

**INTERCONNECTION AGREEMENT FOR IP KYUSTENDIL/ZIDILOVO**

**Business Rules, Definitions, Allocation, Operational Balancing Account, Daily and Monthly Allocation and Reports, Constraints, Transition period**

## Article 1 – Definitions and interpretation

### 1.1 Definitions.

The terms used in this IA shall have the meaning as follows:

**Agreement (Interconnection Agreement, IA)** means this Interconnection Agreement with all Annexes hereof.

**Allocated Quantity** means the quantity of gas attributed to a Pair of Network Users by the Parties as an input or an off-take, for the purpose of determining their daily imbalance quantity.

**Common Data Exchange Solution** means the common data network, data exchange protocols and data formats for the electronic communications.

**Confidential Information** means the terms and conditions of this Agreement and all information given and received by the Parties either in oral or written form under the terms of this Agreement, as well as in connection with entering into and-or executing hereof.

**Confirmed Quantity** shall mean the quantity of Natural Gas confirmed for transmission on a Gas Day at the IP, taking into account the nominated quantities for that Gas Day at both sides IP and the matching process used for comparing and aligning the Natural Gas quantity requested by the Network Users to be transported at the IP.

**Consequential loss** shall mean any indirect loss, arising under or as a result of this Agreement (or termination thereof) being incurred not as a result of the breach itself, but due to the end or consequential result of the breach.

**Counterparty** means any party with whom any of the Parties exchanges data for the purpose of the implementation of Regulation (EC) No. 715/2009, unless specifically otherwise defined in this Agreement.

**Daily Balance Position (DBP)** shall mean a quantity calculated on a daily basis, for each Gas Day D of the period of implementation of the Operational Balancing Account (OBA) allocation procedure. The calculation of DBP for a specific Gas Day D is performed according to the following formula:

$$DBP^D = TDAQ^D - Q_M^D$$

Where:

$Q_M^D$  is the Measured Quantity, expressed in kWh of the physical flow through the IP during the Gas Day D;

$TDAQ^D$  - Total Daily Allocated Quantity in both directions at the IP, during the Gas Day D, expressed in kWh.

**Delivering Party** shall mean the Party delivering physically the natural gas at the IP.

**Delivery Pressure** shall mean the pressure of the Gas delivered at the Interconnection Point and measured and recorded at the metering runs of GMS Zidilovo.

**Delivery Temperature** shall mean the temperature of the Gas delivered at the Interconnection Point and measured and recorded at the metering runs of GMS Zidilovo.

**DELORD** means delivery order document according to Edig@s.

**DELRES** delivery response document according to Edig@s.

**Dispute** means any dispute, controversy or claim arising out of, in relation to, or in connection with this Agreement or the operations carried out under this Agreement, including any dispute as to the validity, interpretation, enforceability, termination or breach of this Agreement.

**Emergency Works** means all activities and works that a Party, acting as a Reasonable and Prudent Operator, considers necessary and reasonable in case of Emergency Situation.

**Emergency Situation** means any event or circumstance or combination of events or circumstances which have occurred or may occur and which, in the reasonable opinion of the Parties, adversely affects (or may adversely affect) the safety or operational integrity of BULGARTRANGAS's transmission system or GA-MA's transmission system or any part thereof, or which results in risk to the safety of life, property or the environment, and (where the context so requires) includes the event or circumstance which gave rise to such Emergency situation.

**Facilities** means BULGARTRANGAS Facilities and the GA-MA Facilities

- **"BULGARTRANGAS Facilities"** means the pipelines, pig launcher, block valve stations and related equipment located on Bulgarian side, including compressor stations, SCADA control room operated and/or controlled by BULGARTRANGAS (or by a third party acting on BULGARTRANGAS's behalf) required or serving to enable a physical Natural Gas flow through the Interconnection Point.
- **"GA-MA Facilities"** means the pipelines, pig launchers, pig receivers, gas metering stations, block valve stations and related equipment located on North Macedonian side, including SCADA control room operated and/or controlled by GA-MA (or by a third party acting on GA-MA's behalf) required or serving to enable a physical Natural Gas flow through the Interconnection Point.

