



Publication according to Art. 30 Regulation (EU) 2017/460 (NC Tariffs)

TAR NC	Description	Information/ Link
	Information to be published before the annual auction (tariff period 2021)	
Art. 30 (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
Art. 30 (1)(b)(i)	Information on the allowed and/or target revenue.	The allowed revenues of FNB for the year 2021 are: 124.554.395 €
Art. 30 (1)(b)(ii)	Information related to changes in the revenue.	At terranets bw the decrease of the permissible revenue cap for the fee period 2021 compared to the revenue cap for 2020 results in particular from lower costs for load flow commitments to ensure security of supply in Baden-Württemberg.
Art. 30 (1)(b)(iii)	Information related the following Parameters: types of assets, cost of capital, capital and operational expenditures, incentive mechanisms and efficiency targets, inflation indices.	Regulated asset base of cost base year 2015: 345.564.288 € Types of regulated assets (see Annex 1 of GasNEV): I. General Installations II. Gas container III. Compressor stations VI. Pipelines/ House connection pipelines VII. Measuring, control and metering installations VIII. Remote control installations
		Cost of capital of cost base year 2015: 32.557.089 € The methodology to calculate the cost of capital is determined in sections 6-8 GasNEV.



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		<p>The capital expenditures are determined on the basis of the historical procurement and manufacturing costs of the asset. There is no re-evaluation of assets foreseen in the German incentive regulation. The assets are depreciated on a linear basis in accordance with section 6 (5) GasNEV. The depreciation period are set in Annex 1 GasNEV.</p> <p>Depreciation periods and amounts per asset type:</p> <ul style="list-style-type: none">I. General installations 3-70 years (no depreciation for property) amount in cost base year 2015: 3.672.929 €II. Gas container 45-55 years amount in cost base year 2015: 659.182 €III. Compressor stations 20-60 years amount in cost base year 2015: 2.423.507 €IV. Pipelines/ House connection pipelines 30-65 years amount in cost base year 2015: 9.069.140 €V. Measuring, control and metering installations 8-60 years amount in cost base year 2015: 2.582.052 €VI. VI. Remote control installations 15-20 years amount in cost base year 2015: 1.668.659 € <p>OPEX of of cost base year 2015: 61.664.196 €</p>



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		<p>German transmission system operators are subject to the incentive regulation system according to the requirements of the ARegV, §§12-16 regulate incentive mechanisms and efficiency targets.</p> <p>The revenue cap of a transmission system operator (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 TSO 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.</p> <p>Furthermore, the regulatory authority calculates a general sector productivity factor that is consistently applied to all transmission system operators.</p> <p>The general sector productivity factor for the third regulatory period is 0.49%.</p> <p>The individual efficiency score of FNB is 93,98 %.</p> <p>The inflation index used to determine the allowed revenues 2021 is (t-2): VPI 2019: 105.30</p>
<p>Art. 30 (1)(b)(iv,v)</p>	<p>Information on the transmission services revenue including capacity-commodity split, entry-exit split and intra-system/cross-system split.</p>	<p>Allowed revenues for Transmission services of FNB 2021: 91.200.678 €</p> <p>Capacity-commodity split: 100% capacity-based transmission tariffs</p> <p>Entry-exit split in entry-exit system GASPOOL/ NetConnect Germany: 32,77 % entry 67,23 % exit</p> <p>Entry-exit split in entry-exit system Trading Hub Europe: 36.0 % entry 64.0 % exit</p>



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		<p>Cross-border-domestic split in entry-exit system GASPOOL/ NetConnect Germany: 81,07 % domestic usage 18,93 % cross-border usage.</p> <p>Cross-border-domestic split in entry-exit system Trading Hub Europe: 74.9 % domestic usage 25.1 % cross-border usage.</p> <p>In conjunction with Art. 26 NC TAR consultation, the cost allocation test was carried out by the Bundesnetzagentur (BNetzA). The results, including an assessment, are published on the BNetzA website via REGENT for the Net Connect Germany (BK9-18/610-NCG), Gaspool (BK9-18/611-GP) and Trading Hub Europe (BK9-19/610) entry-exit systems.</p>
Art. 30 (1)(b)(vi)	Information related to the previous tariff period regarding the reconciliation of the regulatory account.	<p>Actual regulated revenues from transmission and non-transmission services 2019: 139.694.248 €</p> <p>Transmission services: 113.605.768 €</p> <p>Non-transmission services: 26.088.480 €</p> <hr/> <p>Aggregated balance of the regulatory account of the closed financial year 2019: 16.133.123 €</p> <hr/> <p>Reconciliation of the regulatory account for the concluded business year 2019 is determined in the year 2020 and it will be reconciled in equal instalments – including interest payments – over the subsequent three calendar years.</p> <p>Incentive mechanisms specifically for the regulatory account do not exist in the German regulatory system.</p>
Art. 30 (1)(b)(vii)	Information on the 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 tariff-reducing effect in the years in which the regulatory account is reconciled.</p>



