



Invitation to comment on the Interconnection Agreement between Fluxys Belgium N.V. and Gasunie Transport Services B.V. Brussels, March 2020

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 30th of March 2020 and the 3rd of May 2020. The Transmission System Operators shall take the Grid Users’ comments into account when amending their interconnection agreement.

An update of the existing interconnection agreement for H-gas Interconnection Points between Fluxys Belgium N.V. and Gasunie Transport Services B.V. is laid down, intended to become effective with the introduction of a Virtual Interconnection Point (VIP), named VIP-BENE, between ZTP-H and TTF. This VIP will combine the interconnection points Zelzate 1, Zandvliet H and ‘s Gravenvoeren and all market activities, such as capacity booking, nominations, allocations or invoicing, will be operated on the VIP. For avoidance of doubt, Hilvarenbeek L and Zelzate 2 are not part of this VIP.

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

Unchanged.

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) and the Virtual Interconnection Point. 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 Network User 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 Network Users do not contradict with this Exhibit J (Matching Procedure) herein and that their Network Users 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 Network User 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 Virtual Interconnection Point

- 1) Matching shall be performed by Parties in order to check whether the Hourly Quantity nominated by a receiving Network User and to be made available by a delivering Network User at the Virtual Interconnection Point is equal to the Hourly Quantity nominated to be made available by such delivering Network User and to be off taken by such receiving Network User.
- 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 Network Users.
- 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 Network Users 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 Network User uses a (coded) name description for the delivering Network User that does not correspond with the actual name description for the delivering Network User, it is agreed between Parties that the Confirmed Quantity for the corresponding delivering - receiving pair of Network Users will be equal to zero or no more be included in the messages.
- 5) In case the delivering Network User uses a (coded) name description for the receiving Network User that does not correspond with the actual name description for the receiving Network User, it is agreed between Parties that the Confirmed Quantity for the corresponding delivering - receiving pair of Network Users will be equal to zero or no more be included in the messages.

- 6) In case Network User A nominates a Hourly Quantity to be received from Network User B whilst Network User B nominates a Hourly Quantity to be received from Network User A, it is agreed between Parties that the Confirmed Quantity for the corresponding delivering - receiving pair of Network Users will be equal to zero
- 7) In case Network User A nominates a Hourly Quantity to be delivered to Network User B whilst Network User B nominates a Hourly Quantity to be delivered to Network User A, it is agreed between Parties that the Confirmed Quantity for the corresponding delivering - receiving pair of Network Users 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 Network User 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 Network Users 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 Network Users 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 Virtual Interconnection Point.
- 2) The DELORD shall contain under the qualifier "Processed by SO" the Hourly Quantities called up at the Virtual Interconnection Point, split by delivering - receiving pair of Network Users which means that GTS will be able to transport these Hourly Quantities into or away from the Virtual 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 Virtual Interconnection Point is revised due to a Network User 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 Network User 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 Virtual 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 Virtual Interconnection Point, split by delivering - receiving pair of Network Users; 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 Virtual Interconnection Point, split by delivering - receiving pair of Network User
- 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:
 - an hourly Processed Quantity is revised or
 - an hourly Confirmed Quantity is revisedThis 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 Network User 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 (Network User 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.

5. Set point exchange for Gas Flow per Interconnection Point

1. Parties agree that for the exchange of the set points for the Gas Flow on the individual Interconnection Points being part of the Virtual Interconnection Point, flow repartition messages will be exchanged. For these flow repartition messages, DELORD and DELRES messages will be used on the different IP's being part of the VIP by respectively GTS and *FLX*. Parties also agreed that these flow repartition messages of the individual Interconnection Points shall always be exchanged simultaneous (all IP's) in order to facilitate a check between the sum of the quantities in the flow repartition messages and the Confirmed Quantities on the Virtual Interconnection Point.
2. GTS shall send on each Day the flow repartition messages (by means of a DELORD) for the following Gas Day (Day ahead) for each individual Interconnection Point, immediately after receipt of the DELRES from *FLX* for the Virtual Interconnection Point.
3. At least once per hour *FLX* shall send on each Day the flow repartition messages (by means of a DELRES message) for the following Gas Day (Day ahead) for each individual Interconnection Point, immediately after the receipt of the flow repartition messages (by means of a DELORD message) from GTS for an Interconnection Point.
4. GTS shall send a revision of the flow repartition messages (DELORD) as soon as possible at any time before or during the Day if the Repartition Mechanism leads to a revision of the Gas Flow set points on the Interconnection Point(s) or if dispatchers of both Parties have agreed on (a revision of) an adjustment. These flow repartition messages (DELORD) shall be valid if received by *FLX* at the latest 25 minutes before the Confirmed Quantities become effective.



5. FLX shall send within the hour a revision of the flow repartition messages (DELRES) in the following situations:

- an hourly Confirmed Quantity is revised
- dispatchers of both Parties have agreed on (a revision of) an adjustment
- after received revision of the flow repartition messages (DELORD) from GTS

These flow repartition messages (DELRES) shall be valid if received by GTS at the latest 15 minutes before the Confirmed Quantities become effective.

6. In case the sum of the hourly quantities in the flow repartition messages (DELORD) of GTS is different than the sum of the hourly quantities in the flow repartition messages (DELRES) of FLX, it is agreed between Parties that the hourly quantities in the flow repartition messages of FLX will be used by Parties (FLX prevail).

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 Network Users and TSO's, having transmitted their flow requests for a particular Interconnection Point or Virtual Interconnection Point through a nomination tool, get attributed a quantity at that Interconnection Point or Virtual Interconnection Point 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) and Virtual Interconnection Point

The allocation of the FLX Network Users and the GTS Network Users 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 Network User (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 Network Users.
- C. Physical flow/metered quantity.
- D. Sum of the confirmations of all GTS/FLX Network Users in the direction opposite to the physical flow (with an opposite sign).
- E. Quantity allocated to the balancing Network User(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 Network User 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 Network Users will be allocated to the balancing Network User. The allocation of the nominations of the other GTS/FLX Network Users in the same direction as the physical flow shall be performed by using the confirmation.

$$\text{Allocation}_{balancing_shipper_of_physical_flow} = E = A + (C - D - B)$$

$$\text{Allocation}_{direction_of_physical_flow_direction} = A = \text{confirmation}$$

Remark : When at the GTS-side, the direction of the total allocated quantity of the balancing Network User (by application of the above mentioned formulas) is opposite to the capacity booked by this balancing Network User, 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 Network User shall be :

$$\text{Allocation}_{direction_of_physical_flow} = \frac{A}{B} * (C - D)$$

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

$$\text{Allocation}_{oppositeandsamedirection_of_physical_flow} = A = \text{confirmation}(= \text{deemed})$$

$$\text{Allocation}_{OBA} = E = F + (C - D - B)$$

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 Network Users 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 \neq direction intended flow) are detected, FLX and GTS shall contact each other in order to achieve consistent hourly allocated quantities for the GTS/FLX Network User 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 Virtual Interconnection Point and Interconnection Points

Appendix A of this Exhibit I "Allocation Agreement" to the Interconnection Agreement between Fluxys Belgium N.V. and Gasunie Transport Services B.V. will describe per Interconnection Point or Virtual Interconnection Point and per Party:

- a. the standard flow direction through the IP or the VIP
- b. the standard gas quality delivered through the IP or the VIP
- c. the TSO operating the Measuring Station
- d. the limits of the OBA (as defined in the Exhibit L)
- 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 this Exhibit I "Allocation Agreement"

Factuals of the IPs and the VIP:

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