

## **Offer of temperature-depending, conditionally firm freely allocable capacities (bFZK) from 1 October 2021 (regarding Section 9 Paragraph 1 EAV)**

1. From 1 October 2021, Thyssengas will market two conditionally firm freely allocable capacity products (bFZK<sub>temp1</sub> and bFZK<sub>temp2</sub>) within its grid.
2. By booking bFZK<sub>temp1</sub> and bFZK<sub>temp2</sub> the shipper can use the booked entry and exit capacity on a firm basis without definition of a transport path so far as the condition mentioned in Paragraph 3 is fulfilled. Otherwise, the use is carried out on an interruptible basis.
3. The temperature-depending conditions for bFZK<sub>temp1</sub> and bFZK<sub>temp2</sub> are determined as follows:
  - bFZK<sub>temp1</sub> – conditionally firm freely allocable capacity of which the firm part raises in three steps from 0% up to 100% depending on the forecasted daily mean temperature for Essen (TMT). Above a TMT of 16°C, the firm part is 0%, at a TMT equal to or less than 16°C but higher than 8°C the firm part is 50%, at a TMT equal to or less than 8°C but higher than 0°C the firm part is 57% and at a TMT equal to or less than 0°C the firm part is 100%.
  - bFZK<sub>temp2</sub> – conditionally firm freely allocable capacity of which the firm part raises in two steps from 0% up to 100% depending on the forecasted daily mean temperature for Essen (TMT). Above a TMT of 10°C, the firm part is 0%, at a TMT between 10°C and 2°C the firm part raises linearly up to 25% (at 2°C), at a TMT between 2°C and -12°C the firm part raises linearly from 25% (at 2°C) up to 100% (at -12°C) and at a TMT of less than -12°C (undercutting the design temperature) the firm part is 100%.
4. Thyssengas will publish the corresponding split factor of the capacity products bFZK<sub>temp1</sub> and bFZK<sub>temp2</sub> daily at 1:00 p.m. which is used to calculate the amount of the firm and interruptible parts of the corresponding temperature-depending bFZK product for the day ahead.

5. The temperature-dependent bFZK products will be offered at the following entry points into the Thyssengas grid:
  - a. bFZK<sub>temp1</sub>: product within the entry zone North, offered at the following entry points:
    - i. Emden EMS/ EPT
    - ii. Leer - Mooräcker - 3 (700096 Jemgum I UGS-E)
    - iii. Leer - Mooräcker - 1 (700096 Nüttermoor H UGS-E)
  - b. bFZK<sub>temp2</sub>: product within the entry zone Storage, offered at the following entry points:
    - i. Epe/Xanten I (UGS-E)
    - ii. Epe - III (UGS-E)
    - iii. Gronau - Epe - 11 (UGS-E)
    - iv. Gronau - Epe - 13 (UGS-E)
6. The temperature-dependent bFZK products will respectively be marketed within the entry zones mentioned in Paragraph 5 competitively.
7. The tariff factor for the bFZK products mentioned in Paragraph 1 is
  - a. 0.94 for the product bFZK<sub>temp1</sub> and
  - b. 0.91 for the product bFZK<sub>temp2</sub>,with respect to the base tariff for firm freely allocable capacities (FZK) published in the price sheet.