

## Fee Schedule

by

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– hereinafter referred to as "VGS" –

- valid from 10 July 2020 -

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## 1 Preface

- 1.1** This "Fee Schedule" provides an overview on the fees to be paid for our products "Trading", "Trading Flat", "Pure", "Micro" and "BioMicro" ("Flange Products") and the "Hub Trading" and "Hub Trading Flat" ("Hub Products") as well as on those for "Add ons". In addition to the fees to be paid for gas storage the fees for services that can be made use of in connection with our products are also contained.
- 1.2** All fees shown herein are net amounts with the applicable rate of VAT to be added.
- 1.3** The italicized terms in this fee schedule comply with the terms set out in the "General Terms and Conditions of VGS for the Storage of Gas at the Underground Storage Facilities operated by VGS" (Storage GTC) published at [www.vng-gasspeicher.de](http://www.vng-gasspeicher.de) and coming into force on 1 April 2020.

## STORAGE FEE

### 2 Capacity Fees "Trading" and "Hub Products"

#### 2.1 Capacity Fees "Trading" for Standard Configuration

The *capacity fee* for the "Trading" product shall be paid during the *service period* for the provision of the *bundled capacities* and is calculated exact to the day in Euro per *gas day* (€/d). It results for the standard configuration of the product "Trading" from number 1 of **Annex 1** to the fee schedule for the following capacity ratios:

Product	Storage <sup>1</sup>	Capacity Ratio of Standard Configuration		
		WGV GWh	IR MWh/h	WR MWh/h
Trading	ESE	1.00	0.87	1.10
	JEM	1,00	0.60	0.90
	VSH	1.00	0.60	0.82
Trading + Gas	VSH	1.00	0.60	0.82
Trading Flat	VSH	1.00	1.39	1.39

<sup>1</sup> The abbreviations ESE, JEM and VSH relate to the *storage facilities* of Etzel (ESE), Jemgum (JEM), and VGS Storage Hub (VSH)

#### 2.2 Capacity Fees "Hub Products" for Standard Configuration

The *capacity fee* for the "Hub Products" shall be paid during the *service period* for the provision of the *bundled capacities* and is calculated exact to the day in Euro per *gas*

day (€/d). It results for the standard configuration of the "Hub Products" from number 1 of **Annex 1** to the fee schedule for the following capacity ratios:

Product	Market area	Capacity Ratio of Standard Configuration		
		WGV GWh	IR MWh/h	WR MWh/h
Hub Trading	GASPOOL	1.00	-	-
Hub Trading Flat	GASPOOL	1.00	1.39	1.39

- for this product is no standard configuration offered, the contractually relevant capacity ratio is published in a tender procedure

### 2.3 Capacity Fees for an Individual Configuration

If an individual configuration is possible, the *capacity fees* for the individual configuration of the "Trading" or "Hub Trading" product are calculated exact to the day as a function of the requested quantity of the *capacities of working gas volume, injection rate and withdrawal rate*.

To find out about the *capacity fee* to be paid for an individual configuration the *customer* may

- calculate the fee with the help of the "easystore" online product configurator in the customer area *MY STORAGE* or
- request it directly and without engagement from VGS by an informal Email to [sales@vng-gasspeicher.de](mailto:sales@vng-gasspeicher.de).

### 2.4 Capacity Fees for "Add ons"

The *capacity fees* for the firm or interruptible *unbundled capacities working gas volume, injection rate and withdrawal rate* that can be contracted in addition to an already existing "Trading", "Trading Flat", "Hub Trading" or "Hub Trading Flat" contract as base contract ("Add ons") shall be paid during the *service period* for the provision of the respective *capacity* and are calculated exact to the day.

#### 2.4.1 Capacity Fees for "Add ons" (Standard Products)

The *capacity fee* in Euro per *gas day* (€/d) to be paid for a standard product "Add on" is calculated as a function of the already contracted capacity quantities of the respective base contract.

To find out about the respective *capacity fee* the *customer* may request it directly and without engagement from VGS by an informal Email to [sales@vng-gasspeicher.de](mailto:sales@vng-gasspeicher.de) containing the contract number of the respective base contract and the favored capacity(ies) together with the service period.

