

Attachment A

Operating Manual Storage

Dated 01.12.2020

I. General provisions

1. This *Operating Manual Storage* forms part of the "General Terms and Conditions for the Storage of Gas" ("*GTC*") of *Storengy* as amended from time to time.
2. *Storengy* and the *storage customer* shall act in a prudent and effective manner with respect to providing and using interfaces, interactions and processes described in this *Operating Manual Storage* for the storage of quantities of *gas* in the *storages*, in particular by providing each other with information about circumstances which may affect the gas specification or pressure specification of the *gas* at a *storage delivery point* or *storage off-take point*.

II. Communication Test / Communication requirements

1. *Storengy* and the *storage customer* shall be available twenty-four (24) hours¹ on each *gas day* by phone and by other communication channels and systems agreed between *Storengy* and the *storage customer* to enable them to guarantee the operational implementation of the *storage contract* at all times ("*energy industry communication*"). *Energy industry communication* must be ensured under one single phone number, one single fax number and one single email address.

Storengy and *storage customer* shall inform each other as soon as reasonably possible if the *energy industry communication* defined in this *Operating Manual Storage* is impaired in any way. In the event that the *storage customer* or *Storengy* are temporarily unable to use the agreed *energy industry communication*, e.g. due to a system malfunction, *Storengy* and the *storage customer* may agree to temporarily replace the established *energy industry communication* by a different *means*. *Storengy* and the *storage customer* shall, as soon as possible, take appropriate action to restore the functionality of the *energy industry communication* originally agreed.

2. *Energy industry communication* is set up after the conclusion of a *storage contract*, but before the start of the actual provision of a *storage product*. It serves to exchange business messages between *Storengy* and the *storage customer* concerning the operational implementation of the *storage contract*. The *energy industry communication* is set up taking account of the starting point of the *storage contract* and generally comprises a time frame of five working days. The *Energy industry communication* set-up is finalised by a successful communication test.
3. In the event that *energy industry communication* is not set up in good time before the actual provision of the *storage product*, *Storengy* and the *storage customer* can agree different *energy industry communication* for a limited time (e.g. by email) in order to facilitate the *storage customer's* use of the *storage product*. The same applies in the event that communication problems occur during the term of the contract. Should the *storage customer* and *Storengy* be unable to agree on alternative *energy industry communication*, the *storage customer's* claim to actual provision of the *storage product* will be suspended until *energy industry communication* is established or restored and confirmed by a new communication test. The obligation of the *storage customer* to pay the price for the relevant *storage product* remains unaffected. *Storengy* has the right at any time during the *storage contract* term to repeat the communication test.
4. Before the communication test is carried out, *Storengy* and the *storage customer* shall exchange all the information required to set up *energy industry communication*. *Storengy* will request the relevant data from the *storage customer*.
5. For the exchange of all data and messages necessary for the nomination process, *Storengy*

¹ 23 hours on the *gas day* of the conversion to summertime or 25 hours on the *gas day* of the expiry of summertime.

and the *storage customer* agree on the standard nomination modes using the edig@s data format in Version 4.0 or higher.

The *nomination* must take place in the form envisaged by *Storengy* and via the *energy industry communication* set up. *Storengy* shall offer its *storage customers* the following standard modes and formats for setting up *energy industry communication*:

- AS2,
 - AS4,
 - Email (as an alternative or interim solution in individual instances),
 - Customer portal (not for *virtual storage products*).
6. *Storengy* shall allocate a specific *shipper code* to the *storage customer* for each *storage contract* or in the case of *virtual storage products*, use their balancing group number enabling the identification of *nominations* or *re-nominations* as well as the individual allocation of the corresponding quantities of *gas*. In the case of *partly-virtual storage products*, both the shipper code and the balancing group number are used. In addition, an identification number (contract number) is allocated to each *storage contract* which is specified in the recitals of the *storage contract*.
7. To ensure compatibility with the systems of *adjacent network operators*, *Storengy* is entitled to change the modes, means or formats of *energy industry communication* within an appropriate period of time. The *storage customer* and *Storengy* shall communicate to the extent necessary to implement such changes without impacting the actual provision of the *storage products* under the respective *storage contracts*.

Storengy shall inform the *storage customer* of any of the above changes with at least one month's notice.

