

**Publication of information for tariff year 2023 according to article 30 of Commission Regulation (EU) 2017/460 of 16 March 2017 establishing a network code on harmonised transmission tariff structures of gas - Fluxys Deutschland**

|                 | <b>Description</b>  | <b>Explanation</b>  |
|-----------------|---|---|
| (1) a)          | Information on parameters used in the applied reference price methodology related to the technical characteristics of the transmission system | All used input parameters (i.e. forecasted contracted capacity) are included in the simplified model ( <a href="https://www.fluxys.com/en/products-services/empowering-you/tariffs/tariff_fluxys-deutschland">https://www.fluxys.com/en/products-services/empowering-you/tariffs/tariff_fluxys-deutschland</a> ).   |
| (1) b) i)       | Allowed revenues of TSO   | The allowed revenues of Fluxys Deutschland for the year 2023 are 51,309,864 EUR.  |
| (1) b) ii)      | Changes in the revenue referred to above from one year to the next year   | -16,027,427 EUR   |
| (1) b) iii) (1) | Types of assets included in the regulated asset base and their aggregated value   | Types of regulated assets (cf. Annex 1 of GasNEV, <a href="https://www.gesetze-im-internet.de/gasnev/anlage_1.html">https://www.gesetze-im-internet.de/gasnev/anlage_1.html</a> ):<br>I. General installations<br>II. Gas containers<br>III. Compressor stations<br>IV. Pipelines/ House connection pipelines<br>V. Measuring, control and metering installations<br>VI. Remote control installations<br>Aggregated value: 453,749,636 EUR (Base level for regulatory period 2023-2027) |
| (1) b) iii) (2) | Cost of capital and its calculation methodology   | 26,931,369 EUR (Base level)<br>Cost of capital include interest and similar expenditures, imputed depreciation and allowed return on equity. Cost of capital is calculated in accordance with articles 5-7 Gas Network Tariffs Ordinance GasNEV ( <a href="https://www.gesetze-im-internet.de/gasnev/">https://www.gesetze-im-internet.de/gasnev/</a> ).  |

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| (1) b) iii) (3)    | Capital expenditures, including:                                  |  |
| (1) b) iii) (3) a) | <i>Methodologies to determine the initial value of the assets</i> | The capital expenditures are determined on the basis of the historical procurement and manufacturing costs of the asset as evaluated according to German Accounting Principles (HGB). The initial value of assets in case of investment applications is determined according to Decision BK4-12-656AO1. Initial values are historical procurement and manufacturing costs of the assets.   |
| (1) b) iii) (3) b) | <i>Methodologies to re-evaluate the assets</i>                    | There is no re-evaluation of assets.   |
| (1) b) iii) (3) c) | <i>Explanations of the evolution of the value of the assets</i>   | The assets are depreciated on a linear basis in accordance with article 6(5) GasNEV ( <a href="https://www.gesetze-im-internet.de/gasnev/">https://www.gesetze-im-internet.de/gasnev/</a> ). The depreciation period are set in Annex 1 GasNEV ( <a href="https://www.gesetze-im-internet.de/gasnev/anlage_1.html">https://www.gesetze-im-internet.de/gasnev/anlage_1.html</a> ).  |
| (1) b) iii) (3) d) | <i>Depreciation periods and amounts per asset type</i>            | <p>I. General installations, 3-70 years (no depreciation for land assets), 243,244 EUR (amount in cost base year 2020)</p> <p>II. Gas containers, 45-55 years, 0 EUR</p> <p>III. Compressor stations, 20-60 years, 685,580 EUR</p> <p>IV. Pipelines/ House connection pipelines, 30-65 years, 10,088,066 EUR</p> <p>V. Measuring, control and metering installations, 8-60 years, 2,238,662 EUR</p> <p>VI. Remote control installations, 15-20 years, 123,614 EUR</p> <p>Total: 13,379,165 EUR</p> |
| (1) b) iii) (4)    | Operational expenditures  | 7,209,202 EUR (amount in cost base year 2020)  |

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| (1) b) iii) (5) | Incentive Mechanisms and efficiency targets | <p>German transmission system operators (TSO) are subject to the incentive regulation system codified by German Incentive Regulation Ordinance ARegV (<a href="https://www.gesetze-im-internet.de/aregv/">https://www.gesetze-im-internet.de/aregv/</a>). Incentive mechanisms and efficiency targets are stipulated in §§12-16 ARegV. The revenue cap of a TSO that is determined for a regulatory period with a duration of 5 years is based on the costs incurred at the TSO in the base year (year 3 before the new regulatory period) and that were checked by the regulatory authority. Moreover, an efficiency benchmark is conducted between the TSOs and, based on their cost and structure parameters, individual company efficiency values are calculated. Possible inefficiencies are to be rectified over the duration of a regulatory period. Furthermore, the regulatory authority calculates a general sector productivity factor that is consistently applied to all TSOs.</p> <p>The individual efficiency value and the sectoral productivity factor for the 4<sup>th</sup> regulatory period (2023-2027) have not yet been determined.</p> |
| (1) b) iii) (6) | Inflation indices                           | <p>Inflation is calculated in accordance article 8 of German Incentive Regulation Ordinance ARegV (<a href="https://www.gesetze-im-internet.de/aregv/">https://www.gesetze-im-internet.de/aregv/</a>). For 2023, the relevant value of 2021 as published by the Federal Statistical Office is 109.1. The value of the base year (2020) is 105,8.</p>   |
| (1) b) iv)      | Transmission services revenue               | <p>The allowed revenues of Fluxys Deutschland for transmission services for the year 2023 are 51,309,864 EUR.</p>  |
| (1) b) v) (1)   | Capacity-commodity split                    | <p>100% capacity-based tariffs</p>   |