**Forecasted GCV at Normal Condition** shall mean the average GCV, calculated in the GMS Zidilovo by using ISO 6976, on the Gas Day D-2, immediately preceding the Gas Day D-1 on which the matching process for the Gas Day concerned (D) takes place. The Forecast GCV at Normal Condition is expressed in kWh/Nm<sup>3</sup> (reference combustion temperature 25°C, reference volume temperature 0°C).

**Forward Flow Direction** shall mean the physical Natural Gas flow direction from Bulgaria to North Macedonia.

**Gas Day** shall mean the period from 6:00 CET to 6:00 CET following day. The reference date of any Gas Day is the date of the calendar day on which the Gas Day begins.

**Gas Measuring Station at IP Kyustendil (BG)/ Zidilovo (MK)** (hereinafter referred to as Gas Measuring Station or GMS Zidilovo) shall mean the border measuring station owned and operated by GA-MA. GMS Zidilovo has been designed, built and operated in accordance with the design specifications and operating standards and procedures, in accordance with sound and prudent gas industry practice, in accordance with international standards (for example EN and ISO) and in accordance with all laws, rules and regulations of any authority having jurisdiction above it. GMS Zidilovo shall be used for measuring and/or determination of

the quantity and quality of gas delivered physically from Bulgaria to North Macedonia and quality of gas delivered commercially from North Macedonia to Bulgaria.

**Gas quantity expressed in energy units (kWh)** shall mean the energy content of a given volume of gas calculated as the product of the gas volume expressed at normal reference conditions ( $t=0^{\circ}\text{C}$ ) without decimals (truncated, not rounded), multiplied by the Gross Calorific Value (25/0)), expressed at normal reference conditions, with 6 decimals.

**Gas Year** shall mean the period commencing at 06:00 CET on the 1st of October in each calendar year end ending at 06:00 CET on the 1st of October in the following calendar year.

**Gross (Superior) Calorific Value (GCV(25/0)) at Normal Reference Conditions** shall be calculated for real gas according to ISO 6976 taking into consideration the normal reference conditions and combustion reference temperature of  $25^{\circ}\text{C}$ . The Gross Calorific Value is expressed in  $\text{kWh}/\text{Nm}^3$ . This data shall be applied between the Parties while performing all duties as stipulated in this IA.

For energy calculation, the GCV in  $\text{kWh}/\text{Nm}^3$  shall be used with a rounding at 6 decimals, with rounding up if the 7<sup>th</sup> decimal is 5 or more, and with a rounding down if the 7<sup>th</sup> decimal is 4 or less.

**Gross (Superior) Calorific Value (GCV(25/20)) at Standard Reference Conditions** shall be calculated for real gas according to ISO 6976 taking into consideration the standard reference conditions and combustion reference temperature of  $25^{\circ}\text{C}$ . The Gross Calorific Value is expressed in  $\text{kWh}/\text{Sm}^3$ .

**Hydrocarbon dew point** means the temperature at which the hydrocarbons in gas begin to condense at a certain pressure.

**Initiating System Operator** means the Party initiating the matching process by sending the necessary data to the Matching System Operator. For the purpose of this IA, BULGARTRNSGAZ is the Initiating System Operator.

**Interconnection Point Kyustendil (BG)/ Zidilovo (MK) or IP** shall mean the interconnection between the BULGARTRNSGAZ's transmission system and the GA-MA's transmission system at the North Macedonian/Bulgarian state border near to Kyustendil (BG) and Zidilovo (MK). The measuring and/or determination of quantities and quality of gas delivered at this IP shall be carried out at the Zidilovo Gas Measuring Station.

**Lesser Rule** means that in case of different processed quantities at either side of the interconnection point, the confirmed quantity will be equal to the lower of the two processed quantities.

**Limitation range (LR)** shall mean the allowed range of values of the Total Balance Position (TBP).

**Matching process** shall mean the process of comparing and aligning processed quantities of network users at both sides of the IP, which will result in confirmed quantities for the network users. Nominations given by the Network Users are expressed in  $\text{kWh}/\text{day}$  during the matching process.

**Matching System Operator** means the Party performing the matching process and sending the result of the matching process to the Initiating System Operator. For the purpose of this IA, GA-MA is the Matching System Operator.

