entsog
european network
of transmission system operators
for gas

INTEROPERABILITY AND DATA EXCHANGE RULES NETWORK CODE

ANNEX 2

Detailed assessment of Interconnection Agreements' compliance with INT NC (Second list of IPs for 2020)

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1 INTRODUCTION

1.1 LIST OF IPs FOR ANALYSIS OF THE DETAILED EVIDENCE OF IAs' COMPLIANCE WITH INT NC, ANNEX 2, 2020

According to the agreement with ACER in 2019 on documenting a detailed evidence of compliance of Interconnection Point Agreements (IAs) with Interoperability Network Code (INT NC), the total number of Interconnection Points (IPs) was split for a partial execution for 4 years. Here below is the second list of 14 IPs that had been selected by ACER for the 2020 assessment and agreed with ENTSOG to document detailed evidence from IAs.

For collection of a new progress update on the implementation of INT NC by Transmission System Operators (TSOs), ENTSOG continued to use the questionnaire from 2017. TSOs provided comprehensive information of IAs compliance with INT NC and clarifying comments aiming to satisfy the level of details requested by ACER. The general conclusions from the data analysis described in the Implementation Monitoring Report (IMR) 2019 produced last year are fully relevant to the second list of 14 IPs analysed in the Annex 2. The analysis confirms that during the last three years since the second IMR-2017, the adjacent TSOs have done significant work on improving cooperation for documenting in IAs their new steps of reaching consensus on the main terms and conditions envisaged in INT NC.

For a better overview of the IPs' status of compliance with INT NC's Articles and paragraphs, a table of TSOs' answers is presented in colour. The evidence data is presented separately for each analysed IP. To make the information compact and coherent, abbreviations and words in English were applied to replace some recurring phrases in TSOs' answers and words from IAs' written in other European languages (see the legend for clarification).

The evidence gathered confirms TSOs' continuous work and positive results in making INT NC requirements as the recognised standard rules of IPs operation. With only few minor procedures that are still in progress for newly established IPs, all analysed IPs are operated in accordance with INT NC.

All reviewed IPs are using the Lesser Rule for matching the nomination.

Table 1: The list of IPs for a review in 2020

Annex 1	Countries	Interconnection Points (IP)	Comments
Part 1	**LT–LV**	Kiemenai	
	FI–EE	Balticconnector	
	BE–NL	Hilvarenbeek L Physical	
	BE–NL	VIP HILVARENBEEK	This VIP merged with IP Hilvarenbeek L Physical
	FR–BE	Blaregnies (BE)/Taisnières (L) (FR) Physical	
	FR–BE	VIP VIRTUALYS_Blaregnies H (BE)/Taisnières H (FR)	
	BE–NL	VIP BENE	
	BE–NL	's-Gravenvoeren Dilsen (BE)/Obbicht (NL)	This IP is part of VIP BENE
	BE–NL	Zandvliet H-gas	This IP is part of VIP BENE
	BE–NL	Zelzate 1 (BE)/Zelzate (NL)	This IP is part of VIP BENE
	SI–HR	Rogatec	
	IT–SI	Gorizia (IT)/Šempeter (SI)	
	BG–RO	Ruse (BG) – Giurgiu (RO)	
	ES–FR	VIP PIRINEOS	

1.2 THE LATEST CHANGES THAT HAPPENED IN 2020

- The IP Keimenai was a subject to Article 1 (3) (a regulation derogation on the basis of Article 49 of Directive 2009/73/EC) until 2020. Starting from 1 January 2020, the IP became eligible for compliance with the requirements of INT NC. TSOs operating IP Kiemenai (LT–LV) have reported "work in progress" on the alignment of its IA with INT NC. The IP was first time included in the Implementation Monitoring Report in 2019.
- A new IP Balticconnector is added to the Implementation Monitoring Report 2020 in the Annex 2. Previously the IP was granted a derogation period for implementing the requirements of INT NC. It has entered into commercial use since the start of 2020.
- The Virtual IP HILVARENBEEK (BE)/(NL) (21Z000000000067N) and the Hilvarenbeek L Physical (21Z0000000000243T) merged on 01/10/2016. IA covers 21Z0000000001062 +21Z000000000019Y+21Z000000000169F +21Z0000000000243T.
- A Virtual Interconnection Point (VIP), VIP-BENE launched on 01 April 2020 combined the interconnection points Zelzate 1, Zandvliet H and 's Gravenvoeren. An update of the existing interconnection agreement for H-gas Interconnection Points between Fluxys Belgium N.V. and Gasunie Transport Services B.V. was laid down and became effective with the introduction of the VIP-BENE, between ZTP-H and TTF. Fluxys Belgium confirmed the integration of the IP Zelzate 2 into the VIP BENE on January 1st, 2021. For voidance of doubt, Hivarenbeek L Physical is not part of the VIP BENE.
- For IP Ruse (BG) – Giurgiu (RO) a new Amendment 3 is signed on 11.12.2020 (on the gas quality specifications). It was initiated by Romanian TSO based on a decision of the Romanian NRA to set wider methane gas quality limits. Transgaz negotiated with Bulgartransgaz amendments concerning gas quality for IAs of Negru Voda 1 and Ruse/Giurgiu.

1.3 LEGEND

Abbreviations/words applied

Abbreviations/words applied	Original words/phrases
Agr.	Agreement
Amend.	Amendment
Appendix	Anhang (DE)
Ch.	Chapter
Chapter	Kapitel (DE)
EIC	Energy Identification Code
Exh.	Exhibit
FCEO	Flow Control Equipment Operator
IA	Interconnection Point Agreement
IA	Netzkopplungsvertrag (NKV) (DE)
IP	Interconnection Point
OBA	Operational Balancing Account
OM	Operating Manual
OM	Betriebshandbuch (DE)
VIP	Virtual Interconnection Point

Answers

Answers	Description
NA	Not applicable
No	No
PR	In progress
Yes	Yes
Yes, PR	Yes, in progress (adjacent TSOs reported slightly different levels of progress in implementation of some requirements)

