



Publication of the information for tariff year 2022/2023 referred to in Article 29 of the TAR NC¹,

1. The reserve prices for interconnection points and points other than interconnection points where Regulation (EU) 2017/459 rules apply (Article 29 (a) (i) and (b) (i) of the TAR NC).

Prices resulting from Tariff for gas transmission services No. 15 applicable from 1 January till 31 December 2022 and prices resulting from Tariff for transmission of gaseous fuels No. 16 applicable from 1 January till 31 December 2023 are given in **gr/kWh/h per h**.

The below presented reserve prices are net prices. The given prices shall be increased by the value-added tax (VAT), at the applicable under the relevant tax regulations.

¹ Commission Regulation (EU) 2017/460 of 16 March 2017 establishing a network code on harmonised transmission tariff structures for gas

Product Type	Validity Period	Unit	Entry Interconnection Points		Exit Interconnection Points	
			Standard capacity products for firm capacity	Standard capacity products for interruptible capacity	Standard capacity products for firm capacity	Standard capacity products for interruptible capacity
Yearly product *	1 oct 2022 - 31 dec 2022	gr/kWh/h	0.3200	0.3008	0.1908	0.1794
Yearly product **	1 jan 2023 - 30 sept 2023	gr/kWh/h	0.4171	0.3921	0.2275	0.2139
Quarterly product *	1 oct 2022 - 31 dec 2022	gr/kWh/h	0.4352	0.4091	0.2595	0.2439
Quarterly product **	1 jan 2023 - 31 mar 2023	gr/kWh/h	0.6006	0.5646	0.3276	0.3079
Quarterly product **	1 apr 2023 - 30 jun 2023	gr/kWh/h	0.4755	0.4470	0.2594	0.2438
Quarterly product **	1 jul 2023 - 30 sept 2023	gr/kWh/h	0.4588	0.4313	0.2503	0.2352
Monthly product *	1 oct 2022 - 31 oct 2022	gr/kWh/h	0.4640	0.4362	0.2767	0.2601
Monthly product *	1 nov 2022 - 30 nov 2022	gr/kWh/h	0.5024	0.4723	0.2996	0.2816
Monthly product *	1 dec 2022 - 31 dec 2022	gr/kWh/h	0.5280	0.4963	0.3148	0.2959
Monthly product **	1 jan 2023 - 31 jan 2023	gr/kWh/h	0.7091	0.6665	0.3868	0.3635
Monthly product **	1 feb 2023 - 29 feb 2023	gr/kWh/h	0.6715	0.6312	0.3663	0.3443
Monthly product **	1 mar 2023 - 31 mar 2023	gr/kWh/h	0.6757	0.6352	0.3686	0.3464
Monthly product **	1 apr 2023 - 30 apr 2023	gr/kWh/h	0.5798	0.5450	0.3162	0.2973
Monthly product **	1 may 2023 - 31 may 2023	gr/kWh/h	0.5506	0.5175	0.3003	0.2823
Monthly product **	1 jun 2023 - 30 jun 2023	gr/kWh/h	0.5089	0.4783	0.2776	0.2609
Monthly product **	1 jul 2023 - 31 jul 2023	gr/kWh/h	0.5255	0.4940	0.2867	0.2695
Monthly product **	1 aug 2023 - 31 aug 2023	gr/kWh/h	0.5255	0.4940	0.2867	0.2695
Monthly product **	1 sept 2023 - 30 sept 2023	gr/kWh/h	0.5255	0.4940	0.2867	0.2695