**Measured Quantity** means the quantity of gas that GA-MA determines from its measurement equipment at GMS Zidilovo to have physically flowed across the IP per time period.

**Gas Month** shall be a period beginning at 6:00 CET on the first day of a calendar month and ending at the same time on the first day of the next calendar month.

**Natural gas** or **gas** is a mixture of hydrocarbons (principally methane) and non-combustible components in a gaseous state, prepared for pipeline transmission.

**Network User** shall mean a natural person or legal entity that holds transportation capacity at the IP, on the basis of a transportation contract concluded either with BULGARTRANGAZ and/or GA-MA. Each Network User is assigned a unique identification code (Network User Code) by the respective Operator.

**Network User Code** shall mean a unique identification code assigned by an Operator to a registered Network User to be used for identification in the procedures and systems administered by the Operator.

**Normal cubic meter:** is the gas amount which at the temperature of 0 degrees Celsius (°C) and the absolute pressure of 1.01325 bar, in the absence of water vapours, occupies the volume of one cubic meter (1m<sup>3</sup>).

**Normal reference conditions** of temperature, pressure and humidity to be used for measurement and calculations on natural gas are 273.15 K (=0 °C) and 101.325 kPa (= 1.01325 bar (absolute)) for real dry gas.

**Operational Balancing Account (OBA)** is a joint account where the Daily Balance Position of both TSOs at the IP is recorded. GA-MA is the TSO responsible for calculating, on a daily basis, the Daily Balance Position and the Total Balance Position and update the Operational Balancing Account accordingly.

**Pair of Network Users** shall mean the mutually served, in line with corresponding transportation

**Processed quantity** means the quantity of natural gas assessed by Parties, which takes into account the Network User's nomination (respectively re-nomination) and contractual provisions as defined under the relevant transport contract;

**Reasonable and Prudent Operator** is used herein to describe the standard of care to be exercised by a Party in performing its obligations hereunder and it means that degree of skill, diligence, prudence and foresight which would reasonably and ordinarily be expected from a skilled and experienced pipeline operator complying with all applicable law engaged in the same type of undertaking under the same or similar circumstances and/or conditions having due consideration for the interests of the other Party to this Agreement with a priority for the safety and the stability of the Facilities.

**Receiving Party** shall mean the Party physically receiving the natural gas at the IP.

**Representative** shall mean a person authorized to act on behalf of GA-MA, BULGARTRANGAZ or a Network User.

**Repair Works** means all activities and works necessary in order to ensure that Parties Facilities are functioning in a safe manner in accordance with good industry practice;

**Reverse Flow Direction** shall mean the non-physical (commercial) natural gas flow direction opposite to the Forward Flow Direction.

**Scheduled Maintenance** means the next year maintenance activities planned to be carried out in the Facilities and submitted by each Party to the other Party to assist planning and scheduling of delivery of Natural Gas during a specific Gas Year.

**Standard reference conditions** of temperature, pressure and humidity to be used for measurement and calculations on natural gas are 293.15 K (=20 °C) and 101.325 kPa (= 1.01325 bar (absolute)) for real dry gas.

**Standard cubic meter** is the gas amount which at the temperature of 20 degrees Celsius (°C) and the absolute pressure of 1.01325 bar, in the absence of water vapours, occupies the volume of one cubic meter (1 m<sup>3</sup>).

**Steering difference** means the difference between the total Confirmed Quantities in both directions and the measured quantity at the IP for a given Gas Day.

**Total Balance Position (TBP)** shall mean the actual accumulation of DBP over a consecutive number of Gas Days. The calculation of TBP for each Gas Day D of the period of implementation of the OBA allocation procedure, is performed as follows:

1. For the first Gas Day D of implementation of the OBA allocation procedure, the TBP is set equal to the DBP calculated for this Gas Day D.
2. For each subsequent Gas Day D and up to (and including) the last Gas Day of the period of implementation of the OBA allocation procedure, the TBP for the Gas Day D shall be calculated as the algebraic sum of the TBP of Gas Day D-1 and the DBP for the Gas Day D concerned.

Positive TBP indicates that BULGARTRANGAZ is indebted towards the zero balance position, with a quantity equal to the absolute value of TBP. Negative TBP indicates that GA-MA is indebted towards the zero balance position, with a quantity equals to the value of TBP.

