APPENDIX 7

Operations Manual

Nomination
Matching
Allocation

CONTENTS

1   Definitions used

Unless otherwise indicated by the context, the terms and definitions used in this Operations Manual shall be as defined in Clause 2.1, General Terms and Conditions Gas Storage ("GTCGS"), version 187.

2   Options for cCommunication nomination/renomination

Storage Customers may use the following methods to communicate nNomination/renomination e/Renominate to Gas StorageGSD:

a) Edig@s messages in XML format as described in Edig@s XML 5.1 by using AS4 protocol for transfer and security ("XML Nomination System"); and/or

b) Customer Portal.

To Nominate/Renominatenominate/renominate injection or withdrawal of Natural Gas by using the XML Nomination System, the Storage Customer shall undertake the necessary test procedures before starting communication as further described in the Nomination Guide published on GSD's website[1].

To nominate/renominate injection or withdrawal of Natural Gas Nominate/Renominate by using GSD's Customer Portal the Storage Customer shall conclude the Online Agreement (Appendix 4 to GTCGS) published on GSD's website[2].

2.1   Communication via the XML Nomination System

If submitted via the XML Nomination System, the nNomination/rRenomination shall be made using the Shipper Code assigned to the relevant Storage Customer' sub-account, specifying the Natural Gas quantity per Hour in a collective nNomination/rRenomination message and shall cover a validity period of at least 1

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[1] https://gasstorage.dk/Contact-and-communication
[2] https://gasstorage.dk/terms-and-conditions/ https://gasstorage.dk/Rules

(one) Gas Day. The validity period shall be divided into time intervals of not less than one Hour and not more than the entire validity period.

For each time interval the Storage Customer shall request either withdrawal or injection of Natural Gas quantity. The time intervals shall cover the total validity period and shall not overlap.

It is possible to nominate/renominate for more than one Gas Day at a time, provided that the Gas Days are in immediate succession, and the nNomination/rRenomination complies with the above-mentioned terms and conditions.

2.2   Communication through GSD's Customer Portal

If submitted through GSD's Customer Portal, the nNomination/rRenomination shall be specified per Shipper Code, and the related Counterparty's Shipper Code in the Transmission System Pair, and the direction being either :

iInjection; or

wWithdrawal.

When renominating in a specific Hour through the Customer Portal, the Storage Customer may change the direction from injection to withdrawal or vice versa by performing two transactions: (i) changing the original nomination to zero and (ii) renominating the desired direction, both by selecting the appropriate Shipper Codes in the Gas Storage and in the Transmission System.

Guidelines for how to use the Customer Portal are published in the Customer Portal itself and on GSD's website[3].

3   Nomination/rRenomination

Storage Customers are entitled to use their Firm and Interruptible Capacities for iInjection or wWithdrawal in an Hour subject to submitted nNomination/rRenomination in respect of that Hour.

The Storage Customer may change already aAccepted and confirm by GSD nNomination for an Hour by using sending a rRenomination.

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[3] https://gasstorage.dk/Contact-and-communication

3.1   Deadline for NNomination

No later than at 14:00 on each Gas Dayday, the Storage Customer may submit a nNomination for the next Gas Day providing information about the Natural Gas quantities, expressed in kWh/Hour, which the Storage Customer requests GSD to inject into or withdraw from the Gas Storage during each Hour of the following Gas Day with effect from 06:00 a.m. on the following Gas Day ("Nomination").

If relevant, Tthe Storage Customer may conduct submit a Nomination for each Hour for in an extended period - (e.g., weekend, week, month or year.) before the expiry of the abovementioned deadline.

A nomination submitted prior to 14:00 for the next Gas Day, can be revised if GSD receives a revised nomination from the Storage Customer before 16:00.

3.2   Accepted NNomination

Before 186:00 p.m. on each Gas Dayday, GSD will notifyies the Storage Customer whether the nomination for the next Gas Day has been:

(i)   The Nomination has been aapproved;

(ii)   The Nomination has been rreduced or refused; or

(iii)   The Nomination has been rreduced in GSD's mMatching with the System Operator.

Nomination approved in accordance with this Clause 3.2 (i) or reduced in accordance with this Clause 3.2 (ii) or (iii), is considered by GSD as Accepted Nomination ("Accepted Nomination").

3.3   Deadline for RRenomination

The Storage Customer may revise its Accepted Nomination for the Gas Day in fully or in partly:

(i)   Renomination for the entire Gas Day

From 18:00 p.m. each day until 05:00 on the following day, the Storage Customer may revise its Accepted Nomination for the following Gas Day in its entire by submitting a renomination for the Gas Day with effect start at 06:00 (all 24 Hours).

For example, a Renomination received by GSD at 18:25 in respect to the next Gas Day will be confirmed before 20:00 on the day.

(ii)   Renomination for the remaining Hours of the Gas Day

At 16:00 the day prior to the Gas Day andF from 0518:00 before the Gas Day on the day prior to the Gas Day until 043:00 on the Gas Day Gas Day ("Renomination Period"), the Storage Customer may revise its fully or partly an Accepted Nomination for the remaining hours of the Gas Day by submitting a renomination with 1-Hour lead time prior to the requested effective commencement for the rRenomination ("Lead Time").

