

Publication requirements according Commission Regulation (EU) 2017/460 (NC TAR) (as of 30 May 2018)	Description	Information
Information to be published before the annual yearly capacity auction (Art. 29 NC TAR)		
Art. 29 (a)	information on firm standard capacity products (reserve prices, multiplier, seasonal factors,...)	Tariffs for firm standard capacity products: for 2018: https://www.thyssengas.com/fileadmin/user_upload/downloads/netzzugang/ausschreibungen/netzentgelte/2018/Price_Sheet_TG_01.01.2019.pdf for 2019: https://www.thyssengas.com/fileadmin/user_upload/downloads/netzzugang/ausschreibungen/netzentgelte/2017/37_EN-Preisblatt_TG_01.01.2018.pdf For the justification of the level of multipliers, we refer to BNetzA Decision BK9-14/608.
Art. 29 (b)	information on interruptible standard capacity products (reserve prices, assessment of the probability of interruption)	Tariffs for interruptible standard capacity products: for 2018: https://www.thyssengas.com/fileadmin/user_upload/downloads/netzzugang/ausschreibungen/netzentgelte/2018/Price_Sheet_TG_01.01.2019.pdf for 2019: https://www.thyssengas.com/fileadmin/user_upload/downloads/netzzugang/ausschreibungen/netzentgelte/2017/37_EN-Preisblatt_TG_01.01.2018.pdf Regarding the probability of an interruption we refer to BNetzA Decision BK9-14/608 which sets out the methodology to calculate discounts for interruptible capacities to be used as an estimation of the probability of an interruption. The data necessary for calculating the discount is available - on the ENTSOG Transparency Platform: https://transparency.entso.eu/ - für alle Punkte, an denen der Abschlag größer als 10% ist, im folgenden Dokument: https://thyssengas.com/fileadmin/user_upload/downloads/netzauskunft/transparenzinformation/2018/Abschla__ge__unterbrechbare__Kapazita__t__discount__interruptible__capacity.pdf
Publication requirements according Commission Regulation (EU) 2017/460 (NC TAR) (as of 1 December 2017)		
Information to be published before the tariff period (Art. 30 NC TAR)		
Art. 30 (1a) i)	technical capacity at entry and exit points and associated assumptions	Not applicable (N/A)
Art. 30 (1a) ii)	forecasted contracted capacity at entry and exit points and associated assumptions	Forecasted contracted entry capacity: 9,882,149 kWh/h Forecasted contracted exit capacity at storages: 500,000 kWh/h Forecasted contracted exit capacity at other points: 25,309,444 kWh/h Assumptions: contracted capacities as well as forecasted contracted capacities, capacities are weighted according to the decision BEATE (decision BK9-14/608 of the Federal Network Agency)
Art. 30 (1b)(i)	the allowed or target revenue, or both, of the transmission system operator	Allowed revenue 2018: 166,997,426 €
Art.30 (1b) (ii)	the information related to changes in the revenue referred to in point (i) from one year to the next year	The change in the allowed revenue 2018 compared to the allowed revenue 2017 can be essentially explained by the changed cost base of the 3rd regulatory period (cost base year 2015). The cost base was adjusted according to the formula of the ARegV (see Annex 1 to ARegV).
Art.30 (1b) (iii) (1)	types of assets included in the regulated asset base and their aggregated value	Types of regulated assets (see Annex 1 of ARegV): I. General installations II. Gas container III. Compressor stations IV. Pipelines/ House connection pipelines V. Measuring, control and metering installations VI. Remote control installations Total regulated asset base of cost base year 2015: 459,420,433 €
Art.30 (1b) (iii) (2)	cost of capital and its calculation methodology	Cost of capital in the cost base year 2015: 43,979,914 € The methodology of calculating the cost of capital are determined in sections 6-8 GasNEV.
Art.30 (1b) (iii) (3)	capital expenditures, including:	
	a) methodologies to determine the initial value of assets	The procurement and manufacturing costs of the assets are calculated according to section 255 HGB.
	b) methodologies to re-evaluate the assets	There is no re-evaluation of assets foreseen in the German incentive regulation.
	c) explanations of the evolution of the value of the assets	The assets are depreciated on a linear basis in accordance with section 6 (5) GasNEV. The depreciation periods are set in Annex 1 GasNEV.