2 ANSWERS

IP NAME/LOCATION		Kiemenai	BALTIC-CONNECTOR	Hilvarenbeek L (BE) / (NL) Physical	Blaregnies (BE) / Taisnières (L) (FR) Physical	VIRTUALYS_ Blaregnies H (BE) / Taisnières H (FR)	VIP BENE	Rogatec	Gorizia (IT) / Šempeter (SI)	Ruse (BG) – Giurgiu (RO)	VIP PIRINEOS
EIC or identifier for IP		21Z0000000000153U	21Z0000000004952	21Z000000000243T	21Z000000000011D	21Z0000000004847	21Z000000000503T	21Z000000000128T	21Z000000000044Z	21Z0000000002798	21Z000000000285D
TSO		Ambergrid / Conexus	Gasgrid Finland / Elering	Fluxys BE / Gas Transport Services	GRTgaz / Fluxys BE	GRTgaz / Fluxys BE	Fluxys BE / as Transport Services	Plinovodi / Plinarco	Snam Rete Gas / Plinovodi	Bulgartransgaz / Transgaz	Enagás / Teréga
EIC or identifier for TSO		21X0000000001308D 21X000000001379R	21X0000000001393X 10X1001A1001A39W	21X-BE-A-A0A0A-Y 21X-NL-A-A0A0A-Z	21X-FR-A-A0A0A-S 21X-BE-A-A0A0A-Y	21X-FR-A-A0A0A-S 21X-BE-A-A0A0A-Y	21X-BE-A-A0A0A-Y 21X-NL-A-A0A0A-Z	21X-SI-A-A0A0A-8 21X-HR-A-A0A0A-4	21X-IT-A-A0A0A-7 1X-SI-A-A0A0A-8	21X-BG-A-A0A0A-C 21X-RO-A-A0A0A-S	21X-ES-A-A0A0A-T 21X-FR-B-A0A0A-J
Country		LT / LV	FI / EE	BE / NL	FR / BE	FR / BE	BE / NL	SI / HR	IT / SI	BG / RO	ES / FR
Question		**Answer**	**Answer**	**Answer**	**Answer**	**Answer**	**Answer**	**Answer**	**Answer**	**Answer**	**Answer**
2.1	Please add any missing or strike-through any superfluous IPs or indicate any other amendments and justify the changes.										
3	Is there a signed IA in place?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	When were IA mandatory terms amended or replaced the last time?	Yes			Yes			Yes	Yes	Yes	
3	Do provisions of interconnection agreement cover at least the terms and conditions defined in articles 6 – 12 INT NC?	PR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4.1	Have you identified information contained in IA that directly affects NUs and informed them?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4.2	Since application date of INT NC and before concluding or amending an interconnection agreement, have you invited network users to comment on the proposed text for matching, allocation and communication of exceptional events?	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	Yes	Yes
6.1.a	Rules to facilitate a controllable, accurate, predictable and efficient gas flow.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
6.1.b	Rules for steering the gas flow across the interconnection point and for minimising the deviations from the flow pursuant to the matching process.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
6.1.c	Designation of TSO responsible for steering	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
6.2.	The quantity and direction of the gas flow is decided on an hourly basis by the adjacent TSOs.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
6.3.a	Matching rule	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
6.3.b	Allocation rule	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
6.3.c	Flow control arrengements	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
6.3.d	Gas Quality including any arrangement pursuant to Article 15	Yes	Yes	Yes	Yes	Yes	Yes	NA	Yes	Yes	Yes
6.3.d	Odourisation including any arrangement pursuant to Article 19	NA	NA	NA	Yes	Yes	NA	NA	Yes	Yes	Yes
6.4.a	Safety legislation	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA
6.4.b	Emergency plans	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA
6.4.b	Preventive action plans	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NA
6.4.c	Exceptional events	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7.1.a	details of the measurement standards applicable established?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7.1.b	Designation of the TSO responsible for Installation, Operation & Maintenance?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7.3.a	Description of the station and its equipment.	PR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

IP NAME/LOCATION		Kiemenai	BALTIC-CONNECTOR	Hilvarenbeek L (BE) / (NL) Physical	Blaregnies (BE) / Taisnières (L) (FR) Physical	VIRTUALYS_ Blaregnies H (BE) / Taisnières H (FR)	VIP BENE	Rogatec	Gorizia (IT) / Šempeter (SI)	Ruse (BG) – Giurgiu (RO)	VIP PIRINEOS
EIC or identifier for IP		21Z0000000000153U	21Z0000000004952	21Z000000000243T	21Z000000000011D	21Z0000000004847	21Z0000000000503T	21Z000000000128T	21Z000000000044Z	21Z0000000002798	21Z000000000285D
TSO		Ambergrid / Conexus	Gasgrid Finland / Elering	Fluxys BE / Gas Transport Services	GRTgaz / Fluxys BE	GRTgaz / Fluxys BE	Fluxys BE / as Transport Services	Plinovodi / Plinarco	Snam Rete Gas / Plinovodi	Bulgartransgaz / Transgaz	Enagás / Teréga
EIC or identifier for TSO		21X000000001308D 21X000000001379R	21X0000000001393X 10X1001A1001A39W	21X-BE-A-A0A0A-Y 21X-NL-A-A0A0A-Z	21X-FR-A-A0A0A-S 21X-BE-A-A0A0A-Y	21X-FR-A-A0A0A-S 21X-BE-A-A0A0A-Y	21X-BE-A-A0A0A-Y 21X-NL-A-A0A0A-Z	21X-SI-A-A0A0A-8 21X-HR-A-A0A0A-4	21X-IT-A-A0A0A-7 1X-SI-A-A0A0A-8	21X-BG-A-A0A0A-C 21X-RO-A-A0A0A-S	21X-ES-A-A0A0A-T 21X-FR-B-A0A0A-J
Country		LT / LV	FI / EE	BE / NL	FR / BE	FR / BE	BE / NL	SI / HR	IT / SI	BG / RO	ES / FR
Question		**Answer**	**Answer**	**Answer**	**Answer**	**Answer**	**Answer**	**Answer**	**Answer**	**Answer**	**Answer**
7.3.b	Parameters and details: units, range, uncertainty and frequency of measurement.	PR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7.3.c	Calculations procedures.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7.3.d	Maximum permissible error in energy.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7.3.e	Data validation	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7.3.f	Verification and adjustment	PR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7.3.g	Data provision content and frequency	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7.3.h	List of signal and alarms	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7.3.i	Corrections to measurements	PR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7.3.j	Equipment failure management	PR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7.3.k	Rules for facility access, additional verification, modification and attendance during calibration.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
8.1.a	Have rules detailing the matching process been established, taking into account the daily-hourly nomination arrangements where relevant?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
8.1.b	Have rules detailing communication and processing of data been established?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
8.2; 8.5.a	What is matching rule in place?	Lesser rule	Lesser rule	Lesser rule	Lesser rule	Lesser rule	Lesser rule	Lesser rule	Lesser rule	Lesser rule	Lesser rule
	What is matching rule in place? Description of the „other“ rule										
8.2.b	What is matching rule in place?In case „Other Rule“ than the „Lesser Rule“ is applied, have been network users invited to comment on it?										
8.2.c; 8.5.b	Which is the TSO responsible for the matching process?	Other	Other	FCEO	Other	Other	Other	FCEO	FCEO	FCEO	Other
8.2.d.	Has a time schedule taking no longer than two hours been defined?	As in 8.5.c	As in 8.5.c	As in 8.5.c	As in 8.5.c	As in 8.5.c	As in 8.5.c	As in 8.5.c	As in 8.5.c	As in 8.5.c	As in 8.5.c
8.4	Are data exchange use and the harmonised information specified?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
9.2	What is the allocation rule in place?	OBA	OBA	OBA	OBA	OBA	OBA	OBA	OBA	OBA	OBA
9.2	If the rule is OBA, is it recalculated by the TSO in control of the measurement equipment?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
9.3.a	Where the OBA applies, are the allocations equal to the confirmed quantities?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
9.3.b	Is the OBA maintained as close to 0 as possible?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
9.4	Do the OBA limits take into account specific characteristics of each IP and/or the interconnected transmission networks, in particular: physical characteristics, linepack capability of each transmission system, total technical capacity, gas flow dyna	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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EIC or identifier for IP		21Z000000000153U	21Z0000000004952	21Z000000000243T	21Z000000000011D	21Z0000000004847	21Z000000000503T	21Z000000000128T	21Z000000000044Z	21Z0000000002798	21Z000000000285D
TSO		Ambergrid / Conexus	Gasgrid Finland / Elering	Fluxys BE / Gas Transport Services	GRTgaz / Fluxys BE	GRTgaz / Fluxys BE	Fluxys BE / as Transport Services	Plinovodi / Plinarco	Snam Rete Gas / Plinovodi	Bulgartransgaz / Transgaz	Enagás / Teréga
EIC or identifier for TSO		21X000000001308D 21X000000001379R	21X0000000001393X 10X1001A1001A39W	21X-BE-A-A0A0A-Y 21X-NL-A-A0A0A-Z	21X-FR-A-A0A0A-S 21X-BE-A-A0A0A-Y	21X-FR-A-A0A0A-S 21X-BE-A-A0A0A-Y	21X-BE-A-A0A0A-Y 21X-NL-A-A0A0A-Z	21X-SI-A-A0A0A-8 21X-HR-A-A0A0A-4	21X-IT-A-A0A0A-7 1X-SI-A-A0A0A-8	21X-BG-A-A0A0A-C 21X-RO-A-A0A0A-S	21X-ES-A-A0A0A-T 21X-FR-B-A0A0A-J
Country		LT / LV	FI / EE	BE / NL	FR / BE	FR / BE	BE / NL	SI / HR	IT / SI	BG / RO	ES / FR
Question		**Answer**	**Answer**	**Answer**	**Answer**	**Answer**	**Answer**	**Answer**	**Answer**	**Answer**	**Answer**
9.4	If the rule is not OBA, what is it?								Pro-rata	Pro-rata	
10	In case of „exceptional event“ is there a procedure to inform adjacent TSOs and potentially affected network users?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
11.1.a	Does the dispute settlement mechanism specify the applicable law?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
11.1.b	Does the dispute settlement mechanism specify the court of jurisdiction or the terms and conditions of appointment of experts?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
12	Have you established a transparent and detailed amendment process?	Yes	PR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
13	Is the set of units and referenced conditions defined used for every data exchange and publication?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
14	Has an additional set of units been defined?	No	No	No	No	No	No	No	Yes	Yes	No
15	Is there any cross-border trade restriction due to gas quality that cannot be avoided by the standard operations of the TSOs and that has been recognised by NRAs?	No	No	No	No	No	No	No	No	No	No
16	Are WI and GCV published on your website for each IP that acts as an entry point and once per hour?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
19	Is there any cross-border trade restriction due to differences in odourisation practices that cannot be avoided by the concerned TSOs and that has been recognised by NRAs?	No	No	No	No	No	No	No	No	No	No

