

Biogas Register Germany – Catalogue of Criteria (status 01.02.2024)

No. (type)	Designation	No. (type)	Designation
1 (b)	Biomass within the meaning of the Biomass Ordinance [Biomasseverordnung, BiomasseV]	21 (b)	Methane emission (EEWärmeG 2009)
1b (b)	Broad biomass term EEG 2017	22 (b)	Process heat/waste heat (EEWärmeG 2009)
2 (b)	Exclusivity	23 (b)	DIN 51624
3 ¹ (b)	Other biomass (Electricity Tax Act [Stromsteuergesetz, StromStG])	24 ¹ (c)	Mass balance system (Federal Office for Agriculture and Food [Bundesanstalt für Landwirtschaft und Ernährung, BLE])
4 (b)	Quantity structure is plausible	25 ³ (a)	Proof of sustainability for the interface
5 (b)	Record of the substances used	26 (b)	Proof of sustainability of the biomass used
6 (b)	Feed-in quantity into the natural gas network	27 (b)	Mass balancing up to the injection into the natural gas network
7 (b)	Natural gas quality for the entire quantity	28 (b)	Substance tariff class 0
8 ¹ (b)	Maximum methane emission (Renewable Energy Sources Act [Erneuerbare-Energien-Gesetz, EEG] 2009)	29 (b, U)	Substance tariff class 1
9 (b)	Maximum electricity consumption (EEG 2009/2012 and Renewable Energies Heat Act [Erneuerbare-Energien-Wärmegesetz, EEWärmeG] 2009/2011)	30 (b, U)	Substance tariff class 2a
10 (b)	Renewable process heat (EEG 2009/2012)	31 (b, U)	Substance tariff class 2b (manure)
11 (a)	Capacity up to 350Nm ³ /h	32 (a)	nominal output 0-700Nm ³ /h
12 (a)	Capacity 350-700Nm ³ /h	33 (a)	nominal output 700-1,000Nm ³ /h
13 (a)	Linking of gas processing plants does not apply	34 (a)	nominal output 1,000-1,400Nm ³ /h
14 (b)	Renewable raw materials [Nachwachsende Rohstoffe, Nawaro]/manure	35 (b)	Digestate storage, retention time, gas appliance
15 (b, U)	Possibly by-products	35a (b)	retention time, gas appliance
16 ¹ (a)	One plant per facility site	36 (b)	Composting facility for Digestate
17 (b)	Digestate storage cover/gas flare	37 (b)	Maize cap (max. 60%)
17a (b)	Gas flare	38 (b)	Max. methane emission (EEG 2012 and EEWärmeG 2011)
18 (b, U)	Landscape conservation	39 (b)	Biowaste (min. 90%)
19 (b)	Landfill gas exclusively	39a (b)	Biowaste (predominant)
20 (b)	Sewage gas exclusively	40 (b)	Recycling of the digestate
		41 (b)	Biomass within the meaning of the EEWärmeG
		41a (b)	Biomass as defined by the GEG

No. (type) Designation

- 42 (b) Biomass within the meaning of the Section 7 of the 36th Federal Immission Control Ordinance [Bundes-Immissionsschutzverordnung, BImSchV]
- 43 (b) Biomass within the meaning of the Monitoring Ordinance [Monitoring-Verordnung, MVO]
- 44 (b) Gas exclusively from renewables-based electricity.
- 45 (a) Temporary storage prior to the electricity grid
- 46 (b) No deliberate generation of CO/CO₂
- 47 (b) H₂/CH₄ far predominantly from RE according to RL 2009/28/EG
- 48 (b) Exclusivity electrolyzer
- 49 (a) Gas processing plant with first injection prior to 23.01.2014
- 50 (a) Gas processing plant with permit prior to 23.01.2014 and injection prior to 01.01.2015
- 51 (b) Maize use in mass percentage (specify percentage share in verification related comment)

Notes.

