



**Demand assessment report
regarding hydrogen transmission between
Plinovodi d.o.o. and *FGSZ Ltd.***

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This report is a joint assessment conducted by

Plinovodi d.o.o.

FGSZ Ltd.

Cesta Ljubljanske brigade 11b

Tanácsház u. 5.

1000 Ljubljana

8600 Siófok

Slovenia

Hungary

+386 1 5820 700

+ 36-84-312-311

Info@plinovodi.si

info@fgsz.hu



Table of contents

A. Non-binding Demand indications	4
B. Demand assessment	6
C. Conclusion	6
D. Contact information	7

A. Non-binding Demand indications

The transmission system operators conducting this market demand assessment report gave network users the opportunity to submit non-binding demand indications to quantify potential demand referred to hydrogen transmission. The period for submission was from 7 July to 1 September 2025. Within this period, non-binding demand indications for hydrogen transmission regarding the respective border were received by both TSOs.

The following table shows indications of non-binding demand for firm capacity referred to hydrogen transmission received by Slovenian TSO Plinovodi within the 8 weeks above:

<i>From</i> <i>[entry-exit system name]</i> <i>“EXIT CAPACITY”</i>	<i>To</i> <i>[entry-exit system name]</i> <i>“ENTRY CAPACITY”</i>	<i>Gas year</i> <i>[yyyy/yy]</i>	<i>Amount</i> <i>(kWh/day)</i> <i>(GCV:3,54 kWh/Nm3 (0°C))</i>	<i>Request is submitted to other TSOs</i> <i>[yes, TSO] or [no] (detailed information shall be provided below)</i>	<i>Additional Information</i> <i>(e.g. type of capacity, if different from bundled firm freely allocable)</i>
<i>Plinovodi</i>	<i>FGSZ</i>	<i>2029/30</i>	<i>4.173.120</i>	<i>Yes</i>	<i>Bundled</i>
<i>Plinovodi</i>	<i>FGSZ</i>	<i>2030/31</i>	<i>4.173.120</i>	<i>Yes</i>	<i>Bundled</i>
<i>Plinovodi</i>	<i>FGSZ</i>	<i>2031/32</i>	<i>4.173.120</i>	<i>Yes</i>	<i>Bundled</i>
<i>Plinovodi</i>	<i>FGSZ</i>	<i>2032/33</i>	<i>4.173.120</i>	<i>Yes</i>	<i>Bundled</i>
<i>Plinovodi</i>	<i>FGSZ</i>	<i>2033/34</i>	<i>4.173.120</i>	<i>Yes</i>	<i>Bundled</i>
<i>Plinovodi</i>	<i>FGSZ</i>	<i>2034/35</i>	<i>5.961.600</i>	<i>Yes</i>	<i>Bundled</i>
<i>Plinovodi</i>	<i>FGSZ</i>	<i>2035/36</i>	<i>5.961.600</i>	<i>Yes</i>	<i>Bundled</i>
<i>Plinovodi</i>	<i>FGSZ</i>	<i>2036/37</i>	<i>5.961.600</i>	<i>Yes</i>	<i>Bundled</i>
<i>Plinovodi</i>	<i>FGSZ</i>	<i>2037/38</i>	<i>5.961.600</i>	<i>Yes</i>	<i>Bundled</i>
<i>Plinovodi</i>	<i>FGSZ</i>	<i>2038/39</i>	<i>5.961.600</i>	<i>Yes</i>	<i>Bundled</i>
<i>Plinovodi</i>	<i>FGSZ</i>	<i>2039/40</i>	<i>9.936.000</i>	<i>Yes</i>	<i>Bundled</i>
<i>Plinovodi</i>	<i>FGSZ</i>	<i>20NN/NN+1</i>	<i>9.936.000</i>	<i>Yes</i>	<i>Bundled</i>
<i>Plinovodi</i>	<i>FGSZ</i>	<i>2049/50</i>	<i>9.936.000</i>	<i>Yes</i>	<i>Bundled</i>

The following table shows indications of non-binding demand for firm capacity referred to hydrogen transmission received by Hungarian TSO FGSZ within the 8 weeks above:

From <i>[entry-exit system name]</i> “EXIT CAPACITY”	To <i>[entry-exit system name]</i> “ENTRY CAPACITY”	Gas year <i>[yyyy/yy]</i>	Amount <i>(kWh/h)</i> (GCV:3,54 kWh/Nm3 (0°C))	Amount <i>(kWh/day)</i> (GCV:3,54 kWh/Nm3 (0°C)) Calculated from kWh/h	Request is submitted to other TSOs <i>[yes, TSO] or [no]</i> (detailed information shall be provided below)	Additional Information <i>(e.g. type of capacity, if different from bundled firm freely allocable)</i>
Plinovodi	FGSZ	2029/30	173.880	4.173.120	Yes	-
Plinovodi	FGSZ	2030/31	173.880	4.173.120	Yes	-
Plinovodi	FGSZ	2031/32	173.880	4.173.120	Yes	-
Plinovodi	FGSZ	2032/33	173.880	4.173.120	Yes	-
Plinovodi	FGSZ	2033/34	173.880	4.173.120	Yes	-
Plinovodi	FGSZ	2034/35	248.400	5.961.600	Yes	-
Plinovodi	FGSZ	2035/36	575.201	13.804.824	Partially	-
Plinovodi	FGSZ	2036/37	575.201	13.804.824	Partially	-
Plinovodi	FGSZ	2037/38	575.201	13.804.824	Partially	-
Plinovodi	FGSZ	2038/39	575.201	13.804.824	Partially	-
Plinovodi	FGSZ	2039/40	740.801	17.779.224	Partially	-
Plinovodi	FGSZ	20NN/NN+1	740.801	17.779.224	Partially	-
Plinovodi	FGSZ	2050/51	740.801	17.779.224	Partially	-