Picture courtesy of Gas Connect Austria

3 EVIDENCE

3.1 EVIDENCE OF COMPLIANCE – PART 1

IP NAME/LOCATION		Kiemenai	BALTICCONNECTOR	Hilvarenbeek L (BE)/(NL) Physical	Blaregnies (BE)/ Taisnières (L) (FR) Physical	VIRTUALYS_Blaregnies H (BE)/Taisnières H (FR)
EIC or identifier for IP		21Z000000000153U	21Z0000000004952	21Z000000000243T	21Z000000000011D	21Z0000000004847
TSO		Ambergrid/Conexus	Gasgrid Finland/Elering	Fluxys Belgium/Gasunie Transport Services	GRTgaz/Fluxys Belgium	Fluxys Belgium/GRTgaz
EIC or identifier for TSO		21X000000001308D/21X000000001379R	21X000000001393X/10X1001A1001A39W	21X-BE-A-A0A0A-Y/21X-NL-A-A0A0A-Z	21X-FR-A-A0A0A-S/21X-BE-A-A0A0A-Y	21X-BE-A-A0A0A-Y/21X-FR-A-A0A0A-S
Country		LT/LV	FI/EE	BE/NL	FR/BE	BE/FR
Question		**Evidence**	**Evidence**	**Evidence**	**Evidence**	**Evidence**
2.1	Please add any missing or strike-through any superfluous IPs or indicate any other amendments and justify the changes.			IA covering 21Z000000000118W and 21Z000000000067N; Hilvarenbeek L Physical (including former Poppel and Zandvliet-L)		Virtualys_Alveringem/Blaregnies Segeo/Troll H (BE) or Hondschoote/Taisnières H (FR) since 01.12.2017; IA covering former IPs 21Z000000000359A, 21Z000000000010F, 21Z000000000012B; Virtual IP
3	Is there a signed IA in place?	21/05/2018	IA sent for ENTSOG 8th of March 2021	Signed March 2017		30/11/2017. Done before 10/12/2017
	When were IA mandatory terms amended or replaced the last time?	2020 January	9th of December 2019		31/08/2017	
	Do provisions of interconnection agreement cover at least the terms and conditions defined in articles 6–12 INT NC?	except 7 Art.3 a); b); f); i); j) (is Yes, PR, planned to be implemented), Art.8 2 b); 5), Art.9 4) (Not applicable)	Recitals D.	INT NC Template	Mandatory terms sent to ENTSOG, regulators	Mandatory terms sent to ENTSOG regulators
4.1	Have you identified information contained in IA that directly affects NUs and informed them?	Yes	Ch.14.2. of IA. Public consultation organised for the annexes relevant for market participants before signing IA. The principles relevant for NUs are described also in the market rules (such as matching, nomination procedure, exceptional events)	IA (ENTSOG template): Art.1; INT NC Art.6 1 a	NUs information done by both TSOs from 06/01/2017 to 5/03/2017	NUs information done by both TSOs from 19/07/2017 to 9/08/2017
4.2	Since application date of INT NC and before concluding or amending an interconnection agreement, have you invited network users to comment on the proposed text for matching, allocation, and communication of exceptional events?	Amber Grid organised public consultation on website since 2017-03-21 to 2017-04-03. **Link** On 14th of February 2017 Conexus held an seminar in Riga for Baltic natural gas market participants. The conference participants from Latvia, Lithuania, Estonia were informed about the rules and news, which Latvia will have to comply with 3rd of April 2017	Public consultation organised for the annexes relevant for market participants before signing IA.	IA (ENTSOG template): Art.1; INT NC Art.6 1 a	NUs information done by both TSOs from 06/01/2017 to 5/03/2017. **Link**	NUs information done by both TSOs from 19/07/2017 to 9/08/2017. **Link**
6.1.a	Rules to facilitate a controllable, accurate, predictable, and efficient gas flow.	IA, 3.1	Ch. 6 of IA; Annex IV: Operational Procedures	IA (ENTSOG template): Art.1 INT NC Art.6 1 a	IA Annex 2, Annex 4	IA Annex 2, Annex 4
6.1.b	Rules for steering the gas flow across the interconnection point and for minimising the deviations from the flow pursuant to the matching process.	IA, 3.8	Sections 1 & 2 of Annex IV: Operational Procedures;	IA (ENTSOG template): Art.1 INT NC Art.6 1 a	IA Annex 4	IA Annex 4
6.1.c	Designation of TSO responsible for steering	IA, 3.3	Sections 1.5–1.12 of Annex 4.	IA (ENTSOG template), no. 1.1	IA Annex 4	IA Annex 4
6.2	The quantity and direction of the gas flow is decided on an hourly basis by the adjacent TSOs.	IA, 3.6, Annex 3 (3 k-l); 3.9	Sections 1.5–1.12 of Annex 4; Section 1.7. of Annex 6.	IA (ENTSOG template): Art.1 INT NC Art.6 2	IA Annex 2, Annex 4	IA Annex 2, Annex 4
6.3.a	Matching rule	IA, 3.7.1	Section 1.4 of Annex 8	IA (ENTSOG template): Art.1 INT NC Art.6 3 a	IA Annex 2	IA Annex 2
6.3.b	Allocation rule	IA, 3.7.2	Section 1 of Annex 8	IA (ENTSOG template): Art.1 INT NC Art.6 3 b	IA Annex 3, Annex 4	IA Annex 3, Annex 4

IP NAME/LOCATION	Kiemenai	BALTICCONNECTOR	Hilvarenbeek L (BE)/(NL) Physical	Blaregnies (BE)/ Taisnières (L) (FR) Physical	VIRTUALYS_Blaregnies H (BE)/Taisnières H (FR)
EIC or identifier for IP	21Z000000000153U	21Z0000000004952	21Z000000000243T	21Z000000000011D	21Z0000000004847
TSO	Ambergrid/Conexus	Gasgrid Finland/Elering	Fluxys Belgium/Gasunie Transport Services	GRTgaz/Fluxys Belgium	Fluxys Belgium/GRTgaz
EIC or identifier for TSO	21X000000001308D/21X000000001379R	21X000000001393X/10X1001A1001A39W	21X-BE-A-A0A0A-Y/21X-NL-A-A0A0A-Z	21X-FR-A-A0A0A-S/21X-BE-A-A0A0A-Y	21X-BE-A-A0A0A-Y/21X-FR-A-A0A0A-S
Country	LT/LV	FI/EE	BE/NL	FR/BE	BE/FR

