

Project of common interest:

6.9.1

COUNTRIES INVOLVED

Greece (EL)

PROJECT PROMOTERS

Gastrade S.A.
DEPA S.A.
www.gastrade.gr
www.desfa.gr

BASIC TECHNICAL DATA

Capacity: 5.5 sustainable, 8.3 peak
Power of the compressor station: 9
Voltage: 9
Length: 28

LOCATION

Region of Thrace (EL) – Sea of Thrace
(NE part of EL), 17.6 km SW from
Alexandroupolis)

COMMISSIONING DATE

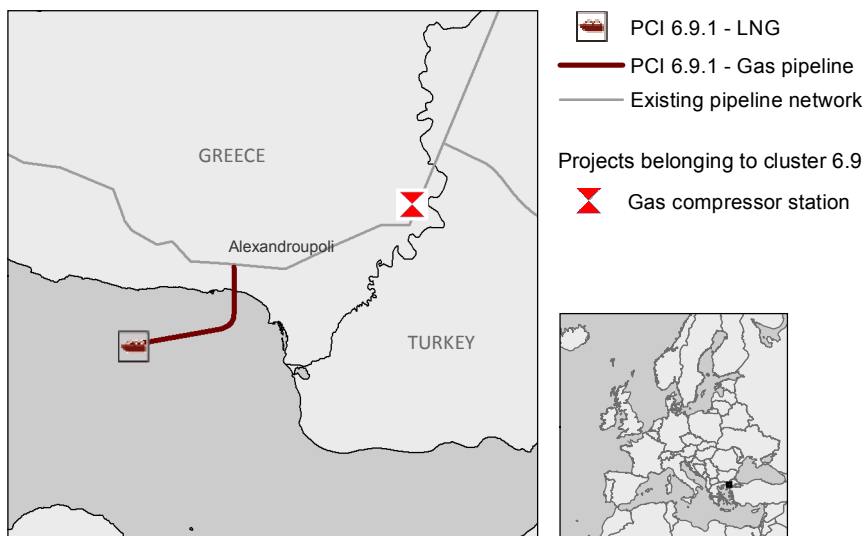
2020

LAST UPDATE

March 2018

Gas interconnection

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



Source: PLATTS, GISCO, European Commission

Definition

6.9.1 - LNG terminal in Northern Greece

Cluster

PCI 6.9.1 - belonging to cluster 6.9: Cluster LNG terminal in Greece

Type of technology employed

New offshore LNG FSRU near Alexandroupolis (mooring position 17.6 km SW of Alexandroupolis port) and a system of subsea and onshore pipeline with a length of 28 km (4 km onshore and 24 km subsea), with a daily send out capacity of 15,1 MCM/day (168,7 GWh/day). The project consists of an LNG offshore Floating Storage and Regasification Unit (FSRU), a Mooring and a pipeline system, connecting the floating unit to the Greek National Natural Gas Transmission System (NNGTS). The FSRU will have a storage capacity of up to 170.000m³ of LNG and a gas send out capacity of up to 900,000 Nm³/h (with out redundancy) corresponding to 8.3 bln Nm³/y. The FSRU will be permanently moored and will connect to the pipeline through two 12" flexible risers. The gas transmission pipeline will have a total length of 28 km (4 km onshore and 24 km subsea), a nominal diameter of 30" and a design pressure of up to 110 barg. The pipeline will be connected to the NNGTS through a Metering and Regulating Station which will be constructed and operated by DESFA, the NNGS TSO. For safety reasons, a line valve station will be built near the shore crossing point. .

Implementation status

Permitting

Financial assistance under the Connecting Europe Facility (CEF)

2014

Front End Engineering Design (FEED) & Preparation of the EPC/ITT dossier

Maximum amount of EU financial assistance: EUR 1,755,000

For more information:

https://ec.europa.eu/inea/sites/inea/files/download/CEF_project_fiches/energy/EL/fiche_6910021elsm14_final.pdf