Type of verification

- a: plant-related criterion, part of the plant audit (is documented in advance)**
- b: operational criterion, prerequisite for the company audit (is documented at a later date)**
- c: batch-related criterion, must again be evidenced by the user in the event of a division/change of ownership, complete chain of evidence is necessary.**
- U: This examination has to be performed by an environmental expert.**

Footnotes

- 1. Criteria 3, 8, 16 and 26 do no longer apply and/or the expiry of their applicability is foreseeable. More details can be found in the explanations regarding the individual criteria.**
- 2. The documentation of mixed input remuneration classes can only be carried out by environmental verifiers.**
- 3. Mass balancing according to the legal requirements via the web application nabisy of the Federal Agency for Agriculture and Food (BLE).**

Legal notice:

The following explanations concerning the catalogue of criteria of the biogas register were prepared to the best of the registrar's knowledge. However, the registrar does not assume any responsibility as to whether or not the information provided is complete, accurate and up-to-date. The registrar intends to provide a helpful overview of the essential criteria by means of this explanation.

Please note that the registrar does not and/or must not make any legally binding or consulting statements.

Explanations of the criteria

No. (Type)	Criterion	Explanation	Legal references
1 (b)	Biomass within the meaning of the Biomass Ordinance	<p>Only biomass within the meaning of the BiomasseV 2012/2014/2017 was used in the production of the biogas (example: plants and plant components, section 2 subsection 2 no. 1 BiomasseV 2012/2014/2017). Under current law, this requirement applies both to installations in the tendering process (section 22(4) sentence 1 EEG 2021) and to those not subject to a tendering obligation (section 42 EEG 2021).</p> <p>If applicable, it must also be checked here whether biomass outside the definition of the Biomass Ordinance was used on a pro rata basis. For example, the use of certain animal by-products would be permissible, but not eligible under the Renewable Energy Sources Act, because it is biomass, but outside the Biomass Ordinance, as section 3 no. 9 Biomass Ordinance shows. The auditor then checks whether the other biomass used was indeed exclusively other biomass (and not, for example, another fermentable substance such as paper, cardboard,...). In addition, it is checked that the specified proportion of other biomass was complied with (input material diary).</p>	<ul style="list-style-type: none"> ■ cf. § 22 para. 4 p. 1, 42 EEG 2021; § 22 para. 4 p. 1, § 42 EEG 2017; § 44 EEG 2014; § 27 para. 1 EEG 2009/2012; ■ § 8 para. 1 EEG 2004; ■ § Section 3 no. 1 EWärmeG BW 2008; Section 3 no. 10 a) EWärmeG 2015 BW ■ § 2 para. 1 Biokraft-NachV, § 37b para. 1 BImSchG ■ if applicable, § 27 para. 3 no. 2 EEG 2009, Art. 2 lit. e RES Directive ■ § 2 No. 7 StromStG, § 1b para. 2 StromStV
1b (b)	broad biomass term EEG 2021	<p>Use of biomass within the meaning of the broad biomass definition of the Renewable Energy Sources Act 2021. This biomass definition includes criterion 1, but is broader than the biomass definition used there.</p>	<ul style="list-style-type: none"> ■ § 3 No. 11, 13, 21.e) EEG 2021 ■ § 2 No. 12 KWKAusV

