



Network Connection Request Biogas

Minimum information required for examining connection of a biogas plant to the network of Open Grid Europe GmbH pursuant to Section 6, Paragraph 33, No. 1 of the German Gas Network Access Code.

Fields identified with * are mandatory.

1. Requesting Party

(Company*) (Commercial register No., city where register court is located)

(Street address*) (Telephone*)

(Postal code, city*) (E-mail)

2. Location of plant (please provide map)

(Street address*) (Postal code, city, quarter*)

(Gauß-Krüger coordinates, X-value, northing) (Gauß-Krüger coordinates, Y-value, easting)

3. Plant specification

Capacity of biomethane injection plant*) _____ [kWh/h] _____ [Nm³/h]

Outlet pressure _____ [bar_g]

Commissioning _____

Commissioning*) _____ [MM/JJJJ]

Injection period*) _____ years

4. Examination of injection point (please tick as appropriate)

In order to be able to make a general evaluation of the basic design of a biogas plant in the planning phase we offer you a general pre-examination in addition to the network connection examination pursuant to the German Gas Network Access Code.

General pre-examination ¹ 3.000 € plus VAT
Determination of basic technical network conditions; please see next page for scope of pre-examination

Network connection examination ² 20.000 € plus VAT
Examination as laid down in German Gas Network Access Code including technical feasibility study; please see next page for scope of examination

Once we have received your request, we will inform you within one (1) week whether additional information is required for handling your network connection request. Following receipt of your complete documentation, we will send you the invoice for the examination commissioned.

Under Paragraph 33, No. 5 of Section 6, the German Gas Network Access Code provides for a down-payment of 25% of the costs to be paid for the examinations necessary for preparing a decision on the network connection request submitted. The costs for the general pre-examination are due in full and payable immediately. If, following general pre-examination, an order is placed for the network connection examination pursuant to the German Gas Network Access Code, the costs incurred for the general pre-examination will be offset against the costs payable for the network connection examination.

Following receipt of the payment due we will examine the possibility for connection to the network of Open Grid Europe GmbH. We will inform you of the result of the examination immediately, however, no later than three (3) months from receipt of your downpayment.

Place, date

Signature of requesting party / company stamp



Specification of examinations:

- 1 Pre-examination:
 - Check of areal gas consumption
 - Information about upstream pipeline
 - Group H gas/group L gas
 - Airline distance to biogas plant
 - Nominal width, nominal pressure
 - Target Wobbe index range
 - CH₄ range of treated biogas technically feasible in conditioning
- 2 Network connection examination:
 - Capacity check
 - Information about upstream pipeline
 - Group H gas/group L gas
 - Airline distance to biogas plant
 - Nominal width, nominal pressure
 - Target Wobbe index range
 - CH₄ range of treated biogas technically feasible in conditioning
 - Clarification of additional technical system conditions; examination with respect to
 - Cross-border deliveries
 - Downstream storage
 - Reverse flow
 - Batch formation
 - Inclusion of other network/storage operators
 - Determination of basic/partial pre-planning
 - Cost estimate for injection plant
 - Determination of required compression ratio
 - Draft wording for plant tendering procedure (confidentiality agreement required)
 - Potential plant locations, space requirements
 - Examination of nature protection; rights(-of-way)
 - Cost estimate for pipeline
 - Route proposal
 - Examination of transportation system isolation to tie in connection line
 - Nature protection; rights(-of-way)
 - Determination of other feasibility restrictions
 - Estimate of delivery times for time-critical components
 - Rough time schedule
 - One or two coordination meetings / meetings on site included in examination

Please send your connection request to:

**Open Grid Europe GmbH
Assets Department (KNA)
Kallenbergstrasse 5
45141 Essen
Germany**