

*Project of common  
interest:*

**6.8.2**

*PCI fiche*

## CATEGORY

Gas

## CLUSTER

6.8: Cluster of infrastructure development and enhancement enabling the Balkan Gas Hub

## COUNTRIES CONCERNED

Bulgaria(BG)  
Romania(RO)  
Serbia(RS)

## PROMOTERS

Bulgartransgaz EAD (BG)

## PCI WEBSITE(S)

<https://www.bulgartransgaz.bg/en/pages/rehabilitaciya-modernizaciya-i-razshirenje-na-sashtestvuvash-133.html>

## LOCATION

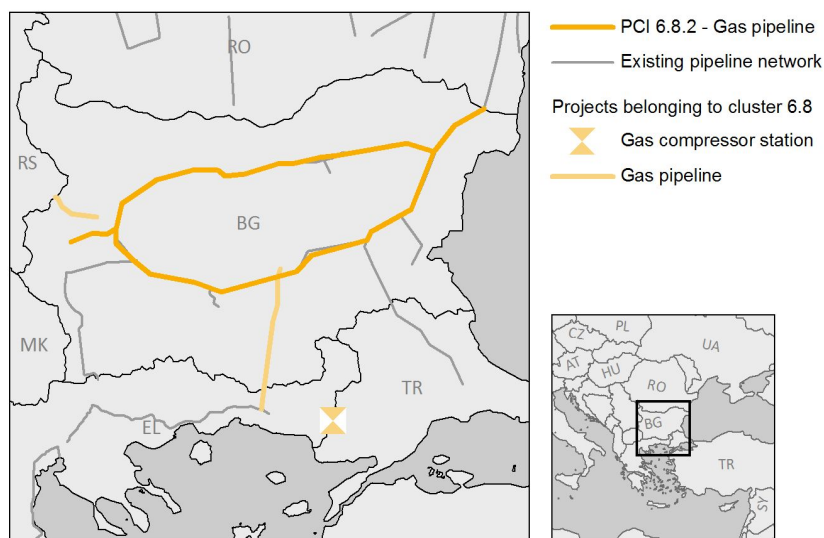
Losenets , Ihtiman, Petrich, Strandja (BG); CS Losenets – Nedyalsko (BG); sections of the North semi-ring of the network, Gorni Bogrov-Novi Iskar, CS Bogrov (BG)

## COMMISSIONING DATE

30/06/2022

# Rehabilitation, modernization and expansion of the Bulgarian transmission system

## North-South gas interconnections in Central Eastern and South Eastern Europe



Source: PLATTS, GISCO, European Commission

## Technical description

PCI 6.8.2 is a complex/multi-component project comprising various activities for the modernization, rehabilitation and expansion of the existing gas transmission infrastructure on the territory of Bulgaria.

- Stage 1: Modernization of 4 compressor stations (CS) (CS Lozenets, CS Ihtiman, CS Petrich, CS Strandja) by integration of 6 gas-turbine compressor units (GTCU); Construction of gas pipeline CS Lozenets –Nedyalsko (20 km, 1000 mm); Carrying out inspections and implementation of systems for optimization of the management process of the network technical condition.

- Stage 2: Second phase of the compressor stations' modernization by integration of 4 gas-turbine compressor units (GTCU) in 3 compressor stations (CS Lozenets, CS Ihtiman, CS Petrich); Large-scale rehabilitation involving replacement of sections of the Northern semi-ring of the gas transmission network of 81 km in total – the rehabilitation/sections' replacement will impact other regional projects (Interconnection Bulgaria-Serbia (IBS), Chiren expansion project), as well as the use of the Interconnection Bulgaria-Romania (IBR); Carrying out inspections.

- Stage 3: Conditional infrastructure necessary after taking the final investment decision for realization of Stage 2 of the project Interconnection Bulgaria-Serbia (IBS), related to the increase of the interconnector capacity from 1.8 to 2.4 bcm/year. The infrastructure to be built includes: Construction of gas pipeline Gorni Bogrov - Novi Iskar of 19 km approximate length and diameter DN 700 and the construction of the CS Bogrov of 20 MW.

## CEF funding

6.25.4-0015-BG-S-M-16: Awarded CEF co-funding: 920,500 EUR

[https://ec.europa.eu/assets/cinea/project\\_fiches/cef/cef\\_energy/6.25.4-0015-BG-S-M-16.pdf](https://ec.europa.eu/assets/cinea/project_fiches/cef/cef_energy/6.25.4-0015-BG-S-M-16.pdf)

6.8.2-0026-BG-S-M-16: Awarded CEF co-funding: 182,000 EUR

[https://ec.europa.eu/assets/cinea/project\\_fiches/cef/cef\\_energy/6.8.2-0026-BG-S-M-16.pdf](https://ec.europa.eu/assets/cinea/project_fiches/cef/cef_energy/6.8.2-0026-BG-S-M-16.pdf)



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## **Rehabilitation, modernization and expansion of the Bulgarian transmission system**

### **North-South gas interconnections in Central Eastern and South Eastern Europe**

6.8.2-0034-BG-W-M-18: Awarded CEF co-funding: 27,184,518.4 EUR  
[https://ec.europa.eu/assets/cinea/project\\_fiches/cef/cef\\_energy/6.8.2-0034-BG-W-M-18.pdf](https://ec.europa.eu/assets/cinea/project_fiches/cef/cef_energy/6.8.2-0034-BG-W-M-18.pdf)

6.8.2-0055-BG-S-M-15: Awarded CEF co-funding: 850,000 EUR  
[https://ec.europa.eu/assets/cinea/project\\_fiches/cef/cef\\_energy/6.8.2-0055-BG-S-M-15.pdf](https://ec.europa.eu/assets/cinea/project_fiches/cef/cef_energy/6.8.2-0055-BG-S-M-15.pdf)

**LAST UPDATE**  
June 2023

Energy

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