

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 16 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)	59,589,691	kWh/h
Technical Capacity Entry UGS (high-methane gas)	25,077,074	kWh/h
Technical Capacity Entry LNG (high-methane gas)	9,471,000	kWh/h
Technical Capacity Entry Lw (low-methane gas)	4,172,654	kWh/h
Technical Capacity Exit E (high-methane gas)	84,061,047	kWh/h
Technical Capacity Exit UGS (high-methane gas)	14,395,079	kWh/h
Technical Capacity Exit Lw (low-methane gas)	3,172,861	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 16 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)	27,075,018	kWh/h
Contracted Capacity Entry UGS (high-methane gas)	24,827,520	kWh/h
Contracted Capacity Entry LNG (high-methane gas)	7,963,614	kWh/h
Contracted Capacity Entry Lw (low-methane gas)	1,178,602	kWh/h
Contracted Capacity Exit E (high-methane gas)	55,867,222	kWh/h
Contracted Capacity Exit UGS (high-methane gas)	14,376,420	kWh/h
Contracted Capacity Exit Lw (low-methane gas)	2,002,880	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	1,682	363
DN 250 - 400	2,998	283
DN 500 - 800	5,063	56
DN 1000	850	0
TOTAL	10,593	702

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)	16	230,7
Low-methane gas (Lw)	-	-