

INFORMATION ON PARAMETERS USED IN THE APPLIED REFERENCE PRICE METHODOLOGY RELATED TO THE TECHNICAL CHARACTERISTICS OF THE TRANSMISSION SYSTEM

1. TECHNICAL CAPACITY AT ENTRY AND EXIT POINTS AND ASSOCIATED ASSUMPTIONS, ARTICLE 30 (1) (A) (I)

The table below sets out the total technical capacity of groups of points, which contracted capacity was included in the calculation of the reference prices within the Tariff No 17 for gaseous fuels transmission of the Gas Transmission System Operator GAZ-SYSTEM S.A.

Table. Technical capacity of points included in the Tariff 2024.

Entry/Exit points	Unit	Technical Capacity
Technical Capacity Entry E (high-methane gas)	kWh/h	50,060,437
Technical Capacity Entry UGS (high-methane gas)	kWh/h	25,077,074
Technical Capacity Entry LNG (high-methane gas)	kWh/h	9,471,000
Technical Capacity Entry Lw (low-methane gas)	kWh/h	4,172,654
Technical Capacity Exit E (high-methane gas)	kWh/h	103,512,065
Technical Capacity Exit UGS (high-methane gas)	kWh/h	14,395,079
Technical Capacity Exit Lw (low-methane gas)	kWh/h	3,261,919

2. FORECASTED CONTRACTED CAPACITY AT ENTRY AND EXIT POINTS AND ASSOCIATED ASSUMPTIONS, ARTICLE 30 (1) (A) (II)

The below table sets out aggregated forecasted contracted capacities of long-term and short-term capacities taking account of the duration of service as well as interruptible capacities included in calculation of the reference prices under the Tariff No 17 for gaseous fuels transmission of the Gas Transmission System Operator GAZ-SYSTEM S.A.

Table. Forecasted contracted capacities included in Tariff 2024.

Entry/Exit points	Unit	Contracted Capacity
Contracted Capacity Entry E (high-methane gas)	kWh/h	20,455,950
Contracted Capacity Entry UGS (high-methane gas)	kWh/h	24,827,520
Contracted Capacity Entry LNG (high-methane gas)	kWh/h	7,963,614
Contracted Capacity Entry Lw (low-methane gas)	kWh/h	1,138,602
Contracted Capacity Exit E (high-methane gas)	kWh/h	60,983,529
Contracted Capacity Exit UGS (high-methane gas)	kWh/h	14,947,270
Contracted Capacity Exit Lw (low-methane gas)	kWh/h	2,005,959

3. QUANTITY AND THE DIRECTION OF THE GAS FLOW FOR ENTRY AND EXIT POINTS AND ASSOCIATED ASSUMPTIONS, SUCH AS DEMAND AND SUPPLY SCENARIOS FOR THE GAS FLOW UNDER PEAK CONDITIONS, ARTICLE 30 (1) (A) (III)

Non applicable. GAZ-SYSTEM does neither use the reference price methodology based on the quantity and the direction of the gas flow for entry and exit points nor demand and supply scenarios for the gas flow under peak conditions.

4. STRUCTURAL REPRESENTATION OF THE TRANSMISSION NETWORK WITH APPROPRIATE LEVEL OF DETAIL, ARTICLE 30 (1) (A) (IV)

[See the operating coverage of the Gas Transmission Operator GAZ-SYSTEM S.A. \(joint stock company\) \(Transmission System Map\)](#)

5. ADDITIONAL TECHNICAL INFORMATION ABOUT THE TRANSMISSION NETWORK, SUCH AS LENGTH AND THE DIAMETER OF PIPELINES AND THE POWER OF COMPRESSOR STATIONS, ARTICLE 30 (1) (A) (V)

The below table sets out length and diameter of the pipelines being part of GAZ-SYSTEM asset base for high-methane and low-methane gas.

Table. Length and diameter of the gas pipeline

Pipeline diameter DN	Length [km]	
	High-methane gas (E)	Low-methane gas (Lw)
up to DN 200	1,682	363
DN 250 - 400	2,993	283
DN 500 - 800	5,108	56
DN 1000	1,663	0
TOTAL	11,446	702

The below table sets out quantity and the power of compressor stations, as broken down into high-methane and low-methane gas.

Table. Quantity and the power of compressor stations.

Gas grade	Quantity of compressor stations	Power of compressor stations [MWh/h]
High-methane gas (E)	15	180
Low-methane gas (Lw)	-	-