

# **Catalogue of Products for Session 1**

Attachment to Notice of opening of the Annual Subscription Process (Non-Binding and Binding Phase)



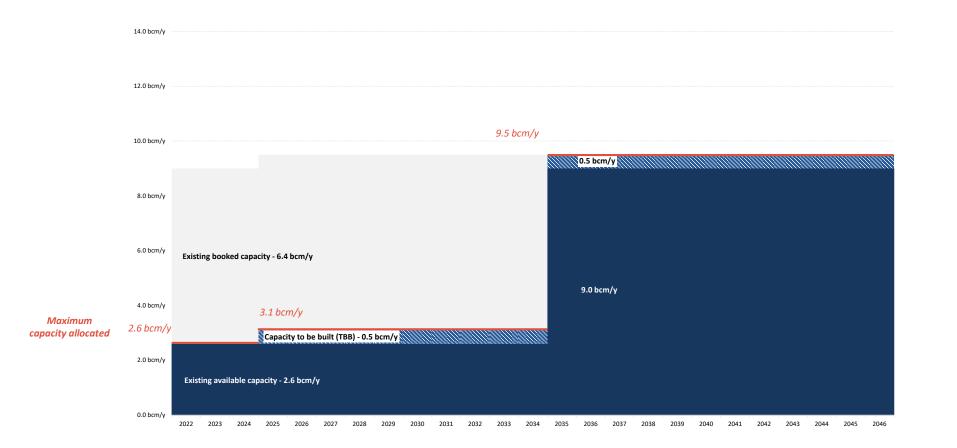


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**Section 1** 

LNG regasification capacity and Products overview The LNG regasification capacity offered in the Open Season is 2.6 bcm/y from 2022 to 2034 and 9.0 bcm/y from 2035 to 2046. Additional TBB capacity of 0.5 bcm/y is offered from 2025-2046



PRODUCTS – Synthesis



This document contains the description of the **16 overlapping Products Adriatic LNG offers for allocation during bidding Phase 2 in December 2021**:

- Type of Capacity: all 16 products are RTPA capacity: 13 out of 16 refer to Current Capacity, while 3 out of 16 are To Be Built (TBB) Capacity Products.
- <u>Duration</u>: Block A Products (total: 3 Products) start in 2022 andend in 2046, Block B Products (total: 3 P.) start in 2022 up to 2034, and Block C Products (total: 10 P.) start in 2035 up to 2046. TBB Products in Blocks A and B expected start is in 2025, if allocated.
- <u>Size</u>: fixed size vary from 1 bcm/year up to 1.6 bcm/year of regassified natural gas. TBB capacity is of 0.5 bcm/year.
- <u>Product tailoring</u>: as detailed in the *Implementing Auction Rules* for Annual Capacity Allocation, in Session 1 Applicants are allowed to submit offers with reduction that are limited in terms of :

- duration for up to last five year duration <u>for Block A</u> <u>Products</u> <u>only</u>; and/or

- yearly volume (based on *Shipping Optimization Percentage* <u>for all</u> <u>Products</u> except TBB Products).

Volume conversion factor for liquid to gas : 611.

Capacity available in 4<sup>th</sup> quarter 2021 and 1<sup>st</sup> quarter 2022 is offered through the infrannual subscription (see publication on <a href="https://www.adriaticlng.it/en/market-area/services/regasification">https://www.adriaticlng.it/en/market-area/services/regasification</a>)

Unless otherwise defined, terms in capital letter have the meaning provided for in the *Regasification Code*, *Implementing Auction Rules for Annual Capacity Allocation*.



Section 2 Block A products

## Block A Products

# Product n. 1 :

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- Duration : 24 years and 9 months ; Volume : constant 1 bcm/year.

*Applicants may reduce overall duration* by requesting term of the service at any moment between Dec. 2041 and Dec. 2046.