2 (b)	Exclusivity	<p>Proof that no substances other than biomass within the meaning of the Biomass Ordinance 2012/2014/2017 were used for the eligible share (for remuneration under section 8(1) of the Renewable Energy Sources Act 2004: for the entire electricity generation): Proof that e.g. no peat was used, § 3 No. 2 BiomasseV 2012/2014/2017).</p>	<ul style="list-style-type: none"> ■ § 19 par. 1 EEG 2014/2017/2021; § 16 par. 1 EEG 2009, §§ 39i, 42, 43 EEG 2021, §§ 39h, 42, 43 EEG 2017, § 44 EEG 2014, § 45 EEG 2014; ■ §§ Sections 27(1) and 27a EEG 2009/2012; ■ § 8 par. 1 EEG 2004; other biomass: ■ cf. § 27 par. 3 no. 2 EEG 2009, ■ § 2 No. 7 StromStG
3 (b)	Other biomass (StromStG)	<p>Since the amendment of Section 1 (2) StromStV, this criteria no longer has any independent significance and is covered by criteria 1.</p>	
4 (b)	Quantity structure is plausible	<p>Documentary evidence that the quantity of biomass used for the generation was sufficient for the produced quantity of biomass. With regard to storage gas, the documentary evidence that the electricity used for the generation of the storage gas exclusively on the basis of renewable energy sources was sufficient for the quantity of storage gas produced.</p>	<ul style="list-style-type: none"> ■ Examination performed by an expert ■ For legal references see criteria 2
5 (b)	Record of the substances used	<p>The raw materials used for the production of biogas were documented in the record of substances used in a comprehensible and complete manner.</p>	<ul style="list-style-type: none"> ■ Cf. section 44 c (1) no. 1, (9) EEG 2021; section 39 i (4) EEG 2021; section 44c (1) no. 1, (4), 2 EEG 2017; section 39h (4) EEG 2017; section 47 (2) no. 1 EEG 2014; section 27 (3) no. 2 and no. I no. 1.b Annex 2 EEG 2009; ■ § 27 par. 5 (b) and par. 6 no. 4 EEG 2012; ■ § 8 par. 2 no. 2 EEG 2004

6 (b)	Feed-in quantity into the natural gas network	Documentary evidence that the quantity of bio-gas/quantity of storage gas was actually fed into the natural gas network (by way of checking the meter readings).	<ul style="list-style-type: none"> ■ cf. section 44 b subsection 4 EEG 2021 (for tenders in conjunction with section 39 i subsection 4 EEG 2021 or section 39m subsection 3 EEG 2021). § 39 i para. 4 EEG 2021 or § 39m para. 3 EEG 2021); § 44b para. 5 EEG 2017 (in the case of tenders in conjunction with § 39h para. 4 EEG 2017), §§ 47 para. 6 EEG 2014, 27 para. 2 EEG 2009, ■ 25 par. 2, 24 par. 2 EEG 2009/2012, ■ § section 27c(1) EEG 2012; ■ § Section 8 (1) sentence 3 EEG 2004; ■ Section II.1.b) EEWärmeG 2009; ■ No. II.1.c)aa) EEWärmeG 2011; ■ § Section 3 no. 2 EWärmeG 2008 BW, Section 5 para. 3 EWärmeG 2015 BW; ■ § 50 para. 1 sentence 1 no. 4 EnergieStG; ■ § 37a para. 5 sentence 1 no. 3 BImSchG ■ § Section 2 No. 12 KWKAusV
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7 (b)	Natural gas quality for the entire quantity	The entire biogas fed in was processed into natural gas quality; therefore, the prerequisites for the criterion of the natural gas quality were met for the entire feed-in quantity.	<ul style="list-style-type: none"> ■ § Section 27c (2) EEG 2012; ■ Annex 1 No. I No. 1 EEG 2009/2012; ■ § 8 par. 4 EEG 2004; ■ § Article 22(1) sentence 1 no. 2 letter c) GEG; ■ § 40 par. 3 no. 2 GEG; ■ No. II.1.b) EEWärmeG 2009; ■ No. II.1.c) EEWärmeG 2011; ■ § Section 5(3) EEWärmeG 2015 BW ■ §50 para. 1 no. 4 EnergieStG; ■ § 37a para. 4 BImSchG
81 (b)	Max. methane emission (EEG 2009)	<p>The maximum methane emission into the atmosphere of 0.5% permitted for the processing was not exceeded.</p> <p>Criterion 8 expired on 30 April 2012, cf. Section 66 Para. 1 No. 7 EEG 2012. Since 1 May 2012, the so-called methane slip is also 0.2% (instead of 0.5%) for existing plants, see criterion 38.</p>	<ul style="list-style-type: none"> ■ Annex 1 Item I No. 1.a EEG 2009
9 (b)	Max. electricity consumption (EEG 2009/2012 and EEWärmeG 2009/2011)	During the processing, a maximum electricity consumption of 0.5kWh per Nm ³ of crude gas was not exceeded.	<ul style="list-style-type: none"> ■ Annex 1 No. I No. 1.b EEG 2009/2012; ■ § 22 par. 1 sentence 1 no. 2 letter c) GEG; ■ § 5 Section 3 sentence 3 E-WärmeG BW 2023/2015 ■ Annex II No. 1.c) aa) EE-WärmeG 2009
10 (b)	Renewable process heat (EEG 2009/2012)	The process heat required for the generation and processing was entirely made available on the basis of renewable energy sources, mines gas or on the basis of the waste heat of the gas processing or feed-in plant without using any additional fossil fuels.	<ul style="list-style-type: none"> ■ Annex 1 No. I No. 1.c EEG 2009/2012 ■ § 22 par. 1 sentence 1 no. 2 letter c) GEG; ■ § 5 Section 3 sentence 3 E-WärmeG BW 2023/2015 ■ Annex II No. 1.c) aa) EE-WärmeG 2009
11 (a)	Capacity up to 350Nm ³ /h	The production capacity of the plant is less than 350Nm ³ /h (output quantity from the gas processing process).	<ul style="list-style-type: none"> ■ 350Nm³: Cf. Annex1 Item I No. 2.a EEG 2009