Art.30 (1b) (iii) (3)	d) depreciation periods and amounts per asset type	Depreciation periods and amounts per asset type:
		I. General installations 3-70 years (no depreciation for land) amount in cost base year 2015: 2,877,945 €
		II. Gas container 45-55 years amount in cost base year 2015: 0 €
		III. Compressor stations 20-60 years amount in cost base year 2015: 3,236,422 €
		IV. Pipelines/ House connection pipelines 30-65 years amount in cost base year 2015: 13,408,238 €
		V. Measuring, control and metering installations 8-60 years amount in cost base year 2015: 6,933,262 €
VI. Remote control installations 15-20 years		
Art.30 (1b) (iii) (4)	operational expenditures	Operational expenditures of cost base year 2015: 95,167,718 €
Art.30 (1b) (iii) (5)	incentive mechanisms and efficiency targets	German transmission system operators are subject to the incentive regulation system. The incentive system and the efficiency targets are set out in §§ 12-16 ARegV. 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. Furthermore, the regulatory authority calculates a general sector productivity factor that is consistently applied to all TSO. Both the individual company efficiency value and the general sector productivity factor for the 3rd regulatory period are not finally determined yet.
Art.30 (1b) (iii) (6)	inflation indices	The inflation index is yielded from the specifications of section 8 ARegV. The value VPI in the formula of annex 1 ARegV for the revenue cap 2018 is set by the published value for 2016 of Statistisches Bundesamt and amounts to 107,4. The value of the base year (VP0) in the formula of annex 1 ARegV is set by the published value for 2015 of Statistisches Bundesamt. The figure for the year 2015 is 106,9. https://www.destatis.de/DE/ZahlenFakten/Gesamtwirtschaft/umwelt/Preise/Verbraucherpreisindizes/Tabellen/_VerbraucherpreisKategorien.html?cms_otp=145110_slot%53D2
Art. 30 (1b) (iv)	the transmission services revenue	Transmission services revenue 2018: 163,654,906 €

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	the following ratios for the revenue referred to in point (iv):	
Art. 30 (1b) (v)	(1) capacity-commodity split, meaning the breakdown between the revenue from capacity-based transmission tariffs and the revenue from commodity-based transmission tariffs	Capacity-commodity split in %: 100/0
	(2) entry-exit split, meaning the breakdown between the revenue from capacity-based transmission tariffs at all entry points and the revenue from capacity-based transmission tariffs at all exit points	Entry-Exit-Split in %: 19/81
	(3) intra-system/cross-system split, meaning the breakdown between the revenue from intra-system network use at both entry points and exit points and the revenue from cross-system network use at both entry points and exit points calculated as set out in Article 5	Not applicable in 2018 (N/A) Cross-border-domestic split will be determined in conjunction with Art. 26 NC TAR consultation
Art. 30 (1b) (vi)	where and to the extent that transmission system operator functions under a non-price cap regime, the following information related to the previous tariff period on regarding the reconciliation of the regulatory account:	
	(1) the actually obtained revenue, the under- or over-recovery of the allowed revenue and the part thereof attributed to the regulatory account and, if applicable, sub-accounts within such regulatory account	Actual obtained revenue from transmission and non-transmission services 2016: 210,228,072 € Aggregated balance of the regulatory account of the closed financial year 2016: -7,922,568 €
	(2) the reconciliation period and the incentive mechanisms implemented	Reconciliation of the regulatory account for the concluded business year 2016 is determined in the year 2017 and it will be reconciled in equal instalments - including interest payments - over the subsequent 5 calendar years. Incentive mechanisms specifically for the regulatory account do not exist in the German regulatory system.
Art. 30 (1b) (vii)	the intended use of the auction premium	According to Article 13(4) Gas Network Access Ordinance (GasNZV) 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.
