Price Sheet of Open Grid Europe GmbH
for entry and exit contracts
in accordance with Cooperation Agreement X.2
in the GASPOOL Balancing Services GmbH market area

Essen, 25 September 2019

Valid for gas shipments from 1 January 2020

The English translation of this Price Sheet is nonbinding and for convenience only.

It may not be used for interpretation of the binding German version,
published on the website of Open Grid Europe GmbH:

https://www.oge.net
„Netzzugangsbedingungen/Entgelte 2019/2020“

1. Capacity fees

With the REGENT-GP-decision of the Federal Network Agency coming into force the network fees for the entry and exit points that are published in this price sheet (see ANNEX 1) are determined from now on as a stamp uniformly for the GASPOOL Balancing Services GmbH market area. This proceeding is the result of the requirements of the Network Code Tariff, the EU Regulation establishing a network code on harmonized transmission tariff structures for gas [(EU) 2017/460, NC TAR], which came into force in 2017. The Federal Network Agency implements these requirements in both German market areas by the decisions REGENT-GP (BK9-18/611-GP) [respectively REGENT-NCG (BK9-18/610-NCG)], MARGIT (BK9-18/612), BEATE 2.0 (BK9-18/608) and AMELIE (BK9-18/607) which were published on 29 March 2019.

The GP-wide network fees that are published in this price sheet are demand charges expressed in €/(kWh/h)/a. The network fees are rounded to 2 digits after the decimal point.

In accordance with the decisions MARGIT and BEATE 2.0, Open Grid Europe GmbH uses multipliers for the conversion of annual demand charges into demand charges for capacity products with terms of less than one year (within-day, daily, monthly and quarterly products) for all entry and exit points. The multiplier for a within-day product is 2.0 (contract term of up to one day), the multiplier for a daily product is 1.4 (contract term of 1 to 27 days), the multiplier for a monthly product is 1.25 (contract term of 28 to 89 days) and the multiplier for a quarterly product is 1.1 (contract term of 90 to 364 days). The multipliers are applicable to network fees for firm, interruptible and other capacity products at all entry and exit points.[1]

For the calculation of the network fees for capacity products with terms of less than one year the annual demand charges are divided by 366 and multiplied by the contract term in days in the case of a booking period of one day or more respectively the annual demand charges are divided by 8784 and multiplied by the contract term in hours in the case of a within-day booking period.

The ANNEX 1 provides an overview of the network fees for entry points and exit points in the GP market area each with a standard network fee, **without** taking account of the multipliers for published network

[1] In the event of a contract change for capacities already booked or if capacities are withdrawn, the previously determined multiplier remains in place unchanged, even if the original product were to fall into a different category after the change or withdrawal. There is no subsequent recognition of amounts; the use of the multiplier is determined by the product booked at the time the contract was concluded. For the capacity product booked anew after the change or capacity withdrawal (“New Product“), on the other hand, a multiplier chosen in accordance with the contract term of the New Product shall be used. In this case, too, the multiplier is applied according to which product was booked when the contract was concluded. This provision applies to all scenarios; it therefore affects in particular the return of capacity, the trading on secondary market of parts of the capacity rights, the conversion and the (partial) termination of capacity.

fees in accordance with the MARGIT- and BEATE 2.0 decision. A list of the entry and exit points that can be booked is published separately in addition to this Price Sheet on the Open Grid Europe GmbH website.

2. Fee for storage facilities

Under section 2 of the REGENT-GP-decision all fees for capacities at storage facilities have to be reduced by granting a 75 % discount on the fee determined in accordance with the Gas Network Charges Ordinance (GasNEV), if and in so far as a storage facility that is connected to more than one transmission and distribution network is not used as an alternative to an interconnection point. Before granting such a discount the transmission system operator must ask for proof from the storage facility operator that the facility cannot be used to compete with an interconnection point at the following booking points:

- Speicher Etzel Crystal GASPOOL
- Speicher Etzel EGL GASPOOL
- Speicher Etzel EKB GASPOOL
- Speicher Etzel ESE GASPOOL

For storage facilities that are connected to more than one transmission and distribution network and that are used as an alternative to an interconnection point Open Grid Europe GmbH is obligated to offer a fee without a discount and one with a discount.

If the storage operator does not furnish appropriate proof, Open Grid Europe GmbH will only offer a fee without a discount at these network points.

If a discounted capacity shall subsequently be withdrawn to an adjacent market area, no corresponding bookings of real capacities are required according to the REGENT-decision. Instead of such bookings, on application from the Shipper the transmission system operator concerned may also issue an invoice for the corresponding tariffs. The shipper shall inform the transmission system operator with a lead time of 5 working days stating the capacity and duration of the rebooking request. The duration of the rebooking request is at least one gas day. Further information on the rebooking procedure can be found in our supplementary terms and conditions.

