

**Demand assessment report
for the incremental capacity process
starting 2023
between Danish market area and the
German market area Trading Hub Europe**

2023-12-08

This report is a joint assessment of the potential for incremental capacity projects conducted by

Energinet Gas TSO A/S	Gasunie Deutschland Transport Services GmbH	Open Grid Europe GmbH
Tonne Kjærvej 65 DK – 7000 Frederica Denmark	Pasteurallee 1 30655 Hannover Germany	Kallenbergstraße 5 45141 Essen Germany
T.: +45 (0) 70 10 22 44 gasinfo@energinet.dk	T.: +49 (0) 511 640 607-0 transport@gasunie.de	T.: +49 (0)201 3642 12222 gastransport@oge.net
		

Table of contents

A. Non-binding Demand indications	4
B. Demand assessment	5
i. Historical usage pattern	5
ii. Relations to GRIPS, TYNDP, NDPs.....	5
iii. Expected amount, direction and duration of demand for incremental capacity	6
C. Conclusion for the (non)-initiation of an incremental capacity project/process	6
D. Provisional timeline	6
E. Interim arrangements for the auction of existing capacity on the concerned IP(s).....	7
F. Fees	7
G. Contact information.....	8

A. Non-binding demand indications

In line with Art. 26 of Regulation (EU) 2017/459 (NC CAM), the transmission systems operators conducting this market demand assessment report gave network users the opportunity to submit non-binding demand indications to quantify their potential demand for incremental capacity. The period for submission on both sides of the border between Denmark and the German market area Trading Hub Europe (THE) was from 03 July 2023 to 28 August 2023 (COB).

Energinet has received non-binding demand indications for firm capacity at the interconnection point between the entry-exit system of THE and the entry-exit system of Energinet (Denmark) for future period as presented below. Indications were submitted only to the Energinet. Gasunie Deutschland Transport Services GmbH (GUD) and Open Grid Europe GmbH (OGE) did not receive any valid non-binding demand indications. From the incremental capacity cycle 2023 - 2025 onwards, the German transmission system operators charge a fee according to Art. 26 (11) NC CAM for the activities resulting from the transmission of the non-binding demand indication. This was approved by the German national regulatory authority BNetzA with decision [BK9-22/042](#). The fee amounts to € 30,000 per market area border, request type (incremental capacity or capacity to be upgraded) and flow direction for non-binding market requests received in accordance with Art. 26 (6) NC CAM. This will be invoiced to the requestor by the responsible TSO, GUD. According to BNetzA decision BK9-22/042 (margin number 37), this fee is also to be charged if the non-binding demand indication is not submitted to the German transmission system operators by the requesting party directly but by a third party (such as an adjacent, foreign TSO – in this case: Energinet). Since the requestor has informed GUD and Open Grid Europe after clarification, that he will not pay the fee, the respective non-binding market demand of the requestor will not be considered further by GUD and OGE.

The following aggregated non-binding demand indications received by Energinet for firm capacity have been used as a basis for this Energinet’s demand assessment on the Danish side:

From [entry-exit system name] “EXIT CAPACITY”	To [entry-exit system name] “ENTRY CAPACITY”	Gas year [yyyy]	Amount [(kWh/h)/y]	Request is submitted to other TSOs [yes, TSO] or [no] (detailed information shall be provided below)	Date when Demand Indication was received* [please include the period according to the numbers 1) - 3]]	Additional Information
Joint Bal Zone DK/SE	DE THE BZ	2024	1,000,000	no	2	

* The following standardised period shall be used for indicating the receiving date of the demand indication:

- 1) later than eight weeks after the annual yearly capacity auction in the previous incremental capacity cycle, that have not been considered previously;
- 2) within eight weeks after this year's yearly capacity auction (0 – 8 weeks after yearly auction in year);
- 3) later than eight weeks after this year's yearly capacity auction, but that will be considered in this incremental capacity cycle (9 – 16 weeks after yearly auction in year).