Art. 30 (1c)	the following information on transmission and non-transmission tariffs, accompanied by the relevant information related to their derivation:	
Art.30 (1c) (i)	where applied, commodity-based transmission tariffs related to in Article 4(3)	Not applicable (N/A)
Art.30 (1c) (ii)	where applied, non-transmission tariffs for non-transmission services referred to in Article 4(4)	<p><u>Derivation of Biogas charge</u> In accordance with number 6 BNetzA decision BK9-17/609 ("INKA") the Biogas charge according to section 20b GasNEV is classified as non-transmission service. The derivation of Biogas charge is described in section 7 of the Cooperation Agreement between the Operators of Gas Supply Networks in Germany as of 27 October 2017. According to this, all biogas-costs of 2018 in Germany in the amount of 199,507,936.84 € are divided by all forecasted contracted capacity for TSO exit points to DSO and end consumers (without consideration of multipliers or seasonal factors) of 2018 in the amount of 291,495,192.67 (kWh/h)/a. Hence, the biogas charge is 0.68443 €/kWh/h/a.</p> <p><u>Derivation of Market area conversion charge</u> In accordance with number 6 BNetzA decision BK9-17/609 ("INKA") 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 described in section 10 of the Cooperation Agreement between the Operators of Gas Supply Networks in Germany as of 27 October 2017. According to this, all market conversion costs of 2018 in the amount of 104,442,367.39 € are divided by all forecasted contracted capacity for TSO exit points (including IP and storage exit points, but without consideration of multipliers or seasonal factors) of 2018 in the amount of 403,738,196 (kWh/h)/a. Hence, the market area conversion charge is 0.2587 €/kWh/h/a.</p> <p><u>Derivation of tariffs for meter operation and meter reading</u> Section 6 of the decision of the Federal Network Agency (BK9-17/609, decision "INKA") classifies meter operation and meter reading as system services according to § 20b GasNEV. With regard to § 15 Section 7 GasNEV Thyssengas raises tariffs for meter operation and meter reading at exit points at which Thyssengas provides the respective service. The derivation of the tariffs for meter operation and meter reading is based on the costs for providing this service as well as the forecasted contracted capacities at the respective exit points. The tariffs are capacity depending and depend on Thyssengas being or not being the owner of the measuring station (meter operation) as well as the measuring station being RLM od SLP (meter reading). They are published in the price sheet on the Thyssengas website.</p> <p>Thyssengas GmbH Price Sheet for Shippers and Downstream Network Operators applicable from 1 January 2018</p>
Art.30 (1c) (iii)	the reference prices and other prices applicable at points other than those referred to in Article 29	Thyssengas GmbH Price Sheet for Shippers and Downstream Network Operators applicable from 1 January 2018
Art.30 (2)	In addition, the following information shall be published with regard to transmission tariffs:	
Art. 30 (2a) (i)	an explanation of the following: 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	The change of tariffs from 2017 to 2018 essentially results from the change of the cost basis (2018 is the first year of the new regulatory period); the forecasted capacities remain largely unchanged.
Art.30 (2a) (ii)	an explanation of the following: 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	For the tariff period 2019 we assume that transmission services tariffs will increase by approx. 5% on average compared with tariffs for the year 2018. It is currently impossible to make a valid estimation about what reference price method will be applicable for tariff calculation in the years 2020 ff. Correspondingly, no prognostic statements can be made regarding tariff development in the years 2020-2022. In this matter we therefore refer to the final consultation according to Article 26 of the Tariff Network Code, which is carried out according to the decision "INKA" (BK9-17/609) by the Federal Network Agency.
Art. 30 (2)(b)	at least a simplified tariff model, updated regularly, accompanied by the explanation of how to use it, enabling network users to calculate the transmission tariffs applicable for the prevailing tariff period and to estimate their possible evolution beyond such tariff period	Simplified tariff model according to Commission Regulation (EU) 2017/460 (NC TAR)
Art.30 (3)	for the points excluded from the definition of relevant points referred to in point 3.2(1)(a) of Annex 1 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 1 to Regulation (EC) No 715/2009	Forecasted contracted capacity at points not being relevant according to point 3.2(1)(a) of Annex 1 to Regulation (EC) No 715/2009: 23,338,357 kWh/h. The forecasted quantity of the gas flow is not relevant for the tariff determination.