**Total Daily Allocated Quantity (TDAQD)** shall mean a quantity defined as:

$$TDAQ^D = \sum_i Q_{Al,F,i}^D - \sum_j Q_{Al,R,j}^D$$

Where:

$Q_{Al,F,i}^D$  is the Allocated quantity, expressed in kWh for a given pair (i) of NUs in Forward Flow Direction, during the Gas Day D;

$Q_{Al,R,j}^D$  is the Allocated quantity, expressed in kWh for a given pair (j) of NUs in Reverse Flow Direction, during the Gas Day D.

**Transportation Services** means transportation of Natural Gas through the Facilities including all the services required for such transportation.

**Unscheduled Maintenance;** means maintenance plan that is not deemed as Scheduled Maintenance and Emergency Works;

**Water dew point** means the temperature at which the water vapours in gas begin to condense at a certain pressure.

## **1.2 Interpretation unless otherwise agreed in this Agreement:**

- a) the terms "hereof," "herein," "hereby," "hereto", "thereof", "thereto" and similar words refer to this Agreement and to any particular Article or Annex or any other subdivision of this Agreement;
- b) references to "Article" or "Annex" are to the Articles or Annexes respectively of this Agreement;
- c) a reference to an agreement, law, statute, decree, regulation or other legal instrument, shall be construed as a reference to such agreement, law, statute, decree, regulation or other legal instrument, as the same may be amended, varied, supplemented, novated, assigned or re-enacted from time to time;
- d) any capitalized words, terms, phrases and abbreviations used specifically in any Annex shall have the meanings set forth in such Annex;
- e) unless otherwise specified, in case of any inconsistency between any provision of this Agreement and its Annexes, provisions of this Agreement prevails;
- f) Headings and sub-headings shall not affect the construction or interpretation of this Agreement;
- g) a "person" shall be construed as a reference to any individual, firm, company, corporation, government, state or agency of a state or any association or partnership (whether or not having separate legal personality) of two or more of the foregoing, and, unless the context otherwise requires, references to a person includes its permitted successors and assigns.

## **Article 7 - Business Rules**

### **7.1 Network Users' setup and update**

On a regular basis and as soon as possible but before the new Network User plans the transmission, new Network User's codes for the BULGARTRANGAZ's Transmission System and/or the GA-MA's transmission system, respectively shall be discussed:

- GA-MA shall communicate to BULGARTRANGAZ the list of Network User codes (according to Annex 1A), which shall be used by the Network Users for nominating gas quantities for transportation in the GA-MA' transmission system. The codes for the Network Users shall be given by GA-MA. In case a code was assigned to a Network user and such Network User cancels its booking or the validity of the booking contract expires, this code shall not be assigned to another Network User. If that original Network User books capacity again, the respective code shall be reassigned; whilst
- BULGARTRANGAZ shall communicate to GA-MA the list of Network User codes (according to Annex 1B), which shall be used by the Network Users for nominating gas quantities for transportation in the BULGARTRANGAZ's transmission system. The codes for the Network Users shall be given by BULGARTRANGAZ. In case a code was assigned to a Network user and such Network User cancels its booking or the validity of the booking contract expires, this code shall not be assigned to another Network User. If that original Network User books capacity again, the respective code shall be reassigned.

