

Capacity Products of NaTran Deutschland GmbH (NaTran Deutschland)

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Legend:

FZK	Firm, freely allocable capacity
bFZK	Conditional firm, freely allocable capacity
DZK	Firm, dynamically allocable capacity
uFZK	Interruptible, freely allocable capacity
GÜP	Border crossing point
THE	Trading Hub Europe
PRISMA	Primary- and Secondary Trading Platform (PRISMA European Capacity Platform)
VIP	Virtual Interconnection Point
VTP	Virtual Trading Point

Capacity Products of NaTran Deutschland

For our transport customers, NaTran Deutschland offers the following capacity products via auction at the various booking points:

	Virtual Interconnection Point (VIP)
FZK	✓ (Auction)
bFZK	✓ (Auction)
DZK	✓ (Auction)
uFZK	✓ (Auction)

If day-ahead or within-day FZK, DZK and bFZK capacities are fully booked on a VIP, it is possible to book intraday interruptible capacities via overnomination.

Product name:

FZK at virtual interconnection points
(VIP)

Point types:

Auction-obligatory Points (VIP)

Description:

Enables network usage from the booked entry point to the VTP of the market area (THE) or from the VTP to the booked exit point.

Allocation requirements:

None

Contribution:

The shipper may nominate capacities at entry or exit points to several balancing groups/sub-balancing accounts

Nomination:

Initial nomination of firm capacities by 14:00 on the day before the delivery day.

Nominations are first allocated to firm and then to interruptible capacity products within a balancing group or sub-balancing account.

Renomination:

The initial nomination can be replaced by a renomination with at least a two-hour lead time on the hour. The renomination option is limited if the shipper has firmly booked 10% or more of the designated annual technical capacity (sum of basic capacity and additional capacity) at the booking point:

- Renomination is only possible within a range of 10% to 90% of the total capacity booked by the shipper at the booking point.
- In the case of an initial nomination $\geq 80\%$ of the booked capacity, half of the non-nominated range is permitted for upward renomination.
- In case of an initial nomination $\leq 20\%$ of the booked capacity, half of the non-nominated area is eligible for downward renomination.

The renomination restriction does not apply to day-ahead and intraday capacities.

Marketing:

Via auction on the PRISMA platform.

Fee:

Please refer to the currently valid price sheet of NaTran Deutschland for the fee for these products.

Product name:

bFZK (temp)on VIP

Point types:

Defined VIPs.

Description:

Conditional firm freely allocable capacities are in principle firm as well as freely allocable in the entire market area and have access to the VTP of the market area (THE). The network usage on a firm basis is dependent on a predefined temperature condition. If the previous day's forecast for the daily mean temperature at the Essen weather station is greater than zero degrees Celsius, the bFZK is interruptible.

Nomination:

Initial nomination of bFZK capacities until 14:00 the day before the delivery day. Otherwise, zero shall be the nominated value.

Within a balancing group or sub-balancing account, the nominations are first allocated to the firm and then to the interruptible capacity products.

Renomination:

The initial nomination can be replaced by a renomination with at least a two-hour lead time on the hour. The renomination option is limited if the shipper has firmly booked 10% or more of the designated annual technical capacity (sum of basic capacity and additional capacity) at the booking point:

- Renomination is only possible within a range of 10% to 90% of the total capacity booked by the shipper at the booking point.
- In the case of an initial nomination $\geq 80\%$ of the booked capacity, half of the non-nominated range is permitted for upward renomination.
- In case of an initial nomination $\leq 20\%$ of the booked capacity, half of the non-nominated area is eligible for downward renomination.

The renomination restriction does not apply to day-ahead and intraday capacities.

Interruptions:

The interruption of interruptible capacities must be announced by NaTran Deutschland with a lead time of at least three hours, unless this is not possible for operational reasons.

The interruptible portions of bFZK (rank 3) are interrupted after the part of the renomination of firm capacity (rank 1) and the uFZK (rank 2) that exceeds the permissible range. Within the ranks, interruption takes place according to the chronological order of the conclusion of the contract, starting with the last contract concluded. If two or more contracts were concluded at the same time, the capacity shall be interrupted proportionally based on the capacity booked by the shippers.

Marketing:

By auction procedure on the PRISMA platform.

Fee:

Please refer to the currently valid price sheet of NaTran Deutschland for the fee for these products.

Notes

The forecast temperatures are published on our website at 13:00 the day before.

Product name:

DZK/ DZK1 on VIP

Description:

Allows indirect use of the VTP on an interruptible basis. In addition, grid usage is possible between the point combinations specified in this product data sheet on a fixed basis. Network tested point combinations are published in this Product Data Sheet.

DZK1 capacities are subject to the restriction that only entry and exit points on MEGAL's line system can be used for balancing.

DZK capacities can be balanced with all point combinations mentioned in the product data sheet.

Insertion:

The shipper can contribute capacities at entry or exit points to several balancing groups/sub-balancing accounts.