From <i>[entry-exit system name]</i> “EXIT CAPACITY”	To <i>[entry-exit system name]</i> “ENTRY CAPACITY”	Gas year <i>[yyyy/yy]</i>	Amount <i>(kWh/h)</i> (GCV:3,54 kWh/Nm3 (0°C))	Amount <i>(kWh/day)</i> (GCV:3,54 kWh/Nm3 (0°C)) Calculated from kWh/h	Request is submitted to other TSOs <i>[yes, TSO] or [no]</i> (detailed information shall be provided below)	Additional Information <i>(e.g. type of capacity, if different from bundled firm freely allocable)</i>
FGSZ	Plinovodi	2029/30	6.800	163.200	No	-
FGSZ	Plinovodi	2030/31	6.800	163.200	No	-
FGSZ	Plinovodi	2031/32	6.800	163.200	No	-
FGSZ	Plinovodi	2032/33	6.800	163.200	No	-
FGSZ	Plinovodi	2033/34	6.800	163.200	No	-

<i>FGSZ</i>	<i>Plinovodi</i>	<i>2034/35</i>	<i>6.800</i>	<i>163.200</i>	<i>No</i>	<i>-</i>
<i>FGSZ</i>	<i>Plinovodi</i>	<i>2035/36</i>	<i>6.800</i>	<i>163.200</i>	<i>No</i>	<i>-</i>
<i>FGSZ</i>	<i>Plinovodi</i>	<i>2036/37</i>	<i>6.800</i>	<i>163.200</i>	<i>No</i>	<i>-</i>
<i>FGSZ</i>	<i>Plinovodi</i>	<i>2037/38</i>	<i>6.800</i>	<i>163.200</i>	<i>No</i>	<i>-</i>
<i>FGSZ</i>	<i>Plinovodi</i>	<i>2038/39</i>	<i>6.800</i>	<i>163.200</i>	<i>No</i>	<i>-</i>
<i>FGSZ</i>	<i>Plinovodi</i>	<i>2039/40</i>	<i>6.800</i>	<i>163.200</i>	<i>No</i>	<i>-</i>
<i>FGSZ</i>	<i>Plinovodi</i>	<i>20NN/NN+1</i>	<i>6.800</i>	<i>163.200</i>	<i>No</i>	<i>-</i>
<i>FGSZ</i>	<i>Plinovodi</i>	<i>2050/51</i>	<i>6.800</i>	<i>163.200</i>	<i>No</i>	<i>-</i>

B. Demand assessment

The received demand indications within the above period between the Slovenian entry-exit system and the Hungarian entry-exit system were provided for a limited period. A part of this period lies before the intended establishment of a hydrogen IP with Hungary (Pince / Tornyiszentmiklós) which is planned from approximately 2035 onwards, making this demand indication not sufficient to develop any capacity in regard to hydrogen ready pipelines.

Both TSOs have developed some projects regarding the hydrogen interconnection point Pince / Tornyiszentmiklós and included them in their National TYNDPs and ENTSOG TYNDP.

IP Pince / Tornyiszentmiklós is included in the ENTSOG TYNDP 2024 (H2T-N-1356 Italy-Slovenia-Hungary H2 corridor) and (H2T-N-1281 Slovenian Hungarian H2 corridor) as a hydrogen project and intends to become a part of the hydrogen backbone establishing a hydrogen interconnection with the Hungarian system in the next stage, from approximately 2035 onwards. Project will establish a new supply route for hydrogen and will connect three neighbouring countries: Italy, Slovenia and Hungary. Increased interest in domestic hydrogen production and consumption in all three countries is expected, since this project will enable access to hydrogen transmission system and allow export and import of hydrogen. Project will establish two new hydrogen IPs: Italy-Slovenia and Hungary-Slovenia.

Pince / Tornyiszentmiklós interconnection point (IP) is currently not an existing network point.

C. Conclusion

According to the assessment result of the non-binding demand indications under point B, no Incremental capacity project proposal will be initiated yet.

Based on the aforementioned decision, no common technical studies for capacity projects will be conducted, however both TSOs will continue to study the Projects in their countries in line with their National NDPs and ENTSOG TYNDP.

D. Contact information

Plinovodi d.o.o.

Urška Gabrovšek

Head of Marketing and Regulation Department

Marketing and Regulation Department

+386 1 5820 696

urska.gabrovsek@plinovodi.si

Cesta Ljubljanske brigade 11b

1000 Ljubljana

Slovenia

FGSZ Ltd.

Sándor Bogoly

Adviser

Green Transition Office

+36 20 9440 706

sbogoly@fgsz.hu

Tanácsház u. 5.

8600 Siófok

Hungary