



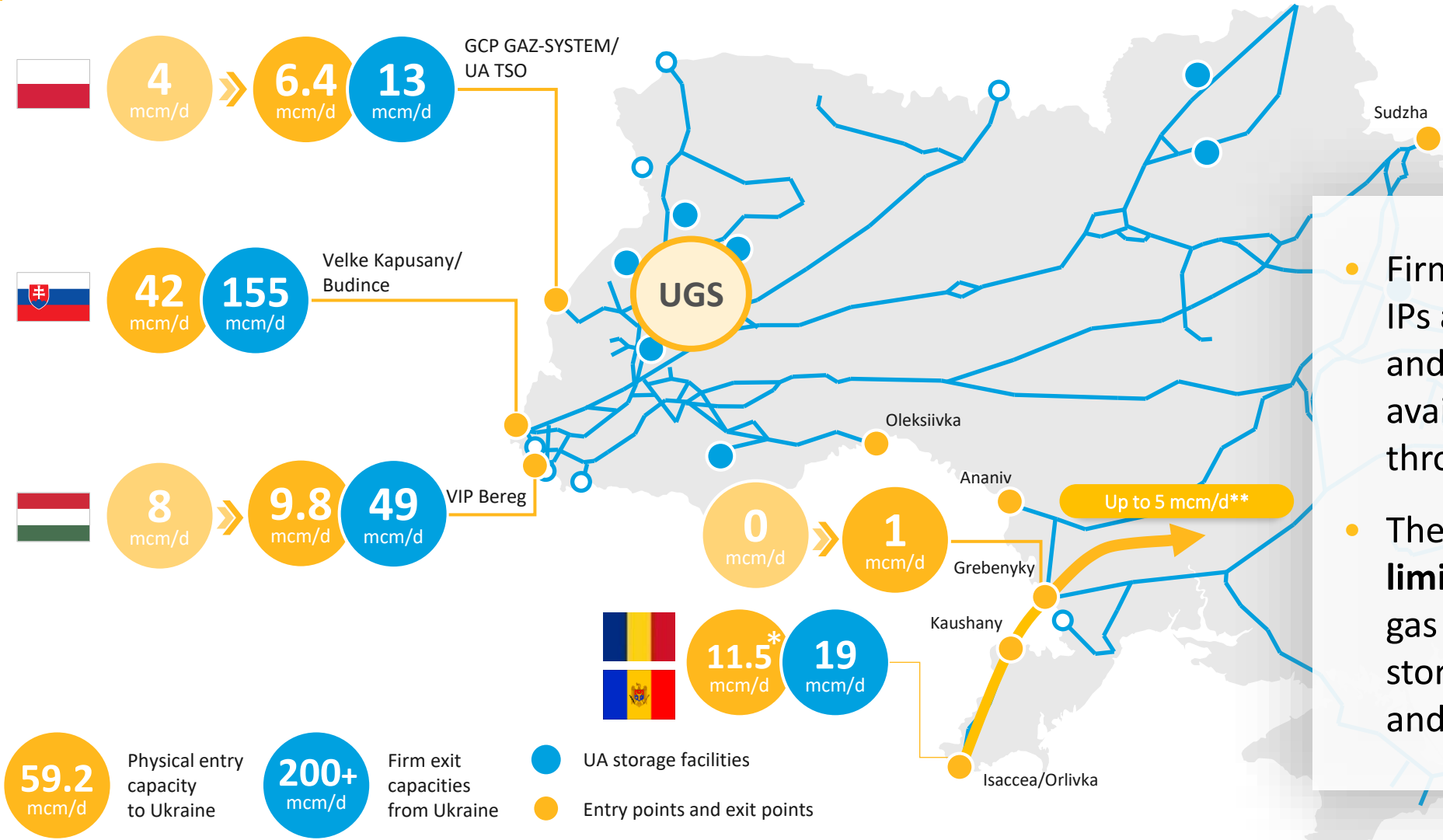
Adapting Gas Transmission System of Ukraine: Connectivity, Optimization and Energy Resilience

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We increase our firm capacities on EU-UA border



- Firm capacities on EU-UA IPs are **unconditional** and not dependent on availability of flows through any other IPs
- There are **no physical limitations** to reexport gas injected into storages back to the EU and MD

* Use of the Trans-Balkan route requires booking the capacity of MD GTS

** Interruptible entry capacity is available as virtual reverse

We develop diversified gas transmission routes to connect and strengthen the EU gas market

North → South

(PL – UA interconnection)

Planned capacity: up to 4,7 bcm

Investments needed:

- PL TSO - construction of 247 km pipe and Hermanowice metering station
- GTSOU - reconstruction of CS Komarno

17,8

Exit firm capacity, bcm

2,9

Entry firm capacity, bcm

+10,0

Potential increased entry firm capacity, bcm



LNG-terminals



South → North

(Transbalkan corridor)

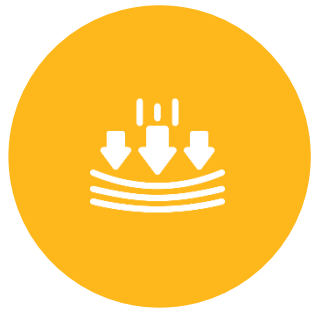
Planned capacity:

- After 1 April 2025: 2,5 bcm
- After 1 April 2026: up to 10 bcm

Investments needed:

- MD TSO – reconstructions of Kaushany metering station
- BG TSO – construction of 61km looping pipe and reversing of CS Kardam
- GTSOU – Reversing of CS Orlivka (*done*) and CS Pivdennobuzka, construction of a pipeline binding at CS Kremenchuk (*ongoing*)

GTSOU is ready for work in a new market environment



Resilience

GTSOU together with Minenergy and Ukrtransgaz under support of USAID ESP and SIMONE conducted **stress-test assessment of gas infrastructure**, which confirmed **high robustness** and **flexibility** of the transmission system.



Redesign

GTSOU initiated implementation of **special maintenance mode for 32 compressor stations** to reflect new market conditions and optimize operations at facilities which is not longer uses in gas transmission.



Efficiency

GTSOU is constantly looking for **optimal modes of operation** of the transmission system to decrease fuel gas. **Reverse mode for 0-transit** flows developed and ready to be implemented. **Modernization of key compressor stations** is ongoing.



Decarbonization

GTSOU is closely cooperating with distribution system operators to define and provide **optimal conditions for connecting biomethane pants**, and increase security of supply in the regions. GTSOU develops **hydrogen route to the EU** to be in line with the EU green transition.



Generation

GTSOU supports resilience of Ukrainian decentralized electricity market and **develops maneuvering gas generation capacities**.

Thank You!

