

APPLICATION TECHNICAL DATA

A. FUTURE TRANSPORTATION CAPACITY RESERVATION DATA

1. Desired starting date of Transportation Services: 30-09-2022

2. Desired end date of Transportation Services: 31-12-2068

4. Future Transportation Capacity Reservation for Gas delivery at Entry Points:

S/N	Entry Point Name	Reserved Transportation Capacity for delivery [MWh/Day]	Maximum Hourly delivered Quantity [MWh/hour]	Minimum Pressure at delivery [barg]	Maximum Pressure at delivery [barg]
1	INGS "DIORYGA GAS"	132000	5500	36	73

B. DELIVERY INSTALLATION DATA AND ESTIMATED YEARLY NATURAL GAS QUANTITY

Brief Technical Description of the Future installation:

The Independent Natural Gas System (INGS) DIORYGA GAS concerns the construction of:

- (a) an offshore LNG terminal, 1,5 km southwest of the existing oil jetty of MOTOR OIL refinery (HELLAS) CORINTH REFINERIES SA. The LNG terminal includes:
 - a Floating Storage and Regasification Unit [FSRU]
 - a floating mooring system/ multi buoy for the fastening of the FSRU from both the stern and bow
- (b) an offshore pipeline, which will shall start at a distance of about 500m from the shore and its length is estimated at about 500m. For safety reasons and protection, part of the pipeline (indicatively at a distance of about 80m from the shore or at a depth of 15m up to the beaching site) shall be inside a backfilled trench. The pipeline exit on the shore and its connection with the onshore pipeline shall be carried out at a plot of land belonging to the MOH Group.
- (c) an onshore pipeline for delivering the natural gas to the National Natural Gas Transmission System (NNGTS) through a new Metering Station. The routing of the onshore pipeline until the connection point will be carried out at a plot of land belonging to the MOH Group.

Regasification Capacity	<p>LNG Regasification Unit: 300-500 m³/hr LNG</p> <p>Supply of NNGTS with Natural Gas through a mean hourly rate: 180,000-300,000 Nm³/hr NG</p> <p>Annually: 1.6 -2.6 bcm</p> <p>Possible capacity increase up to 4 bcm</p> <p>Maximum Hourly up to 470,000m³/h NG (800 Nm³/h LNG)</p>
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The supply of natural gas to the NNGTS will be done through the new metering station at the entry point. The connection of the FSRU to the onshore facilities will be executed through the following steps:

- flexible pipelines design from the FSRU to the PLEM
- metering arrangement at the PLEM to record the quantities coming from the FSRU. Connection to the offshore pipeline (20-inch diameter, 500m length and maximum operating pressure 73 bar)
- connection to the onshore pipeline (20-inch diameter and 1650m length)

1. Timeline of permitting and construction of the new delivery installation

Dioryga Gas has received the INGS License, which gives the right to construct the INGS, according to the provisions of the License itself, Law 4001/2011 and the Licensing Regulation.

After construction, the INGS holder obtains the right to own and operate the INGS.

The estimated time schedule for permitting and construction of the new INGS “Dioryga Gas” will be as follows:

Project realization timeline	
Application to the TSO for future transportation capacity reservation	June 2019
Public consultation on the application for future transportation capacity reservation	July 2019
TSO assessment of the application for future transportation capacity reservation	January 2020
Connection Agreement	March 2020
Basic design and studies to apply for the installation license	March 2020
Licensing process for obtaining the installation license	December 2020
Finalization of connection to DESFA	April 2022
Project financing	December 2022
Project construction	October 2022
• FSRU	October

	2022
• Port works	August 2022
• Subsea pipeline construction	June 2022
• Onshore pipeline construction & connection to the Metering Station	June 2022
Commissioning and preparation for commercial operation	November 2022
Commercial operation	December 2022

2. *Estimated date of operation start up*

Operation startup of the new INGS in December 2022

3. *List of issued Permits or applications for the issuance of permits in relation with the in subject delivery Installation or the subject Connected System as well as any agreements concluded to this end*

The following permits have been applied/will be applied to be acquainted for the new INGS:

Permit	Decision number & Date	Authority
Independent Natural Gas System License	1321/2018 / 21.12.2018	RAE
Registration in the National Natural Gas Transmission System User's Registry	544/2019 / 30/5/2019	RAE