

APPLICATION TECHNICAL DATA

A. FUTURE TRANSPORTATION CAPACITY RESERVATION DATA

1. Desired starting date of Transportation Services: 2020

2. Desired end date of Transportation Services: 2055

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	ALUMINION IV	31.200	1300	66,4	25

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

Brief Technical Description

Future installation: new Independent Power Producer Station IPP

The Shipper (MYTILINEOS SA) will install an Independent Power Producer Station IPP at its industrial premises in Agios Nikolaos Viotia (industrial unit Aluminum production and Power Cogeneration unit and existing Independent Power Producer) for which is requesting to receive natural gas.

Gas will be delivered for the new IPP from the new Exit Point ALUMINION IV at NNGS and a new Metering Station will be installed at MYTILINEOS property where the new IPP is going to be installed as well. The connection with NNGS will be at the High pressure branch Mavroneri - Antikira pipeline DN 500. The proposed place of the new Metering Station is at the vicinity of the NNGS High pressure branch. Thus an interconnecting line of short length (<100 m) is going to be constructed DN 350 (estimated).

The new IPP will be a gas-fired combined cycle thermoelectric unit. The nominal capacity will be 666MW (ISO – new and clean), net capacity will be 650 MW, capacity factor 60% to 100% load. Mean annual production 5.000 GWh/year (estimated). Natural gas annual estimated consumption will be 9.700 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 will be as follows:

- Issuance of production permit (the application has been submitted) 30/6/2018
- Issuance of Ministerial Decision approval of Environmental terms 31/12/2018
- Issuance of installation permit 28/2/2019
- Issuance of building permit 30/6/2019
- Construction and equipment installation 30/9/2020
- Testing and checks 1/10/2020 – 31/12/2020
- Issuance of operational permit 1/1/2021
- Commercial operation 1/1/2021

2. *Estimated date of operation start up*

Operation startup of the new IPP in 2020.

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:

- The application for issuance of the production permit has been submitted on 2nd March 2018 RAE ref. no. PAE I-233126/02.03.2018,

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 will take part to the electricity wholesale market auctions offering injections in the framework of the Day Ahead market.