### **7.2 Matching procedure**

- a) The Network Users active on both sides of the IP shall be entitled to submit nominations in kWh for Gas Day D no later than CET 14:00 of the Gas Day D-1.
- b) Not later than 45 minutes after the nomination/re-nomination deadline, BULGARTRNSGAZ shall send to GA-MA the DELORD message according to Edig@s-XML format regarding the Processed Quantities for delivery/offtake for Gas Day D at IP by Network User pairs. The Processed Quantities are deemed to be equally allocated per hours during Gas Day D.
- c) GA-MA shall carry out a matching procedure of the Processed Quantities for delivery/offtake at the IP per Network User pairs and within 45 minutes after the receipt of the message under item b) a DELRES message shall be sent to BULGARTRNSGAZ according to Edig@s-XML format. If there is a difference in the Processed Quantities at both sides of the IP, then the "lesser rule" shall be applied.
- d) By CET 16:00 of Gas Day D-1, the Parties shall inform their Network Users about the Confirmed Quantities.
- e) Not later than two hours after the full hour following the Network Users' re-nomination, the Parties shall inform their Network Users about the Confirmed Quantities.
- f) Network Users active on both sides of the IP shall have the right to re-nominate between CET 14:00 of Gas Day D-1 and CET 03:00 of Gas Day D. The Parties shall start a re-nomination cycle in the beginning of every hour, between CET 15:00 of Gas Day D-1 and CET 03:00 of Gas Day D. During each re-nomination cycle the notification and matching procedure according b), c), d) and e) shall apply.
- g) In case a re-nomination has been rejected by a transmission system operator, the Parties shall use the Network User's last Confirmed Quantity, if any.
- h) In case BULGARTRNSGAZ has not sent to GA-MA, until the expiration of the deadline specified in paragraph b) above, the Processed Quantities (DELORD) for a Gas Day D, these shall be considered, by GA-MA, equal to the Network Users' last Confirmed quantities, for the implementation of the matching process.
- i) In case BULGARTRNSGAZ has not sent to GA-MA, in a given re-nomination cycle until the expiration of the deadline specified in paragraph f) above, the Processed quantities (DELORD) for a Gas Day D, GA-MA shall consider, for the implementation of the matching process, the last Processed quantities for the Gas Day D, which were sent by BULGARTRNSGAZ to GA-MA.
- j) In case GA-MA has not sent the Confirmed quantities (DELRES) as a result of the Day-ahead nomination matching process for a Gas Day D to BULGARTRNSGAZ, until the expiration of the deadline specified in paragraph c) above, the Confirmed quantities (DELRES) shall be considered equal the Network Users' last Confirmed quantities.
- k) In case GA-MA has not sent a Confirmed Quantities (DELRES) for a Gas Day D to BULGARTRNSGAZ in a given re-nomination cycle, until the expiration of the deadline specified in paragraph f) above, the last Confirmed quantities (DELRES) shall be



considered as Confirmed quantities (DELRES) for that re-nomination cycle, as a result of the matching process.

- l) For avoidance of doubt GA-MA and BULGARTRNSGAZ shall take into consideration for matching purposes only the last nomination/ re-nomination submitted within the deadlines, mentioned above.
  
- m) The matching processes under Article 7.2 shall be performed in line with the requirements for common data exchange solution set out in Article 21.(2)(a) of Regulation (EU) N°2015/703 and shall be carried out using the Edig@s-XML data format and the AS4 communication protocol.

Excel file as provided in the form in Annexes 2 and 3 shall be used temporarily only in case of failure of the above-mentioned main data exchange solution. Excel files shall be exchanged via e-mail and in case that option is unavailable, fax will be used.

### **Article 8 - Allocation**

8.1. In respect of the allocation of gas quantities, BULGARTRNSGAZ and GA-MA establish allocation procedure ensuring consistency between the allocated quantities at both sides of the IP. This allocation procedure shall be based on the Operation Balancing Account (OBA), specified below.

8.2. Under the OBA allocation procedure the Natural Gas quantity allocated for a Gas Day D to a pair of Network Users at the IP shall be equal to the Natural Gas quantity confirmed for delivery/off-take, for that Gas Day D, to the said pair of Network Users, according to Article 7.2.

$$Q_{Al,F,i}^D = Q_{C,F,i}^D \text{ and}$$

$$Q_{Al,R,j}^D = Q_{C,R,j}^D ,$$

where:

$Q_{C,F,i}^D$  is the Confirmed Quantity, for a given pair (i) of Network Users in the Forward Flow Direction, during the Gas Day D;

$Q_{C,R,j}^D$  is the Confirmed Quantity, for a given pair (j) of Network Users in the Reverse Flow Direction, during the Gas Day D;

$Q_{Al,F,i}^D$  is the Allocated quantity, to a given pair (i) of Network Users in the Forward Flow Direction, during the Gas Day D;

$Q_{Al,R,j}^D$  is the quantity, to a given pair (j) of Network Users in the Reverse Flow Direction, during the Gas Day D.