Question		Evidence	Evidence	Evidence	Evidence	Evidence
6.3.c	Flow control arrangements	IA, 3.7.3; 3.8	Sections 1.5–1.12 of Annex 4; Section 1.7. of Annex 6.	IA (ENTSOG template): Art.1 INT NC Art.6 3 c	IA Annex 4, Annex 5, Annex 6	IA Annex 4, Annex 5, Annex 6
6.3.d	Gas Quality including any arrangement pursuant to Article 15	IA, 4.3; 4.4; 4.5	Section 2 of Annex 2	No arrangements in place.	IA Annex 9. No cross-border trade restrictions due to the topology of the L Zone in Belgium, France, the ongoing conversion project from L gas to H gas	IA Annex 9
6.3.d	Odourisation including any arrangement pursuant to Article 19			No arrangements in place.	No cross-border trade restrictions due to the topology of the L Zone in Belgium, France, the ongoing conversion project from L gas to H gas	IA Annex 9
6.4.a	Safety legislation	IA, 3.13.1	Section 13.2. of IA; Section 1 of IA (definition exceptional event)	IA (ENTSOG template): Art.1 INT NC Art.6 4 a	IA Art.6	IA Art.6
6.4.b	Emergency plans	IA, 3.13.2.	Section 1.3. Annex 5; Section 1 of Annex 4.	IA (ENTSOG template): Art.1 INT NC Art.6 4 b	IA Annex 7	IA Annex 7
6.4.b	Preventive action plans	IA, 3.13.2	Section 1 of IA (definition exceptional event)	IA (ENTSOG template): Art.1 INT NC Art.6 4 b	IA Annex 7	IA Annex 7
6.4.c	Exceptional events	IA, 3.13.3	Annex 5	IA (ENTSOG template): Art.1 INT NC Art.6 4 c	IA Annex 7	IA Annex 7
7.1.a	details of the measurement standards applicable established?	IA, 4.1; 4.2; 4.3	Sections 1.2, 1.3 and 1.9 of Annex 2	IA (ENTSOG template): Art.2 INT NC Art.7 1 a	IA Annex 9, Annex 11	IA Annex 9, Annex 11
7.1.b	Designation of the TSO responsible for Installation, Operation &Maintenance?	IA, 4.1; 4.6	Ch. 7 of IA; Annex 2;	IA (ENTSOG template): Art.2.1 INT NC Art.7 1 b	IA Annex 11	IA Annex 11
7.3.a	Description of the station and its equipment.	IA, Annex 1 (drawing); The method outlined in IA, 4.12 will be signed in separate document.	Annex 3	IA (ENTSOG template): Art.2.2 INT NC Art.7 3 a	IA Annex 4, Annex 11	IA Annex 11, Annex 12, Annex 13, Annex 14
7.3.b	Parameters and details: units, range, uncertainty, and frequency of measurement.	The method outlined in IA, 4.12 will be signed in separate document.	Section 3.14.2 of Annex 2	IA (ENTSOG template): Art.2.2 INT NC Art.7 3 b	IA Annex 9, Annex 11	IA Annex 9, Annex 11
7.3.c	Calculations procedures.	IA, 4.1; 4.3	Ch. 3 of Annex 2	IA (ENTSOG template): Art.2.2 INT NC Art.7 3 c	IA Annex 11	IA Annex 11
7.3.d	Maximum permissible error in energy.	IA, 4.1; 4.3; 4.13	Sections 3.4 and 3.14.2 of Annex 2	IA (ENTSOG template): Art.2.2 INT NC Art.7 3 d	IA Annex 11	IA Annex 11
7.3.e	Data validation	IA, 4.6; 4.7; 4.8	Sections 1.5–1.12 of Annex 2	IA (ENTSOG template): Art.2.2 INT NC Art.7 3 e	IA Annex 3, Annex 11	IA Annex 3, Annex 11
7.3.f	Verification and adjustment	The method outlined in IA, 4.12 will be signed in separate document. IA, 4.11; 4.13	Sections 1.8–1.12 of Annex 2	IA (ENTSOG template): Art.2.2 INT NC Art.7 3 f	IA Annex 3	IA Annex 3
7.3.g	Data provision content and frequency	IA, 4.6; Annex 3.5; Annex 3.6; Annex 3 table1.1	Sections 3.14.2 and 2.3 of Annex 2	IA (ENTSOG template): Art.2.2 INT NC Art.7 3 g	IA Annex 3, Annex 9, Annex 11	IA Annex 3, Annex 9, Annex 11
7.3.h	List of signal and alarms	IA, Annex 3 table 1.1; Annex 3 table 2.2	Sections 3.5–3.6. of Annex 2; Section 1.12 of Annex 2	IA (ENTSOG template): Art.2.2 INT NC Art.7 3 h	IA Annex 11	IA Annex 11
7.3.i	Corrections to measurements	The method outlined in IA, 4.12 will be signed in separate documents.	Sections 1.9–1.10 of Annex 2	IA (ENTSOG template): Art.2.2 INT NC Art.7 3 i	IA Annex 3, Annex 11	IA Annex 3, Annex 11
7.3.j	Equipment failure management	The method outlined in IA, 4.12 will be signed in separate documents.	Section 4 of Annex 2	IA (ENTSOG template): Art.2.2 INT NC Art.7 3 j	IA Annex 3, Annex 8, Annex 12	IA Annex 3, Annex 8, Annex 12
7.3.k	Rules for facility access, additional verification, modification, and attendance during calibration.	IA, 4.8; 4.9; 4.11; 4.13	Section 13.13 of IA; Section 3.4 of Annex 3; Section 1.7 of Annex 2.	IA (ENTSOG template): Art.2.2 INT NC Art.7 3 k	IA Annex 11	IA Annex 11
8.1.a	Have rules detailing the matching process been established, taking into account the daily-hourly nomination arrangements where relevant?	IA, Annex 3.3	Ch. 1 of Annex 8.	IA (ENTSOG template): Art.3 INT NC Art.8 1	IA Annex 4	IA Annex 4

IP NAME/LOCATION	Kiemenai	BALTICCONNECTOR	Hilvarenbeek L (BE)/(NL) Physical	Blaregnies (BE)/ Taisnières (L) (FR) Physical	VIRTUALYS_Blaregnies H (BE)/Taisnières H (FR)
EIC or identifier for IP	21Z000000000153U	21Z0000000004952	21Z000000000243T	21Z000000000011D	21Z0000000004847
TSO	Ambergrid/Conexus	Gasgrid Finland/Elering	Fluxys Belgium/Gasunie Transport Services	GRTgaz/Fluxys Belgium	Fluxys Belgium/GRTgaz
EIC or identifier for TSO	21X000000001308D/21X000000001379R	21X000000001393X/10X1001A1001A39W	21X-BE-A-A0A0A-Y/21X-NL-A-A0A0A-Z	21X-FR-A-A0A0A-S/21X-BE-A-A0A0A-Y	21X-BE-A-A0A0A-Y/21X-FR-A-A0A0A-S
Country	LT/LV	FI/EE	BE/NL	FR/BE	BE/FR

