



CALCULATION OF AVAILABLE FIRM TRANSMISSION CAPACITY AT FUTURE AUCTIONS



How can I in general estimate available firm transmission capacity of NET4GAS at future auctions?

The available firm transmission capacity offered by NET4GAS for the respective interconnection border points on the auction booking platforms is calculated as follows:

- Technical Capacity (continuously being recalculated)
- Contracted Capacity
- Set-aside Capacity¹
- Maintenance of Transmission Capacity
- = **Available Firm Transmission Capacity**

Where can I find the information needed for calculation of available firm transmission capacity?

Information regarding the technical and contracted capacities of the border points is available on our [website](#).

Information on how to calculate Set-aside Capacity is outlined in the answer to the question “How can I calculate Set-aside Capacity?” See the answer to the question below.

The maintenance tables for the respective BPs and months are available on our [website](#).² NET4GAS offers the MAXIMUM available firm transmission capacity for the respective month in the auctions.³

¹ Set-aside Capacity in accordance with the [CAM NC](#) and the respective Decision of the Czech Energy Regulatory Office.

² The tables show the maximum daily interruption and the maximum available daily firm capacity in a given month during maintenance.

³ I.e. in cases where maintenance work affects infrastructure only during some days of the month, the overall maximum capacity that can be offered for the respective month is not affected. A shipper who buys such monthly capacity shall, however, be aware of the maintenance published.

How can I calculate Set-aside Capacity?

The Rules for Set-aside capacities have been set by the Czech Energy Regulatory Office and they differ for the entry and exit border points. The Set-aside Capacity rules are in line with the CAM NC.

Set-aside existing capacities:

Entry Border Points:

- 10 % of technical capacity for annual auctions for the 5 years following the year of the auction
- 5 % of technical capacity for quarterly auctions
- 5 % of technical capacity for monthly auctions
- 5 % of technical capacity for daily auctions

Exit Border Points:

- 10 % of technical capacity for annual auctions for the 5 years following the year of the auction
- 10 % of technical capacity for quarterly auctions

Please note, that in case of incremental Capacity4Gas capacity at entry and exit border points is set aside at the level of 10 % for quarterly auctions.

In order to calculate the available firm capacity for a given period, you need to add the Set-aside capacity parameter of all Set-aside Capacities for period(s) shorter than the period in question, e.g.:

- **Available Monthly Capacity** = technical capacity - contracted capacity – maintenance of firm transmission capacity - Set-aside capacity for daily auctions
- **Available Quarterly Capacity** = technical capacity - contracted capacity – maintenance of firm transmission capacity - Set-aside capacity for monthly and daily auctions

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