

**Publication acc. to Art. 25 Para 2, Art. 28 Para 3 REG (EU) 2017/459 (NC CAM)  
regarding the procedure, initiated in 2017, for incremental capacities at the  
border between the market areas GASPOOL and TTF**

**30 April 2019**

**I. Introduction**

Following the conclusion of phase 1 of the procedure initiated in 2017 in accordance with Regulation (EU) 2017/459 (network code on capacity allocation mechanisms in gas transmission systems; hereinafter “NC CAM”) for incremental capacities at the market area border between the market areas GASPOOL and TTF, the participating transmission system operators (TSOs) started the design phase for the technical projects (phase 2) and concluded their consultations at the end of 2017. The Technical Study described how the transmission system can be expanded efficiently in consideration of the transmission system topology and economic aspects. This project application, submitted and published on 15 February 2019, is a joint document of the involved TSOs of the GASPOOL market area. The involved TSOs are GASCADE Gastransport GmbH (hereinafter: GASCADE) and Gasunie Deutschland Transport Services GmbH (hereinafter: GUD). The project proposal was approved by Bundesnetzagentur with decision BK9-19/001. Adjacent TSO in the market area TTF is Gasunie Transport B. V. (hereinafter GTS).

**Publication acc. to Art. 28 Para. 3**

**II. Approval contents according to Art. 25 Para. 1 NC CAM**

**a. Offer Level acc. to Art. 28 para. 1 lit. a NC CAM**

GUD will offer two offer levels for incremental capacity in the annual auction 2019 at the new cross border point Knock. The mandatory reservation of 20% for incremental capacities pursuant to Art. 8 (8) NC CAM and the ruling by the Federal Network Agency (BNetzA) BK7-15-001 (KARLA Gas) will be taken into account. There will be one auction for offer level 1 and one auction for offer level 2 per gas year (GY). The different reservation rates will result in unbundled products on the TTF side.

Offer Levels 1 and 2 will be offered from GY 25/26 to GY 39/40. The capacity products of offer levels 1 and 2 are shown in the following tables. The capacity was defined in accordance with Art. 11 Para. 6 NC CAM<sup>1</sup>:

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<sup>1</sup> A to F acc. to Art. 11 Para. 6 NC CAM: A – technical capacity; B – amount of technical capacity which is set aside acc. to Art. 8; C – sold technical capacity; D – additional capacity; E – incremental capacity in a respective offer level; F - amount of incremental capacity which is set aside acc. to Art. 8.

Offer Level 1 - GUD								
From	To	A	B	C	D	E	F	capacity offered
01.10.2025	01.10.2026	0	0	0	0	7,300,000	1,460,000	5,840,000
01.10.2026	01.10.2027	0	0	0	0	7,300,000	1,460,000	5,840,000
01.10.2027	01.10.2028	0	0	0	0	7,300,000	1,460,000	5,840,000
01.10.2028	01.10.2029	0	0	0	0	7,300,000	1,460,000	5,840,000
01.10.2029	01.10.2030	0	0	0	0	7,300,000	1,460,000	5,840,000
01.10.2030	01.10.2031	0	0	0	0	7,300,000	1,460,000	5,840,000
01.10.2031	01.10.2032	0	0	0	0	7,300,000	1,460,000	5,840,000
01.10.2032	01.10.2033	0	0	0	0	7,300,000	1,460,000	5,840,000
01.10.2033	01.10.2034	0	0	0	0	7,300,000	1,460,000	5,840,000
01.10.2034	01.10.2035	0	0	0	0	7,300,000	1,460,000	5,840,000
01.10.2035	01.10.2036	0	0	0	0	7,300,000	1,460,000	5,840,000
01.10.2036	01.10.2037	0	0	0	0	7,300,000	1,460,000	5,840,000
01.10.2037	01.10.2038	0	0	0	0	7,300,000	1,460,000	5,840,000
01.10.2038	01.10.2039	0	0	0	0	7,300,000	1,460,000	5,840,000
01.10.2039	01.10.2040	0	0	0	0	7,300,000	1,460,000	5,840,000