12 (a)	Capacity 350-700Nm ³ /h	The production capacity of the plant is between 350Nm ³ /h and 700Nm ³ /h (output quantity from the gas processing process).	■ 700Nm ³ : Cf. Annex 1 Item I No. 2.b EEG 2009
13 (a)	Linking of gas processing plants did not exist	No linking of several processing plants due to the location on one property or otherwise in the immediate vicinity.	■ Annex 1 Item I.2. in connection with Section 19 Para. 1 EEG 2009/2012
14 (b)	Renewable raw materials [Nawaro]/manure	All raw materials for the production of biogas actually meet the requirements for renewable raw materials or manure, unless admissible plant-based by-products are used. In this case, the quantity of gas produced from the plant-based by-products falls within the scope of criterion 15.	■ Annex 2. Item I. No. 1a) Items II.-IV. EEG 2009
15 (b,U)	Possibly by-products	Make sure that only admissible plant-based by-products, such as vegetable waste, are used alongside renewable raw materials and manure. This criterion serves to define the partial gas quantities from the renewable raw materials, the manure and the plant-based by-products.	■ Annex 2 Item I No. 3, Item V EEG 2009
161 (a)	One plant/ company premises	Only one plant on the company premises. Since 1 January 2012, criterion 16 does also apply to the electricity generation in existing plants.	Annex 2 Item I No. 1.c EEG 2009
17 (b)	Fermentation residues cover/gas flare	Confirmation that the storage for fermentation residues was gas proof and that an additional gas consumption facility was used for an incident or for an overproduction, only applies to plants which are subject to approval according to the Federal Immission Control Act. No longer relevant with amendment to Section 9 (5) EEG 2023 by printed matter 20/8657.	Annex 2 Item I No. 4 EEG 2009
17a (b)	Gas flare/Gas consumption unit	Installations claiming the basic remuneration according to EEG 2009 but not the Nawaro bonus must prove that additional gas consumption equipment was installed during production.	■ § 9 par 5 EEG 2023

