## APPLICATION TECHNICAL DATA

### A. FUTURE TRANSPORTATION CAPACITY RESERVATION DATA

1. **Desired starting date of Transportation Services:** 30-11-2020

2. **Desired end date of Transportation Services:** 31-12-2050

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/ώρα] | Minimum Pressure at delivery [barg] | Maximum Pressure at delivery [barg] |
|---|---|---|---|---|---|
| 1 | «INGS ALEXANDROUPOLIS" New Entry point | 241.056 | 10.044 | 65 | 110 |

### B. DELIVERY INSTALLATION DATA AND ESTIMATED YEARLY NATURAL GAS QUANTITY

The ALEXANDROUPOLIS Independent Natural Gas System (INGS) consists of a complex floating LNG receiving, temporary storage and regasification unit (LNG FSRU) at the sea of Alexandroupolis and a high pressure transmission pipeline 28 km long (24km long offshore and 4km long onshore buried). The high pressure pipeline will connect the INGS to the NNGTS (National Natural Gas Transmission System) at Amfitriti area.

The nominal gas flow is 600.000 Nm3/hour, thus 15 * $10^6$ m3/day, thus 5,5 * $10^9$ m3/ annum, the maximum annular gas flow could be up to 8,3 * $10^9$ m3/ annum. The peak (without redundancy) hourly regasification capacity and injection in the NNGTS will be 900.000 Nm3/hour.

The onshore buried pipeline will be connected to the offshore along the coast at Apalou area. The onshore buried pipeline will span 4 km along the rural area and will be connected to inject gas to the NNGTS Kipi – Komotini brunch pipeline. The onshore high pressure pipeline will be DN 750 (30" equal 762mm), DP 110 barg and consists of three parts as zoning classified: along the coast classified zone 1, along Apalou area with increased pipe wall thickness (20,62 mm) as classified zone 3 and up to Amfitrti Metering & Regulating Station classified zone 1 thus of a smaller pipe wall thickness (14,27mm). Upon completion of the Safety Study (which is part of the prerequisites of the Installation Permit) based on the findings it was decided to install an onshore linevalve station which enables to isolate the onshore gas system from the feeding offshore gas system in case of emergency, e.g. leakage occurs to the onshore pipeline. In such a scenario the onshore linevalve station enables to minimise the gas venting and to minimise the evacuation time.

ALEXANDROUPOLIS INGS has acquainted all required by law permits and licences for the commencement of the construction. Upon completion of construction the Operational Permit will be acquainted as required for the commencement of the commercial operations.

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

The following timeline is estimated for the realization of the project:

| PROJECT REALISATION TIMELINE | |
|---|---|
| MILESTONE | DATE |
| Completion of Engineering FEED (cofunding 50% by EU Financial instrument Connecting Europe Facility) | September 2017 |
| Completion of construction of the onshore high pressure pipeline | July 2020 |
| Completion of construction of the offshore high pressure pipeline and the permanently fixed installations | July 2020 |
| FSRU connection to the pipeline (Hook-up) | November 2020 |
| Operational Testing | November 2020 |
| Commencement of Commercial Operations | December 2020 |

2. *Estimated date of operation start up*

The commencement of commercial operations date is estimated to take place in December 2020.

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

| PERMIT | DECISION, DATE OF ISSUE | MODIFIED by | AUTHORITY |
|---|---|---|---|
| **INDEPENDENT NATURAL GAS SYSTEM** | **Δ1/Α/19466 -19/08/2011**<br>**ΑΔΑ 4ΑΜΦ0-2ΣΠ** | **60/2017 - 26/01/2017**<br>**ΑΔΑ ΨΔΓ3ΙΔΞ-ΕΡ6**<br>**406/2018 – 09/05/2018**<br>**ΑΔΑ 691ΞΙΔΞ-Θ3Θ** | **REGULATORY AUTHORITY FOR ENERGY** |
| **DECISION ON APPROVAL OF ENVIRONMENTAL TERMS** | **181707 -27/03/2013**<br>**ΑΔΑ ΒΕ2Ψ0-ΦΥΚ** | | **MINISTRY OF ENVIRONMENT AND ENERGY** |
| **COASTAL ZONE USE PERMISSION** | **19119 - 23/07/2014**<br>**ΑΔΑ Ω1Ο6ΟΡ1Υ-Υ26** | **35170/14 - 19/01/2015**<br>**ΑΔΑ 7Μ2ΟΟΡ1Υ-Χ72** | **DECENTRALIZED ADMINISTRATION OF MACEDONIA & THRACE** |
| **PERMISSION FOR USAGE OF SEA & SEA BED** | **Δ10Β0012067/7371ΕΞ2014 - 22/09/2014**<br>**ΑΔΑ 7Ρ45Η-ΖΤ4** | | **GENERAL DIRECTORATE OF PUBLIC PROPERTY - MINISTRY OF FINANCE** |
| **SAFETY STUDY- SEVESO III** | **170829 - 20/01/2015 (registered)** | | **MINISTRY OF ENVIRONMENT AND ENERGY** |
| **On land high pressure natural gas pipeline route** | **23328 - 18/12/2014**<br>**Governmental Gazette 3528Β/30-12-2014** | | **MINISTRY OF ENVIRONMENT AND ENERGY** |
| **INSTALLATION PERMIT** | **170830 - 20/01/2015**<br>**ΑΔΑ 7ΠΔΚ0-ΤΕΙ**<br>**Governmental Gazette 164Β/22-01-2015** | | **MINISTRY OF ENVIRONMENT AND ENERGY** |