#### **2.4.2 Capacity Fees for "Add ons Day-Ahead"**

The storage-dependent capacity fee Euro in €/ (MWh/h) for Day-Ahead capacities available at short notice results from Number 1 of **Annex 1** to the Fee Schedule. If necessary, it shall be adjusted at the previous day (D-1) for the following Gas Day according to the respective market situation.

In other respects, the regulations regarding the conclusion of contracts by way of an *online booking* in accordance with § 17 of the Terms of Registration and Booking of VGS shall apply accordingly.

#### **2.4.3 Capacity Fees for "Add ons Within-Day"**

The capacity fee in €/ (MWh/h)/h to be paid for within-day capacities ("Add on Within-Day") that are available on short notice results from Number 1 of **Annex 1** "to the Fee Schedule. If necessary, the capacity fee can be adjusted on the respective gas day depending on the market situation.

#### **2.4.4 Capacity Fees for "Add on Early Injection" and "Add on Late Withdrawal"**

In case of the "Add on Early Injection" and "Add on Late Withdrawal", VGS shall determine and document for the respective *capacities* an internal minimum capacity fee in €/GWh/d for the respective Add on, which is adapted to the respective market situation.

A binding offer regarding the conclusion of an additional agreement concerning the "Add on Early Injection" or "Add on Late Withdrawal, which shall be submitted by way of an informal request, shall only be accepted if the fee regarding the desired *capacities* to be offered by the *customer* is equivalent to the previously determined and documented minimum capacity fee or is higher than this minimum capacity fee.

#### **2.5 Discounting the Contract-specific Capacity Fees**

For the "Trading" product as well as for Standard Products "Add ons" VGS shall grant discounts in line with the contract term on the contract-specific *capacity fee* in €/d to be

paid for the contracted *capacity*. The following discounts shall be granted depending on the *service period* of the respective "Trading" contract or the respective supplementary agreement for an "Add on":

Service Period in Years <sup>1</sup>	Discount in %
minimum two (2)	2
minimum three (3)	3
minimum four (4)	4
minimum five (5)	5
minimum six (6)	6
minimum seven (7)	7
minimum eight (8)	8
minimum nine (9)	9
ten (10) or longer	10

<sup>1</sup> The term "year" shall mean a period of twelve (12) consecutive months each, irrespective of the *gas day* on which this period commences.

### 3 Capacity Fees "Pure"

The usage-unrelated Capacity Fee WGV payable for providing the *capacity working gas volume* of the "Pure" product is derived from Number 1 of **Annex 1** to the Fee Schedule and will be calculated exact to the day. The factors "Capacity Fee IR" and "Capacity Fee WR" to be used for the calculation of the usage-related Capacity Fee IR and Capacity Fee WR, respectively, that are payable for the *capacities injection rate* and *withdrawal rate* result from Number 2 Table A of Annex 1 **Annex 1** to the Fee Schedule for the following capacity ratios:

Storage Facility	Capacity Ratio „Pure“		
	AGV GWh	ESL MWh/h	ASL MWh/h
ESE, VSH	1.00	35.00	50.00

### 4 Capacity Fee "Micro" and "BioMicro"

The "Micro" and "BioMicro" products can be booked for seven (7) gas days or a multiple thereof.

The *capacity fee* in €/GWh/d for the "Micro" or "BioMicro" products result from Number

1 of **Annex 1** to the Fee Schedule. For one "Micro" or "BioMicro" the following capacities shall apply:

Product	Storage Facility	Capacities for each (Bio)Micro		
		WGV GWh	IR MWh/h	WR MWh/h
Micro	ESE, VSH	0.50	5.00	10.00
BioMicro	VSH	0.50	5.00	10.00

## 5 Variable Fee

The *variable fee* shall be paid for the *gas quantities* injected by the *customer*. It shall be determined based on the injected *gas quantities* (MWh) multiplied by the "variable fee" factor in €/MWh applicable to the respective *storage year*.