Question		Evidence	Evidence	Evidence	Evidence	Evidence
8.1.b	Have rules detailing communication and processing of data been established?	IA, 6, Annex 3.3	Annex 11	IA (ENTSOG template): Art.3 INT NC Art.8 1	IA Annex 2	IA Annex 2
8.2; 8.5.a	What is matching rule in place?	IA, 6.2	Section 1.4 of Annex 8	IA (ENTSOG template): Art.3.1 INT NC Art.8 2	IA Annex 2	IA Annex 2
	Description of the „other" rule					
8.2.b	In case „Other Rule" than the „Lesser Rule" is applied, have been network users invited to comment on it?					
8.2.c; 8.5.b	Which is the TSO responsible for the matching process?	IA, 6.3	Section 1.5 of Annex 8	IA (ENTSOG template), no. 3.2	Matching: Fluxys IA Annex 2 Flow control GRTgaz	Matching Fluxys : IA Annex 2, 4. Flow control both Fluxys, GRTgaz
8.2.d.	Has a time schedule taking no longer than two hours been defined?	IA, 6.11	Section 1.13 of Annex 8	IA (ENTSOG template), no. 3.3	IA Annex 2	IA Annex 2
8.4	Are data exchange use and the harmonised information specified?	IA, Annex 3 3 e. iii.; 8 r. t. m. v. w.	Annex 11	IA (ENTSOG template): Art.3 INT NC Art.8 4	IA Annex 2, Annex 3, Annex 11	IA Annex 2, Annex 3, Annex 11
9.2	What is the allocation rule in place?	IA, 9.2	Annex 4 (Ch. 2)	IA (ENTSOG template), no. 4.1 INT NC Art.9 2	IA Annex 3, Annex 4	IA Annex 3, Annex 4
9.2	If the rule is OBA, is it recalculated by the TSO in control of the measurement equipment?	IA, 9.2	Section 2.6 of Annex 4	IA (ENTSOG template), no. 4.2 INT NC Art.9 2	Fluxys	Both Fluxys, GRTgaz are in control of the measurement equipment
9.3.a	Where the OBA applies, are the allocations equal to the confirmed quantities?	IA, 9.1	Sections 2.1, 2.4 and 2.5 of Annex 4	IA (ENTSOG template), no. 4.1 INT NC Art.9 3 a	IA Annex 3	IA Annex 3
9.3.b	Is the OBA maintained as close to 0 as possible?	IA, 9.3	Section 2.3 of Annex 4	IA (ENTSOG template), no. 4.1 INT NC Art.9 3 b	IA Annex 4	IA Annex 4
9.4	Do the OBA limits take into account specific characteristics of each IP and/or the interconnected transmission networks, in particular: physical characteristics, line-pack capability of each transmission system, total technical capacity, gas flow dyna	Yes, all given parameters were discussed, analysed during the negotiations between the parties.	Sections 2.1 and 2.2 of Annex 4	IA (ENTSOG template), no. 4.1 INT NC Art.9 3 c	IA Annex 4	IA Annex 4, Annex 12, Annex 13, Annex 14
9.4	If the rule is not OBA, what is it?					
10	In case of „exceptional event" is there a procedure to inform adjacent TSOs and potentially affected network users?	IA, 10.1; 10.2; 10.3	Annex 5	IA (ENTSOG template), no. 5.1; Urgent market message (UMM) INT NC Art.10	IA Annex 7	IA Annex 7
11.1.a	Does the dispute settlement mechanism specify the applicable law?	IA, 18	Ch. 21 of IA	INT NC Art.11 2	IA Art.10	IA Art.10
11.1.b	Does the dispute settlement mechanism specify the court of jurisdiction or the terms and conditions of appointment of experts?	IA, 18	Ch. 20 of IA	INT NC Art.11 2	IA Art.10	IA Art.10
12	Have you established a transparent and detailed amendment process?	IA, 19.1; 19.2	However, amendments are agreed to be made according to Ch. 14 of IA	INT NC Art.12 2	IA Art.13	IA Art.13
13	Is the set of units and referenced conditions defined used for every data exchange and publication?		Sections 2.2, 3.4.1, 3.9.3 and 3.13.1 of Annex 2	INT NC Art.13 2	IA Annex 3, Annex 9, Annex 11	IA Annex 3, Annex 9, Annex 11
14	Has an additional set of units been defined?					

IP NAME/LOCATION	Kiemenai	BALTICCONNECTOR	Hilvarenbeek L (BE)/(NL) Physical	Blaregnies (BE)/ Taisnières (L) (FR) Physical	VIRTUALYS_Blaregnies H (BE)/Taisnières H (FR)
EIC or identifier for IP	21Z000000000153U	21Z0000000004952	21Z000000000243T	21Z000000000011D	21Z0000000004847
TSO	Ambergrid/Conexus	Gasgrid Finland/Elering	Fluxys Belgium/Gasunie Transport Services	GRTgaz/Fluxys Belgium	Fluxys Belgium/GRTgaz
EIC or identifier for TSO	21X000000001308D/21X000000001379R	21X000000001393X/10X1001A1001A39W	21X-BE-A-A0A0A-Y/21X-NL-A-A0A0A-Z	21X-FR-A-A0A0A-S/21X-BE-A-A0A0A-Y	21X-BE-A-A0A0A-Y/21X-FR-A-A0A0A-S
Country	LT/LV	FI/EE	BE/NL	FR/BE	BE/FR

Question		Evidence	Evidence	Evidence	Evidence	Evidence
15	Is there any cross-border trade restriction due to gas quality that cannot be avoided by the standard operations of the TSOs and that has been recognised by NRAs?					VIRTUALYS_Blaregnies H (BE)/Taisnières H (FR)
16	Are WI and GCV published on your website for each IP that acts as an entry point and once per hour?	Link	GCV is published at the ENTSOG TP	Fluxys Belgium: Link Gasunie Transport Services: Link	Fluxys Belgium: Link GRTGaz: Link	Fluxys Belgium: Link GRTGaz: Link
19	Is there any cross-border trade restriction due to differences in odourisation practices that cannot be avoided by the concerned TSOs and that has been recognised by NRAs?	Odourisation process is being performed in gas distribution stations (city gates) in Lithuania. Odourisation process is being performed in gas distribution stations (city gates) in Latvia.				