8.3. The OBA allocation procedure shall not be applied in the event that:

8.3.1. The pressure is not according to the requirements of the Article 6.1 and the Parties are not able to perform their daily nominations, unless the Parties agree otherwise in operational manner

8.3.2. The provisions of paragraph 9.3, item (b) are implemented;

8.4 For each Day D, when any of the conditions in paragraph 8.3 is in effect, the daily measured quantity is allocated to the pairs of NUs proportionally to their Confirmed Quantities in both directions of the IP. The OBA allocation procedure shall be re-applied on the next Day D+1 after the Day D in which all of the conditions in paragraph 8.3 are no longer in effect, unless both Parties mutually agree to postpone the application of the OBA for a specific period. Pro-rata allocated quantities shall be calculated by using the following formulas:

In the Forward Flow Direction:

$$Q_{AL,F,i}^D = Q_{C,F,i}^D + Q_{SD}^D * \frac{Q_{C,F,i}^D}{\sum_i Q_{C,F,i}^D + \sum_j Q_{C,R,j}^D}$$

In the Reverse Flow Direction:

$$Q_{AL,R,j}^D = Q_{C,R,j}^D - Q_{SD}^D * \frac{Q_{C,R,j}^D}{\sum_i Q_{C,F,i}^D + \sum_j Q_{C,R,j}^D}$$

Where:

$Q_{SD}^D$  is the steering difference during the Day D:

$$Q_{SD}^D = Q_M^D - \sum_i Q_{C,F,i}^D + \sum_j Q_{C,R,j}^D$$

Each Day for which the pro-rata allocation procedure applies, the OBA is updated by calculating the TBP, considering DBP that equals to zero (0).

8.5 The indicative allocation of Natural Gas quantities shall be carried out by BULGARTRANGAZ and sent to GA-MA via an ALOCAT message according to Edig@s-XML format, for each Pair of Network Users, on a daily basis, until CET 10:00 for the previous Gas Day (according to Annex 4).

Excel file as provided in the form in Annex 4 shall be used temporarily only in case of failure of the above-mentioned main data exchange solution. Excel file shall be exchanged via e-mail and in case that option is unavailable, fax will be used.

## **Article 9 - Operational Balancing Account**

9.1. The Parties shall strive to reach an equality between the Confirmed Quantities and the actually Measured Quantities at the IP in order to maintain TBP as close as possible to zero, and to ensure that the LR specified in paragraph 9.2 is not violated.

9.2. The LR is specified by its lower limit value, which is set to – ... kWh and its upper limit value which is set to ... kWh. The lower and / or upper value of the LR may be changed upon mutual agreement of BULGARTRANGAZ and GA-MA.

9.3. If the Parties operationally agree, one of the following articles maybe applied:

- (a) temporarily expand the limits of LR for a certain number of consecutive Gas Days. The OBA expansion can be requested either before the end of the Gas Day D, when it becomes clear that there will be such situation (so the necessary actions are taken in due time), or once the Gas Day D has ended and the exact quantities exceeding the OBA limits are already known. The requests and the approvals of such temporary OBA limits expansion shall be submitted to the other Party in written form by e-mail. Any additional information can be clarified in advance by phone. In the requesting e-mail there should be a proposed deadline within which the requesting party will make all efforts to restore the TBP back in the normal OBA limits stated in paragraph 9.2. Approvals should be received by the requesting party before CET 9:00 of Gas

Day D+1, in order to abide by the deadlines for allocation of the quantities. Both parties shall appoint their representatives and their contact information (email addresses, phone numbers and names if applicable), authorized to request and approve temporary OBA limits expansion for a specified time period. Both parties shall inform the other side in due time if any changes occur in the list of authorized representatives and their contact information.

or

- (b) suspend the implementation of the OBA allocation procedure, and apply the pro-rata allocation procedure, as per paragraph 8.4, for any Gas Day D at the end of which the TBP is not within the limits of LR. Each Gas Day D for which the pro-rata allocation procedure applies, the OBA is updated by calculating the TBP, considering DBP that equals to zero (0).

### **Article 11 – Daily and Monthly Allocation and Reports**

11.1 The final allocation of Natural Gas quantities for each Gas Day of the Month M, and for each Pair of Network Users, based on validated measurements, shall be carried out until CET 14:00 of the fourth calendar day of the Month immediately succeeding the Month M.