18 (b,U)	Landscape conservation	Mainly raw materials from residues from landscape conservation were used (incl. proof of the quantity).	<ul style="list-style-type: none"> ■ Annex 2 No. VI No. 2.c EEG 2009 in conjunction with section 101(2) No. 1 EEG 2014 and Annex 3 No. 5 to the Biomass Ordinance 2012
19 (b)	Landfill gas exclusively	It only concerns landfill gas.	<ul style="list-style-type: none"> ■ §§ Section 24 (1) EEG 2009, Section 24 EEG 2012; ■ § 3 par. 3 no. 4 GEG ■ § 2 No. 4.c) EEWärmeG, ■ § 3 No. 10 c) EEWärmeG 2015 BW; ■ § 2 No. 7 StromStG
20 (b)	Sewage treatment gas exclusively	It only concerns sewage treatment gas.	<ul style="list-style-type: none"> ■ § Section 25 (1) EEG 2009/2012; ■ § 2 para. 1 no. 4.d) EEWärmeG; ■ § 3 No. 10 d) EEWärmeG 2015 BW; ■ § 2 No. 7 StromStG
21 (b)	Methane emission (EEWärmeG 2009)	<p>Methane emissions and electricity consumption were reduced according to the best available technology in each case (requirements of the EEWärmeG 2009).</p> <p>Replaced by criterion 38</p>	<p>Annex Item II No. 1.c) aa)</p> <p>EEWärmeG 2009</p>
22 (b)	Regenerative process heat/waste heat (EEWärmeG 2009)	<p>The process heat requirements were met on the basis of renewable energy sources or waste heat.</p> <p>Replaced by criterion 10</p>	<p>Annex Item II No. 1.b) bb)</p> <p>EEWärmeG 2009</p>
23 (b)	DIN 51624	Biogas meets the requirements of DIN 51624.	<ul style="list-style-type: none"> ■ cf. § 8 of the 10th BImSchV in conjunction with § 50 para. 1 sentence 1 no. 4 of the Energy Act or in conjunction with § 37b para. 6 of the BImSchG.
24 (c)	Mass balance system (Federal Office for Agriculture and Food)	<p>Comprehensive documentary evidence for the origin of the sustainable biomass via a mass balance system pursuant to the Biofuel Sustainability Ordinance, e.g. "nabisy" from the Federal Office for Agriculture and Food.</p> <p>Criterion 24 not in use any more</p>	<p>Sections 16 Para. 2, 17 Para 2 Biokraft-NachV</p>

25 ¹ (a)	Sustainability certificate	The biogas upgrading plant may issue sustainability certificates because it has a valid interface certificate. The actual proof of sustainability is provided by the verification document issued by the interface. Informative note: This proof is also available.	■ § 8 Abs. 3 EBev2030
26 ¹ (b)	Proof of sustainability	The agricultural biomass used to produce the biomass fuels fulfils the requirements of §4 BioSt-NachV.	■ §4 BioSt-NachV;
27 (b)	Mass balancing up to the feeding into the natural gas network	From the production of the biomethane/storage gas (or in the case of the upgrading of raw biogas from several fermenters in the same upgrading plant: recommended from the production of the raw biogas) to the injection into the natural gas grid, the prescribed mass balancing was carried out by the auditor. The quantity transferred to the natural gas network operator was transferred to the Biogas Register Germany. For uses in the context of the BEHG, proof of a biomethane supply contract is also required.	<ul style="list-style-type: none"> ■ § Section 44b subsection 4 EEG 2021 (in the case of tenders in conjunction with section 39 i subsection 4 EEG 2021 or 39m subsection 3 EEG 2021); 44b subsection 5 no. 2 EEG 2017 (in the case of tenders in conjunction with section 39h subsection 4 EEG 2017); section 47 subsection 6 no. 2 EEG 2014; section 27c subsection 1 no. 2 EEG 2012 ■ § section 22(1) sentence 1 no. 2 lit. c) GEG ■ § section 40(3) no. 2 GEG ■ § Section 5 sub-section 2 EEWärmeG ■ No. II. No. 1. c) bb) Annex EEWärmeG 2011; § 5 par. 3 sentence 2 EWärmeG 2015 BW ■ Interpretative Guidance on Mass Balancing pursuant to section 27c(1)(2) of the Renewable Energy Sources Act 2012 of the BMU of 29.06.2012 ■ § Section 2 No. 12 KWKAusV
28 (b ²)	Substance tariff class 0	Biomass was used as a substrate within the meaning of the Biomass Ordinance which does not justify a claim for a substance-related compensation.	■ Section 27 Para. 1 EEG 2012; Annex 1 BiomasseV

