- 4) The (coded) name description of a Shipper may contain a prefix, consisting of a number of characters, for identification purposes. It is agreed between Parties which prefix will be exclusively used by a Party.

4. Matching Procedure

- 1) Matching shall be performed by Parties in order to check whether the Hourly Quantity nominated by a receiving Shipper and to be made available by a delivering Shipper at the Interconnection Point is equal to the Hourly Quantity nominated to be made available by such delivering Shipper and to be off taken by such receiving Shipper.
- 2) In case the Hourly Quantity nominated to be received is equal to the Hourly Quantity nominated to be made available, matching is performed and results in a Confirmed Quantity equal to the Hourly Quantity for the corresponding delivering – receiving pair of Shippers.
- 3) In case the Hourly Quantity nominated to be received, is different to the Hourly Quantity nominated to be made available, it is agreed between the Parties that the Confirmed Quantity for the corresponding delivering – receiving pair of Shippers will be equal to the minimum of the Hourly Quantity nominated to be received and the Hourly Quantity nominated to be made available (the lesser rule).
- 4) In case the receiving Shipper uses a (coded) name description for the delivering Shipper that does not correspond with the actual name description for the delivering Shipper, it is agreed between Parties that the Confirmed Quantity for the corresponding delivering - receiving pair of Shippers will be equal to zero or no more be included in the messages.
- 5) In case the delivering Shipper uses a (coded) name description for the receiving Shipper that does not correspond with the actual name description for the receiving Shipper, it is agreed between Parties that the Confirmed Quantity for the corresponding delivering - receiving pair of Shippers will be equal to zero or no more be included in the messages.

- 6) In case Shipper A nominates a Hourly Quantity to be received from Shipper B whilst Shipper B nominates a Hourly Quantity to be received from Shipper A, it is agreed between Parties that the Confirmed Quantity for the corresponding delivering - receiving pair of Shippers will be equal to zero
- 7) In case Shipper A nominates a Hourly Quantity to be delivered to Shipper B whilst Shipper B nominates a Hourly Quantity to be delivered to Shipper A, it is agreed between Parties that the Confirmed Quantity for the corresponding delivering - receiving pair of Shippers will be equal to zero
- 8) GTS shall send the DELORD. FLX shall send the DELRES and FLX/GTS shall adjust the physical flow accordingly.
- 9) If a constraint affecting a Shipper entitlement or a change in such a constraint is experienced by a Party, the relevant/responsible Party (in who's system the constraints occurred) shall issue a DELORD or a DELRES as the case may be. The other Party may respond by issuing a DELRES or a DELORD as the case may be. Such transport operator matched quantities shall be defined as the new Confirmed Quantities. Each Transmission system operator shall inform his or her respective relevant Shippers of such new Confirmed Quantities.

Article 4.1 Exceptional event

In case an exceptional event occurs and Parties are not able to apply the matching procedure, they will contact each other in the most appropriate way with a request for an immediate steering adjustment. The quantities to be allocated to the Shippers for such hour(s) will be defined in mutual agreement between Parties based on the allocation rules (as laid down in Exhibit I).

Article 4.2 Edig@s type DELORD

- 1) GTS shall send immediately after 14:00 hours LET but not later than 14:45 hours LET on each Day a DELORD to inform FLX about the Hourly Quantities called up on the following Day at the Interconnection Point.
- 2) The DELORD shall contain under the qualifier "Processed by SO" the Hourly Quantities called up at the Interconnection Point, split by delivering - receiving pair of Shippers which means that GTS will be able to transport these Hourly Quantities into or away from the Interconnection Point.
- 3) GTS shall send a revised DELORD as soon as possible at any time before or during the Day if a Hourly Quantity called up at the Interconnection Point is revised due to a Shipper renomination. This DELORD will be valid if it is sent at the latest 60 minutes before the Confirmed Quantities becomes effective.
- 4) GTS shall send a revised DELORD as soon as possible at any time before or during the Day if a constraint is affecting a Shipper entitlement or a change in such a constraint as a transport operator.
- 5) In case a revised DELRES from FLX does not comply with the latest DELORD or revised DELORD from GTS, GTS shall, if needed, send a revised DELORD.

