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Poland — Slovakia interconnection

GAZ - SYSTEM FORUM

Eustream – Slovak Gas TSO



Key part of the European infrastructure

- 77.4 bcm/y
 technical capacity of the entry
 point Veľké Kapušany/Budince
- 59.7 bcm/y
 gas transmission in 2018
- 4 compressor stations total installed power 500 MW
- 2,273 km4-5 parallel lines 48"/56"
- 73.5 bars
 maximum operating pressure
- 5th compressor station under construction installed power 46 MW



More than 2 500 bcm of natural gas transmitted since 1972



Project parameters

- Pipeline dimension
 DN 1000
- Length of Slovak part103 km
- Slovak part:
 - 1 Border measuring station
 - 3 Block valve stations
 - Modification of Compressor station





Project schedule

Poland - Slovakia Gas Interconnection	Τ	2018				2019										2020									2021								
	8	9	10 11	1 12	1	2	3	4	5 6	7	8	9	10	11 1	12 1	2	3	4	5 6	5 7	8	9	10	11	12	1	2	3 4	5	6	7 8	9	10 11 12
A. Completion of construction works for the SK part of the Poland-Slovakia interconnection pipeline																																	
A.0) Pressure tests and cleaning & drying of SK pipeline																																	
A.1) Ready for Interconnection at the SK-PL border (to be agreed later on)																																	
A.1.1) Gas filling of the border section (to be agreed in the Interconnection Agreement)																																	
A.2) Testing of interconnector with gas flow in both directions and reparation of eventual defects																																	
A.3) Obtainment of the decision on granting a permit to use the SK pipeline (Final Approval for pipeline)																																	
A.4) Trial operation of SK pipeline if it is required by the SK authority (could be included in decision on granting a permit to use)																																	
B. Modification of CS Veľké Kapušany																																	
Existing elecro-units' parameters test and examination																																	
Documentation for pipeyard modification and adjustment of electro-units and its auxiliary systems (based on test and examination)																																	
													МО	DIFICATIONS OF THE CS VEĽKÉ KAPUŠANY PIPEYA												YARI	D						
Construction works on the CS Velké Kapušany modification																																	ECTIONAI RATION
															IIV	IMPLEMENTATION OF PROJECTS RELATED TO ELECTRO UNITS																	
Commissioning of the SK section of the SK-PL interconnector																												T					



Slovak pipeline section



- 95% of working stripe prepared for construction
- 80% of pipelines delivered
- 06/19 start of pipeline welding works
- 13% of pipelines
 welded
- 9% of pipeline laid



Border metering station Výrava

- Detailed engineering design approved by GAZ-SYSTEM in 07/19
- Degree of construction development is 33%
- Installation of measuring equipment to start in 11/19





Recent milestones & challenges

- Preparatory works for compressor station modification started in 09/19
- Main stage of archeological survey finished in 09/19
- Land reclamation works and tree planting to start in 10/19



 Minor modifications of the working stripe and pipeline installation between Border metering station and the border connection point due to landslides and rocky ground (total length of 1.7 km)

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Thank you for your attention.

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