

# TAR NC Publication

## PUBLICATION BEFORE THE ANNUAL YEARLY CAPACITY AUCTION

### • RESERVE PRICES

The reserve prices for standard capacity products for firm and interruptible capacity for entry and exit interconnection points valid in gas year 2018/2019.

<i>Product Type</i>	<i>Validity Period</i>	<i>Unit</i>	<b>ENTRY Interconnection Points</b>		<b>EXIT Interconnection Points</b>	
			<i>Standard capacity products for firm capacity</i>	<i>Standard capacity products for interruptible capacity</i>	<i>Standard capacity products for firm capacity</i>	<i>Standard capacity products for interruptible capacity</i>
Yearly product	1 oct 2018 - 31 dec 2018	gr/kWh/h	0.3039	0.3039	0.1649	0.1649
		PLN/MWh/h	3.0390	3.0390	1.6490	1.6490
Yearly product	1 jan 2019 - 30 sept 2019	PLN/MWh/h	3.0150	3.0150	1.8760	1.8760
Yearly product	1 oct 2019- 31 dec 2019	PLN/MWh/h	3.0150	3.0150	1.8760	1.8760
Quarterly product	1 oct 2018 - 31 dec 2018	gr/kWh/h	0.4559	0.4559	0.2474	0.2474
		PLN/MWh/h	4.5585	4.5585	2.4735	2.4735
Quarterly product	1 jan 2019 - 31 mar 2019	PLN/MWh/h	4.8240	4.8240	3.0016	3.0016
Quarterly product	1 apr 2019 -30 jun 2019	PLN/MWh/h	3.3165	3.3165	2.0636	2.0636
Quarterly product	1 jul 2019 - 30 sept 2019	PLN/MWh/h	3.3165	3.3165	2.0636	2.0636
Quarterly product	1 oct 2019 - 31 dec 2019	PLN/MWh/h	4.5225	4.5225	2.8140	2.8140
Monthly product	1 oct 2018 - 31 oct 2018	gr/kWh/h	0.4255	0.4255	0.2309	0.2309
		PLN/MWh/h	4.2546	4.2546	2.3086	2.3086
Monthly product	1 nov 2018 - 30 nov 2018	gr/kWh/h	0.4862	0.4862	0.2638	0.2638
		PLN/MWh/h	4.8624	4.8624	2.6384	2.6384
Monthly product	1 dec 2018 - 31 dec 2018	gr/kWh/h	0.5166	0.5166	0.2803	0.2803
		PLN/MWh/h	5.1663	5.1663	2.8033	2.8033
Monthly product	1 jan 2019 - 31 jan 2019	PLN/MWh/h	5.1255	5.1255	3.1892	3.1892
Monthly product	1feb 2019 - 28 feb 2019	PLN/MWh/h	5.1255	5.1255	3.1892	3.1892

Monthly product	1 mar 2019 - 31 mar 2019	PLN/MWh/h 4.8240	4.8240	3.0016	3.0016
Monthly product	1 apr 2019 - 30 apr 2019	PLN/MWh/h 4.2210	4.2210	2.6264	2.6264
Monthly product	1 may 2019 - 31 may 2019	PLN/MWh/h 3.9195	3.9195	2.4388	2.4388
Monthly product	1 jun 2019 - 30 jun 2019	PLN/MWh/h 3.9195	3.9195	2.4388	2.4388
Monthly product	1 jul 2019 - 31 jul 2019	PLN/MWh/h 3.9195	3.9195	2.4388	2.4388
Monthly product	1 aug 2019 - 31 aug 2019	PLN/MWh/h 3.9195	3.9195	2.4388	2.4388
Monthly product	1 sept 2019 - 30 sept 2019	PLN/MWh/h 3.9195	3.9195	2.4388	2.4388
Monthly product	1 oct 2019 - 31 oct 2019	PLN/MWh/h 4.2210	4.2210	2.6264	2.6264
Monthly product	1 nov 2019 - 30 nov 2019	PLN/MWh/h 4.8240	4.8240	3.0016	3.0016
Monthly product	1 dec 2019 - 31 dec 2019	PLN/MWh/h 5.1255	5.1255	3.1892	3.1892
Daily product	1 oct 2018 - 31 oct 2018	gr/kWh/h 0.8008	0.8008	0.4345	0.4345
		PLN/MWh/h 8.0078	8.0078	4.3451	4.3451
Daily product	1 nov 2018 - 30 nov 2018	gr/kWh/h 0.7233	0.7233	0.3925	0.3925
		PLN/MWh/h 7.2328	7.2328	3.9246	3.9246
Daily product	1 dec 2018 - 31 dec 2018	gr/kWh/h 0.7537	0.7537	0.4090	0.4090
		PLN/MWh/h 7.5367	7.5367	4.0895	4.0895
Daily product	1 jan 2019 - 31 jan 2019	PLN/MWh/h 6.3315	6.3315	3.9396	3.9396
Daily product	1 feb 2019 - 28 feb 2019	PLN/MWh/h 6.0752	6.0752	3.7801	3.7801
Daily product	1 mar 2019 - 31 mar 2019	PLN/MWh/h 5.8793	5.8793	3.6582	3.6582
Daily product	1 apr 2019 - 30 apr 2019	PLN/MWh/h 6.0752	6.0752	3.7801	3.7801
Daily product	1 may 2019 - 31 may 2019	PLN/MWh/h 6.0752	6.0752	3.7801	3.7801
Daily product	1 jun 2019 - 30 jun 2019	PLN/MWh/h 5.8793	5.8793	3.6582	3.6582
Daily	1 jul 2019 - 31				