The fees for firm freely allocable capacity (fFZK), interruptible freely allocable capacity (uFZK), and conditionally firm freely allocable capacity with temperature dependence (bFZK) are provided in the table below:

	Storage facilities providing access **to one market area** (expressed in % of the network fee that would be charged for firm freely allocable capacity bookings)	Storage facilities providing access **to more than one market area** (expressed in % of the network fee that would be charged for firm freely allocable capacity bookings)	
	Fee with discount	**Fee with discount**	**Fee without discount**
bFZK	**22,5 %**	**22,5 %**	**90 %**
fFZK	**25 %**	**25 %**	**100 %**
uFZK	Point-specific interruption factor 90 % * 25 %= **22,5 %**	Point-specific interruption factor 90 % * 25 %= **22,5 %**	Point-specific interruption factor 90 % * 100 %= **90 %**

3. Fee for interruptible capacity

According to Section 4 of the MARGIT-decision the network fee for interruptible capacity at interconnection points must be calculated by multiplying the network fee for firm capacity by the difference between 100% and the level of an ex-ante discount applicable at every interconnection point for the respective standard product in accordance with ANNEX 2 of the MARGIT-decision.

According to the provisions of the BEATE 2.0 decision, the network fee for interruptible capacity at non-interconnection points must come with a point-specific discount regardless of the duration of the product on the fee that would be applicable to bookings of firm capacity at the relevant network point. The discount level is calculated on the basis of the actual interruptions that occurred during the last three gas business years. According to Rz. 61 of the paper stating the reasons for the BEATE 2.0 decision, the maximum interruptible capacities that were actually interrupted are determined in proportion to the marketed interruptible capacities during the above period under review. The discount determined with this quotient is rounded up to the next full percentage figure, and a safety allowance of 10 percentage points is added. This analysis is done annually at Open Grid Europe GmbH as part of the regular fee determination process. For 2020 all entry and exit points receive a 10 % discount on the standard network fee in accordance with the BEATE 2.0 decision, which gives a fee for interruptible capacity of 90 % of the fee that would be charged for the booking of firm capacity at the relevant network point.

The network fee for interruptible capacity at storage facility entry and exit points is determined on the basis of the product calculated by multiplying the storage fee determined in Section 2 with the interruption factor derived in this section for each specific network point.

4. Taxes

The fees stated are net fees and do not include any taxes payable such as value added tax, which must be paid by the customer at the ruling rate in addition to the fees.

Annex

Fees charged by Open Grid Europe GmbH in the GASPOOL Balancing Services GmbH market area

valid from 1 January 2020, 06:00 a.m.

Designation	Fee

1. Network fee for firm freely allocable capacities with a term of one gas year

(**without** taking account of the multipliers for network fees

in accordance with MARGIT decision BK9-18/612 respectively BEATE 2.0 decision BK9-18/608)

Open Grid Europe GmbH Entry in GASPOOL market area

Entry fee	3.36 EUR/(kWh/h)/a

Open Grid Europe GmbH Exit in GASPOOL market area

Exit fee	3.36 EUR/(kWh/h)/a

Gaspool							
			$Di_{ex\text{-}ante}$				
Flussrichtung am Netzkopplungspunkt Flow direction at connection point	Name des angrenzenden Marktgebietes Name of adjacent market area	Gasqualität Gas quality	untertägige Kapazität within-day capacity	Tageskapazität daily capacity	Monatskapazität monthly capacity	Quartalskapazität quarterly capacity	Jahreskapazität yearly capacity
Entry	Polish E-gas Balancing Zone	H-Gas	10%	10%	10%	10%	10%
Exit	Polish E-gas Balancing Zone	H-Gas	10%	10%	10%	10%	10%
Entry	YAMAL (TGPS) Pipeline	H-Gas	10%	10%	10%	10%	10%
Exit	YAMAL (TGPS) Pipeline	H-Gas	10%	10%	10%	10%	10%
Entry	Czech Balancing Zone	H-Gas	10%	10%	10%	10%	10%
Exit	Czech Balancing Zone	H-Gas	11%	11%	11%	11%	10%
Entry	Belgian and Luxembourg Balancing Zone	H-Gas	10%	10%	10%	10%	10%
Exit	Belgian and Luxembourg Balancing Zone	H-Gas	11%	11%	11%	10%	10%
Entry	Dutch Balancing Zone	H-Gas	10%	10%	10%	10%	10%
Exit	Dutch Balancing Zone	H-Gas	10%	10%	10%	10%	10%
Entry	Dutch Balancing Zone	L-Gas	11%	11%	10%	10%	10%
Exit	Dutch Balancing Zone	L-Gas	10%	10%	10%	10%	10%
Entry	Danish Balancing Zone	H-Gas	10%	10%	10%	10%	10%
Exit	Danish Balancing Zone	H-Gas	10%	10%	10%	10%	10%
Entry	NCG Balancing Zone	H-Gas	10%	10%	10%	10%	10%
Exit	NCG Balancing Zone	H-Gas	11%	11%	11%	11%	11%
Entry	NCG Balancing Zone	L-Gas	10%	10%	10%	10%	10%
Exit	NCG Balancing Zone	L-Gas	10%	10%	10%	10%	10%
Entry	Russland	H-Gas	10%	10%	10%	10%	10%
Exit	Russland	H-Gas	10%	10%	10%	10%	10%
Entry	Norwegen	H-Gas	10%	10%	10%	10%	10%
Exit	Norwegen	H-Gas	10%	10%	10%	10%	10%