



#### **Publication pursuant to GasNZV § 40 Paragraph 1, Number 4**

In the load flow simulation for the GRTgaz Deutschland network, selected critical load flow scenarios with different, extreme entry and exit situations at different temperatures in the market area of the former NCG were considered and checked for their flow-mechanical feasibility. As the feasibility depends to a large extent on the networks of other TSOs in the market area of Trading Hub Europe GmbH, whose technical parameters and basic assumptions are not or not sufficiently accessible to GRTgaz Deutschland, GRTgaz Deutschland can only calculate the maximum firm capacity of its own network. In determining the share of freely allocable capacity in the former NCG market area, the methods, processes and results of Open Grid Europe GmbH were followed for the time being.

The restrictions on technical capacity, which became necessary due to the merger of the former market areas NCG and Gaspool to form the new market area Trading Hub Europe ("THE") on 1 October 2021, were reviewed and approved by the Federal Network Agency in accordance with section 9 (4) GasNZV. The capacity determination procedure applied is described in detail in the Federal Network Agency's decision BK7-20-011 of 22 April 2020. In accordance with the overbooking and buy-back system implemented by the transmission system operators pursuant to the Federal Network Agency's decision BK7-19-037 of 25 March 2020, GRTgaz Deutschland offers additional capacity beyond the approved technical capacity at certain entry points.

#### **Publication pursuant to GasNZV Section 40 Paragraph 1, Number 5**

Publication of capacity-increasing measures implemented pursuant to GasNZV Section 9 (3) and their respective costs.

The load flow simulations carried out by GRTgaz Deutschland and Open Grid Europe for the former NCG market area showed that only a small proportion of GRTgaz Deutschland's technical entry and exit capacities could be freely allocated throughout the former market area. The expansion of the market area to THE has further exacerbated this situation. Based on the historical utilisation of capacities and the historical demand for entry and exit capacities at the cross-border interconnection points, which were generally booked in the same amount over the same periods, it makes sense to primarily use allocation requirements as capacity-increasing measures. GRTgaz Deutschland therefore shows dynamically allocable capacities (DZK), which represent firm capacities when used simultaneously for the import and export of gas quantities in the same amount. The use of THE's VTP cannot be guaranteed for these capacities on a firm basis, but only according to the ability and capacity of the market area partners. Measures to convert DZK into FZK are, if necessary, subject to the network development plan of the transmission system operators according to EnWG § 15a and the procedure for new capacity to be created according to Chapter V of Regulation (EU) 2017/459.

Thanks to the application of the overbooking and buy-back system since the introduction of the THE market area, no additional DZK were used as capacity-increasing measures from 1 October 2021. Instead, GRTgaz Deutschland continues to offer feed-in FZK as additional capacity in accordance with the Federal Network Agency's decision BK7-19-037 ("KAP+") of 25 March 2020.

In addition to the DZK, GRTgaz Deutschland also has conditionally freely allocable entry capacities ("bFZK"), which can be interrupted depending on certain temperatures.

#### **Publication pursuant to GasNZV Section 40 Paragraph 1 Number 10**

All exit points of the GRTgaz Deutschland network are allocated to the Trading Hub Europe market area.

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