Article 4.3 Edig@s type DELRES

- 1) As soon as possible after having received a DELORD from GTS and before 15.30 hours LET, FLX shall issue a DELRES to inform GTS about the Hourly Quantities confirmed to be made available at the Interconnection Point on the following Day.

- 2) The DELRES shall contain:
- under the qualifier "Confirmed" : the hourly Confirmed Quantities to be made available at the Interconnection Point, split by delivering - receiving pair of Shippers; and
 - under the qualifier "Processed by SO": the hourly processed quantities indicating the Nominated quantities from which *FLX* is able to transport into or away from the Interconnection Point, split by delivering - receiving pair of Shipper
- 3) *FLX* shall send a revised DELRES after having received a revised DELORD from GTS at any time before or during the Day in the following situations:
- a hourly Processed Quantity is revised or
 - a hourly Confirmed Quantity is revised
- This DELRES sent by *FLX* shall be valid if received by GTS at the latest 30 minutes before the new Confirmed Quantities become effective.
- 4) *FLX* shall send a revised DELRES as soon as possible after having experienced a constraint affecting a Shipper entitlement or a change in such a constraint as a Transmission system operator.

Article 4.4 Single Sided Nominations

Single sided nominations according to the EASEE-gas Common Business Practice 2014-001/01 Harmonisation of the Nomination and Matching Process for Double-Sided and Single-Sided Nominations is implemented in the matching process between *FLX* and GTS. GTS being the active system operator shall forward received single-sided nominations immediately after h0 (Shipper deadline) but not later than h0+15min. The information towards *FLX* should be sent by a single-sided exchange notice (DELORD subtype = ANC). The forwarding of single-sided nominations will be operated on basis of hourly directional quantities.

Fluxys Belgium N.V. Dispatching**Telephone numbers:**

24/7 Operations +32 2 282 7004 (nominations)

24/7 Operations +32 2 282 7003 (technical)

Fax number:

24/7 Operations fax +32 2 282 7006

Address:

Fluxys Belgium N.V.

Kunstlaan 31

B-1040 Brussel

E-mail: dispatching@fluxys.com**CCP (GTS)****Telephone number:**

24/7 Operations +31 (0) 50 521 1510/40

Fax number:

24/7 Operations +31 (0) 50 521 1575

Address:

Gasunie Transport Services

P. O. Box 181,

9700 AD Groningen, the Netherlands

E-mail: ccpcontractdispatching@gastransport.nl

EXHIBIT I

Allocation agreement

0. General description

To allocate is the process whereby Shippers and TSO's, having transmitted their flow requests for a particular IP through a nomination tool, get attributed a quantity at that IP according to the allocation rule in place.

The intended flow is defined as the sum of the confirmed quantities which result in the intended flow direction. For the purpose of this document, the intended flow and the physical flow are considered to have the same direction.

Part of this Exhibit I reiterates or paraphrases (complete) parts from this Agreement already stipulated in the main body of the Agreement or in another Exhibit. In case of any inconsistency of or conflict between such similar parts, the un-paraphrased parts elsewhere in this Agreement prevail.

1. Definitions

Capitalized terms have the meaning given to them in the main body of this Agreement unless explicitly stated otherwise in this Exhibit I.

"Transmission System Operator" or "TSO" shall mean the party operating the Transmission System.

2. Allocation Method(s) at the Interconnection Point(s)

The allocation of the FLX shippers and the GTS shippers shall for each and every hour be performed by using the matched nominated hourly quantities (= confirmations) and the hourly metered quantities.

Explanation of the letters used in the formulas:

- A. Hourly confirmation of the concerned individual GTS/FLX shipper (for both opposite and same direction of the physical flow).
- B. Sum of the confirmations in the direction of the physical flow of all GTS/FLX shippers.
- C. Physical flow/metered quantity.
- D. Sum of the confirmations of all GTS/FLX shippers in the direction opposite to the physical flow (with an opposite sign).
- E. Quantity allocated to the balancing shipper(s) or to the OBA.
- F. Hourly confirmation between operators in order to correct the OBA.