*Applicants may reduce yearly volume* within the limit of the Shipping Optimization Percentage

Product	Quantity	Duration	Type of Capacity
Product 1	1 bcm/y	April 2022 to Dec. 2046	Current
	14.0 bcm/y 12.0 bcm/y 10.0 bcm/y 8.0 bcm/y 6.0 bcm/y 4.0 bcm/y 2.0 bcm/y		
Start 2Q2022 Please note the planned maintenance on August 2022 with no availability of the gas redelivery for a total duration of around 27 days and unavailability of the unloading slots for a total period of around 30 days (per website publication)	Product 1 - 1.0 bcm/y	2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046	

#### Block A Products

# Product n. 2 :

- Duration : 24 years and 9 months ; Volume : constant 1,6 bcm/year.

Bidders may reduce overall duration by requesting term of the service at any moment between Dec. 2041 and Dec. 2046.

**Bidders may reduce yearly volume** within the limit of the Shipping Optimization Percentage





#### Block A Products

#### Product n. 3 To be built :

- Duration : 22 years;
- Volume : constant 0,5 bcm/year;
- Permitting and brownfields works needed.

*Applicants may reduce overall duration* by requesting term of the service at any moment between Dec. 2041 and Dec. 2046.

#### To be bundled with at least one product of the same duration.

## Allocated only in case all available capacity is allocated.

Product	Quantity	Duration	Type of Capacity
Product 3	0,5 bcm/y	2025 (subject to conditions) to	To be built (permitting and
		Dec. 2046	brownfield works)

14.0 bcm/y	
12.0 bcm/y	
10.0 bcm/y	
8.0 bcm/y	
6.0 bcm/y	
4.0 bcm/y	
2.0 bcm/y	
0.0 bcm/y	Product 3 TBB - 0.5 bcm/y





Section 3 Block B products

#### Block B Products Product 4

- Duration : 12 years and 9 months ;
- Volume : constant 1 bcm/year.



Applicants may reduce yearly volume within the limit of the Shipping Optimization Percentage

Product	(	Quantity	Duration	Type of Capacity
Product 4		1 bcm/y	April 2022 to Dec. 2034	Current
	12. 10. 8. 6.	.0 bcm/y .0 bcm/y .0 bcm/y .0 bcm/y .0 bcm/y .0 bcm/y		
<ul> <li>Start 2Q2022</li> <li>Please note the planned maintenance of August 2022 with no availability of the gredelivery for a total duration of around days and unavailability of the unloading for a total period of around 30 days (per website publication)</li> </ul>	as <sup>0.</sup> 27	0 bcm/y 10 bcm/y 2022 2023 2024 2025 2026 2027 2028 2029 2030	D 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046	

#### Block B Products Product 5

- Duration : 12 years and 9 months ;
- Volume : constant 1,6 bcm/year.



#### Applicants may reduce yearly volume within the limit of the Shipping Optimization Percentage

Product	Quantity	Duration	Type of Capacity
Product 5	1,6 bcm/y	April 2022 to Dec. 2034	Current

14.0 bcm/y 12.0 bcm/y 10.0 bcm/y 8.0 bcm/y 6.0 bcm/y 4.0 bcm/y 2.0 bcm/y

- Start 2Q2022
- Please note the planned maintenance on August 2022 with no availability of the gas redelivery for a total duration of around 27 days and unavailability of the unloading slots for a total period of around 30 days (per website publication)

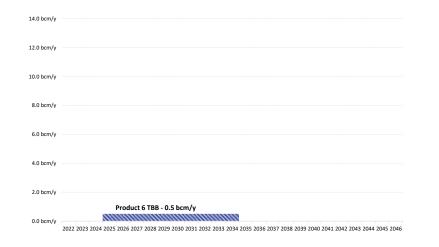
#### Block B Products Product 6

- Duration : 10 years;
- Volume : constant 0,5 bcm/year;
- Permitting and brownfields works needed.

To be bundled with at least one product of the same duration.

Allocated only in case all available capacity is allocated.

Product	Quantity	Duration	Type of Capacity
Product 6	0,5 bcm/y	2025 (subject to conditions)	To be built (permitting and
		to Dec. 2034	brownfield works)







Section 4 Block C products

#### Block C Products

*Product 7 – proposed stand alone or in case a bidder would like a combination with product n.2* 

- Duration : 12 years;
- Volume : constant 1,4 bcm/year.