B. Demand assessment

Exit Joint Bal Zone DK/SE

i. Historical usage pattern

As stated above, for the incremental capacity cycle addressed by this report only non-binding market demand indications were submitted to Energinet. GUD and OGE did not receive any valid non-binding market demand indications.

Historical usage pattern at IP VIP DK-THE and Ellund may be found directly and up to date:

- on the Energinet website: <https://www.energidataservice.dk/groups/gas>
- on the ENTSOG Transparency Platform:
<https://transparency.entsog.eu/#/points/data?indicators=Firm%20Technical&points=dk-tso-0001itp-10011exit%2Cde-tso-0005itp-10011entry>

And

<https://transparency.entsog.eu/#/points/data?indicators=Firm%20Technical&points=dk-tso-0001itp-00135exit%2Cde-tso-0005itp-00109entry%2Cde-tso-0009itp-00031entry>

ii. Results of current annual yearly auction

Capacity at the IP VIP DK-THE and Ellund has not been allocated at the last yearly auction.

Auctions results may be found on the Prisma Platform webpage: <https://app.prisma-capacity.eu/platform/#/start>

iii. Relations to GRIPs, TYNDP, NDPs

As there is no non-binding market demand on both sides of the IP, any physical supply gaps from the GRIP, TYNDP or the national network development plan cannot be closed via the process according to chapter 5 NC CAM, but must be taken into account in the respective processes.

iv. Expected amount, direction and duration of demand for incremental capacity

The received demand indication within the current incremental capacity process for the IP Ellund is firm capacity in the amount of 1,000,000 kWh/h for the transport direction from Denmark to Germany.

The existing technical exit capacity on Energinet's side is sufficient to meet the requested incremental capacity demand.

Entry THE-market area (DE)

i. Historical usage pattern

As stated above, for the incremental capacity cycle addressed by this report no valid non-binding market demand indications were received by GUD and OGE. Therefore, an analysis of the historical capacity utilization between the respective entry-exit systems to support the assessment of the demand for incremental capacity is not necessary.

ii. Relations to GRIPs, TYNDP, NDPs

As no non-binding market demand have been received by GUD and OGE, any physical supply gaps from the GRIP, TYNDP or the national network development plan cannot be closed via the process according to chapter 5 NC CAM, but must be taken into account in the respective processes.

iii. Expected amount, direction and duration of demand for incremental capacity

Bearing in mind the elements mentioned above, there is no demand for incremental capacity identified at the German side of the relevant border stemming either out of market indications or other sources.

C. Conclusion for the (non)-initiation of an incremental capacity project

Considering the elements mentioned in section A and B of this report, at this stage no necessity is identified to consider starting an incremental capacity project. This does not preclude conclusions of a following demand assessment exercise. Hence, for the entry-exit-systems addressed by this report no incremental capacity project nor technical studies will be initiated based on this market demand assessment report.

D. Provisional timeline

For the time being no incremental project will be initiated. A next incremental process will start after the yearly capacity auction in 2025.

E. Interim arrangements for the auction of existing capacity on the concerned IP(s)

For the time being, no incremental project will be initiated. According to the current legal situation, the next market demand analysis will start in 2025 after the auction of the annual capacities.

F. Fees

In the BNetzA decision BK9-22/042 the collection of a fee according to Art. 26 (11) NC CAM on the German side was approved. According to margin number 37, this fee is also to be charged if the non-binding demand indication is not submitted to the German transmission system operators by the requesting party directly but to a third party (such as an adjacent, foreign TSO).

As written in part A of this document the requestor has informed GUD and OGE after clarification, that he will not pay the fee.

G. Contact information

Energinet Gas TSO A/S	Gasunie Deutschland Transport Services GmbH	Open Grid Europe GmbH
Tonne Kjærvej 65 DK – 7000 Frederica Denmark	Pasteurallee 1 30655 Hannover Germany	Kallenbergstraße 5 45141 Essen Germany
T.: +45 (0) 70 10 22 44 gasinfo@energinet.dk	T.: +49 (0) 511 640 607-0 transport@gasunie.de	T.: +49 (0)201 3642 12222 gastransport@oge.net
		