Picture courtesy of Gas Connect Austria

3.2 EVIDENCE OF COMPLIANCE – PART 2

IP NAME/LOCATION		VIP BENE	Rogatec	Gorizia (IT)/Šempeter (SI)	Ruse (BG) – Giurgiu (RO)	VIP PIRINEOS
EIC or identifier for IP		21Z0000000000503T	21Z000000000128T	21Z000000000044Z	21Z0000000002798	21Z000000000285D
TSO		Fluxys Belgium/Gasunie Transport Services	Plinacro/Plinovodi	Snam Rete Gas/Plinovodi	Transgaz/Bulgartransgaz	Enagás/Teréga
EIC or identifier for TSO		21X-BE-A-A0A0A-Y/21X-NL-A-A0A0A-Z	21X-HR-A-A0A0A-4/21X-SI-A-A0A0A-8	21X-IT-A-A0A0A-7/21X-SI-A-A0A0A-8	21X-RO-A-A0A0A-S/21X-BG-A-A0A0A-C	21X-ES-A-A0A0A-T/21X-FR-B-A0A0A-J
Country		BE/NL	HR/SI	IT/SI	RO/BG	ES/FR
Question		**Evidence**	**Evidence**	**Evidence**	**Evidence**	**Evidence**
2.1:	Please add any missing or strike-through any superfluous IPs or indicate any other amendments and justify the changes.	Virtual IP including Location Zelzate1, Zelzate 2, Zandvliet H-gas, 's Gravenvoeren/Dilsen. IA covering former IPs 21Z000000000019Y ,21Z0000000000017, 21Z0000000001062, 21Z000000000169F			missing IP (added)	
3	Is there a signed IA in place?	Signed 01/12/2020, Sent to ENTSOG 18-1-2021, CREG on 18-1-2021	29/04/2016	The mandatory terms of the signed IPA have been sent to ENTSOG, NRA on 28/07/2016	03/01/2017	19/12/2016
	When were IA mandatory terms amended or replaced the last time?		01/01/2019	01/07/2017	Amend. 1, 30.04.2019 (business rules); Amend. 2, 04.10.2019 (technical conditions); Amend. 3, 11.12.2020 (amendment of the gas quality specifications)	
	Do provisions of interconnection agreement cover at least the terms and conditions defined in articles 6 –12 INT NC?	Mandatory terms sent to ENTSOG, regulators	included in various IA chapters	Included in various IA Art.(please refer to the mandatory terms of the IPA sent to ENTSOG).	Art.4 to Art.8; Art.14; Art.18; Annexs – Gas Quality Specifications for both delivery directions (Annexs 5A&5B); Annexs 7A&7B (TOCs);	
4.1	Have you identified information contained in IA that directly affects NUs and informed them?	**Link**	Cons. Art 21 Reg. EU 2015/703, April 2016. **Link** Plinovodi: News from 02.08.2018	Cons. Art 21 Reg. EU 2015/703, April 2016 The information identified as directly impacting network users is made available through SRG Network Code published at the following **Link**	**Link 1** **Link 2** Public consultation on the business rules, communication procedures in case of exceptional events available at Bulgartransgaz website.	The information contained in IA that directly affects Nus is the Sections of IA that have been consulted: matching, allocation, communication of exceptional events
4.2	Since application date of INT NC and before concluding or amending an interconnection agreement, have you invited network users to comment on the proposed text for matching, allocation, and communication of exceptional events?	**Link**		In line with the provisions of Art.4.2 of INT NC, the network users have been invited to submit their comments on the relevant amended Section of IA. The information has been published at the following **Link 1**; **Link 2**	**Link 1** **Link 2** Transgaz: Public consultation on the business rules, exceptional events communication procedures conducted during 15.10–15.12.2018. The further amendment of IA has not been subject of the provisions of Art.4.2.	**Link**
6.1.a	Rules to facilitate a controllable, accurate, predictable, and efficient gas flow.	IA Art.4, Exh.H. Dispatching	included in various IA Art.	IA Art.14 – p.17	p.10, Art.5, § 5.1;	p. 32. Point 8.3
6.1.b.	Rules for steering the gas flow across the interconnection point and for minimising the deviations from the flow pursuant to the matching process.	IA Art.4, Exh.H./L. Dispatching/OBA	included in various IA Art.	IA: Art.14 – pp.16–17 § 1, Art.1 – p.5 Definition 3, Art. 6, 7 – pp.10–13	p.10, Art.5, § 5.1;	p. 33, Point 8.4
6.1.c	Designation of TSO responsible for steering	Exh.H. Dispatching Art.6 (GTS)	IA – Ch. 3	IA: Art.14 – p.17 §. 1	p.5, Art.1 (Downstream Operator); p.9, Art.1 (Upstream Operator); p.10, Art.5, § 5.1;	The TSO responsible for steering is the one delivering the gas. AI Point 8.3, §1, p.32
6.2.	The quantity and direction of the gas flow is decided on an hourly basis by the adjacent TSOs.	Exh.J. Matching Art.2., 4.	IA – Ch. 3	IA: Art.14 – pp.16–17 Art. 5.2, 6.2	on hourly basis as per p.10, Art.5, § 5.3;	The hourly planning is defined in the Daily Physical Program (p.33, Point 8.4)
6.3.a	Matching rule	Lesser of rule Exh.J. Matching Art.4	IA – Ch. 5.4	IA: Art.14 – p.17 § 1, Art.6 – pp.10–11	p.10, Art.5, § 5.1;	In the Point 8.2 (p.32) a reference is made to the nominated quantities.
6.3.b	Allocation rule	Exh.I. Allocation	IA – Ch. 6	IA: Art.14 – p.17 § 1, Art.2 – p.7 – § 2, Art. 7–8 – pp.11 – 14	p.10, Art.5, § 5.5;	The OBA correction is applied
6.3.c	Flow control arrangements	Exh.H./L. Dispatching/OBA	IA – Ch. 3	IA: Art.14 – p.17	p.10, Art.5, § 5.1;	AI Point 8.3. §§ 2,3, p.32
6.3.d	Gas Quality including any arrangement pursuant to Article 15	Main text Art.4, Exh.B. Gas Quality, Pressure		IA: Art.13. Gas Quality, p.14	p.9, Art.6; p.19, Art.14, 1 §; Annex – pp.7 – 8, Gas Quality Specification (Annex 5A&5B);	The obligation to deliver gas within specifications is stated in Point "9.2 Gas Quality" (p.36) while the consequences would be covered by "1.11.2 Liability among Parties" (p.14).

IP NAME/LOCATION	VIP BENE	Rogatec	Gorizia (IT)/Šempeter (SI)	Ruse (BG) – Giurgiu (RO)	VIP PIRINEOS
EIC or identifier for IP	21Z0000000000503T	21Z000000000128T	21Z0000000000044Z	21Z0000000002798	21Z0000000000285D
TSO	Fluxys Belgium/Gasunie Transport Services	Plinacro/Plinovodi	Snam Rete Gas/Plinovodi	Transgaz/Bulgartransgaz	Enagás/Teréga
EIC or identifier for TSO	21X-BE-A-A0A0A-Y/21X-NL-A-A0A0A-Z	21X-HR-A-A0A0A-4/21X-SI-A-A0A0A-8	21X-IT-A-A0A0A-7/21X-SI-A-A0A0A-8	21X-RO-A-A0A0A-S/21X-BG-A-A0A0A-C	21X-ES-A-A0A0A-T/21X-FR-B-A0A0A-J
Country	BE/NL	HR/SI	IT/SI	RO/BG	ES/FR