Applicants may reduce yearly volume within the limit of the Shipping Optimization Percentage



Product	Quantity	Duration	Type of Capacity
Product 7	1.4 bcm/y	Jan. 2035 to Dec. 2046	Current
	14.0 bcm/y		
	12.0 bcm/y		
	10.0 bcm/y		
	8.0 bcm/y		Product stand alone or for combination with
	6.0 bcm/y		Product 2
	4.0 bcm/y		
	2.0 bcm/y		
	0.0 bcm/y 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 20	Product 7 - 1.4 bcm/y 22 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 20	16

#### Block C Products

#### Products 8 to 15 - eight 1.0 bcm/y bands, each band is a product.

- Duration : 12 years;
- Volume : constant 1 bcm/year each Product.

Products 8 to 15 are interchangeable: if two bidders submit access requests for one of these products and pass the RP test, and another of these products is unallocated, then one of the two bidders can automatically be allocated this unallocated product (as it is un-booked and identical to the allocated product).

#### Applicants may reduce yearly volume within the limit of the Shipping Optimization Percentage

Product Quantity Duration Type of Capacity Products 8 to 15 1 bcm/y each Product Jan. 2035 to Dec. 2046 Current 14.0 bcm/y 14.0 bcm/y 12.0 bcm/y 12.0 bcm/y 10.0 bcm/y 10.0 bcm/y 8.0 bcm/y 8.0 bcm/y [...] 6.0 bcm/y 6.0 bcm/y 4.0 bcm/y 4.0 bcm/y 2.0 bcm/y 2.0 bcm/y uct 8 - 1.0 bcm/v 0.0 bcm/y 0.0 bcm/v 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033

Open Energy players Season

Products 8 to 15 are identical: 1.0 bcm/y from Jan 2035 to Dec 2046

#### **Block C Products**

#### Product 16

- Duration : 12 years;
- Volume : constant 0,5 bcm/year;
- Permitting and brownfields works needed.

## To be bundled with other products of the same duration.

## Allocated only in case all available capacity is allocated.



Product	Quantity	Duration	Type of capacity
Product 16	0.5 bcm/y	Jan. 2035 to Dec. 2046	ТВВ
	14.0 bcm/y		
	12.0 bcm/y		
	10.0 bcm/y		
	8.0 bcm/y		
	6.0 bcm/y		
	4.0 bcm/y		
	2.0 bcm/y		
	0.0 bcm/y 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033	Product 16 TBB - 0.5 bcm/y 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046	



**Section 5** 

Shipping Optimization Percentage (SOP)

## **Shipping Optimization Percentage (SOP)**

Adriatic LNG accept and will accept LNG carriers with LNG cargo capacity of 65,000 to 217,000 cubic meters of LNG.

In order to allow for various sizes of LNG carriers an Applicant may use to fit with the Products volume, an Applicant bidder may reduce the yearly volume of the Products within the limit of 5 (five)%. No increase of the capacity of the Products is allowed. SOP do not apply to TBB Products.

As an illustrative example only, one can consider the following conventional quantities of LNGc : Conventional LNGc quantity 143.000 lcm, Large LNGc quantity 174.000 lcm, Super Large LNGc quantity 210.000 lcm, the SOPs the Applicant may request are :

#### ➢ for product 1

- - 3,89% for a combination of 11 Conventional LNGcs
- - 4,32% for a combination of 9 Large LNGcs;
- - 0,35% for a combination of 7 Conventional plus 3 Super Large LNGc
- *for product 2 :* 
  - - 1,71% for a combination of 18 Conventional LNGcs
  - - 0,33% for a combination of 15 Large LNGcs;
  - - 2,39% for a combination of 12 Conventional plus 4 Super Large LNGc
- *For Product 4* 
  - - 3,89% for a combination of 11 Conventional LNGcs
  - - 4,32% for a combination of 9 Large LNGcs;
  - - 0,35% for a combination of 7 Conventional plus 3 Super Large LNGc

Applicants can propose to Adriatic LNG their own LNGcs quantities and make their bids with these.