29 (b,U ²)	Substance tariff class 1	Substances of substance tariff class 1 pursuant to Annex 2 of the Biomass Ordinance were used as a substrate.	■ Section 27 Para. 2 No. 1 EEG 2012; Annex 2 BiomasseV
30 (b,U ²)	Substance tariff class 2a	Substances of substance tariff class 2 pursuant to Annex 3 of the Biomass Ordinance were used as a substrate; this did not apply to manure.	■ Section 27 Para. 2 a) EEG 2012; ■ Annex 3 BiomasseV
31 (b,U ²)	Substance tariff class 2b (manure)	Manure was used as a substrate which is deemed to be a substance of the substance class 2 pursuant to Annex 3 of the Biomass Ordinance	■ Section 27 Para. 2 No. 2 b) EEG 2012; ■ Annex 3 BiomasseV
32 (a)	Rated output 0-700Nm ³ /h	The rated output of the plant is less than 700Nm ³ /h (output quantity from the gas processing process).	■ Annex 1 No. 2 EEG 2012
33 (a)	Rated output 700-1,000Nm ³ /h	The rated output of the plant is between 700 and 1,000Nm ³ /h (output quantity from the gas processing process).	■ Annex 1 No. 2 EEG 2012
34 (a)	Rated output 1,000-1,400Nm ³ /h	The rated output of the plant is between 1,000 and 1,400Nm ³ /h (output quantity from the gas processing process).	■ Annex 1 No. 2 EEG 2012
35 (b)	Storage facility for fermentation residues, retention time, gas consumption facility	Any new storage facility for fermentation residues constructed at a location of biogas generation after 1 January 2012 is gas proof. The minimum hydraulic retention time in the system is 150 days. It was connected to a gas utilisation facility. Additional gas utilisation facilities are used to avoid any release of biogas. No longer relevant with amendment to Section 9 (5) EEG 2023 by printed matter 20/8657.	§ 9 para. 5 EEG 2021; 9 para. 5 EEG 2017
35a (b)	Dwell time, gas consumption device	For digestate storage facilities constructed after 31.12.2011, the hydraulic retention time in the entire gas-tight system of the biogas plant connected to a gas utilisation system shall be at least 150 days. Gas consumption devices are additionally used to prevent a release of biogas. If criterion 35 was tested positively, criterion 35a is thus also to be considered fulfilled and need not be selected. No longer relevant with amendment to Section 9 (5) EEG 2023 by printed matter 20/8657.	§ Section 9 (5) EEG 2021; Section 9 (5) EEG 2017

36 (b)	Composting facility for fermentation residues	<p>The fermenter is directly linked to the composting facility for fermentation residues.</p> <p>Only concerns the fermentation of biowaste.</p>	<ul style="list-style-type: none"> ■ § Section 43(2) EEG 2021; Section 43(2) EEG 2017; Section 45(2) EEG 2014; Section 27a(3) EEG 2012
37 (b)	Maize cap (max. 60%)	<p>The share of maize (whole crop) and grain kernels, including corn-cob mixes and grain maize as well as ground ear maize in the calendar year amounted to no more than 60 mass percent ("maize cap").</p> <p>For plants which use biogas produced by biogas production plants that already produced biogas prior to 1 January 2012, this provision does not apply (Section 66 Para. 4 EEG 2012).</p>	<ul style="list-style-type: none"> ■ § Section 27 (5) number 1 EEG 2012 ■ § Section 66 (4) EEG 2012
38 (b)	Maximum methane emission (EEG 2012 and GEG)	<p>During processing, the methane emission is less than 0.2%.</p>	<ul style="list-style-type: none"> ■ § 27c par. 1 (if applicable in conjunction with § 66 par. 1 no. 7) EEG 2012; ■ § 22 par. 1 sent. 1 no. 2 letter c) GEG; ■ Annex 1 No. 1 EEG 2012 ■ section 5 subsection 3 sentence 3 EWärmeG 2015 BW
39 (b)	Biowaste (min. 90%)	<p>The substrate used was biomass as defined by the Biomass Ordinance 2012/2014/2017 with an average share of at least 90% by mass of separately collected biowaste (biodegradable waste, mixed municipal waste, market waste).</p>	<ul style="list-style-type: none"> ■ § Section 43(1) EEG 2021; 43(1) EEG 2017; Section 45 EEG 2014; Section 27a(1) EEG 2012; ■ Annex 1 No. 1 Column 2 BioabfallV
39a (b)	Biowaste	<p>The substrate used was biomass within the meaning of the Biomass Ordinance 2012/2014/2017 with a proportion of separately collected biowaste (biodegradable waste, mixed municipal waste, market waste). In this respect, the value to be applied is capped regardless of the value awarded.</p> <p>If criterion 39 has been positively assessed, criterion 39a is also considered to be fulfilled and does not need to be selected.</p>	<ul style="list-style-type: none"> ■ § Section 39i (3) EEG 2021, Section 100 (2) No. 10 EEG 2021

