



Publication of the information for tariff year 2021/2022 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. 14 applicable from 1 January till 31 December 2021 and prices resulting from Tariff for gas transmission services No. 15 applicable from 1 January till 31 December 2022 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 2021 - 31 dec 2021	gr/kWh/h	0.3318	0.3119	0.1854	0.1743
Yearly product **	1 jan 2022 - 30 sept 2022	gr/kWh/h	0.3200	0.3008	0.1908	0.1794
Quarterly product *	1 oct 2021 - 31 dec 2021	gr/kWh/h	0.4512	0.4242	0.2521	0.2370
Quarterly product **	1 jan 2022 - 31 mar 2022	gr/kWh/h	0.4640	0.4362	0.2767	0.2601
Quarterly product **	1 apr 2022 - 30 jun 2022	gr/kWh/h	0.3648	0.3429	0.2175	0.2045
Quarterly product **	1 jul 2022 - 30 sept 2022	gr/kWh/h	0.3488	0.3279	0.2080	0.1955
Monthly product *	1 oct 2021 - 31 oct 2021	gr/kWh/h	0.4678	0.4398	0.2614	0.2457
Monthly product *	1 nov 2021 - 30 nov 2021	gr/kWh/h	0.5209	0.4897	0.2911	0.2736
Monthly product *	1 dec 2021 - 31 dec 2021	gr/kWh/h	0.5574	0.5240	0.3115	0.2928
Monthly product **	1 jan 2022 - 31 jan 2022	gr/kWh/h	0.5536	0.5204	0.3301	0.3103
Monthly product **	1 feb 2022 - 29 feb 2022	gr/kWh/h	0.5184	0.4873	0.3091	0.2906
Monthly product **	1 mar 2022 - 31 mar 2022	gr/kWh/h	0.5152	0.4843	0.3072	0.2888
Monthly product **	1 apr 2022 - 30 apr 2022	gr/kWh/h	0.4512	0.4241	0.2690	0.2529
Monthly product **	1 may 2022 - 31 may 2022	gr/kWh/h	0.4192	0.3940	0.2499	0.2350
Monthly product **	1 jun 2022 - 30 jun 2022	gr/kWh/h	0.3840	0.3610	0.2290	0.2152
Monthly product **	1 jul 2022 - 31 jul 2022	gr/kWh/h	0.3936	0.3700	0.2347	0.2206
Monthly product **	1 aug 2022 - 31 aug 2022	gr/kWh/h	0.4000	0.3760	0.2385	0.2242
Monthly product **	1 sept 2022 - 30 sept 2022	gr/kWh/h	0.4000	0.3760	0.2385	0.2242

* According to Tariff No 14 for gaseous fuels transmission services

** According to Tariff No 15 for gaseous fuels transmission services.

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 2021 - 31 oct 2021	gr/kWh/h	0.7067	0.6643	0.3949	0.3712
Daily product *	1 nov 2021 - 30 nov 2021	gr/kWh/h	0.7897	0.7423	0.4413	0.4148
Daily product *	1 dec 2021 - 31 dec 2021	gr/kWh/h	0.8461	0.7953	0.4728	0.4444
Daily product **	1 jan 2022 - 31 jan 2022	gr/kWh/h	0.8384	0.7881	0.4999	0.4699
Daily product **	1 feb 2022 - 29 feb 2022	gr/kWh/h	0.7872	0.7400	0.4694	0.4412
Daily product **	1 mar 2022 - 31 mar 2022	gr/kWh/h	0.7808	0.7340	0.4656	0.4376
Daily product **	1 apr 2022 - 30 apr 2022	gr/kWh/h	0.6816	0.6407	0.4064	0.3820
Daily product **	1 may 2022 - 31 may 2022	gr/kWh/h	0.6336	0.5956	0.3778	0.3551
Daily product **	1 jun 2022 - 30 jun 2022	gr/kWh/h	0.5856	0.5505	0.3492	0.3282
Daily product **	1 jul 2022 - 31 jul 2022	gr/kWh/h	0.5984	0.5625	0.3568	0.3354
Daily product **	1 aug 2022 - 31 aug 2022	gr/kWh/h	0.6048	0.5685	0.3606	0.3390
Daily product **	1 sept 2022 - 30 sept 2022	gr/kWh/h	0.6048	0.5685	0.3606	0.3390
Within-Day product *	1 oct 2021 - 31 oct 2021	gr/kWh/h	0.7067	0.6643	0.3949	0.3712
Within-Day product *	1 nov 2021 - 30 nov 2021	gr/kWh/h	0.7897	0.7423	0.4413	0.4148
Within-Day product *	1 dec 2021 - 31 dec 2021	gr/kWh/h	0.8461	0.7953	0.4728	0.4444
Within-Day product **	1 jan 2022 - 31 jan 2022	gr/kWh/h	0.8384	0.7881	0.4999	0.4699
Within-Day product **	1 feb 2022 - 29 feb 2022	gr/kWh/h	0.7872	0.7400	0.4694	0.4412
Within-Day product **	1 mar 2022 - 31 mar 2022	gr/kWh/h	0.7808	0.7340	0.4656	0.4376
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Within-Day product **	1 jul 2022 - 31 jul 2022	gr/kWh/h	0.5984	0.5625	0.3568	0.3354
Within-Day product **	1 aug 2022 - 31 aug 2022	gr/kWh/h	0.6048	0.5685	0.3606	0.3390
Within-Day product **	1 sept 2022 - 30 sept 2022	gr/kWh/h	0.6048	0.5685	0.3606	0.3390

* According to Tariff No 14 for gaseous fuels transmission services

** According to Tariff No 15 for gaseous fuels transmission services.

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. 14/2020 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 2021 to 31 December 2021 (<https://www.ure.gov.pl/pl/biznes/taryfy-zalozenia/-2019/8439,Konsultacje-w-zakresie-rabatow-mnoznikow-i-wspolczynnikow-sezonowych-do-taryf-na.html>) the following correction coefficients for short-term products will be applied from 1 October till 31 December 2021.

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	2.13	2.13	1.41	1.36
November	2.38	2.38	1.57	
December	2.55	2.55	1.68	
January	2.60	2.60	1.71	1.49
February	2.55	2.55	1.68	
March	2.60	2.60	1.71	
April	2.00	2.00	1.32	1.10
May	1.89	1.89	1.25	
June	1.83	1.83	1.20	
July	1.85	1.85	1.22	1.08
August	1.91	1.91	1.26	
September	1.85	1.85	1.22	

Based on the Communiqué of the President of the Energy Regulatory Office No. 11/2021 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 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>) GAZ-SYSTEM uses the following correction coefficients to determine fixed fee rates for short-term services from 1 January till 31 December 2022, 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	

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. 11/2021 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>) 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. 11/2021 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>) 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. 11/2020 in 2022 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 9.3 and 9.4 and concerning interruptible conditionally firm capacity products are set in point 9.7 of the Tariff No. 15.

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 2022:

- **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 January 2019 to 31 December 2020, in accordance with the methodology described in Article 16(2)-(3) of the Tariff Network Code.