Offer Level 2 - GUD								
From	To	A	B	C	D	E	F	capacity offered
01.10.2025	01.10.2026	0	0	0	0	11,900,000	2,380,000	9,520,000
01.10.2026	01.10.2027	0	0	0	0	11,900,000	2,380,000	9,520,000
01.10.2027	01.10.2028	0	0	0	0	11,900,000	2,380,000	9,520,000
01.10.2028	01.10.2029	0	0	0	0	11,900,000	2,380,000	9,520,000
01.10.2029	01.10.2030	0	0	0	0	11,900,000	2,380,000	9,520,000
01.10.2030	01.10.2031	0	0	0	0	11,900,000	2,380,000	9,520,000
01.10.2031	01.10.2032	0	0	0	0	11,900,000	2,380,000	9,520,000
01.10.2032	01.10.2033	0	0	0	0	11,900,000	2,380,000	9,520,000
01.10.2033	01.10.2034	0	0	0	0	11,900,000	2,380,000	9,520,000
01.10.2034	01.10.2035	0	0	0	0	11,900,000	2,380,000	9,520,000
01.10.2035	01.10.2036	0	0	0	0	11,900,000	2,380,000	9,520,000
01.10.2036	01.10.2037	0	0	0	0	11,900,000	2,380,000	9,520,000
01.10.2037	01.10.2038	0	0	0	0	11,900,000	2,380,000	9,520,000
01.10.2038	01.10.2039	0	0	0	0	11,900,000	2,380,000	9,520,000
01.10.2039	01.10.2040	0	0	0	0	11,900,000	2,380,000	9,520,000

The offer level only consist out of incremental capacity and do not consider existing capacity.

Information regarding available existing capacity can be found in section III Information according to Tenor 3 of the NRA approval.

**b. General and Supplementary Terms and Conditions acc. to Art. 28 para. 1 lit. b NC CAM**

The general and Supplementary Terms and Conditions are attached to this document.

**c. Timeline for the incremental capacity project acc. to point (c) Art. 28 para. 1 point (c)**

The steps of the procedure initiated in 2017 for incremental capacities have been outlined pursuant to NC CAM as follows:

Starting date	End date	Description
27/07/2017		Start of the design phase
27/07/2017	19/10/2017	Technical Studies by the TSOs
19/10/2017		Publication of the consultation documents
19/10/2017	19/12/2017	Public consultation
19/12/2017	15/02/2019	Planning of the offer levels by the TSOs in close cooperation with the national regulatory authorities
15/02/2019	15/04/2019	Approval and publication of the required parameters by the national regulatory authorities pursuant to Art. 28 (1) NC CAM
15/04/2019	30/04/2019	Adaptation of the offer levels by the TSOs in consideration of the requirements of the regulatory authorities
01/05/2019		Publication of the approved parameters, the capacity products and the template of the contract(s) for the capacities offered within the framework of the network expansion project
01/07/2019		Annual auction/Economic test

The table below shows the further steps and also outlines a rough timeline for the technical measures. This timeline already includes time buffers for the avoidance of delays in provision of the capacities.

Starting date	Duration	Description
08/2023	5 months	Necessary internal project initiation
12/2023	4 months	Detail engineering
08/2024	9 months	Applications and approvals
04/2024	9 months	Tender and award
08/2024	9 months	Order/delivery
12/2024	4 months	Order/delivery of other materials
04/2025	6 months	Construction phase
10/2025		Operational startup
10/2025	5 months	Project conclusion/completion

The aforementioned dates are provisional and subject to change.

**d. Parameters defined in Article 22 Para. 1 NC CAM****i. Parameters defined in Article 22 Para. 1 a NC CAM**Auction premium:

The algorithm for ascending clock auctions pursuant to Art. 17 NC CAM applies to the auction of the incremental capacities pursuant to Art. 29 (1) NC CAM. This may result in an auction premium. Any such premium will not be known until after the annual auction 2019. For this reason, it was not taken into account in the calculation of the f-factor, but it must be included in the economic test.

Mandatory minimum premium:

No mandatory minimum premium is used.

