

Rules on the conduct of commercial operations at

IP Ungheni

according to the provisions of the INTERCONNECTION AGREEMENT (IA)

concluded between TRANSGAZ and VESTMOLDTRANSGAZ

1. Background information

- Interconnection Point Ungheni is the interconnection between the National Gas Transmission System of Romania, operated by TRANSGAZ/Gas Transmission Operator of Romania (TSO RO) and the Natural Gas Transmission System of the Republic of Moldova, operated by VESTMOLDTRANSGAZ/One of the Gas Transmission System Operators of the Republic of Moldova (TSO MD), located at the border between Romania and the Republic of Moldova near the municipality of Iasi (on the territory of Romania) and near the locality of Ungheni (on the territory of the Republic of Moldova).
- These **Rules** are part of the Interconnection Agreement agreed between the neighbouring transmission operators and apply to the conduct of commercial operations at IP Ungheni, **both in the direction of the physical flow Romania - Moldova (RO→MD) and in the direction of the physical flow Moldova - Romania (MD → RO).**
- The Interconnection Agreement concluded between TRANSGAZ and VESTMOLDTRANSGAZ integrates the provisions of Regulation (EU) No 312/2014 and Regulation (EU) No 703/2015.
- **The exchange of data** necessary for the daily processes **between the NU and TRANSGAZ and between TRANSGAZ and VESTMOLDTRANSGAZ**, respectively, will be carried out in kWh/day based on reference conditions (25°C/0°C).
- The **gas day** used is the period from 05:00 UTC to 05:00 UTC of the following day for the winter period and from 04:00 UTC to 04:00 UTC of the day following upon the shift to daylight saving time.
- The hourly deadlines provided for in the Interconnection Agreement concluded between TRANSGAZ and VESTMOLDTRANSGAZ shall comply with UTC (Coordinated Universal Time). In order to simplify the understanding and application of the processes, under this document, the corresponding time of Romania has been added, i.e. UTC+2 hours in winter and UTC+3 hours in daylight saving time.

2. Capacity booking

- Starting with 20.10.2021, transmission capacity at **IP Ungheni**, shall be booked through the auctions organized within the RBP platform, operated by FGSZ Ltd., in line with the RBP Operation Rules and the auctions calendar published annually by ENTSO-G and it shall be expressed in kWh/day based on the GCV and the reference conditions (25°C/0°C).
- Capacity allocations resulting from auctions will be automatically uploaded to the GMOIS platform in kWh/day (25°C/0°C) and will also be displayed in MWh/day (15°C/15°C).

3. Gross calorific value (GCV)

- TRANSGAZ publishes on its website the value of the GCV related to each gas day, which is determined under the reference conditions (25°C/0°C) and (15°C/15°C),
- The daily energy equivalence from kWh(25°C/0°C) into MWh in the reference conditions (15°C/15°C) is performed by using the conversion formula:

$$\text{Energy [MWh(15°C/15°C)]/day} = (\text{Energy kWh(25°C/0°C)]/day)/1000*0,9486/0,9476$$

- The gross calorific value related to gas day D-1 is displayed daily, until 12:00 hrs, Romanian time (10:00 UTC in winter time and 09:00 UTC in summer time) of gas day D, on TRANSGAZ's webpage at:

<http://www.transgaz.ro/ro/clienti/informatii-operationale/pcs>

4. (Re-)Nomination

- The (Re-)Nomination shall not exceed the booked capacity.
- The (Re-)Nomination at the IP Ungheni is made separately for:
 - **bundled firm capacity** - unilateral (re-)nomination,
 - **unbundled firm capacity** – bilateral (re-)nomination,
 - **interruptible capacity** - bilateral (re-)nomination.
- The documentation related to the (re)nomination procedure is available via the GMOIS platform (NU -> NU documentation -> Interconnection point nominations).
- The NUs shall submit directly to the GMOIS platform the (re)nominations related to booked capacity.

- The NU may submit **nominations for gas day D** until 13:00 UTC (winter time) and 12:00 UTC (summer time) of gas day D-1. The nominations are delivered to Transgaz broken down by each type of booked capacity.
- The NU may submit **re-nominations for gas day D** between 15:00 UTC in winter time and 14:00 UTC in summer time of gas day D-1, and between 02:00 UTC in winter time and 01:00 UTC in summer time of gas day D. A re-nomination cycle starts at each sharp time of the hourly interval mentioned above. The re-nominations are taken into account two hours after the end of the hourly re-nomination cycle.
- At the Ungheni IP the matching process is performed by Transgaz by applying the `lesser rule`.
- If the re-nomination of the Network User was rejected by TRANSGAZ, the last quantity confirmed by the Network User, if applicable, will be taken into account for the matching procedure.
- The confirmed (re-)nominations, resulting following the matching process, may be using the GMOIS platform reports.

5. Metering

- The quantity and quality of the gas delivered at this IP is metered and/or determined at the Ungheni Gas Metering Station for the both gas flow directions.

6. Allocation

- **Transgaz establishes the allocation of the confirmed quantities** for each Pair of Network Users, daily, **until 10:30, Romanian time** (8:30 UTC winter time and 07:30 UTC summer time) **for each previous gas day.**
- **The allocation** of the quantities delivered to and/or received by the NU **is performed at the level of the confirmed quantities** for delivery/taking over and is expressed in kWh under reference conditions (25°C/0°C). This allocation procedure **is based on the Operational Balancing Account (OBA).**
- The Network User may see the gas quantity allocated for gas day D, in MWh/d, at reference conditions (15° C/15°C) on the GMOIS platform, in the allocation report after 12:00 UTC in winter time and 11:00 UTC in summer time (14:00, Romanian time).
- The allocation procedure based on the OBA is not applied in the following situations:
 - The actual deliveries are interrupted because of the inappropriate quality of the natural gas;
 - The actual deliveries are limited or interrupted because of the non compliance with the pressure conditions required at the Ungheni GMS;

- The limitation range accepted for the total balance position value cannot be restored.
- For each gas day D when any of the situations mentioned above occurs, **the quantity measured daily is allocated** to the NU pairs **proportionally to their confirmed gas quantities** in both directions of the IP, as applicable.