



**Demand assessment report
for incremental capacity
between *Polish gas transmission system*
and *Danish gas transmission system***

2023-10-23

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



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A. Non-binding Demand indications

In line with Art. 26 of Regulation (EU) 2017/459, the transmission systems operators conducting this market demand assessment report gave network users the opportunity to submit non-binding demand indications to quantify potential demand for incremental capacity. The period for demand indications submission on both sides of the border between the Polish Transmission System and the Danish Transmission System was from 3 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 GAZ-SYSTEM (Poland) and the entry-exit system of Energinet (Denmark) for future period as presented below. Indications were submitted only to the Energinet. GAZ-SYSTEM did not receive any non-binding demand indications.

The following **aggregated non-binding demand indications received by Energinet** for firm capacity have been used as a basis for this demand assessment:

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	Poland H-gas	2023	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).

GAZ-SYSTEM did not receive any non-binding demand indications for firm capacity.

B. Demand assessment

Baltic Pipe

The Baltic Pipe project is a strategic gas infrastructure project aimed at creating a new gas supply corridor in the European market. It made it possible to transport Norwegian gas through Denmark to Poland and to the countries in the Baltic Sea region and Central-Eastern Europe. At the same time the Baltic Pipe project has enabled bi-directional transmission, i.e. gas can be delivered from Poland to Denmark.

The Parties to the project are GAZ-SYSTEM S.A. - the Polish Transmission System Operator and Energinet - the Danish Transmission System Operator.

On October 1, 2022, gas transportation was launched and on November 30, 2022 the offshore gas pipeline reached its target transmission capacity of up to 10 bcm/y.

i. Historical usage pattern

Historical usage pattern at IP Faxø may be found directly and up to date:

- on the GAZ-SYSTEM's website: <https://swi.gaz-system.pl/swi/public/#!/ksp/actualQuantity?lang=en>
- on the Energinet website: <https://www.energidataservice.dk/groups/gas>
- on the ENTSOG Transparency Platform: <https://transparency.entsog.eu/#/points/data?indicators=Allocation%2CPhysical%20Flow%2CFirm%20Technical&points=dk-tso-0001itp-10009exit%2Cpl-tso-0002itp-10009entry>

ii. Results of current annual yearly auction

Capacity at the IP Faxø has not been allocated at the last yearly auction.

Auctions results may be found on the GSA Platform webpage: <https://gsaplatform.eu/>

iii. Relations to GRIPS, TYNDP, NDPs

ENTSOG Ten-Year Network Development Plan (TYNDP) 2020 mentioned infrastructure project between Poland and Denmark: Project ID TRA-A-271 "Poland - Denmark interconnection (Baltic

Pipe) - offshore section" (project promoter GAZ-SYSTEM), Project ID TRA-A-1173 "Poland - Denmark interconnection (Baltic Pipe) - onshore section in Poland" (project promoter GAZ-SYSTEM) and Project ID TRA-A-780 "Baltic Pipe project – onshore section in Denmark" (project promoter Energinet). As the Baltic Pipe project was commissioned on October 1, 2022 it is no longer included in TYNDP.

The project is a part of the National Network Development Plan (NNDP) of Poland 2022-2031: Project name "Baltic Pipe functional program".

Baltic Pipe has been recognized by the European Commission as a "Project of Common Interest" (PCI) and has held this status since 2013, within the framework of priority corridor defined in the TEN-E Regulation - Baltic Energy Market Interconnection Plan – BEMIP.

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

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

The existing technical capacity is sufficient to meet the requested incremental capacity demand. From today's perspective there is also no contractual congestion. Therefore, the requested incremental capacity demand can be booked by the transport customer during upcoming yearly capacity auctions.

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

Considering that there is sufficient bookable firm capacity on the IP Faxe as of gas year 2023 and forward, the requested incremental capacity demand can be already satisfied and there is no substantial basis to deem the necessity of an incremental capacity demand on the IP Faxe. Therefore, it is not necessary to start the design phase according to Article 27 NC CAM and to conduct technical studies. The incremental capacity cycle 2023-2025 will end with the publication of the Market Demand Assessment report on 23 October 2023.

Due to the level of non-binding indications received during the demand indication phase of the incremental procedure a capacity project will not be initiated.

Baltic Pipe project covers the needs indicated by market participants in the current Incremental Procedure.

D. Provisional timeline

Due to the fact that incremental capacity project will not be initiated, information will not be provided.

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

Due to the fact that incremental capacity project will not be initiated, information will not be provided.

F. Fees

Fees were not introduced during the non-binding market demand indications phase.

G. Contact information

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