Daily product	1 jul 2019 - 31 jul 2019	PLN/MWh/h 6.5426	6.5426	4.0709	4.0709
Daily product	1 aug 2019 - 31 aug 2019	PLN/MWh/h 7.2360	7.2360	4.5024	4.5024
Daily product	1 sept 2019 - 30 sept 2019	PLN/MWh/h 7.9445	7.9445	4.9433	4.9433
Daily product	1 oct 2019 - 31 oct 2019	PLN/MWh/h 7.9445	7.9445	4.9433	4.9433
Daily product	1 nov 2019 - 30 nov 2019	PLN/MWh/h 7.1757	7.1757	4.4649	4.4649
Daily product	1 dec 2019 - 31 dec 2019	PLN/MWh/h 7.4772	7.4772	4.6525	4.6525
Within-Day product	1 oct 2018 - 31 oct 2018	gr/kWh/h 0.8008	0.8008	0.4345	0.4345
		PLN/MWh/h 8.0078	8.0078	4.3451	4.3451
Within-Day product	1 nov 2018 - 30 nov 2018	gr/kWh/h 0.7233	0.7233	0.3925	0.3925
		PLN/MWh/h 7.2328	7.2328	3.9246	3.9246
Within-Day product	1 dec 2018 - 31 dec 2018	gr/kWh/h 0.7537	0.7537	0.4090	0.4090
		PLN/MWh/h 7.5367	7.5367	4.0895	4.0895
Within-Day product	1 jan 2019 - 31 jan 2019	PLN/MWh/h 6.3315	6.3315	3.9396	3.9396
Within-Day product	1 feb 2019 - 28 feb 2019	PLN/MWh/h 6.0752	6.0752	3.7801	3.7801
Within-Day product	1 mar 2019 - 31 mar 2019	PLN/MWh/h 5.8793	5.8793	3.6582	3.6582
Within-Day product	1 apr 2019 - 30 apr 2019	PLN/MWh/h 6.0752	6.0752	3.7801	3.7801
Within-Day product	1 may 2019 - 31 may 2019	PLN/MWh/h 6.0752	6.0752	3.7801	3.7801
Within-Day product	1 cze 2019 - 30 cze 2019	PLN/MWh/h 5.8793	5.8793	3.6582	3.6582
Within-Day product	1 lip 2019 - 31 lip 2019	PLN/MWh/h 6.5426	6.5426	4.0709	4.0709
Within-Day product	1 aug 2019 - 31 aug 2019	PLN/MWh/h 7.2360	7.2360	4.5024	4.5024
Within-Day product	1 sept 2019 - 30 sept 2019	PLN/MWh/h 7.9445	7.9445	4.9433	4.9433
Within-Day product	1 oct 2019 - 31 oct 2019	PLN/MWh/h 7.9445	7.9445	4.9433	4.9433
Within-Day product	1 nov 2019 - 30 nov 2019	PLN/MWh/h 7.1757	7.1757	4.4649	4.4649

product	nov 2019	PLN/MWh/h 7.1757	7.1757	4.4047	4.4047
product	Within-Day 1 dec 2019 - 31 dec 2019	PLN/MWh/h 7.4772	7.4772	4.6525	4.6525

Any differences between prices in gr/kWh/h compared to PLN/MWh/h might occur from the round-off for presentation in the above table. We hereby inform that all data presented above has been given for information only and it does not constitute an offer within the meaning of Article 66 and subsequent articles of Polish Civil Code.

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

In case of any inconsistencies between the above information and the Tariff for gaseous fuels for transmission services No. 11 and No. 12, the Tariff shall prevail.

#### • MULTIPLIERS AND SEASONAL FACTORS

Based on the provisions of the Regulation of the Ministry of Energy of 15 March 2018 concerning detailed principles of tariff design and calculation and settlements in gas trade GAZ-SYSTEM uses the following correction coefficients to determine fixed fee rates for short-term services.

