

Pursuant to art. 32 of the Natural Gas Market Balancing Rules in case of objective impossibility for the TSO to undertake balancing actions under art. 31 and the cumulative imbalance in the gas transmission network exceeds the limit set by the TSO which leads to impossibility to physically balance the gas transmission system and/or endangers the overall system safety and operation, the TSO shall take actions in line with chapter VI of the Gas Transmission Networks Operational and Technical Rules and/or Ordinance No. 10/2004 on the procedure for introducing limitation regime, suspension or restriction of production or supply of electricity, heat and natural gas.

In this respect, TSO sets operational limits and exploitation zones of the linepack at the National Gas Transmission Network (NGTN) and the Gas Transmission Network for Transit Transmission (GTNTT) as follows:

Operational limits	GTNTT		NGTN	
	Minimum amount of gas	33 mcm	347 820 MWh*	18 mcm
Maximum amount of gas	43 mcm	543 220 MWh*	23,7 mcm	249 798 MWh*

**NGTN/National balancing zone – exploitational zones of the linepack:**

<b>Zone 1</b>	20 ÷ 22 mcm	210 800 ÷ 231 880 MWh*
<b>Zone 2</b>	19 ÷ 20 mcm and 22 ÷ 23 mcm	200 260 ÷ 210 800 MWh* and 231 880 ÷ 242 420 MWh*
<b>Zone 3</b>	<19 and > 23 mcm	< 200 260 and > 242 420 MWh*

**GTNTT/Transit balancing zone - exploitational zones of the linepack:**

<b>Zone 1</b>	35 ÷ 40 mcm	368 900 ÷ 412 600 MWh*
<b>Zone 2</b>	34 ÷ 35 mcm and 40 ÷ 42 mcm	358 360 ÷ 368 900 MWh* and 421 600 ÷ 442 680 MWh*
<b>Zone 3</b>	<34 and > 42 mcm	< 358 360 and > 442 680 MWh*

,where:

*Zone 1 (Green Zone):* sets the range for normal operation of the network.

*Zone 2 (Yellow Zone):* sets the range where the TSO shall take actions to physically balance the network. The balancing actions aim at recovering the linepack within the limits of Zone 1.

*Zone 3 (Red Zone):* sets a hazardous network status endangering system's integrity. TSO shall take actions to physically limit the natural gas quantities delivered at entries and off-taken at the exits of the network. The limitation regime is introduced in line with the effective rules and regulations.

Maximum gas quantities of the GTNTT are amended by Management Board Decision №290/29.08.2018 г.

\* Energy value is determined on the basis of the formal calorific value valid for October 2018