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Art. 30 (1)(c)	Information on transmission and non-transmission tariffs accompanied by the relevant information related to their derivation.	<p data-bbox="974 268 2029 483">As part of the REGENT-GP / REGENT-NCG and REGENT 2021 decision, Bundesnetzagentur has decided the application of the reference price methodology postage stamp in the entry-exit system GASPOOL / Net Connect Germany and Trading Hub Europe. According to this, the transmission service revenues are to be divided by the forecasted contracted capacities of the entry and exit points of the calendar year.</p> <p data-bbox="974 831 1330 858"><u>Derivation of Biogas charge</u></p> <p data-bbox="974 884 2029 1209">In accordance with number 6 BNetzA decision REGENT-GP/ REGENT-NCG and REGENT 2021, the Biogas charge according to section 20b GasNEV is classified as non-transmission service. The derivation of Biogas charge is also described there and in section 7 of the Cooperation Agreement between the Operators of Gas Supply Networks in Germany as of 30 October 2019. According to this, all biogas-costs of 2021 in Germany in the amount of 191,593,308 € are divided by all forecasted contracted capacity for TSO exit points to DSO and end consumers (without consideration of multipliers or seasonal factors) of 2021 in the amount of 306,560,401 (kWh/h)/a. Hence, the biogas charge is 0.6250 €/(kWh/h)/a.</p>



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		<p><u>Derivation of Market area conversion charge</u></p> <p>In accordance with number 5 BNetzA decision REGENT-GP/ REGENT-NCG and REGENT 2021 the Market area conversion charge according to section 19a(1) Energy Industry Act is classified as non-transmission service. The derivation of Market area conversion charge is also described there and in section 10 of the Cooperation Agreement between the Operators of Gas Supply Networks in Germany as of 30 October 2019. According to this, all market conversion costs of 2021 in the amount of 223,527,688 € are divided by all forecasted contracted capacity for TSO exit points to DSO and end consumers (without consideration of multipliers or seasonal factors) of 2021 in the amount of 306,560,401 (kWh/h)/a. Hence, the market area conversion charge is 0.7291 €/(kWh/h)/a.</p> <p><u>Derivation Metering charge</u></p> <p>Pursuant to number 7 of the REGENT Decision (BK9-18/610-NCG) of the Federal Network Agency, metering point operation, including metering pursuant to number 4 (1) sentence 2 of Regulation (EU) No. 2017/460, is classified as a system service at exit points to final consumers and downstream distribution networks, while at all other points it is classified as a transmission service. The fee for metering point operation, which includes metering, shall be paid at exit points to final consumers and downstream network operators at which terrannets bw assumes the corresponding market role.</p>



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Art. 30 (2)(a)	Information on transmission tariff changes and trends	<p>The stamp of the entry-exit system NCG will be reduced by 30 ct./(kWh/h)/a in 2021 compared to 2020. This change is based on regular fee adjustments taking into account changes in input parameters allowed revenues and forecasts of contracted capacity of the transmission system operators involved. With the launch of the entry-exit system Trading Hub Europe (THE) on 1 October 2021, the postage stamp will increase slightly by 3 ct./(kWh/h)/a compared to the NCG postage stamp. In the past, the postage stamp of the entry-exit system NCG was higher than the postage stamp of the entry-exit system GASPOOL. At the start of the nationwide entry-exit system THE, the capacity forecasts had to be adjusted to reflect, among other things, the elimination of previous interconnection points between the entry-exit systems GASPOOL and NetConnect Germany and changed discounts for interruptible capacities, DZK and bFZK.</p> <p>Based on the data provided by the FNB, Bundesnetzagentur has forecasted the development of tariffs and published it in Appendix 5 of REGENT 2021. According to this, a slight increase of the tariffs in 2022 and 2023 are to be expected. Further information can be found on the website of the Bundesnetzagentur.</p>
Art. 30 (2)(b)	Information about the used tariff model and an explanation how to calculate the transmission tariffs applicable for the prevailing tariff period.	Simplified model