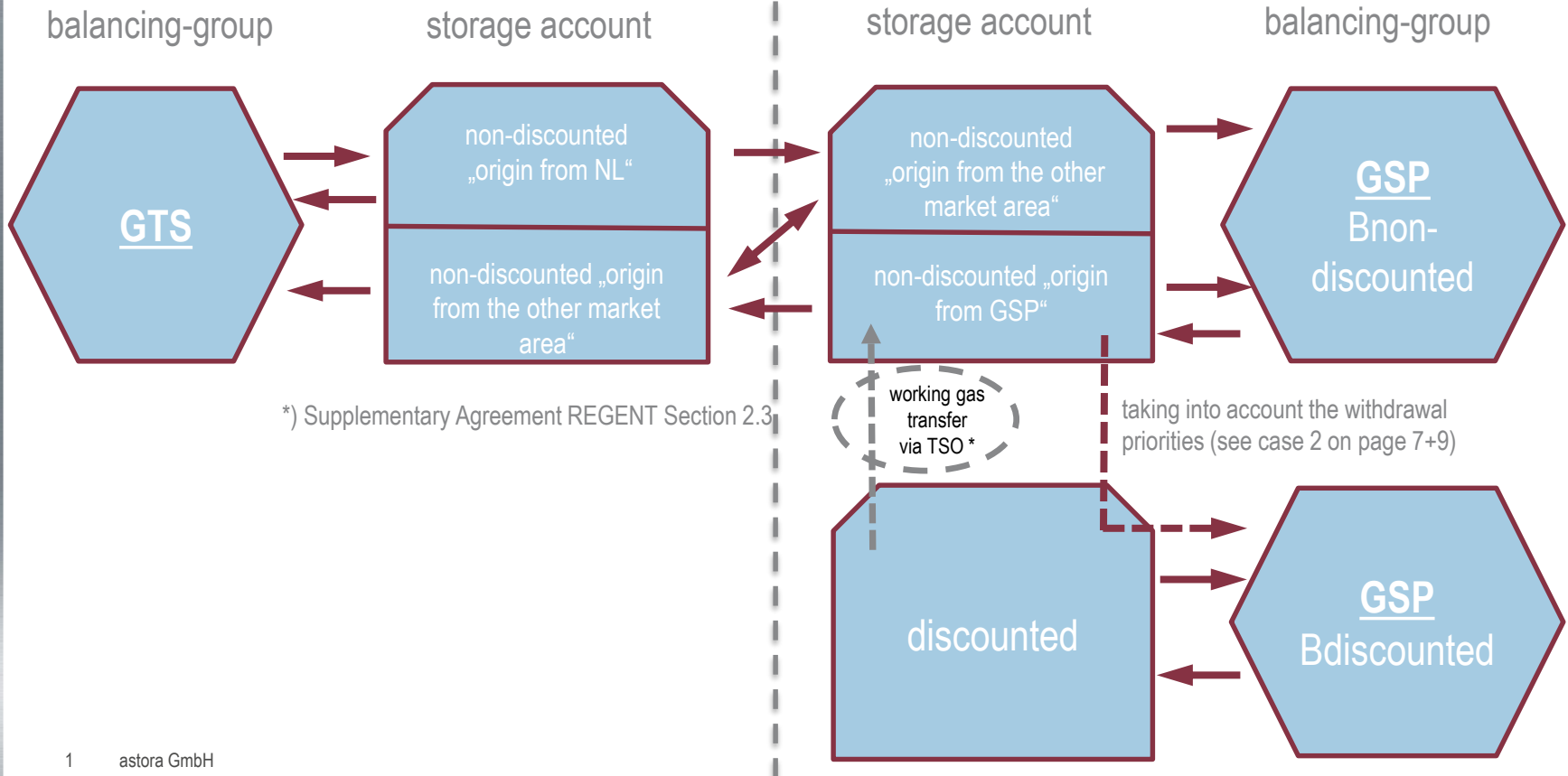


REGENT – JEMGUM

GENERALL POSSIBILITIES

NL

D



REGENT – JEMGUM

WORKING GAS TRANSFER VIA STORAGE-PORTAL

Internal transfer

External transfer

S	T	Storage accounts	kWh
<input type="radio"/>	<input type="radio"/>	NR GASPOOL (GASCADE)	<input type="text" value="0"/> i <input checked="" type="checkbox"/> 0 i <input type="checkbox"/> 0 i
	<input type="radio"/>	R GASPOOL (GASCADE)	<input type="text" value="67,493,600"/> i <input checked="" type="checkbox"/>
<input type="radio"/>	<input type="radio"/>	NR TTF (GTS)	<input type="text" value="1,407,200"/> i <input checked="" type="checkbox"/> 1,407,200 i <input type="checkbox"/> 0 i

1. Determine type of transfer
2. Choose source
3. Choose target
4. Enter transfer quantity

with origin from the other market area

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WORKING GAS TRANSFER VIA STORAGE-PORTAL

Within one market area

For quantities previously stored from a market area:

These quantities can be transferred via storage-portal at any time by the storage customer on an account-specific basis (discounted and non-discounted).