The Applicant shall make the request of reduction of the yearly volume at the time the Access Request is delivered to the Operating Company. In case the Applicant wins the allocation the volume provided in the Access Request will be the contractual volume.

The Shipping Optimization Percentage applies without prejudice to the operational LNG delivery tolerance (Deviation in excess at the time of the LNG delivery of maximum 10% subject to conditions).





**Section 6** 

Deviation in excess

## LNG volumes Contractual / scheduled / discharged – Deviation in excess

Similarly to the provisions for Spot Users (ref. Chap. III art. 8.12.1 letter b) of the Regasification 3.2) For the **Extra Deviation**, the following charges apply cumulatively:

Code) and to maximize the utilization of the Available Capacity, a deviation in excess of the volume of LNG subscribed may be allowed by the Operating Company to Continuous Users under conditions.

#### 1) Foreseeable deviations and timing for the request:

1.1) **Deviation up to 10 (ten)%** of the volume of LNG subscribed of a single Slot ("**Deviation 10%**"), shall be requested by the User at the latest by the fifth (5) business day prior to the start of the Unloading Slot.

1.2) **Deviation of more than 10 (ten)%** of the volume of LNG subscribed of a single Slot ("**Extra Deviation**") shall be requested by the User no later than the 16th (sixteen) day of the Month preceding the Month of Unloading.

2) Conditions: The conditions to be met to grant the Deviation 10% or the Extra Deviation are:

- no effects on the Subscribed Capacity and / or Redelivery of other Users; and / or
- no effects on the Flexibility Service subscribed by the Users of the Flexibility Service; and / or
- compatibility with the safe and reliable Terminal operations; and / or
- compliance with the Regulations.

The Operating Company will assess whether or not the aforementioned conditions are satisfied and will provide feedback to the User.

#### 3) Charges:

3.1) For the **Deviation 10%,** the following charges apply:

a) on the contractual quantity of LNG: the allocation price;

b) on the quantity of LNG (lcm) exceeding the contractual quantity of LNG within the limit of 10%: the allocation price.

The charges a) and b) will be invoiced without prejudice to the other costs provided for in the Regasification Code. The reference volume for the purpose of determining the charge will be the greater value between the last scheduled quantity of LNG per article 3.3 of Chapter II of the Regasification Code and the quantity of LNG unloaded.

a) on the contractual quantity of LNG: the allocation price;

b) on the quantity of LNG (lcm) exceeding the contractual quantity of LNG: the allocation price + 10 (ten)% of the *cqs* fee approved by ARERA and published by the Operating Company (for example for year 2022 :  $2,628 \in /m3 LNG$ );

c) opportunity cost of the unavailability and allocation costs of the Flexibility Service (valued from time to time, communicated by the Operating Company to the User at the time of the feedback on the request for an Extra Deviation and applied to all Users in the same conditions) within the limits of the maximum tariff for the ancillary service.

#### 4) Technical deviation in excess:

Pursuant to the Regasification Code, the User shall provide a schedule that is the best estimate in good faith of the quantity of LNG that will be actually Unloaded no later than the 16th (sixteenth) day of the Month preceding the Month of Unloading.

4.1) During the Unloading phase, a technical deviation up to a maximum value of **3 (three)%** will be allowed, applicable to the last scheduled volume of LNG per article 3.3 of Chapter II of the Regasification Code, if compatible with the technical requirements of the Terminal ("**Technical deviation**") and must be duly and promptly justified by the User. The Unloading of a quantity of LNG higher than the Technical deviation shall be requested by the User per points 1.1 or 1.2 above and is not permitted without the positive feedback of the Operating Company.

4.2) A User who has been allowed a Deviation 10% and unloads LNG beyond the threshold of the Technical deviation must pay the charges provided for the Extra Deviation on the whole quantity in excess from the last scheduled quantity per article 3.3 of Chapter II of the Regasification Code without prejudice to the other costs referred to in the Regasification Code.