* According to Tariff No 15 for gaseous fuels transmission services

** According to Tariff No 16 for transmission of gaseous fuels.

Product Type	Validity Period	Unit	Entry Interconnection Points		Exit Interconnection Points	
			Standard capacity products for firm capacity	Standard capacity products for interruptible capacity	Standard capacity products for firm capacity	Standard capacity products for interruptible capacity
Daily product *	1 oct 2022 - 31 oct 2022	gr/kWh/h	0.7040	0.6618	0.4198	0.3946
Daily product *	1 nov 2022 - 30 nov 2022	gr/kWh/h	0.7616	0.7159	0.4541	0.4269
Daily product *	1 dec 2022 - 31 dec 2022	gr/kWh/h	0.8032	0.7550	0.4789	0.4502
Daily product **	1 jan 2023 - 31 jan 2023	gr/kWh/h	1.0719	1.0076	0.5847	0.5496
Daily product **	1 feb 2023 - 29 feb 2023	gr/kWh/h	1.0177	0.9567	0.5551	0.5218
Daily product **	1 mar 2023 - 31 mar 2023	gr/kWh/h	1.0261	0.9645	0.5597	0.5261
Daily product **	1 apr 2023 - 30 apr 2023	gr/kWh/h	0.8801	0.8273	0.4800	0.4512
Daily product **	1 may 2023 - 31 may 2023	gr/kWh/h	0.8342	0.7841	0.4550	0.4277
Daily product **	1 jun 2023 - 30 jun 2023	gr/kWh/h	0.7716	0.7253	0.4209	0.3956
Daily product **	1 jul 2023 - 31 jul 2023	gr/kWh/h	0.7967	0.7489	0.4345	0.4085
Daily product **	1 aug 2023 - 31 aug 2023	gr/kWh/h	0.7967	0.7489	0.4345	0.4085
Daily product **	1 sept 2023 - 30 sept 2023	gr/kWh/h	0.7967	0.7489	0.4345	0.4085
Within-Day product *	1 oct 2022 - 31 oct 2022	gr/kWh/h	0.7040	0.6618	0.4198	0.3946
Within-Day product *	1 nov 2022 - 30 nov 2022	gr/kWh/h	0.7616	0.7159	0.4541	0.4269
Within-Day product *	1 dec 2022 - 31 dec 2022	gr/kWh/h	0.8032	0.7550	0.4789	0.4502
Within-Day product **	1 jan 2023 - 31 jan 2023	gr/kWh/h	1.0719	1.0076	0.5847	0.5496
Within-Day product **	1 feb 2023 - 29 feb 2023	gr/kWh/h	1.0177	0.9567	0.5551	0.5218
Within-Day product **	1 mar 2023 - 31 mar 2023	gr/kWh/h	1.0261	0.9645	0.5597	0.5261
Within-Day product **	1 apr 2023 - 30 apr 2023	gr/kWh/h	0.8801	0.8273	0.4800	0.4512
Within-Day product **	1 may 2023 - 31 may 2023	gr/kWh/h	0.8342	0.7841	0.4550	0.4277
Within-Day product **	1 jun 2023 - 30 jun 2023	gr/kWh/h	0.7716	0.7253	0.4209	0.3956
Within-Day product **	1 jul 2023 - 31 jul 2023	gr/kWh/h	0.7967	0.7489	0.4345	0.4085
Within-Day product **	1 aug 2023 - 31 aug 2023	gr/kWh/h	0.7967	0.7489	0.4345	0.4085
Within-Day product **	1 sept 2023 - 30 sept 2023	gr/kWh/h	0.7967	0.7489	0.4345	0.4085

* According to Tariff No 15 for gaseous fuels transmission services

** According to Tariff No 16 for transmission of gaseous fuels.

2. Multipliers and seasonal factors (Article 29 (a) (ii) of the TAR NC)

In accordance with the Communiqué of the President of Energy Regulatory Office No. 11/2021 concerning multipliers, seasonal factors and discounts, referred to in Article 28(1)(a) to (c) of the Tariff Code, to be taken into account in the calculation of tariffs for gaseous fuels transmission services for the period from 1 January 2022 to 31 December 2022 (<https://www.ure.gov.pl/en/markets/gas/nc-tar-consultation-mul/298,Consultation-on-discounts-multipliers-and-seasonal-factors-for-2022-gas-transmis.html>) the following correction coefficients for short-term products will be applied from 1 October till 31 December 2022.

The below presented correction coefficients are mathematical products of multipliers and seasonal factors for certain products types and periods, rounded to second decimal place.

Month	Product type			
	Quarterly	Monthly	Daily	Within-Day
October	2.20	2.20	1.45	1.36
November	2.38	2.38	1.57	
December	2.51	2.51	1.65	
January	2.62	2.62	1.73	1.45
February	2.46	2.46	1.62	
March	2.44	2.44	1.61	
April	2.13	2.13	1.41	1.14
May	1.98	1.98	1.31	
June	1.83	1.83	1.20	
July	1.87	1.87	1.23	1.09
August	1.89	1.89	1.25	
September	1.89	1.89	1.25	

Based on the Communiqué of the President of the Energy Regulatory Office No. 11/2022 regarding the level of the multipliers, seasonal factors and discounts referred to in article 28 (1) (a) to (c) of the TAR NC, to be taken into account in the calculation of tariffs for gaseous fuels transmission services for the period from 1 January 2023 to 31 December 2023 (<https://www.ure.gov.pl/en/markets/gas/consultation2023/308,Consultation-on-discounts-multipliers-and-seasonal-factors-for-2023-gas-transmis.html>) GAZ-SYSTEM uses the following correction coefficients to determine fixed fee rates for short-term services from 1 January till 31 December 2023, rounded to second decimal place.