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| (1) b) v) (2) | Entry-exit split   | Entry-exit split for market area TRADING HUB EUROPE:<br>- Entry: 33%<br>- Exit: 67%   |
| (1) b) v) (3) | Intra-system/cross-system split  | Intra-system/cross-system split in entry-exit system TRADING HUB EUROPE:<br>- 85.9% domestic usage<br>- 14.1% cross-border usage<br><br>In conjunction with Art. 26 NC TAR consultation, the cost allocation test was carried by the Bundesnetzagentur (BNetzA). The results, including an assessment, are published on the BNetzA website via decision REGENT 2021 (BK9-19/610).   |
| (1) b) vi)    | Information related to the previous tariff period regarding the reconciliation of the regulatory account | (1) Actually obtained revenue: 60,219,220 EUR, underrecovery of allowed revenues 619,005 EUR, thereof attributed to the regulatory account: 619,005 EUR.<br><br>(2) Reconciliation of the regulatory account for the concluded business year will be determined as of 31.12. of the following year and it will be reconciled in equal instalments – including interest payments – over three calendar years. The reconciliation begins in the year after the next after the application is submitted.<br><br>Incentive mechanisms specifically for the regulatory account do not exist in the German regulatory system. |

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| (1) b) vii  | Intended use of the auction premium   | <p>Auction revenues are booked on the regulatory account in accordance with article 5 ARegV. This transaction thus develops a fee-reducing effect in the years in which the regulatory account is reconciled.</p> <p>In accordance with the explanations of the BNetzA in decision BK9-22/615 (REGENT re-calculation 2023), the auction premiums already achieved for the year 2023 will, in deviation from this, be used to reduce the tariff when re-calculating the REGENT tariff 2023, provided that it is not assumed that the corresponding capacity contracts will be terminated.</p>   |
| (1) c) i)   | Commodity-based transmission tariffs  | not applicable   |
| (1) c) ii)  | Non-transmission tariffs for non-transmission services  | Fluxys Deutschland does not charge any non-transmission tariffs.   |
| (1) c) iii) | Reference prices and other prices applicable at points other than those referred to in Article 29   | No such points available.  |
| (2) a) i)   | Explanation of the difference in the level of transmission tariffs for the same type of transmission service applicable for the prevailing tariff period and for the tariff period for which the information is published | <p>The reference price of the market area Trading Hub Europe increases by 2.52 €/(kWh/h)/a in 2023 compared to the uniform tariff in 2022. This change is based on changes of the input parameters allowed revenues and forecasts of contracted capacity of the transmission system operators involved. The significant changes are due to the geopolitical situation in particular. Thus, a strongly adjusted booking behaviour was assumed in the capacity forecast 2023. In addition, the distortions on the European natural gas market with highly increased energy prices as well as changed flows in the German transmission grid lead to a significant increase in volatile costs (especially fuel gas).</p> |

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| (2) a) ii) | <p>Explanation of the estimated difference in the level of transmission tariffs for the same type of transmission service applicable for the tariff period for which the information is published and for each tariff period within the remainder of the regulatory period</p> | <p>Cf. annex for the information to be published pursuant to Art. 30 for the tariff year 2023 (<a href="https://www.fluxys.com/en/products-services/empowering-you/tariffs/tariff_fluxys-deutschland">https://www.fluxys.com/en/products-services/empowering-you/tariffs/tariff_fluxys-deutschland</a>)</p> <p>In order to fulfil the publication requirements, the former approach of BNetzA (Appendix 5 of REGENT 2021 decision) was continued to forecast the tariffs on an indicative basis. It should be noted that calculations depend on assumptions that are currently very difficult to forecast. Accordingly, the calculations are to be interpreted as merely indicative to fulfil the publication requirements. For inflation, the values stated by BNetzA in the document „Hinweise für Fernleitungsnetzbetreiber zur Veröffentlichung von Entgelten gemäß Art. 29, 31 und 32 der Verordnung (EU) Nr. 2017/460“ were used. Furthermore, the value from the third regulatory period was used for the general sectoral productivity factor in accordance with § 9 ARegV, as BNetzA has not yet determined a final value for the fourth regulatory period.</p> <p>Further assumptions on the development of the forecast capacities and the annual development of the allowed revenues can be made directly by the user in the model.</p> |
| (2) b)     | Simplified tariff model  | <p><a href="#">Cf. annex for the information to be published pursuant to Art. 30 for the tariff year 2023</a></p>   |

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| <p>(3)</p> | <p>For the points excluded from the definition of relevant points referred to in point 3.2(1)(a) of Annex I to Regulation (EC) No 715/2009, the information on the amount of forecasted contracted capacity and the forecasted quantity of the gas flow shall be published as set out in point 3.2(2) of Annex I to Regulation (EC) No 715/2009</p> | <p>No such points available</p> |
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