For example, a Renomination received by GSD at 2018:2530 on the Gas Day shall will be confirmed within the lead time (21:00 – 22:00) and executed with effect start from at 220:00 with duration for the remaining 8 hours of the Gas Day (22:00 – 06:00)on the same Gas Day.

3.4   Accepted Renomination

Within the Lead Time after the beginning of each whole Hour, GSD shall notify the Storage Customer as to whether the renomination has been:

(i)   The Renomination for the Hour have been approved;

(ii)   The Renomination for the Hour has been reduced or refused; or

(iii)   The Renomination for the Hour has been reduced in GSD's Matching with the System Operator.

Renomination approved in accordance with this Clause 3.4 (i) or reduced in accordance with this Clause 3.4 (ii) or (iii), is considered by GSD as an Accepted Renomination ("Accepted Renomination").

3.5   Zero Nomination

If the Storage Customer has not submitted a Nomination at 14:00 on each Gas Day in respect of the following Gas Day, GSD shall nominate 0 (zero) on behalf of the Storage Customer.

3.7   Compliance with the Nomination Guide

If the Nomination/Renomination submitted by the Storage Customer does not comply with GSD's Nomination Guide[4], the Nomination/Renomination shall be deemed null and void and treated as it has not been received.

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[4] https://gasstorage.dk/Contact-and-communication

3.93.5   Latest received nNomination/renomination

If the Storage Customer sends submits multiple nNominations/Rrenominations prior to the deadline for GSD's receipt hereof, the latest received nNomination/rRenomination shall apply.

3.103.6   Automatic procedures

All nNomination/rRenomination procedures are fully automatic. Therefore, GSD cannot meet a Storage Customer's extraordinary request for changes to Accepted Nomination/Accepted Nominations, Accepted Nominations/Renominations.

If the Storage Customer has chosen to communicate nNominations/rRenominations to GSD by using the XML Nomination System, in addition to the messages required in Clauses 3.1 and 3.3 and the terms described in Clause 3.2 and 3.4 in this Operations Manual, the Storage Customer and GSD must exchange APERAK messages – e.g. the party receiving a Nomination message shall within 10 minutes after receipt confirm the receipt and inform whether the message complies with the requirements of the XML Nomination System by returning an APERAK message to the party who submitted the Nomination message.

If the party who submitted the Nomination message does not receive an APERAK message within such deadline, such party shall contact the other party for clarification - i.e., the submitting party carries the submission risk.

4   Matching

Concurrently with the submitted hourly nNomination/rRenomination to GSD, the Storage Customer' Counterparty in the Transmission System shall also submit corresponding hourly nNomination/rRenomination to the System Operator.

GSD and the System Operator shall compare the quantities of the Nominated/Renominated Natural Gas in each Hour of the Gas Day by matching the most recently received nNomination/rRenomination messages received by GSD and System Operator from respectively the Storage Customer and its Counterparty in the Transmission System ("Matching").

Matching will occur continuously before and during the Gas Day in respect of each Hour of the Gas Day.

If the Storage Customer's latest nNomination/rRenomination does not correspond to the latest nNomination/rRenomination made submitted by the Storage Customer's Counterparty in the Transmission System (the Shipper) in respect of the Storage Point, the Storage Customer's latest Storage nNomination/rRenomination shall be reduced in accordance with the "Lesser of" Principle.

Matching shall be based on the parties' intention, which means that mMatching, due to rRenomination on the part of the Storage Customer or the Shipper shall be based on the Counterparty's latest nNomination/rRenomination and not on the Counterparty's latest mMatched nNomination/Rrenomination. For example, if Counterparty A's latest nNomination of 250 was reduced in accordance with the "Lesser of" pPrinciple to 200 due to a lower Nomination on the part of Counterparty B, is followed by a rRenomination, where Counterparty B adjusts upwards to 250, the new matching result after the rRenomination of Counterparty B shall be based on Counterparty A's original nomination of 250, admitting the Matched Nomination of 250 to Counterparty A.

5 Allocation of Natural Gas

The Natural Gas quantity allocated to a Storage Customer at the Storage Point in each Hour ("Allocation") shall be equal to the Accepted Nomination/Accepted Renomination in this Hour.

At the end of each Gas Day before 06:00 a.m. Danish time, GSD shall inform the Storage Customer of the Natural Gas quantities allocated for the Gas Day by sending a MARSIT[5] message containing the hourly Allocation in each Hour of the Gas Day.

GSD shall also send a status on the Storage Customer's account for Stored Natural Gas, ACCPOS[5] or MARSIT 94G[5] message, at the same time as the MARSIT message.

The final allocation of Natural Gas quantities at the Storage Point forms the basis of GSD's settlement of charges for Injection Capacity, charges for used Interruptible Capacities and, if relevant, GSD's crediting of purchases of Natural Gas.

[5] cf. Edig@s XML 5.1