

Appendix 1

Supplementary Terms and Conditions (STC-EE) of Gastransport Nord GmbH (GTG)

Valid for network access for shippers from 1 January 2021

Important Legal Notice for English Version

This text shall be governed by and construed in accordance with the laws of Germany. The English version of this text serves only for information and is not part of this legal transaction. Therefore, in the event of any inconsistency between the German and the English version, only the German version shall apply.

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Purpose of this STC-EE

This STC-EE expands on the provisions of the "General Terms and Conditions for the Entry/Exit System of Gastransport Nord GmbH", or GTC-EE. The GTC-EE corresponds to the model contract in Appendix 1: Terms and Conditions for the Entry/Exit System of the "Cooperation agreement between operators of gas supply networks located in Germany" in the amended version dated 31 March 2020, which comes into effect on 1 October 2020, or "KoV XI" for short.

Section 1 General payment terms

GTG invoices customers as follows:

- a. GTG invoices the shipper monthly at the fees specified in the price sheet published at www.gtg-nord.de plus any other fees as stated in GTC-EE Section 25. The invoice is dated on the first working day of the current shipping month.
- b. Once the shipping month is over, all other fees that have yet to be charged, such as capacity contracts signed in the course of the month, overrun fees, etc., are invoiced. If there is no change in the amount billed as per a. (above), no additional invoice will be mailed.

Section 2 Capacity products of GTG

GTG provides the following capacity products in accordance with Section 9 (1) of GTC-EE:

- a. **Freely allocable exit capacity (FZK)**
Capacities as defined in Section 9 (1) b GTC-EE
- b. **Freely allocable entry capacity for biogas (FZK)**
Capacities as defined in Section 9 (1) c GTC-EE
- c. **Conditional, firm freely allocable entry and exit capacity (bFZK)**
This capacity type allows use of the network on a firm basis from bookable entry points to the virtual trading point provided certain temperature conditions are met (cf. Section 3 below).
- d. **Firm, dynamically allocable entry capacity (DZK):**
Capacities as defined in section 9 (1) f GTC-EE.
- e. **Interruptible capacities (UK)**
Capacities as defined in section 9 (2) GTC-EE.

Section 3

Special nomination rules for capacity product $bFZK_{temp}$

1. GTG offers the capacity product $bFZK_{temp}$ at entry as well as exit points with different temperature conditions (as of 1 January 2021 $bFZK_{temp}$ will firstly be offered at exit points "Zone UGS EWE L-Gas" and "Zone UGS EWE H-Gas"). For the capacity product $bFZK_{temp}$ at all entry points the temperature conditions as described in subsection 5 are relevant, whereas the temperature conditions relevant for the exit points are defined in subsection 6. These conditions are based on temperature forecasts published on day D-1 as forecasted daily average temperatures for delivery day D. The amount of firm network use for delivery day D is calculated by multiplying the booking amount with the published temperature factor F_T based on the relevant daily average temperature for delivery day D. GTG will publish the respective temperature factor F_T relevant for the gas day D on day D-1 by no later than 1:30 pm at GTG's transparency platform <https://b2b-prod.gtg-nord.de/publication/>.
2. Temperature factor $F_{T(Entry)}$ applies to the capacity product $bFZK_{temp}$ which is offered at the following entry points:
 - Oude Statenzijl
 - Zone UGS EWE L-Gas (Entry)
 - Zone UGS EWE H-Gas (Entry)
3. Temperature factor $F_{T(exit)}$ applies to the capacity product $bFZK_{temp}$ which is offered at the following exit points:
 - Zone UGS EWE L-Gas (Exit)
 - Zone UGS EWE H-Gas (Exit)
4. Relevant temperature data are determined
 - on day D-1 at 10:00 a.m. by the German Weather Service ("DWD"),
 - for the reference temperature location DWD weather station 10210 Friesoythe,
 - as a forecasted daily average temperature for the customer group Energy Business ("Energiewirtschaft"),
 - for calendar day D.

If GTG does not receive any updates of the temperature forecast for gas day D the last available temperature value will be carried out as replacement value.

This temperature information must be rounded commercially without decimal places. The temperature factors F_T for gas day D can be read from the tables below based on the forecasted average daily temperature.

5. The temperature factor $F_{T(\text{entry})}$, based on the corresponding daily average temperature forecast in °C, is as follows:

Temperature forecast (°C) for D	Temperature factor ($F_{T(\text{entry})}$)	Temperature forecast (°C) for D	Temperature factor ($F_{T(\text{entry})}$)
≤ -12	1	3	0,554483609
-11	0,970298907	4	0,524782516
-10	0,940597815	5	0,495081424
-9	0,910896722	6	0,465380331
-8	0.881195629	7	0.435679238
-7	0.851494536	8	0.405978145
-6	0.821793444	9	0.376277053
-5	0.792092351	10	0.34657596
-4	0.762391258	11	0.316874867
-3	0.732690165	12	0.287173774
-2	0.702989073	13	0.257472682
-1	0.67328798	14	0.227771589
0	0.643586887	15	0.198070496
1	0.613885795	≥ 16	0.168369404
2	0.584184702		

These temperature factors are relevant for following entry points:

- Oude Stanzijl
- Zone UGS EWE L-Gas (entry)
- Zone UGS EWE H-Gas (exit)

6. The temperature factor $F_{T(\text{exit})}$, based on the corresponding daily average temperature forecast in °C, is as follows:

Temperature forecast T in °C for D	Temperature factor $F_{T(\text{Exit})}$
$T \geq 16$	1.0
$7 \leq T < 16$	0.5
$2 \leq T < 7$	0.2
$T < 2$	0.0

These temperature factors are relevant for following exit points:

- Zone UGS EWE L-Gas (exit)
- Zone UGS EWE H-Gas (exit)

Section 4

Special nomination rules for capacity product DZK

1. The capacity type DZK can be used
 - a) as firm capacity with allocation requirements or
 - b) as interruptible capacity (UK).

With nomination of the respective allocable exit points the shipper decides itself how it is using the DZK entry capacity.

2. The shipper shall use DZK as firm entry capacity with allocation requirements (DZK_f with allocated exit) provided that the following conditions are met:
 - a) The shipper nominates DZK at one or more entry points, and
 - b) the shipper nominates capacities at the respective exit points for the same period and the same balancing group or subbalancing account.

The following table shows the possible allocation requirements which make the corresponding DZK proportion firm based on the correlation between nominations at the entry and exit point:

Entry points (EP)	Allocable exit points (AP)
Oude Statenzijl (Entry)	Zone UGS EWE L-Gas (Exit)
Zone UGS EWE L-Gas (Entry)	VIP-TTF-GASPOOL-L (Exit)*

* The marketing of the capacities at the VIP-TTF-GASPOOL-L is carried out by Gasunie Deutschland Transport Services GmbH.

3. Nominations of DZK will be accepted but treated as interruptible capacity (DZK_u) if the shipper does not fulfil the conditions in the subsection above, e.g. by nominating interruptible exit capacities (UK).