11.2 Daily and Monthly quantity allocation protocols shall be issued by BULGARTRNSGAZ and signed by GA-MA. The Daily and Monthly allocation protocols shall be in accordance with the preliminarily approved forms as in Annex 4. The Natural Gas quantities, expressed in volume units, are registered in the allocation protocols for reference purposes only.

The quantity allocation protocols shall be issued after the GA-MA provides to BULGARTRNSGAZ the measurement protocols for gas quantity and quality as in Annex 7, and shall also include separate Network User pair allocation protocols.

11.3 The data in the quantity allocation protocols shall be used by BULGARTRNSGAZ and GA-MA for commercial purposes.

11.4 BULGARTRNSGAZ shall send daily to GA-MA an Account Situation Document (ACCSIT) notification containing the TBP of the OBA, in accordance with the Edig@s-XML format, not later than CET 11:00 on the Day D+1. In case back-up communication method is used BULGARTRNSGAZ shall issue and forward to GA-MA the daily OBA report for day D as excel file, in accordance with the standard form of Annex 9.

### **Article 14 - Constraints**

Whenever a limit for the gas quality specification according to Annex 5 is approached or exceeded, BULGARTRNSGAZ and GA-MA shall inform each other thereof and the Receiving Party shall apply best efforts to accept Natural Gas which does not conform to the gas quality specification (Annex 5) if the acceptance of such non-conforming Natural Gas does not jeopardize the safety and/or integrity of the Receiving Party transportation system.

Depending on the position of the Receiving Party regarding the safety and/or integrity of the transportation system, the gas will be interrupted or not, whilst the Delivering Party shall undertake immediate actions to bring the gas properties back on spec or to contact their upstream operator and shall issue a request for corrective actions to bring the gas properties back on spec as soon as possible.

If during any Gas Day (D) an Emergency Situation occurs, which causes capacity reductions, (e.g. compressor outage, or leakage, etc.) BULGARTRANGAZ and/or GA-MA shall react promptly in order to minimize the impact of such an event by using best efforts and all reasonable measures.

Both Parties shall undertake to assure prompt exchange of all relevant information (exchange within 1 hour after occurrence of an emergency), which may affect the quantity of gas being transported in the future and the quality parameters of the gas.

- (a) The communication shall be performed by means of telephone call for information, followed by a written confirmation;
- (b) where an Emergency Situation occurs on a Party's network affecting the IP, the relevant Party shall without delay inform and keep informed the other Party in respect of the possible impact on the quantities of gas that can be transported over the IP.
- (c) where a Party considers there is an evident danger to system security and/or stability and an Emergency Situation event may have an impact on the confirmed quantities of its Network Users, as soon as reasonably practicable, each Party shall inform its respective affected network users that are active at the IP of the consequences for the confirmed quantities;
- (d) once the Emergency Situation ends, the relevant affected Party shall inform the other Party as soon as reasonably practicable and each Party shall inform its respective affected Network Users accordingly.

Contact data of the Parties related to emergency activities are listed in [Annex 6A](#), [Annex 6B](#).

#### **Article 24 - Transition period**

Both Parties agree that for a transition period until 01.10.2023 the following conditions will be applied prevalingly over the respective conditions already defined in the Interconnection Agreement:

- Reference temperature shall be 20°C where 0°C is defined;
- Gas Day shall mean the period from 08:00 CET to 08:00 CET on the following day instead of the period from 06:00 CET to 06:00 CET on the following day;
- The main measurements for fiscal calculations and commercial use will be done in standard cubic meters at a reference temperature of 20°C.
- **Forecasted GCV shall be published on daily basis on the internet sites of the Parties in order to inform the network users on both sides how to convert the volumes to energy and vice versa to avoid mismatching.**
- The configuration register and the events and alarms log downloaded from the flow computers for the previous month, in the format generated by the existing metering systems will be provided after the transition period.
- GAS INSTITUT, VEG APELDOORN NIEDERLANDE will be the laboratory for determination in transition period.

Upon mutual consent between both Parties, the transition period for some points can be ended earlier if the necessary steps are completed earlier by GA-MA.