40 (b)	Recycling of the digestate	The composted material was recovered. Only affects the fermentation of biowaste.	■ §§ 43 para. 2 EEG 2021; § 43 para. 2 EEG 2017, 45 para. 2 EEG 2014, 27a para. 3 EEG 2012
41 (b)	Biomass within the meaning of the EEWärmeG 2009/2011 and EWärmeG 2015 BW	For the production of biogas, substrates were used that meet the requirements of the EEWärmeG (biomass as defined by the Biomass Ordinance, biodegradable fractions of waste from private households and industry, landfill gas, sewage gas, sewage sludge as defined by the Sewage Sludge Ordinance, plant methyl ester). This criterion describes a broader biomass concept than that in criterion 1, but includes this narrower biomass concept as well as the substances according to criteria 19 and 20.	■ § 3 No. 10 EWärmeG 2015 BW
41a (b)	Biomass as defined by the GEG	For the production of biogas, substrates were used that meet the requirements of the GEG (biomass as defined by the Biomass Ordinance, waste wood of categories A I and A II according to § 2 No. 4 lit. a) and b) of the Waste Wood Ordinance, biodegradable fraction of waste from households and industry, landfill gas, sewage gas, sewage sludge as defined by the Sewage Sludge Ordinance and plant methyl ester.	■ § 3 Abs. 3 GEG
42 (b)	Biomass within the meaning of the Section 7 of the 36th Federal Immission Control Ordinance	The biogas was physically produced from substrates (on a pro rata basis) which meet the requirements pursuant to Section 7 of the 36th Federal Immission Control Ordinance	Section 7 of the 36th Federal Immission Control Ordinance
43 (b)	Biogas within the meaning of Monitoring Ordinance (min. 97%)	The biogas was produced on the basis of biomass within the meaning of the Monitoring Ordinance. This covers the biodegradable part of products, waste and residues from agriculture of biological origin (including plant and animal substances), forestry and related industries, including fisheries and aquaculture, as well as the biodegradable part of waste, including industrial and household waste of biological origin.	■ Art. 3 Nr. 21 and 38 Abs. 4 of the MVO

44 (b)	Gas exclusively from renewables-based electricity.	The gas meets the requirements for storage gas. It has been produced for the purpose of intermediate storage of electricity from renewable energy sources using only electricity from renewable energy sources. Renewable energies are hydropower including wave, tidal, salt gradient and current energy, wind energy, solar radiation energy, geothermal energy, energy from biomass including biogas, biomethane, landfill gas and sewage gas as well as from the biodegradable fraction of waste from households and industry, cf. sections 3 no. 21 EEG 2017, 5 no. 14 EEG 2014.	<ul style="list-style-type: none"> ■ § 3 No. 42 EEG 2017/2021/2023; § 5 No. 29 EEG 2014
45 (a)	Temporary storage prior to the electricity grid	The electricity from renewable energy sources was temporarily stored (by generating storage gas) before being fed into the electricity grid for general supply (sections 3 no. 35 EEG 2017, 5 no. 26 EEG 2014, 3 no. 7 EEG 2012). The facility for storing the electricity - in the case of the generation of storage gas regularly the electrolyser - may therefore not be supplied via the grid for general supply by the EEG electricity generation facilities from which the electricity is to be temporarily stored.	<ul style="list-style-type: none"> ■ § 19 para. 3 EEG 2021; § 19 para. 3 EEG 2017; § 19 para. 4 sentence 1 EEG 2014; § 16 para. 2 sentence 1 EEG 2012
46 (b)	No deliberate generation of CO/CO ₂	Carbon dioxide or carbon monoxide is not exclusively generated for the purpose of methanisation of hydrogen.	<ul style="list-style-type: none"> ■ § 3 No. 42 EEG 2021; § 3 No. 42 EEG 2017, § 5 No. 29 EEG 2014 ■ Bundestag Printed Paper 17/6071 p. 62