III. Nomination procedure

1. The *storage customer* may nominate the quantities of *gas* within the limits of the contracted *working gas volume* and the agreed *storage rate* for each agreed *storage delivery point* or *storage off-take point* per *gas day* on an hourly basis and corresponding to *CET* or *CEST* ("*daily nomination*"). The *nomination* must be carried out in full kWh/h units and with a lead time of at least two hours prior to the start of the *gas day* concerned or to the start of the period within which the *nomination* is to be carried out ("*nomination deadline*"). Different arrangements can also be agreed in this regard in the *storage contract* concerned.

One *nomination* by the *storage customer* can only contain the values of one *gas day*. The *storage customer* can also nominate for periods which lie further in the future. For *nominations* covering a longer period, corresponding *daily nominations* must be sent. If, for example, the *storage customer* would like to nominate for an entire *gas month*, the *storage customer* must send *Storengy* 28, 29, 30 or 31 separate *daily nominations*. *Storengy* carries out the matching of the injection or withdrawal *gas* quantities nominated by the *storage customer*, at the earliest on the *gas day* before the *gas day* on which the *nomination* is to be carried out ("*D-1*"). As a rule, the first matching run is carried out on *D-1* by 7:00 p.m. (*CET/CEST*). If no *nomination* is sent or the *nomination* is not received by the *nomination deadline*, the hourly *gas* quantities for the following *gas day* or periods lying within the *nomination deadline* shall be set to zero (0).

2. If the *storage customer* or *Storengy* has a valid reason for not using the established *energy industry communication*, exceptionally the transmission of *nominations* and *re-nominations* by email to "operations@storengy.de" can be agreed and with prior agreement between the *storage customer* and the Commercial Dispatching Department of *Storengy* as an interim solution. At the request of the *storage customer*, receipt of such *nominations* or *re-nominations* will be confirmed by *Storengy's* Commercial Dispatching Department by means of an informal email sent to the sender's address of the email received.
3. The *storage customer* is entitled to alter the nominated *gas* quantity as often as desired in accordance with the provisions of this *Operating Manual Storage* ("*unlimited re-nomination right*"). The *re-nominations* submitted by the *storage customer* shall be valid at the earliest two hours after receipt of the *re-nomination* by *Storengy* as of the following full hour ("*re-nomination period*"). The sentences above shall only apply if not otherwise agreed in the *storage contract*.
4. *Storengy* has the right to refuse a *nomination* or *re-nomination* submitted by the *storage customer* should the *nomination* or *re-nomination* be incomplete.
5. If the execution of a *nomination* or *re-nomination* by the *storage customer* would result in an exceedance of the contracted maximum *working gas volume* or a falling below a *working gas volume* of zero or to an exceedance of the agreed *storage rate*, *Storengy* is entitled to adjust the *nomination* or *re-nomination* by correcting one or more *nomination* values with respect to the *working gas volume* and *storage rate* in accordance with the *storage contract*.
6. Notwithstanding Section III.1, in the event of a change from *CET* to *CEST* and from *CEST* to

CET, Storengy is entitled to apply special rules for the *nomination* for the corresponding *gas day*:

- (a) Change from *CET* to *CEST*

The *storage customer* must nominate for each *storage delivery point* and *storage off-take point* at maximum 23 consecutive hourly values.

- (b) Change from *CEST* to *CET*

The *storage customer* must nominate for each *storage delivery point* and *storage off-take point* at maximum 25 consecutive hourly values.

7. The *storage customer* may authorize a third party to execute *nominations* or *re-nominations* on his behalf. The third party must fulfil all obligations described in this *Operating Manual Storage* on behalf of the *storage customer* (including the successful performance of the communication test in accordance with Section II). For the avoidance of doubt, the *storage customer* shall remain liable for all *nominations* or *re-nominations* submitted by the third party.
8. The *storage customer's nominations* or *re-nominations* per *storage* and hour confirmed by Storengy will be allocated as injected or withdrawn *gas* quantities to the corresponding *storages* and *storage contracts*; in the case of *virtual storage products*, the allocation is carried out per *storage* by Storengy using a discretionary selection process of its choice. *Nominations* or *re-nominations* of a *storage customer* are first allocated to *firm storage products* and then to *interruptible storage products*. The resulting storage balance is shown in units of energy (kWh) and accrues in the *storage customer's working gas account*.
9. Storengy and/or the *storage customer* shall notify each other without undue delay if they are unable to provide or take over the nominated quantities of *gas* at the corresponding *storage delivery point* and/or *storage take-off point* either temporarily or long-term. Notwithstanding such notice, Storengy's and/or the *storage customer's* obligations under Section III (Nomination Procedure) shall remain unaffected.
10. Upon request, Storengy can offer a substitute procedure for the *nomination* insofar as this is technically feasible and commercially reasonable, and a separate contract will be concluded between Storengy and the *storage customer*.