The "variable fee" factor applicable for the current and following Storage Year is specified in Number 2 Table A of **Annex 1** to the Fee Schedule.

The "variable fee" factor applicable to the respective contract (contract-specific "variable fee" factor (VFF)) in €/MWh will change in accordance with the adjustment formula on 1 April, 6:00 a.m. of every calendar year **k** (adjustment date).

$$VFF_{k+1/k+2} = VFF_{k/k+1} \cdot \left( 0.3 + 0.05 \cdot \frac{L_{k-1}}{L_{k-2}} + 0.25 \cdot \frac{S_{k-1}}{S_{k-2}} + 0.4 \cdot \frac{G_{k-1}}{G_{k-2}} \right)$$

Thus the "variable fee" factor for the respective following *storage year* ( $VFF_{k+1/k+2}$ ) shall be already calculated on 1 April of the current calendar year **k** (calculation date).

In the above formula means:

$VFF_{k+1/k+2}$  contract-specific "variable fee" factor in €/MWh for the *storage year* to be calculated (from 1 April of calendar year **k+1** to 1 April of the following calendar year **k+2**)

$VFF_{k/k+1}$  contract-specific "variable fee" factor in €/MWh for the current *storage year* (from 1 April of current calendar year **k** to 1 April of the following calendar year **k+1**)

$L_{k-1}$  or  $L_{k-2}$  Index of agreed monthly earnings of power supply sector employees (2015 = 100) based on the annual average of the calendar year **k-1** or **k-2** ("Verdienste und Arbeitskosten. Index der Tarifverdienste und

Arbeitszeiten" [*Earnings and labour costs. Index of agreed wages and working hours*], cipher 2.1, WZ 2008-D, in: Veröffentlichungen des Statistischen Bundesamtes [*Publications of Federal Statistical Office*] Wiesbaden, Fachserie 16, Reihe 4.3)

**S<sub>k-1</sub>** or **S<sub>k-2</sub>** Index of producer prices for electric power supplied to special customers (2015 = 100) based on the annual average of the calendar years **k-1** or **k-2** ("Preise. Preise und Preisindizes für gewerbliche Produkte (Erzeugerpreise)" [*Prices. Prices and Price indices for industrial products (producer prices)*]), cipher 1, cons. no. 623, in: Veröffentlichungen des Statistischen Bundesamtes [*Publications of Federal Statistical Office*] Wiesbaden, Fachserie 17, Reihe 2)

**G<sub>k-1</sub>** or **G<sub>k-2</sub>** Index of producer prices for natural gas supplied to industrial customers (2015 = 100) based on the annual average of the calendar years **k-1** or **k-2** ("Preise. Preise und Preisindizes für gewerbliche Produkte (Erzeugerpreise)" [*Prices. Prices and Price indices for industrial products (producer prices)*]), cipher 1, cons. no. 634, in: Veröffentlichungen des Statistischen Bundesamtes [*Publications of Federal Statistical Office*] Wiesbaden, Fachserie 17, Reihe 2)

The "variable fee" factor in €/MWh shall be commercially rounded to three decimal places according to DIN 1333.

If the Federal Statistical Office adjusts the index of agreed monthly earnings for power supply sector employees, the index of producer prices for electric power supplied to special customers and/or the index of producer prices for natural gas supplied to industrial customers to a new base year, the new series published from this date shall apply up to the next calculation date for future adjustments of the "variable fee" factor.

If the index of the agreed monthly earnings for energy supply sector employees, index of producer prices for electric power supplied to special customers and/or index of producer prices for natural gas supplied to industrial customers is replaced, materially changed or no longer published, VGS shall be entitled as of the date of such change to define a different index that comes as close as possible to the commercial concept of the adjustment procedure described and becomes effective from the next calculation date.



## 6 Capacity Fee VTP +

The relevant Factors "Capacity Fee VTP +" for the use of the *interruptible capacity withdrawal rate* or *injection rate*, which are to be used for the calculation of the usage-related *capacity fee VTP +*, results from Number 2 Table B of **Annex 1** to the Fee Schedule.