47 (b)	H ₂ /CH ₄ predominantly from RE according to RL 2009/28/EG	This is hydrogen from water electrolysis or synthetically produced methane, in which the electricity used for electrolysis and the carbon dioxide or carbon monoxide used for methanation each demonstrably come far predominantly from renewable energy sources within the meaning of Directive 2009/28/EC, section 3 no. 10c EnWG. According to the explanatory memorandum to the Act, a share of at least 80 per cent shall suffice as far predominant (Bundestagsdrucksache 17/6072, p. 50). With compliance with this criterion, hydrogen/methane can be regarded as biogas within the meaning of the EnWG, which can result in advantages especially when feeding into the natural gas grid. However, compliance with these requirements alone does not give rise to an entitlement to remuneration under the EEG - for it to be storage gas under sections 3 no. 42 EEG 2017, 5 no. 29 EEG 2014, 3 no. 9a EEG 2012, the gas must rather be produced exclusively using electricity from renewable sources within the meaning of the EEG.	<ul style="list-style-type: none"> ■ Section 3 Para. 10c EnWG ■ Bundestagsdrucksache 17/6072, S.50
48 (b)	Exclusivity electrolyzer	The facility for generating storage gas is continuously operated exclusively with renewable energies.	<ul style="list-style-type: none"> ■ § 3 Nr. 1, 2. Hs. EEG 2017; § 5 Nr. 1, 2. Hs. EEG 2014; § 19 Abs. 1 EEG 2014
49 (a)	Gas processing plant with first injection prior to 23.01.2014	The gas processing plant fed biomethane into the natural gas grid for the first time before 23.01.2014.	<ul style="list-style-type: none"> ■ § 100 Abs. 3 S. 2 and 3 EEG 2017 in conjunction with. § Section 100 (1) EEG 2021
50 (a)	Gas processing plant with permit prior to 23.01.2014 and injection prior to 01.01.2015	The gas processing plant was permitted before 23.01.2014 and fed biomethane into the natural gas grid for the first time before 01.01.2015, but not before 23.01.2014.	<ul style="list-style-type: none"> ■ § 100 Abs. 3 S. 6 EEG 2017 in conjunction with § 100 Abs. 1 EEG 2021

51 (b)	Maize input in mass per cent (specify percentage share in verification related comment)	<p>EEG: The proportion of maize (whole plant) and cereal grain in the substrate used in the calendar year is a maximum of 50 per cent by mass for installations that received a supplement in 2017 or 2018 and a maximum of 47 per cent by mass for installations that received a supplement in 2019 or 2020, a maximum of 40 per cent by mass for installations that received a supplement in 2021, 2022 or 2023, a maximum of 35 per cent by mass for installations that received a supplement in 2024 or 2025 and a maximum of 30 per cent by mass for installations that received a supplement in 2026, 2027 or 2028 ('maize cap'). Only applies to new installations in the tender and existing installations that are included in tenders under the conditions of the EEG 2021/2023. The exact mass percentage value can be found in the register extract.</p>	<ul style="list-style-type: none"> ■ § Section 39h (1) EEG 2017, Section 39i (1) EEG 2021, for existing biogas plants in the follow-up support in conjunction with Section 39g (3) EEG 2021. § Section 39g (3) EEG 2021 ■ § section 71f Abs. 4 GEG ■
		<p>GEG: The proportion of cereal grain or maize used to produce gaseous biomass in each calendar year may not exceed a total of 40 per cent by mass. Maize within the meaning of sentence 1 includes whole plants, maize grain/spindle mixtures, grain maize and cob meal. Sentence 1 is only applicable to new fermentation plants with a capacity of 1 megawatt or more that are commissioned after 31 December 2023. Section 24 (1) sentences 1 and 2 of the Renewable Energy Sources Act of 21 July 2014 (Federal Law Gazette I p. 1066), as amended, shall apply accordingly to the term 'plant'.</p>	
		<p>Note: The proportion of cereal grains or maize used for biogas production in each calendar year must be stated in a comment relevant to verification.</p>	