IV. Matching Procedure

1. The *storage customer* must ensure that identical *nominations* or *re-nominations* are submitted to *Storengy* and the *adjacent network operator* or operator of the relevant *virtual trading point* for all *storage delivery points* and *storage off-take points* and for the corresponding entry and exit points in the gas network connected to the *storage* concerned.
2. *Storengy* shall match all *nominations/re-nominations* received with the *adjacent network operator*, or in case of (*partly-*)*virtual storage products* they will be matched by the operator of the relevant *virtual trading point*. In order to identify *nominations* and/or *re-nominations*, and for the individual allocation of the respective quantities of *gas*, the *shipper code pair* or in the case of (*partly-*)*virtual storage products*, the balancing group number pair is used together with the contract identification number.

If the *nomination* or *re-nomination* submitted under the same *shipper code pair* or balancing group number pair does not match, the "lesser of rule" will apply. The *nomination* with the lower quantities of *gas* is deemed to have been agreed between *Storengy* and the *adjacent network operator* or operator of the relevant *virtual trading point*. This quantity of *gas* will be taken over by *Storengy* at the *storage delivery point* or delivered at the *storage off-take point*.

After successful matching, *Storengy* shall send confirmation to the *storage customer* via the *energy industry communication* established. The confirmation shall contain the quantities of *gas* to be taken over by *Storengy* from the *storage customer* or to be delivered by *Storengy* to the *storage customer*.

3. Where applicable, *Storengy* shall apply the current rules of the *CBP*.

V. Interruptible storage products

1. If the *storage product* is an *interruptible storage product* according to the *storage contract*, *Storengy* will provide the *storage product* as long and as far as possible.

Insofar as provision of the *storage product* is no longer possible, in particular due to use of *firm storage products* or limitations in accordance with Section 13.4 of the *GTCs*, *Storengy* is entitled to interrupt the *storage product* in full or in part after a notice in text form (by fax or email) normally sent twelve (12) hours in advance. If *Storengy* is not able to comply with this notice period, *Storengy* can interrupt the *storage product* after written notice in text form (by fax or email) sent at least two (2) hours in advance. *Storengy* will resume the *storage product* as soon as possible and without undue delay inform the *storage customer* accordingly.

2. If more than one (1) *storage contract* was concluded concerning an *interruptible storage product*, all *interruptible storage products* will be interrupted pro rata based on the *working gas volumes* contracted.

VI. Operational instruction

1. *Storengy* shall provide the *storage customer* with an operational instruction according to Section 9.3 of the *GTCs* and/or Section 4 of the *Technical Manual Storage* as soon as possible in text form (by fax or email).
2. Every operational instruction shall contain the following information:
 - (a) Time and date of issuance;
 - (b) Point in time at which operational instruction becomes effective;
 - (c) Duration of operational instruction (if none specified, the operational instruction will remain in effect until further notice);
 - (d) Description of the *storage delivery points* and/or *storage off-take points*, if applicable, also with respect to *(partly-)virtual storage products*, to which the operational instruction applies;
 - (e) Specific actions required to be carried out by the *storage customer* at the *storage delivery points* and/or *storage off-take points* and/or at *virtual trading point(s)* with regard to certain *storage delivery points* and/or *storage off-take points* in order to comply with the operational instruction; and
 - (f) Reasons for issuing the operational instruction.
3. The *storage customer* shall take the actions requested by *Storengy* in the operational instruction. If the *storage customer* is not able to comply with the operational instruction, the *storage customer* shall immediately notify *Storengy* of the reasons.
4. To the extent the *storage customer* fails to comply with an operational instruction, *Storengy* shall be entitled instead to alter the relevant *nomination* or *re-nomination* to meet the operational instruction or to adjust the available *working gas volume* and/or the *withdrawal rate* for reasons stipulated in Section 4 of the *Technical Manual Storage*, without prejudice to its other available remedies.

VII. Contact details for Dispatching Department

1. *Storengy* Dispatching 24h Hotlines

Telephone: Emergency telephone: Fax:	+49 (0) 30 915 8110-15 +49 (0) 172 825 763 7 +49 (0) 30 915 8075-01
Email:	operations@storengy.de
Address:	Storengy Deutschland GmbH Commercial Dispatching Ella-Barowsky-Str. 44 10829 Berlin Germany

2. *Storage customer*

The *storage customer* shall provide *Storengy* with its relevant contact details in good time and inform *Storengy* without delay should these *contact details* change.