(Pay attention to the correct sign of the values in the formulas!)

2.1 In all cases the allocation of a nomination in the direction opposite to the physical flow of each individual GTS/FLX shipper shall be performed by using the confirmation.

Allocation _opposite _of _physical _flow _direction = A = confirmation(= deemed)

2.2 In case a Shipper Balancing Agreement (SBA) is active: a positive or negative difference between the metered quantity and the sum of the confirmations of GTS/FLX shippers will be allocated to the balancing shipper. The allocation of the nominations of the

To the Interconnection Agreement on H-GAS interconnection points between Fluxys Belgium N.V. (FLX) and Gasunie Transport Services B.V. (GTS)

other GTS/FLX shippers in the same direction as the physical flow shall be performed by using the confirmation.

Allocation _balancing _shipper _of _physical _flow = E = A + (C - D - B)

Allocation _direction _of _physical _flow _direction = A = confirmation

Remark : When at the GTS-side, the direction of the total allocated quantity of the balancing shipper (by application of the above mentioned formulas) is opposite to the capacity booked by this balancing shipper, coordination will be necessary at the end of the month to achieve consistent allocations. (cfr. 2.6)

2.3 In case of a proportional allocation, the allocation of a nomination in the direction of the physical flow of each individual GTS/FLX shipper shall be :

*Allocation _direction _of _physical _flow = $\frac{A}{B} * (C - D)$*

2.4 In case an Operational Balancing Agreement (OBA) is active between GTS and FLX the allocation of each individual GTS/FLX shipper shall for each and every hour be equal to the confirmation of this shipper.

Allocation _oppositeandsamedirection _of _physical _flow = A = confirmation(= deemed)
Allocation _OBA = E = F + (C - D - B)

2.5 Fallback allocation methods are defined in Appendix A.

2.6 FLX and GTS shall on a monthly basis coordinate the allocated quantities per pair of shippers and the quantity allocated to the Operational Balancing Account. Such coordination shall take place between the 1st and the 8th working day after closing the month. If any differences or anomalies (e.g. direction physical flow ≠ direction intended flow) are detected, FLX and GTS shall contact each other in order to achieve consistent hourly allocated quantities for the GTS/FLX shipper and for the OBA.

In case of dispute on the data to be used for the Allocation Procedure, Parties will meet in order to achieve a practical and workable solution.

3. Allocation Method type per Interconnection Point

Appendix A of the "Allocation Agreement" to the Interconnection Agreement between Fluxys Belgium N.V./S.A. and Gasunie Transport Services B.V. will describe:

1. the date of start of validity of this Appendix,
2. per Interconnection Point or group of Interconnection Points and per Party:
 - a. the standard flow direction through the IP

To the Interconnection Agreement on H-GAS interconnection points between Fluxys Belgium N.V. (FLX) and Gasunie Transport Services B.V. (GTS)

- b. the standard gas quality delivered through the IP
- c. the TSO operating the Fiscal Metering Station
- d. the limits of the OBA (as defined in the Dispatching Procedure)
- e. the applied matching procedure
- f. the Standard Allocation Procedure
- g. the Fallback Allocation Procedure which should be applied in case the Standard Allocation Procedure is no longer applied

4. Appendices

- Appendix A of the Allocation Agreement

Factuals of the IP :

<u>Interconnection Points</u>	<u>Zelzate</u>	<u>Zandvliet H</u>	<u>'s Gravenvoeren</u>
Standard physical flow direction	Bi-directional	GTS to FLX	GTS to FLX
Standard Quality Label	High-cal	High-cal	High-cal
Fiscal Metering by	FLX	FLX	GTS
Matching Procedure	Full	Full	Full
Standard Allocation Procedure	OBA	OBA	OBA
Limits for the OBA	As agreed in the Dispatching Procedure	As agreed in the Dispatching Procedure	As agreed in the Dispatching Procedure
Fall-Back allocation Procedure (in case standard allocation procedure not active)	GTS + FLX : Deemed (§2.1) + Prop. (§2.3)	GTS + FLX : Deemed (§2.1) + Prop. (§2.3)	GTS + FLX : Deemed (§2.1) + Prop. (§2.3)