Question		Evidence	Evidence	Evidence	Evidence	Evidence
6.3.d	Odourisation including any arrangement pursuant to Article 19	Not applicable		IA: Art.13. Gas Quality, p.14	p.9, Art.6; p.19, Art.14, 1 §; Annex – pp.7 – 8, Gas Quality Specification (Annex 5A&5B);	IA, Point 9.3 Odourisation, p.36; Point 1.11.2 Liability among Parties, p.14
6.4.a	Safety legislation	Exh.C. Pressure safety, Control	IA – Ch. 11	IA: Art.14 – p.17 § 3	p.11, Art.6.3, § 6.3.4;	No specific mention to the safety legislation
6.4.b	Emergency plans	Exh.H. Dispatching Art.2., 8.	IA – Ch. 11	IA: Art.14 – p.17 § 3	Transgaz: No reference in IA; Bulgartransgaz: EP is amended but there is no reference in IA;	No specific mention to the emergency plans
6.4.b	Preventive action plans	Exh.H. Dispatching Art.8.	IA – Ch. 11	IA: Art.14 – p.17 § 3	Transgaz: No reference in IA; Bulgartransgaz: PAP is amended but there is no reference in IA;	No specific mention to the preventive action plans
6.4.c	Exceptional events	Exh.H. Dispatching Art.8.	IA – Ch.s 9.5 , 11	IA: Art.16 – pp.17–19	p.5, Art.1; pp.19–20, Art.14;	p.30. Point 7
7.1.a	details of the measurement standards applicable established?	Art.6 Exh.B/E/N	OM Ch. 1.3	IA: Art.13 – p.16, Art.17 – p.19, further detailed in IA Annex 7 (OM)	Annex 7A (TOC GMS Giurgiu) – p.4, Art.1.1; p.6, Art.2.1.7; p.7, Art.2.2.1; p.8, Art.2.2.3 § 5; p.11, Art.2.2.10.5; p.13, § 3.3; p.14–15, Art.3.4.2.4, § 3, § 4, p.15, Art.3.4.3, Art.3.4.4; p.24–25, Art.2.2.3, Annex 7.1; pp.29–30, Art.2, § 4, § 6, § 11, §15, §17, Annex 7.2; p.48, Art.1, § 3, Annex 7.5; p.49, Art.2.2.1, Annex 7.5; Annex 7B (TOC GMS Ruse) – p.4, Art.1; p.7, Art.11.1; p.8, Art.11.8; p.9, Art.12.13, 13.1; p.10, Art.13.13, 13.16, 13.17; p.11, Art.13.19, 14.3, 15.3; p.13, Art.20.4, 20.10, 20.12.1, 20.12.3, 20.14.1, 20.14.2; p.14–15, table no. 2; p.17, Art.24.1.1, 24.1.2, 24.1.3; p.21, Art.28.15; p.26, Art.1.6, Annex 7.2; p.33, Art.5.3.4, Art.5.4.2, Annex 7.3;	p.59. Annex 7. Point 3 (Alçay) p.78. Annex 7. Point 3 (Urrugne). The applied depend on the parameter, as detailed in calculation procedures: ISO 6976, ISO 12213-3, ISO 6327, EN ISO 13443
7.1.b	Designation of the TSO responsible for Installation, Operation &Maintenance?	Art.6 Exh.B/E/N	IA – Ch. 4.2	IA: Art.13 – p.16 § 3, Art.15 – p.17	Art.6.3, § 6.3.1, p.11; Annex 8A, pp.11–12, data GMS Giurgiu; Annex 8B, pp.13–14, data GMS Ruse;	p.35, 36. Point 9.1.1
7.3.a	Description of the station and its equipment.	Art.6 Exh.B/E/N	OM Ch. 2.1	Annex 7 (OM) of IA	Annex 7A (TOC GMS Giurgiu) – pp.29–31, Annex 7.2; Annex 7B (TOC GMS Ruse) p.5–8, p.22;	p.56. Annex 7. Point 2 (Alçay equipment) p.75. Annex 7. Point2 (Urrugne equipment)
7.3.b	Parameters and details: units, range, uncertainty, and frequency of measurement.	Art.6 Exh.B/E/N	OM Annx 5	Annex 7 (OM) of IA	Annex 7A (TOC GMS Giurgiu) – pp.45–46, Annex 7.4; Annex 7B (TOC GMS Ruse) – page. 13–16, Art.21;	p.54. Point 1.6 plus p.65 Annex A (Urrugne) p.85. Point 1.6 plus p.95 Annex A (Alçay)
7.3.c	Calculations procedures.	Art.6 Exh.B/E/N	OM Ch. 2.2 , Ch. 2.3	Annex 7 (OM) of IA	Annex 7A (TOC GMS Giurgiu) – pp.23–27, Annex 7.1; Annex 7B (TOC GMS Ruse) – p.25–27, Annex 7.2	p.78. Annex 7 Point 3 (Urrugne) p.59. Annex 7 Point 3 (AlÇay)
7.3.d	Maximum permissible error in energy.	Art.6 Exh.B/E/N	OM Ch. 2.4	Annex 7 (OM) of IA	Annex 7A (TOC GMS Giurgiu), p.45, Art.1.1, Annex 7.4; Annex 7B (TOC GMS Ruse) – pp.13–16, Art.21	Allowed tolerances in: p.63. Point 6. Last § (AlÇay) p.83. Point 6. Last § (Urrugne)
7.3.e	Data validation	Art.6 Exh.B/E/N	OM Ch. 2.5	Annex 7 (OM) of IA	Annex 7A (TOC GMS Giurgiu) – p.17, Art.4.2.1; Annex 7B (TOC GMS Ruse) – p.39, p.22, Art.37 – 38, p.1, p.38–39, Annex 7, Annex 8	p.53. Annex 7. Points 1.4 (Alçay) p.72. Annex 7. Points 1.4 (Urrugne)
7.3.f	Verification and adjustment	Art.6 Exh.B/E/N	OM Ch. 2.5	Annex 7 (OM) of IA	Annex 7A (TOC GMS Giurgiu) – p.32–42, (Annex 7.3); Annex 7B (TOC GMS Ruse) – p.28–34, (Annex 3);	p.53. Annex 7. Points 1.4 (Alçay) p.72. Annex 7. Points 1.4 (Urugne)
7.3.g	Data provision content and frequency	Art.6 Exh.B/E/N	IA – Ch. 9.2	Annex 7 (OM) of IA	p.20, Art.15, § 15.1, 15.2; Annex – p.11–12 GMS Giurgiu (Annex 8A); p.13–14 GMS Ruse (Annex 8B);	Frequency described for each piece of equipment. Point 2.2 (p.57 onwards for Alçay., 76 for Urrugne)
7.3.h	List of signal and alarms	Exh.G	OM Annx 8	Annex 7 (OM) of IA	Annex 7A (TOC Giurgiu) – p.5, Art.1.5; Annex 7B (TOC GMS Ruse) – p.5, Art.6;	p.65. Annex 7 AnnexA (Alçay) p.85. Annex 7 AnnexA (Urrugne)