Transfer of quantities from “GSP Bdiscounted” to “GSP Bnon-discounted” (see Supplementary Agreement REGENT Section 2.3) are subject to the following regulation:

1. Rebooking duration: minimum one gas day (6 a.m to 6 a.m.)
2. Independent of the process of the TSO, astora have to receive the “rebooking request” for D from the TSO latest D-1 (2 p.m)
3. astora will transfer the working gas volume latest D-1 (6 p.m) to the storage account “non-discounted origin from GSP“
4. Calculation of the working gas volume: capacity amount (kWh/h) * 24 * rebooking duration (d)

REBOOKING REQUEST

- Gascade -

Request for invoicing of fees for discounted gas quantities

In accordance with the requirements of the Bundesnetzagentur's decisions regarding the regular determination of the Reference price method of 29.03.2019 (BK9-18/611-GP; digit 393 ff.; valid from 01.01.2020) it is not necessary for shippers, who have stored gas via discounted capacities in the storage of EWE Gasspeicher GmbH or astora GmbH & Co. KG and are subsequently willing to transport this gas into the market area of NCG or the Netherlands (TTF), to book capacities from GASCADE Gastransport GmbH (hereinafter referred to as "GASCADE"). At the shipper's request, the fees may instead be invoiced at the affected store. GASCADE uses as a basis a corresponding invoicing tariff for discounted Entry capacities and non-discounted Exit capacities.

The following network points are affected:

Grid point - ID	ETSO/EIC-Code MaLo-ID	Grid Point	Flow direction	Type of grid point	Storage operator
1BMA	21Z00000000268D	Jemgum I	Exit	Storage	astora GmbH & Co. KG
1BMA	21Z00000000268D	Jemgum I	Entry	Storage	astora GmbH & Co. KG
1BQA	21Z00000000267F	Nüttermoor	Exit	Storage	EWE GASSPEICHER GmbH
1BQA	21Z00000000267F	Nüttermoor	Entry	Storage	EWE GASSPEICHER GmbH
1BRA	21Z00000000269B	Jemgum III	Exit	Storage	EWE GASSPEICHER GmbH
1BRA	21Z00000000269B	Jemgum III	Entry	Storage	EWE GASSPEICHER GmbH

For the application, the following standard form must be completed in full and sent to operations@gascade.de.

The following requirements must be considered:

- The lead time is up to 3 business days
- The duration is at least one gas day and always whole gas days
- The capacity is expressed in whole kWh/h.

GASCADE will check the application and, if the above conditions are met, forward it to the appropriate storage operator and invoice the relevant fee to the transport customer in accordance with the currently valid price list of GASCADE.

This document is issued in German and English. In the event of any inconsistencies between the German and English versions, the German version shall take precedence.

Binding application for invoicing of fees for discounted gas quantities

Contact

Company name: _____
 Name: _____
 Address: _____

 E-Mail-Address: _____
 Phone: _____

Requested invoicing

Affected Storage: _____
 Grid point-ID: _____
 Marketarea: GASPOOL
 Capacity amount: _____ kWh/h
 Runtime start: _____
 Runtime end: _____

I hereby accept the terms and conditions for the entry and exit contract of GASCADE Gastransport GmbH in their current version as well as the current price list of GASCADE Gastransport GmbH.

Location, Date: _____ Stamp, Signature: _____

This form must be sent in full to operations@gascade.de

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WORKING GAS TRANSFER VIA STORAGE-PORTAL

Across market areas

Quantities injected from one market area could be transferred to the other market area via storage-portal, **but**:

a further re-transfer of these quantities may be amended only by written request to Astora (Email: operations@astora.de) with a lead time of 2 hours.

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WITHDRAWAL OF WORKING GAS VOLUME

Basic rules

- Automatically access to further storage accounts
- No access to storage accounts of the other market area
- „Mismatch“: nomination > sum of volume within storage accounts

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WITHDRAWAL OF WORKING GAS VOLUME

Priorities

Case 1: Use of non-discounted transport capacity or GTS transport capacity

priority	storage account: non discounted
1	origin from the other market area
2	origin from GSP <u>or</u> origin from NL

Case 2: Use of discounted transport capacity

priority	storage accounts
1	discounted
2	non-discounted: origin from GSP

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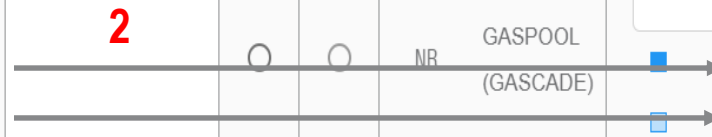
WITHDRAWAL OF WORKING GAS VOLUME

Priorities: Example: Case 1 (Gascade 100)

„former“ storage level

storage level „afterwards“

S	T	Storage accounts	kWh
<input type="radio"/>	<input type="radio"/>	NR GASPOOL (GASCADE)	<input type="text" value="170"/> i <input checked="" type="checkbox"/> 100 <input type="checkbox"/> 70
	<input type="radio"/>	R GASPOOL (GASCADE)	<input type="text" value=""/> i <input checked="" type="checkbox"/>
<input type="radio"/>	<input type="radio"/>	NR TTF (GTS)	<input type="text" value=""/> i <input checked="" type="checkbox"/> <input type="checkbox"/>



S	T	Storage accounts	kWh
<input type="radio"/>	<input type="radio"/>	NR GASPOOL (GASCADE)	<input type="text" value="70"/> i <input checked="" type="checkbox"/> 70 <input type="checkbox"/> 0
	<input type="radio"/>	R GASPOOL (GASCADE)	<input type="text" value=""/> i <input checked="" type="checkbox"/>
<input type="radio"/>	<input type="radio"/>	NR TTF (GTS)	<input type="text" value=""/> i <input checked="" type="checkbox"/> <input type="checkbox"/>

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WITHDRAWAL OF WORKING GAS VOLUME

Priorities: Example: Case 2 (Gascade 100)

„former“ storage level

storage level „afterwards“