Present value of binding commitments of network users:

Acc. to decision BK9-19/001 binding commitments for incremental capacity after GY 2033/2034 must not be considered. This results in a present value of binding commitments of:

- Marketing of existing capacity: €0
- offer level 1: €104,468,209.00 €
- offer level 2: €133,704,092.47 €

**ii. Parameters defined in Article 22 Para. 1 b NC CAM**

The following estimated allowed revenue increases were calculated with the aid of the BNetzA tool:

- Marketing of existing capacity: €0
- Marketing offer level 1: €2,173,439.37
- Marketing offer level 2: €14,977,323.29

**iii. F-factor acc. to point (c) of Art. 22 (1) NC CAM**

The following f-factors have been calculated with the aid of the BNetzA tool:

- Marketing offer level 1: 0.67
- Marketing offer level 2: 0.63

**e. Exceptionally extended marketing horizon acc. to point (e) of Art. 28 (1) NC CAM**

An extended marketing horizon is not used.

**f. Alternative allocation mechanism acc. to point (f) of Art. 28 (1) NC CAM**

An alternative allocation mechanism is not used.

**g. Fixed price approach acc. to point (g) of Art. 28 (1) NC CAM**

A variable price system is used in Germany, so fixed prices were not used.

**Publication acc. To. Art. 25 Para. 2**

**h. Reference price according to Art. 25 Para. 1 NC CAM**

The reference price for the offered incremental capacity is 3,7715 €/(kWh/h)/a. Information regarding f-factor, present value of the estimated increase in the allowed revenue and mandatory minimum premium see below.

**III. Information according to Tenor 3 of the NRA approval**

In order to ensure efficient network expansion, the existing capacities at the GASPOOL - TTF market area boundary shall be considered. According to decision BK9-19/001 contacted incremental capacity may be considered in the economic test in one respective GY, when existing capacity at the network points Bunde and at network point Oude Statenzijl H is offered and the auction ends with an auction premia or all offered capacity is booked in this respective GY. The following chart illustrates the precondition:

Gasyear		19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34	34/35	35/36	36/37	37/38	38/39	39/40											
Consideration of capacity bookings at IP Knock in the economic test acc. to Art. 22 NC CAM		Period prior provision of incremental capacity; therefore no relevant capacity bookings						Consideration of capacity bookings in a specific GY, if the exit capacity at network points Bunde and Oude Statenzijl H in that GY was sold at an auction premia or was sold completely						<b>No consideration of incremental capacity bookings, because network points Bunde and Oude Statenzijl H are not offered</b>																			
<b>Condition: Existing Capacity has to be booked in total or with auction premia</b>	Available Exit Capacity (kWh/h)	X						X						X																			
	Condition reg. IP Bunde																			+/-		+/-		+/-		+/-		+/-		+/-		+/-	
	Condition reg. IP Oude Statenzijl H																			+/-		+/-		+/-		+/-		+/-		+/-		+/-	
	Condition in total																			+/-		+/-		+/-		+/-		+/-		+/-		+/-	
								Oude Statenzijl H: 1.680,000 Bunde: 697,891 Oude Statenzijl H: 1.680,001 Bunde: 697,891 Oude Statenzijl H: 1.680,002 Bunde: 697,891 Oude Statenzijl H: 1.680,003 Bunde: 697,891 Oude Statenzijl H: 1.680,004 Bunde: 697,891 Oude Statenzijl H: 1.680,005 Bunde: 697,891 Oude Statenzijl H: 1.680,006 Bunde: 697,891 Oude Statenzijl H: 1.680,007 Bunde: 6,279,300 Oude Statenzijl H: 1.680,008 Bunde: 8,642,315																									

Available existing capacity will be offered in standard capacity products at the market area border Exit GASPOOL – Entry TTF by GASCADE at network point Bunde and by GUD at network point Oude Statenzijl H. The available existing capacity is shown below.

products to be offered	existing capacity		
	total amount	existing capacity FZK GUD Oude Statenzijl H	existing capacity FZK Gascade Bunde
GY 25/26	2,377,891	1,680,000	697,891
GY 26/27	2,377,891	1,680,000	697,891
GY 27/28	2,377,891	1,680,000	697,891
GY 28/29	2,377,891	1,680,000	697,891
GY 29/30	2,377,891	1,680,000	697,891
GY 30/31	2,377,891	1,680,000	697,891
GY 31/32	2,377,891	1,680,000	697,891
GY 32/33	7,959,300	1,680,000	6,279,300
GY 33/34	10,322,315	1,680,000	8,642,315
GY 34/35			
GY 35/36			
GY 36/37			
GY 37/38			
GY 39/40			
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#### IV. Contact Data

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#### V. Annexes

1. Terms and Conditions
2. Supplementary terms and Conditions