IP NAME/LOCATION		VIP BENE	Rogatec	Gorizia (IT)/Šempeter (SI)	Ruse (BG) – Giurgiu (RO)	VIP PIRINEOS
EIC or identifier for IP		21Z0000000000503T	21Z000000000128T	21Z0000000000044Z	21Z0000000002798	21Z0000000000285D
TSO		Fluxys Belgium/Gasunie Transport Services	Plinacro/Plinovodi	Snam Rete Gas/Plinovodi	Transgaz/Bulgartransgaz	Enagás/Teréga
EIC or identifier for TSO		21X-BE-A-A0A0A-Y/21X-NL-A-A0A0A-Z	21X-HR-A-A0A0A-4/21X-SI-A-A0A0A-8	21X-IT-A-A0A0A-7/21X-SI-A-A0A0A-8	21X-RO-A-A0A0A-S/21X-BG-A-A0A0A-C	21X-ES-A-A0A0A-T/21X-FR-B-A0A0A-J
Country		BE/NL	HR/SI	IT/SI	RO/BG	ES/FR
Question		**Evidence**	**Evidence**	**Evidence**	**Evidence**	**Evidence**
7.3.i	Corrections to measurements	Art.6 Exh.E/N	OM Ch. 2.1	Annex 7 (OM) of IA	Annex 7A (TOC Giurgiu) – p.10, Art.2.2.8.4.; Annex 7B (TOC GMS Ruse) – p.19, Art.26.3.6 – 26.3.8;	Annex 7. Point 6 (p.63 for Alçay, p.82 for Urugne)
7.3.j	Equipment failure management	Art.6 Exh.E/N	OM Ch. 2.1	Annex 7 (OM) of IA	Annex 7A (TOC GMS Giurgiu) – pp.8–9, Art.2.2.5.5; p.26, Art.1.3, (Annex 7.1); p.36, Art.1.2.2.4 – 1.2.2.6; p.37, Art.1.2.2.7; p.39, Art.2.1; p.40, Art.2.2.2, § 3, Art.2.3.1; p.41, Art.2.4.3; p.42, Art.2.4.4, (Annex 7.3); Annex 7B (TOC GMS Ruse) – p.16, Art.22.7; p.19 – 20, Art.27.5 – 27.9; p.30–31, Art.1.18; p.31, Art.2.6, Art.3.6; p.32, Art.4.4; p.33, Art.6.6, 7.6, (Annex 3);	Annex 7. Point 4 (p.61 for Alçay, p.80 for Urugne)
7.3.k	Rules for facility access, additional verification, modification, and attendance during calibration.	Art.5	OM Ch. 1.5	IA: Art.13, § 4–8, p.16; Art.15 – p.17	p.11, Art.6.3, § 6.3.2; Annex 7A (TOC GMS Giurgiu) – pp.4–5, Art.1.4 (Art.1.4.1, Art.1.4.2.); Annex 7B (TOC GMS Ruse) – p.4 – 5, Art.4;	Annex 7. Point 5 (p.63 for Alçay, p.82 for Urugne)
8.1.a	Have rules detailing the matching process been established, taking into account the daily-hourly nomination arrangements where relevant?	Exh.J. Matching	IA – Ch. 5	IA: Art. 5–6, pp.9–11	p.12, Art.7.3.d;	Nomination process detailed in Point 4 p.20, matching process in Point 5 p.23.
8.1.b	Have rules detailing communication and processing of data been established?	Exh.J. Matching	IA – Ch. 5.4.3	IA: Art.6, pp.10–11	Art.7.3, p.12–13	The communication, processing rules are described in Point 5 (p.23)
8.2; 8.5.a	What is matching rule in place? Description of the "other" rule	Exh.J. Matching	IA – Ch. 5.5	IA: Art.6, § 8, p.10	p.12, Art.7.3, § e) – for nominations; pp.12–13, Art.7.3, § g) – for renominations;	IA Point 5.1, §2 (p.24)
8.2.b	In case "Other Rule" than the "Lesser Rule" is applied, have been network users invited to comment on it?					
8.2.c; 8.5.b	Which is the TSO responsible for the matching process?	Exh.J. Matching	IA – Ch. 5.4	IA: Art.6, pp.10–11	p.7, Art.1 (Matching System Operator (MSO)); p.12, Art.7.3, § e);	IA Point 5.1, §2 (p.24)
8.2.d	Has a time schedule taking no longer than two hours been defined?	As in INT NC, data exchange	IA – Ch. 5.4	IA: Art. 5, 6, pp.9–11	p.12, Art.7.3, § (a), § (b), § (c), § (d), § (e), § (f) – for nominations, Art.7.3, § (g) – for renominations;	Renomination less than 1 hour), Common Business Requirement Specifications, Point 5.1 last § (p.24).
8.4	Are data exchange use and the harmonised information specified?	Exh.J. Matching	IA – Annx 3	IA: Art. 5–6, pp.9–10, related Annex 1, 2A/2B	pp.11–13, Art.7.1, Art.7.3; p.20, Art.15.3; Annex – pp.1–5, Network User Transgaz's (Annex 1A), Network User Bulgartransgaz's (Annex 1B), (Annex 2), (Annex 3);	Common Business Requirement Specifications, Point 5.1 last § (p.24)
9.2	What is the allocation rule in place?	Exh.I. Allocation, L. OBA	IA – Ch. 6.1	IA: Art.1 – pp.5–6 – Definitions 3–23-24, Art.2 – p.7 – § 2, Art. 7–8 pp.11–14	p.13, Art.8, § 8.1	p.26. Point 6, §2
9.2	If the rule is OBA, is it recalculated by the TSO in control of the measurement equipment?	Exh.I. Allocation, L. OBA	IA – Ch. 4.4	IA: Art.7 (specifically § 1 p.11), pp.12–13; Art.8 – pp.13–14	p.13, Art.9.5;	This is done by ENAGAS GTS. p.28, Point 6.4. Second §
9.3.a	Where the OBA applies, are the allocations equal to the confirmed quantities?	Exh.I. Allocation, L. OBA	IA – Ch. 6	IA: Art.1, pp.5–6, Definitions 3–23-24; Art.2, p.7 – § 2; Art. 7–8, pp.11–14	p.13, Art.8.2;	p.26. Point 6, §1
9.3.b	Is the OBA maintained as close to 0 as possible?	Exh.L. OBA	IA – Ch. 6.1	IA: Art.8, p.14 – § 3	p.15, Art.9.1;	p.26. Point 6, §3
9.4	Do the OBA limits take into account specific characteristics of each IP and/or the interconnected transmission networks, in particular: physical characteristics, linepack capability of each transmission system, total technical capacity, gas flow dyna	Exh.L. OBA	IA – Ch. 6.1	IA: Art.8, pp.13–14	p.15, Art.9.2;	Whereas the calculation of the OBA limits (p.28, Point 6.3, last §) has been done in line with the principles defined above, there is no explicit mention in IA, as their consideration, not their definition is what is requested by the network code.

IP NAME/LOCATION		VIP BENE	Rogatec	Gorizia (IT)/Šempeter (SI)	Ruse (BG) – Giurgiu (RO)	VIP PIRINEOS
EIC or identifier for IP		21Z0000000000503T	21Z0000000000128T	21Z0000000000044Z	21Z0000000002798	21Z0000000000285D
TSO		Fluxys Belgium/Gasunie Transport Services	Plinacro/Plinovodi	Snam Rete Gas/Plinovodi	Transgaz/Bulgartransgaz	Enagás/Teréga
EIC or identifier for TSO		21X-BE-A-A0A0A-Y/21X-NL-A-A0A0A-Z	21X-HR-A-A0A0A-4/21X-SI-A-A0A0A-8	21X-IT-A-A0A0A-7/21X-SI-A-A0A0A-8	21X-RO-A-A0A0A-S/21X-BG-A-A0A0A-C	21X-ES-A-A0A0A-T/21X-FR-B-A0A0A-J
Country		BE/NL	HR/SI	IT/SI	RO/BG	ES/FR
Question		**Evidence**	**Evidence**	**Evidence**	**Evidence**	**Evidence**
9.4	If the rule is not OBA, what is it?			Pro-rata is used exceptional in case when OBA is not possible, as defined in IA: Art.7 – pp.12–13 – §. 7.2, 7.3	p.14, Art.8.3 – 8.4 (in certain conditions pro-rata allocation procedure is to be applied)	
10	In case of "exceptional event" is there a procedure to inform adjacent TSOs and potentially affected network users?	Exh.H, Urgent market message	IA – Ch. 9.5	IA: Art.16, pp.18–19	pp.19–20, Art.14;	pp.30–31, Point 7.2
11.1.a	Does the dispute settlement mechanism specify the applicable law?	Art.15	IA – Ch 13.5	IA: Art.23, p.24	p.21, Art.18;	p.12. Point 1.6, last §
11.1.b	Does the dispute settlement mechanism specify the court of jurisdiction or the terms and conditions of appointment of experts?	Art.15	IA – Ch 13.5	IA: Art.23, p.24	p.21, Art.18;	p.12. Point 1.7, last §
12	Have you established a transparent and detailed amendment process?	Art.14	IA – Ch 13.2	IA Art.22, §§ 1–3, pp. 23–24	p.10, Art.4;	p.10. Point 1.4.
13	Is the set of units and referenced conditions defined used for every data exchange and publication?	Art.1	IA – Annx 8	IA Art.13, §§ 1–2, p.16	IA, Art.1, pp.5–8; Annex 7A (TOC GMS Giurgiu) – p.52–53 Reference Conditions (Annex 7.6); Annex 7B (TOC GMS Ruse) – p.37, Conditions (Annex 6);	
14	Has an additional set of units been defined?			IA Art.13, §§ 1–2, p.16	pp.5–8, Art.1; Annex 7A (TOC GMS Giurgiu) – p.52–53, (Annex 7.6); Annex 7B (TOC GMS Ruse) – p.37, (Annex 6);	
15	Is there any cross-border trade restriction due to gas quality that cannot be avoided by the standard operations of the TSOs and that has been recognised by NRAs?					
16	Are WI and GCV published on your website for each IP that acts as an entry point and once per hour?	**Link**	Plinacro: In progress Plinovodi: **Link**	Snam: The value of the GCV is published on SRG website on hourly basis: **Link** Plinovodi: **Link**	Bulgastransgaz: **Link** For the publication of the data only for gas flow direction BG to RO, Transgaz needs to resume bilaterally discussion for inclusion of the hourly GCV, WI in Annex 8B of IA (Data to be received from the GMS Ruse).	Enagás: **Link** Teréga: **Link**
19	Is there any cross-border trade restriction due to differences in odourisation practices that cannot be avoided by the concerned TSOs and that has been recognised by NRAs?					

ADDITIONAL **NOTE**

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