Nomination:

Initial nomination by 14:00 on the day before the delivery day. Otherwise, zero shall be deemed the nominated value.

Nominations are allocated within a balancing group/sub-balancing account first to firm and then to interruptible capacity products.

Renomination:

The initial nomination can be replaced by a renomination with at least a two-hour lead time on the hour. The renomination option is limited if the shipper has firmly booked 10% or more of the designated annual technical capacity (sum of basic capacity and additional capacity) at the booking point:

- Renomination is only possible within a range of 10% to 90% of the total capacity booked by the shipper at the booking point.
- In the case of an initial nomination $\geq 80\%$ of the booked capacity, half of the non-nominated range is permitted for upward renomination.
- In case of an initial nomination $\leq 20\%$ of the booked capacity, half of the nominated area is eligible for downward renomination. The renomination restriction does not apply to day-ahead and intraday capacity.

Interruption:

DZK is firm capacity to the extent that, in the case of entry capacity at the booked entry point, gas is made available for exit at a pre-determined exit point or, in the case of exit capacity at the booked exit point, gas made available at a pre-determined entry point is withdrawn. Otherwise, the shipper may use booked entry and exit capacity on an interruptible basis.

The interruptible shares of DZK (rank 3) are interrupted after the part of the renomination of firm capacity (rank 1) and the uFZK (rank 2) that exceeds the permissible range. Within the ranks, interruption takes place according to the chronological order of the conclusion of the

contract, starting with the last contract concluded. If two or more contracts were concluded at the same time, the capacity shall be interrupted proportionally based on the capacity booked by the shippers.

Marketing:

DZK are auctioned at certain designated Virtual Interconnection Points on the PRISMA platform. The possible point combinations are part of this document.

Fee:

Please refer to the currently valid price sheet of NaTran Deutschland for the fee for the product.

With the market area merger as of 01 October 2021 to form Trading Hub Europe, the following DZK point combinations will be offered for transit:

Capacity allocation restrictions entry towards exit			exit							
			GRTgaz Deutschland GmbH	GRTgaz Deutschland GmbH	GRTgaz Deutschland GmbH	GRTgaz Deutschland GmbH	GRTgaz Deutschland GmbH	GRTgaz Deutschland GmbH	NEL Gastransport GmbH	Gascade Gastransport GmbH
			VIP Oberkappel/ DZK1	IP Oberkappel/ DZK1	VIP Waidhaus/ DZK1	IP Waidhaus/ DZK1	VIP France-Germany/ DZK / DZK1	IP Medelsheim/ DZK/DZK1	Greifswald/ DZK	Mallnow/ DZK
entry	GRTgaz Deutschland GmbH	VIP Oberkappel/ DZK1			X		X			
	GRTgaz Deutschland GmbH	IP Oberkappel/ DZK1				X		X		
	GRTgaz Deutschland GmbH	VIP Waidhaus / DZK1	X				X			
	GRTgaz Deutschland GmbH	IP Waidhaus/ DZK1		X				X		
	GRTgaz Deutschland GmbH	VIP France-Germany/ DZK / DZK1	X		X					
	GRTgaz Deutschland GmbH	IP Medelsheim/ DZK / DZK1		X		X				
	NEL Gastransport GmbH	Greifswald/ DZK	X*	X*	X*	X*	X*	X*		
	Gascade Gastransport GmbH	Mallnow/ DZK	X*	X*	X*	X*	X*	X*		

x For this point-to-point connection (entry towards exit), the use of dynamically allocable capacity (DZK) is possible on a firm basis, provided that the conditions in accordance with Section 9 Number 3 of the General Terms and Conditions for the Entry-Exit Contract (entry-exit-System)
 * Due to physical restriction at the network point Gernsheim the capacity for this route is limited to 4,4 GWh/h

It should be noted that corresponding DZK capacities at IP Mallnow and IP Greifswald are offered by GASCADE Gastransport GmbH and at VIP Waidhaus and VIP Oberkappel by Open Grid Europe GmbH.

Product Name:

uFZK at Virtual Interconnection Points (VIP).

Point types:

Auction-obligatory Points (VIP)

Description:

Allows network usage from the booked entry point to the VTP of the market area (THE) or from the VTP to the booked exit point.

Allocation requirements:

None

Entry:

The shipper may contribute capacities at entry or exit points to several balancing groups/sub-balancing accounts.

Nomination:

Nominations are allocated within a balancing group/sub-balancing account first to firm and then to interruptible capacity products.

Renomination:

The initial nomination can be replaced by a renomination with at least a two-hour lead time on the hour.

Interruption:

The interruption of interruptible capacities must be announced by NaTran Deutschland with a lead time of at least three hours, unless this is not possible for operational reasons.

The order of priority of the interruption corresponds to the reverse booking order, starting with the last contract concluded. Interruptible capacities auctioned at the same time will be reduced proportionally.

Marketing:

By auction on the PRISMA platform.

Fee:

Please refer to the currently valid price sheet of NaTran Deutschland for the fee for these products.