

**Rules on the conduct of commercial operations
at the Ungheni IP
according to the provisions of the INTERCONNECTION AGREEMENT (IA)
concluded between VESTMOLDTRANSGAZ and TRANSGAZ**

1. General background

- The **Ungheni** interconnection point represents the interconnection between the National Transmission System of TRANSGAZ/the Transmission System Operator in Romania (TSO RO) and the gas transmission system of VESTMOLDTRANSGAZ/ the Transmission System Operator in Republic of Moldova (TSO MD), located at the border between Romania and the Republic of Moldova near Iași (on the territory of Romania) and near Ungheni (on the territory of the Republic of Moldova).
- These **Rules** agreed between the neighbouring transmission system operators are applied during the commercial operations at the Ungheni IP, **both in the Romania-Moldova (RO→MD) physical flow direction and in the Moldova-Romania (MD → RO) physical flow direction.**
- The Interconnection Agreement concluded between TRANSGAZ and VESTMOLDTRANSGAZ includes the provisions of Regulation (EU) No. 312/2014 and Regulation (EU) No. 703/2015.
- The **data exchange** necessary for conducting the daily processes **between the NU and TRANSGAZ** and **between TRANSGAZ and VESTMOLDTRANSGAZ** will be in kWh/day, based on the reference conditions (25°C/0°C).
- **Gas day** means the period from 5:00 UTC to 5:00 UTC the following day for winter time and from 4:00 UTC to 4:00 UTC the following day when daylight saving is applied.
- The deadlines provided in the Interconnection Agreement concluded between TRANSGAZ and VESTMOLDTRANSGAZ comply with the UTC (coordinated universal time). For a better understanding and application of the processes, we would like to mention that the Romanian time was also included in this document, meaning UTC + 2 hours in winter time and UTC + 3 hours in summer time.

2. Capacity booking

- Transmission capacity at the **Ungheni IP** will be booked through the Transgaz capacity booking platform (GMOIS), according to the first-come-first-served principle, compliant with the Network Code, as further amended and supplemented, and will be expressed in kWh/day, based on the GCV and the reference conditions (25°C/0°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:

Energy [MWh(15°C/15°C)]/day = (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 must not exceed the booked capacity.
- The (Re-)Nomination at the Ungheni IP is made separately for:
 - **bundled firm capacity - unilateral (re-)nomination,**
 - **unbundled firm capacity** – bilateral (re-)nomination,
 - **interruptible capacity** - bilateral (re-)nomination.
- **TRANSGAZ communicates the detailed information** regarding data transmission and the templates used for (re-)nomination to the contacts indicated by the NU at the conclusion of the transmission contract or to the persons designated by the NU for this purpose, through the GMOIS platform (NU -> documentation) or by e-mail.
- The NU must send to infogaz@transgaz.ro the (re-)nominations related to the 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 hourly re-nomination cycle.
- The (re-)nomination sent must include:
 - a. the gas day for which the (re-)nomination is made
 - b. the code of the network point,
 - c. the flow direction,
 - d. the required amount in kWh/day, (25°C /0°C)
 - e. the NU code (EIC),
 - f. the NU pair code (EIC).
- The (re-)nomination sent must not exceed the bundled firm capacity and the capacity procured bilaterally (firm and/or interruptible).
- At the Ungheni IP the matching process is performed by Transgaz by applying the 'lesser rule'.
- For the nomination cycle, TRANSGAZ will send to the NU the confirmed nominations until 15:00 UTC.
- For the re-nomination cycle, TRANSGAZ will send to the NU the confirmed nominations within two hours from the beginning of the re-nomination cycle.
- 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..

5. Metering

- The quantity and quality of the gas delivered at this IP is metered and/or determined at the Ungheni Gas Metering Station both for the physical flow of gas from Romania to the Republic of Moldova (RO→MD) and from the Republic of Moldova to Romania (MD→RO).

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 view the gas quantity allocated for gas day D, in MWh/day, 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 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.