



Publication of the information for tariff year 2020/2021 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).

High-methane gas E subsystem. Prices resulting from Tariff for gas transmission services No. 13 applicable from 1 January till 31 December 2020 are given in **PLN/MWh/h**, prices resulting from Tariff for gas transmission services No. 14 applicable from 1 January till 31 December 2021 are given in **gr/kWh/h**.

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

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.

			Entry Interconnection Points		Exit Interconnection Points	
Product Type	Validity Period	Unit	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 2020 - 31 dec 2020	PLN/MWh/h	3.015	3.015	1.852	1.852
Yearly product **	1 jan 2021 - 30 sept 2021	gr/kWh/h	0.3318	0.3119	0.1854	0.1743
Quarterly product *	1 oct 2020 - 31 dec 2020	PLN/MWh/h	4.174	4.174	2.564	2.564
Quarterly product **	1 jan 2021 - 31 mar 2021	gr/kWh/h	0.4944	0.4647	0.2762	0.2597
Quarterly product **	1 apr 2021 - 30 jun 2021	gr/kWh/h	0.3650	0.3431	0.2039	0.1917
Quarterly product **	1 jul 2021 - 30 sept 2021	gr/kWh/h	0.3583	0.3368	0.2002	0.1882
Monthly product *	1 oct 2020 - 31 oct 2020	PLN/MWh/h	4.459	4.459	2.739	2.739
Monthly product *	1 nov 2020 - 30 nov 2020	PLN/MWh/h	4.809	4.809	2.954	2.954
Monthly product *	1 dec 2020 - 31 dec 2020	PLN/MWh/h	5.071	5.071	3.115	3.115
Monthly product **	1 jan 2021 - 31 jan 2021	gr/kWh/h	0.5674	0.5333	0.3170	0.2980
Monthly product **	1 feb 2021 - 29 feb 2021	gr/kWh/h	0.5574	0.5240	0.3115	0.2928
Monthly product **	1 mar 2021 - 31 mar 2021	gr/kWh/h	0.5674	0.5333	0.3170	0.2980
Monthly product **	1 apr 2021 - 30 apr 2021	gr/kWh/h	0.4380	0.4117	0.2447	0.2300
Monthly product **	1 may 2021 - 31 may 2021	gr/kWh/h	0.4148	0.3899	0.2318	0.2178
Monthly product **	1 jun 2021 - 30 jun 2021	gr/kWh/h	0.3982	0.3743	0.2225	0.2091
Monthly product **	1 jul 2021 - 31 jul 2021	gr/kWh/h	0.4048	0.3805	0.2262	0.2126
Monthly product **	1 aug 2021 - 31 aug 2021	gr/kWh/h	0.4181	0.3930	0.2336	0.2196
Monthly product **	1 sept 2021 - 30 sept 2021	gr/kWh/h	0.4048	0.3805	0.2262	0.2126

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 2020 - 31 oct 2020	PLN/MWh/h	6.766	6.766	4.156	4.156
Daily product *	1 nov 2020 - 30 nov 2020	PLN/MWh/h	7.296	7.296	4.482	4.482
Daily product *	1 dec 2020 - 31 dec 2020	PLN/MWh/h	7.694	7.694	4.726	4.726
Daily product **	1 jan 2021 - 31 jan 2021	gr/kWh/h	0.8627	0.8109	0.4820	0.4531
Daily product **	1 feb 2021 - 29 feb 2021	gr/kWh/h	0.8461	0.7953	0.4728	0.4444
Daily product **	1 mar 2021 - 31 mar 2021	gr/kWh/h	0.8627	0.8109	0.4820	0.4531
Daily product **	1 apr 2021 - 30 apr 2021	gr/kWh/h	0.6636	0.6238	0.3708	0.3486
Daily product **	1 may 2021 - 31 may 2021	gr/kWh/h	0.6271	0.5895	0.3504	0.3294
Daily product **	1 jun 2021 - 30 jun 2021	gr/kWh/h	0.6072	0.5708	0.3393	0.3189
Daily product **	1 jul 2021 - 31 jul 2021	gr/kWh/h	0.6138	0.5770	0.3430	0.3224
Daily product **	1 aug 2021 - 31 aug 2021	gr/kWh/h	0.6337	0.5957	0.3541	0.3329
Daily product **	1 sept 2021 - 30 sept 2021	gr/kWh/h	0.6138	0.5770	0.3430	0.3224
Within-Day product *	1 oct 2020 - 31 oct 2020	PLN/MWh/h	6.766	6.766	4.156	4.156
Within-Day product *	1 nov 2020 - 30 nov 2020	PLN/MWh/h	7.296	7.296	4.482	4.482
Within-Day product *	1 dec 2020 - 31 dec 2020	PLN/MWh/h	7.694	7.694	4.726	4.726
Within-Day product **	1 jan 2021 - 31 jan 2021	gr/kWh/h	0.8627	0.8109	0.4820	0.4531
Within-Day product **	1 feb 2021 - 29 feb 2021	gr/kWh/h	0.8461	0.7953	0.4728	0.4444
Within-Day product **	1 mar 2021 - 31 mar 2021	gr/kWh/h	0.8627	0.8109	0.4820	0.4531
Within-Day product **	1 apr 2021 - 30 apr 2021	gr/kWh/h	0.6636	0.6238	0.3708	0.3486
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Within-Day product **	1 sept 2021 - 30 sept 2021	gr/kWh/h	0.6138	0.5770	0.3430	0.3224

* According to Tariff No 13 for gaseous fuels transmission services

** According to Tariff No 14 for gaseous fuels transmission services.

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

Based on the Communication of the President of the Energy Regulatory Office No 24/2019 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 2020 to 31 December 2020 (<https://www.ure.gov.pl/pl/urząd/informacje-ogólne/komunikaty-prezesa-ure/8174,Komunikat-nr-242019.html>) GAZ-SYSTEM uses the following correction coefficients to determine fixed fee rates for short-term services from 1 January till 31 December 2020, rounded to fourth decimal place.

Month	Product type			
	Quarterly	Monthly	Daily	Within-Day
October	2.2440	2.2440	1.4790	1.3843
November	2.4200	2.4200	1.5950	
December	2.5520	2.5520	1.6820	
January	2.6620	2.6620	1.7545	1.4224
February	2.4200	2.4200	1.5950	
March	2.3100	2.3100	1.5225	
April	2.1780	2.1780	1.4355	1.1430
May	1.9580	1.9580	1.2905	
June	1.8040	1.8040	1.1890	
July	1.8920	1.8920	1.2470	1.0795
August	1.8260	1.8260	1.2035	
September	1.9140	1.9140	1.2615	

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-mnozownikow-i-wspolczynnikow-sezonowych-do-taryf-na.html>) the following correction coefficients for short-term products will be applied from 1 January till 31 September 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	

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 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>) 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 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>) 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 14/2020 in 2021 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. 14.

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 2021:

- 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 October 2017 to 31 December 2019, in accordance with the methodology described in Article 16(2)-(3) of the Tariff Network Code.