

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 12 for gaseous fuels transmission services of the Gas Transmission System Operator GAZ-SYSTEM S.A.

Entry/Exit points	Technical Capacity	Unit
Technical Capacity Entry E (high-methane gas)	37,967,218	kWh/h
Technical Capacity Entry UGS (high-methane gas)	25,077,074	kWh/h
Technical Capacity Entry LNG (high-methane gas)	7,576,800	kWh/h
Technical Capacity Entry Lw (low-methane gas)	4,332,079	kWh/h
Technical Capacity Exit E (high-methane gas)	77,710,183	kWh/h
Technical Capacity Exit UGS (high-methane gas)	14,315,079	kWh/h
Technical Capacity Exit Lw (low-methane gas)	3,322,728	kWh/h

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 12 for gaseous fuels transmission services of the Gas Transmission System Operator GAZ-SYSTEM S.A.

Entry/Exit points	Contracted Capacity	Unit
Contracted Capacity Entry E (high-methane gas)	21,552,732	kWh/h
Contracted Capacity Entry UGS (high-methane gas)	21,521,889	kWh/h
Contracted Capacity Entry LNG (high-methane gas)	6,370,890	kWh/h
Contracted Capacity Entry Lw (low-methane gas)	1,375,942	kWh/h
Contracted Capacity Exit E (high-methane gas)	48,267,544	kWh/h
Contracted Capacity Exit UGS (high-methane gas)	12,551,184	kWh/h
Contracted Capacity Exit Lw (low-methane gas)	1,869,884	kWh/h

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)

Length and diameter of the pipelines being part of GAZ-SYSTEM asset base for high-methane and low-methane gas.

Pipeline diameter DN	Length [km]	
	High-methane gas (E)	Low-methane gas (Lw)
up to DN 200	1,915.33	373.20
DN 250 - 400	3,467.72	282.21
DN 500 - 800	4,890.71	56.30
DN 1000	77.28	-
TOTAL	10,351.03	711.71

Quantity and the power of compressor stations, as broken down into high-methane and low-methane gas.

Gas grade	Quantity of compressor stations	Power of compressor stations MWh/h
High-methane gas (E)	15	138
Low-methane gas (Lw)	-	-