Chapter III of the TAR NC, concerning among others multipliers and seasonal factors shall apply as from 31 May 2019.

Correction coefficients				
Month	Product type			
	Quarterly	Monthly	Daily	Within-Day
October	1.5	1.4	2.635	2.635
November		1.6	2.380	2.380
December		1.7	2.480	2.480
January	1.6	1.7	2.100	2.100
February		1.7	2.015	2.015
March		1.6	1.950	1.950
April	1.1	1.4	2.015	2.015
May		1.3	2.015	2.015
June		1.3	1.950	1.950
July	1.1	1.3	2.170	2.170
August		1.3	2.400	2.400
September		1.3	2.635	2.635

In case of any inconsistencies between the above information and the Tariff for gaseous fuels for transmission services No. 11 and No. 12, the Tariff shall prevail.

#### • STANDARD CAPACITY PRODUCTS FOR INTERRUPTIBLE CAPACITY

For interruptible product settled based on Tariff No 11 and Tariff No 12 for gaseous fuel transmission services GAZ-SYSTEM applies the ex-post discount, calculated in accordance with the provisions of the Regulation of the Ministry of Energy of 15 March 2018 concerning detailed principles of tariff design and calculation and settlements in gas trade. According to these rules the applicable capacity tariff for interruptible product is given by the capacity rate and coefficient D. Coefficient D is given by the following formula:  $D=(T-T_0)/T$ , where T - is the number of hours in billing period and  $T_0$  - is the number of hours where the reduction of the contracted capacity occurred in the billing period. If the coefficient D value is lower than 0.05 it is accepted that its value is 0.05.

#### PUBLICATION BEFORE TARIFF PERIOD

Publication document complying with the requirements of the art. 30 of the TAR NC

[Forecasted contracted capacities and amount of gas flow for balancing areas, article 30 \(3\)](#)

[Simplified tariff model for high-methane gas](#)

[Simplified tariff model for low-methane gas](#)

On 6 April 2017 Commission Regulation (EU) 2017/460 of 16 March 2017 establishing a network code on harmonised transmission tariff structures for gas entered into force.

Art. 30 of the Regulation imposes on the transmission system operators publication obligations information concerning parameters used in the applied reference price methodology as well as allowed revenue and costs used and its split ratios used in the reference price methodology no later than thirty days before the respective tariff period.

<b>TAR NC Description</b>	<b>Link</b>	<b>Further information</b>
<b>Art. 30 (1)(a)</b> Information on parameters used in the applied reference price methodology related to the technical characteristics of the transmission system.	<a href="#">Art. 30 (1)(a)</a>	
<b>Art. 30 (1)(b)(i)</b> Information on the allowed and/or target revenue.	<a href="#">Art. 30 (1)(b)(i)</a>	
<b>Art. 30 (1)(b)(ii)</b> Information related to changes in the revenue.	<a href="#">Art. 30 (1)(b)(ii)</a>	
<b>Art. 30 (1)(b)(iii)</b> Information related the following parameters: types of assets, cost of capital, capital and operational expenditures, incentive mechanisms and efficiency targets, inflation indices.	<a href="#">Art. 30 (1)(b)(iii)</a>	Detailed information about the parameters are included in the document referring to the link.
<b>Art. 30 (1)(b)(iv,v)</b> Information on the transmission services revenue including capacity-commodity split, entry-exit split and intra-system/cross-system split.	<a href="#">Art. 30 (1)(b)(iv,v)</a>	Detailed information about the parameters are included in the document referring to the link.
<b>Art. 30 (1)(b)(vi)</b> Information related to the previous tariff period regarding the reconciliation of the regulatory account.	<a href="#">Art. 30 (1)(b)(vi)</a>	
<b>Art. 30 (1)(b)(vii)</b> Information on the intended use of the auction premium.	<a href="#">Art. 30 (1)(b)(vii)</a>	
<b>Art. 30 (1)(c)</b> Information on transmission and non-transmission tariffs accompanied by the relevant information related to their derivation.	<a href="#">Art. 30 (1)(c)</a>	
<b>Art. 30 (2)(a)</b> Information on transmission tariff changes and trends.	<a href="#">Art. 30 (2)(a)</a>	
<b>Art. 30 (2)(b)</b> Information about the used tariff model and an explanation how to calculate the transmission tariffs applicable for the prevailing tariff period.	<a href="#">Art. 30 (2)(b) - gas E</a> <a href="#">Art. 30 (2)(b) - gas Lw</a>	Simplified tariff model for high-methane gas E and simplified tariff model for low-methane gas Lw referring to the links.