## SERVICE FEES

## 7 Transmission Fee and Transfer Fee

The *transmission fee* for the *partial capacity transmission* as well as the *transfer fee* for the *gas transfe* results from Number 3 of **Annex 1** to the Fee Schedule.

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## Annex 1 Overview Storage Fees of VGS

### 1. Capacity Fees for Capacity Reservation (usage-unrelated)

Product	Storage Facility	Standard-Configuration	Day Ahead IR	Day Ahead WR	Within-Day IR	Within-Day WR
		€/GWh/d	€/(MWh/h)	€/(MWh/h)	€/(MWh/h)/h	€/(MWh/h)/h
Trading	ESE	23.97	4.80	2.40	0.20	0.10
	JEM	23.70	7.20	2.40	0.30	0.10
	VSH	23.33	4.80	2.40	0.20	0.10
Trading Flat	VSH	*	4.80	2.40	0.20	0.10
Trading + Gas	VSH	**	4.80	2.40	0.20	0.10
Hub Trading	GPL VHP	**	4.80	2.40	-	-
Hub Trading Flat	GPL VHP	*	4.80	2.40	-	-
Pure	VSH	5.46***	-	-	-	-
Micro	ESE	17.00	-	-	-	-
	VSH	17.00	-	-	-	-
BioMirco	VSH	17.00	-	-	-	-

\* The *capacity fee* is visible in the non-public area of the customer area MY STORAGE and requires an authorization of the *user* for the *online booking*.

\*\* The *capacity fee* is determined in a marketing process

\*\*\* for providing the *capacity working gas volume*

- the Add on for the respective basic product is currently not offered by VGS

## 2. Capacity Fees for Capacity Usage (usage-related)

Table A

Storage Year	Factor „variable Fee“ €/MWh	Factor CF IR <sup>1</sup> €/MWh	Factor CF WR <sup>2</sup> €/MWh	Exit Fee D <sub>i</sub> <sup>3</sup> ct/(kWh/h)/d	Entry Fee D <sub>w</sub> <sup>4</sup> ct/(kWh/h)/d
2020/21	0.495	0.500	0.500	0.3213	0.3213
2021/22	0.485	0.500	0.500	0.3213	0.3213

<sup>1</sup> factor “Capacity Fee IR” to calculate the usage-related *Capacity Fee IR* of the „Pure“ product

<sup>2</sup> factor “Capacity Fee WR” to calculate the usage-related *Capacity Fee WR* of the „Pure“ product

<sup>3</sup> value to calculate the *Capacity Fee IR* of the „Hub Products“

<sup>4</sup> value to calculate the *Capacity Fee WR* of the „Hub Products“

Table B

Period (Storage Month)	CF VTP+ IR (F) <sup>1</sup> €/MWh	CF VTP+ WR (F <sup>w</sup> ) <sup>2</sup> €/MWh
Jan   Feb   Mar	0.16	0.04
Apr   May   Sept Oct   Nov   Dec	0.16	0.04
Jun   July   Aug	0.20	0.00

<sup>1</sup> factor “Capacity Fee VTP+” to calculate the usage-related *Capacity Fee VTP +* for the use of the interruptible capacity injection rate at the Gas Transfer Point VTP+

<sup>2</sup> factor “Capacity Fee VTP+” to calculate the usage-related *Capacity Fee VTP +* for the use of the interruptible capacity withdrawal rate at the Gas Transfer Point VTP+

### 3. Service Fees

Service	Fees
Gas Transfer	500.00 €
Partial Capacity Transmission	5,000.00 €
Acceptance of the Return Delivery of Storage Capacities	1% of the capacity fee received, but at least €7,000.00
Service REMIT	100.00 €/Month
Secondary Trading	1,750.00 €
Storage RePo	3,000.00 € <sup>1</sup>
Securities Management Services	3,000.00 € <sup>2</sup>

<sup>1</sup> implementation fee for the implementation of the agreement, further fees see § 6 of the agreement

<sup>2</sup> implementation fee for the implementation of the agreement, further fees see § 5 of the agreement