Month	Product type			
	Quarterly	Monthly	Daily	Within-Day
October	2.18	2.18	1.44	1.36
November	2.35	2.35	1.55	
December	2.51	2.51	1.65	
January	2.57	2.57	1.70	1.44
February	2.44	2.44	1.61	
March	2.46	2.46	1.62	
April	2.11	2.11	1.39	1.14
May	2.00	2.00	1.32	
June	1.85	1.85	1.22	
July	1.91	1.91	1.26	1.10
August	1.91	1.91	1.26	
September	1.91	1.91	1.26	

3. The justification of the President of Energy regulatory office for the level of multipliers (article 29 (a) (iii) of the TAR NC).

In accordance with the Communiqué of the President of Energy Regulatory Office No. 11/2022 concerning multipliers, seasonal factors and discounts, referred to in Article 28(1)(a) to (c) of the Tariff Code, to be taken into account in the calculation of tariffs for gaseous fuels transmission services for the period from 1 January 2023 to 31 December 2023 (<https://www.ure.gov.pl/en/markets/gas/consultation2023/308,Consultation-on-discounts-multipliers-and-seasonal-factors-for-2023-gas-transmis.html>) presented multipliers were set in line with the requirements set out in the TAR NC with regard to existing market conditions (the level of the services offered, the availability of the services provided, the structure of the demand for long-term and short-term services and therefore the structure of the long-term and short-term incomes as well as the development investments conducted and expected changes in demand due to termination of the historical contracts), respecting the principle of balancing the interests of the gas companies and the final customers. The levels applied aim at effective usage of the gas infrastructure enabling financing conducted investments on one hand, and on the other promoting competition on gas market.

The level of the multipliers enable operator the maintenance of the level of long-term services, which provide the stability of the incomes and therefore enable financing the investments and short-term products that allow the system users to balance their portfolios.

Due to the fact that multipliers and seasonal factors are set at equal levels for all entry and exit points to and from the transmission system, all the system users pay equal rates for short-term contract despite the contractual paths. Given the above, the application of the multipliers and seasonal factors has no influence on the cross-subsidisation between system users and cross-border flows.

4. The justification of the President of Energy regulatory office for the usage and level of seasonal factors (article 29 (a) (iv) of the TAR NC).

In accordance with the Communiqué of the President of Energy Regulatory Office No. 11/2022 concerning multipliers, seasonal factors and discounts, referred to in Article 28(1)(a) to (c) of the Tariff Code, to be taken into account in the calculation of tariffs for gaseous fuels transmission services for the period from 1 January 2022 to 31 December 2022 (<https://www.ure.gov.pl/en/markets/gas/consultation2023/308,Consultation-on-discounts-multipliers-and-seasonal-factors-for-2023-gas-transmis.html>) presented seasonal factors were calculated in line with the requirements set out in the TAR NC with regard to existing market conditions (the level of the services offered, the availability of the services provided, the structure of the demand for long-term and short-term services and therefore the structure of the long-term and short-term incomes as well as the development investments conducted and expected changes in demand due to termination of the historical contracts), respecting the principle of balancing the interests of the gas companies and the final customers. The levels applied aim at effective usage of the gas infrastructure enabling financing conducted investments on one hand, and on the other promoting competition on gas market.

Due to the fact that multipliers and seasonal factors are set at equal levels for all entry and exit points to and from the transmission system, all the system users pay equal rates for short-term contract despite the contractual paths. Given the above, the application of the multipliers and seasonal factors has no influence on the cross-subsidisation between system users and cross-border flows.

Moreover the levels of seasonal factors reflect the transmission system flows depending on the market demand for gaseous fuels and have no negative influence on the effective usage of the transmission infrastructure.

5. The valuation of the probability of interruption (article 29 (b) (i), (ii) and (iii) of the TAR NC).

In accordance with the Communiqué of the President of Energy Regulatory Office No. 11/2022 in 2023 for interconnection points with EU countries and with third countries, as well as for internal entry/exit points, the ex-ante methodology referred to in Article 16(1)-(3) of the Tariff Code. Detailed information concerning settlements of standard capacity products for interruptible capacity are set in points 10.3 and 10.4 and concerning interruptible conditionally firm capacity products are set in point 10.7 of the Tariff No. 16.

The reserve prices for standard capacity products for interruptible capacity shall be calculated by multiplying the reserve prices for the respective standard capacity products for firm capacity by the difference between 100 % and the level of an ex-ante discount.

The following level of ex-ante discount will be applied in 2023:

- **6%** for annual, quarterly, monthly, daily and within-day standard capacity products for E-gas, offered at interconnection points with EU countries and with third countries and PWP,
- **2%** for annual, quarterly, monthly, daily and within-day standard capacity products for E-gas and L-gas offered at internal entry/exit points.

The probability of transmission service interruption was estimated based on data concerning capacity bookings in the period from 1 July 2020 to 30 June 2021, in accordance with the methodology described in Article 16(2)-(3) of the Tariff Network Code.