

Annex: Technical Framework Conditions

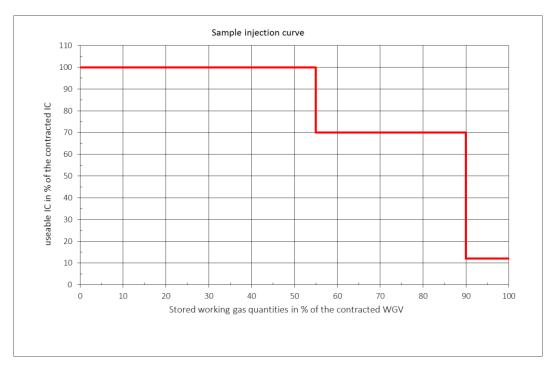
to the general terms and conditions for access to the natural gas storage facilities operated by RWE Gas Storage West GmbH (RGSWest)

Preamble

The utilization of the storage capacities maintained for the storage customer pursuant to the storage contract is limited by the technical framework conditions described in this Annex which are contingent on technical and usage-contingent parameters. Such technical and usage-contingent parameters include inter alia the mode of operation of the storage facility, the actually stored natural gas volumes, the actual gas qualities and the mode of operation of the network operator adjacent to the storage facility.

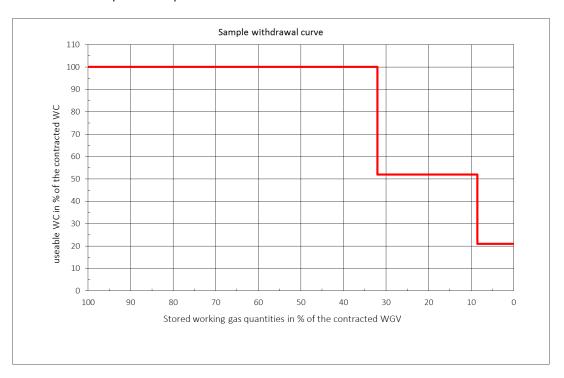
§ 1 Injection and Withdrawal Rate Curves

- (1) The utilization of the maintained storage capacities is limited by the injection and withdrawal rate curves of the natural gas storage facility. The injection curve shows the maximum usable injection capacity as a function of the working gas stored by the storage customer. The withdrawal curve shows the maximum usable withdrawal capacity as a function of the working gas volume stored by the storage customer.
- (2) Below is a sample anticipates injection characteristic line:





(3) Below is a sample anticipates withdrawal characteristic line:



* WC = Withdrawal capacity
** WGV = Working gas volume

§ 2 Availability Notices

- (1) RGSWest shall provide the storage customer information on the availability of the maintained storage capacities via the web portal of RGSWest. The storage customer can gain access to these information by using the personalized web portal access.
- (2) With due regard to the necessary measures limiting the capacity usage, the data accessible for the storage customer in accordance with paragraph (1) shall contain information on the planned maximum usable portion of the injection and withdrawal capacity maintained for the storage customer for each day.

§ 3 Changeover Time

(1) The utilization of the injection and withdrawal capacities maintained for the storage customer pursuant to the storage contract is restricted by the technically required



- changeover time in case of switching from injection to withdrawal and from withdrawal to injection. This changeover time is two hours.
- (2) The storage customer is not entitled to provide the natural gas volume to be injected hourly and RGSWest shall not be obligated to take this natural gas volume if the changeover time is not observed by the storage customer.
- (3) RGSWest shall not be obligated to provide the natural gas volume to be withdrawn hourly and the storage customer shall not be entitled to take such natural gas volume if the changeover time is not observed by the storage customer.

§ 4 Employment of Working Gas Volumes

- (1) The storage customer has to assure that the requirements in mining law regarding the employment of the working gas volume are observed.
- (2) The requirements to be observed by the storage customer for the employment of the working gas volume shall be contingent on the contracted storage capacities and shall be agreed with the storage customer as an annex to the storage contract.

§ 5 Storage injection and Withdrawal Points

(1) The storage injection points shall be the withdrawal point from the transmission grid published for the respective storage by the adjacent network operator:

In case of:

- innexpool: Zone Epe/Xanten II (UGS-A)
 (market area Trading Hub Europe (THE); network operator
 Thyssengas GmbH)
- 2. storage Epe L-Gas: Gronau Epe L1 (market area THE; network operator Open Grid Europe GmbH)
- 3. storage Epe NL: ENSCHEDE (INNOGY-UGS EPE)

 (market area TTF; network operator Gasunie Transport Service B.V.)
- 4. storage Staßfurt: UGS Staßfurt (market area THE; network operator ONTRAS Gastransport GmbH)

in the respective Market Area [name of market area]. The adjacent network operator is [name of network operator].



(2) The storage withdrawal points shall be the injection point to the transmission grid published for the respective storage by the adjacent network operator

In case of:

- 1. innexpool: Zone Epe/Xanten I (UGS-E) (market area THE; network operator Thyssengas GmbH)
- 2. storage Epe L-Gas: Gronau Epe L1 (market area THE; network operator Open Grid Europe GmbH)
- 3. storage Epe NL: ENSCHEDE (INNOGY-UGS EPE)

 (market area TTF; network operator Gasunie Transport Service B.V.)
- 4. storage Staßfurt: UGS Staßfurt
 (market area THE; network operator ONTRAS Gastransport
 GmbH)

in the Market Area [name of market area]. The adjacent network operator is [name of network operator].

§ 6 Natural Gas Quality

- (1) The quality of the natural gas volumes provided by the storage customer at the storage injection point for delivery and the quality of the natural gas volumes provided by RGSWest at the storage withdrawal point for offtake must meet the rules in Worksheet G 260 (2nd Gas Family) for storages connected to the German transmission grid, issued by the German Association of the Natural Gas and Water Industry (DVGW) as amended from time to time.
- (2) Notwithstanding to (1) for storages connected to the Dutch transmission grid the quality of the natural gas volumes provided by the storage customer at the storage injection point for delivery and the quality of the natural gas volumes provided by RGSWest at the storage withdrawal point for offtake must meet the rules according to the Common Business Practice "Harmonisation of Natural Gas Quality" issued by EASEE-gas for utilization of the maintained storage capacities within the Netherlands as amended from time to time



§ 7 Pressure

- (1) The storage customer must provide RGSWest the natural gas volumes to be injected at the storage injection point at a pressure within the permissible pressure ranges, thus enabling RGSWest to take and inject the natural gas volumes. RGSWest must take from the storage customer the natural gas volumes to be injected at the storage injection point at a pressure within the permissible pressure ranges, thus enabling the storage customer to inject the natural gas volumes and deliver them to RGSWest.
- (2) RGSWest must provide the storage customer the natural gas volumes to be withdrawn at the storage withdrawal point at a pressure within the permissible pressure ranges, thus enabling the storage customer to take the natural gas volumes and inject them in the adjacent transmission network. The storage customer must take from RGSWest the natural gas volumes to be withdrawn at the storage withdrawal point at a pressure within the permissible pressure ranges, thus enabling RGSWest to withdraw the natural gas volumes.
- (3) In terms of the permissible pressure ranges the pressure requirements currently published by the adjacent network operator shall be applicable.