

## INCREASING THE SERBIAN-HUNGARIAN CAPACITY UP TO MAX. 8.5 BCM/Y (AT 20 °C) CAPACITY WITHOUT PIPELINE DEVELOPMENT



### PROJECT'S AIM

With the availability of the infrastructure related to the Serbian-Hungarian entry capacity up to 6 bcm/y, 8.5 bcm/y entry capacity can be ensured from 1 October 2021 by optimizing the existing infrastructure assets, including other elements of the interconnected natural gas system.

### PROJECT'S DESCRIPTION

- SRB/HU border-Kiskundorozsma pipeline, DN1200, PN75, 15 km,
- Kiskundorozsma metering station + new connection at the node
- New pipeline connections at Városföld node,
- Modification of Városföld node.

### PROJECT'S STATUS IN THE 10-YEAR NETWORK DEVELOPMENT PLAN

Approved project, pursuant to the decision No. H1670/2021. of the Hungarian Energy and Public Utility Regulatory Authority.

### SCHEDULE OF PROJECT IMPLEMENTATION

SRB/HU border-Kiskundorozsma pipeline DN1200, PN75, 15 km  
Kiskundorozsma metering station and new connection at the node

01.10.2021

New pipeline connections at Városföld node  
Modification at Városföld node

01.10.2022

## GAS QUALITY SPECIFICATION

			Gas Quality
Methane (C <sub>1</sub> )	mol %	minimum	≥ 92
Ethane (C <sub>2</sub> )	mol %	maximum	≤ 4
Propane (C <sub>3</sub> ) *	mol %	maximum	≤ 2
i-Butanes (C <sub>4</sub> ) *	mol %	maximum	≤ 1.5
n-Butanes (C <sub>4</sub> ) *	mol %	maximum	
n-Pentane*	mol %	maximum	≤ 0.5
neo-Pentane*	mol %	maximum	
C <sub>6</sub> +	mol %	maximum	≤ 0.2
Nitrogen (N <sub>2</sub> )	mol %	maximum	≤ 2
Carbon dioxide (CO <sub>2</sub> )	mol %	maximum	≤ 1
Oxygen (O <sub>2</sub> )	mol %	maximum	≤ 0.02
<b>Sulphur content</b>			
Hydrogen sulphide	mg/m <sup>3</sup> (n)	maximum	≤ 2
Mercaptan sulfur	mg/m <sup>3</sup> (n)	maximum	≤ 5.6
Total sulfur	mg/m <sup>3</sup> (n)	maximum	≤ 20
<b>Wobbe index</b>			
	kWh/m <sup>3</sup> (n)	minimum	13.59
	kWh/m <sup>3</sup> (n)	maximum	15.37
<b>Gross Calorific Value GCV 25/0 °C</b>			
	kWh/m <sup>3</sup> (n)	minimum	10.8
	kWh/m <sup>3</sup> (n)	maximum	12.2
<b>Water dew point</b>			
Water dew point	C°	at 39.2 barg	-8.0
<b>Hydrocarbone dew point</b>			
Hydrocarbone dew point	C°	at 39.2 barg	0
<b>Natural gas temperature</b>			
	C°	minimum	0
		maximum	38

\* Total value of Propane (C<sub>3</sub>H<sub>8</sub>), Butane (C<sub>4</sub>H<sub>10</sub>), Pentane (C<sub>5</sub>), Hexan (C<sub>6</sub>+) and further to homologous series shall be max 2 % (Mole).

\*\*The Natural Gas shall not contain any extraneous particles and mechanical impurities.