

## APPLICATION TECHNICAL DATA

### A. FUTURE TRANSPORTATION CAPACITY RESERVATION DATA

**1. Desired starting date of Transportation Services:** 2022

**2. Desired end date of Transportation Services:** 2060

**4. Future Transportation Capacity Reservation for Gas Off-take at Exit Points:**

S/S	Exit Point Name	Reserved Transportation Capacity for Off-take [MWh/Day]	Maximum Hourly Off-taken Quantity [MWh/hour]	Maximum Pressure at off-take [barg]	Minimum Pressure at off-take [barg]
1	IPP-CCGT TERNA KOMOTINI Industrial Area	28.800	1200	66,4	25

### B. OFF-TAKE INSTALLATION DATA AND ESTIMATED YEARLY NATURAL GAS QUANTITY

#### Brief Technical Description

#### **Future installation: new Independent Power Producer Station Combined Cycle Gas Turbines IPP-CCGT**

The Shipper (TERNA SA) will install an Independent Power Producer Station IPP at the industrial area in Komotini for which is requesting to receive natural gas.

Gas will be delivered for the new IPP from the new Exit Point IPP-CCGT TERNA KOMOTINI at NNGS and a new Metering Station will be installed at TERNA SA property where the new IPP-CCGT is going to be installed. The connection with NNGS will be at the High pressure pipeline. The proposed place of the new Metering Station is at the vicinity of the NNGS High pressure pipeline. Thus an interconnecting line of short length (<1000 m) is going to be constructed as well.

The new IPP will be a gas-fired combined cycle thermoelectric unit nominal capacity ISO standards. The maximum capacity factor 62,89% and capacity will be 644 MWe, mean production will be 631 MWe, capacity factor 61,6%. Natural gas annual estimated consumption will be 7.200 GWhs HHV.

#### *1. Timeline of permitting and construction of the new take-off installation*

The estimated time schedule for permitting and construction of the new IPP-CCGT will be as follows:

- Production permit issued in June 2019
- Issuance of Ministerial Decision approval of Environmental terms 10/09/2019
- Issuance of installation permit 10/01/2020
- Issuance of building permit 01/6/2020
- Construction and equipment installation in 30 months after building permit

- Issuance of operational permit 01/4/2023
- Commercial operation 01/06/2023

2. *Estimated date of operation start up*

Operation startup of the new IPP-CCGT KOMOTINI estimated in the end 2022.

3. *List of issued Permits or applications for the issuance of permits in relation with the in subject Off-take 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 IPP:

- Production permit has been issued in June 2019 RAE Decision ref. no. 629/2019 code: O-78177(AΔ-03789) ,

The following applications will be submitted to the competent Authorities in accordance with the time schedule for the acquaintance of permits:

- Ministerial Decision approval of Environmental terms
- Installation permit
- Building permit
- Operational permit

*Regarding agreements that may have been with future customers, the following are valid:*

In accordance with Law the new Independent Power Producer-CCGT KOMOTINI will take part to the electricity wholesale market auctions offering injections in the framework of the Day Ahead market.