National Ten-Year Network Development Plan of the integrated Natural Gas System_2026

November 2026

FGSZ

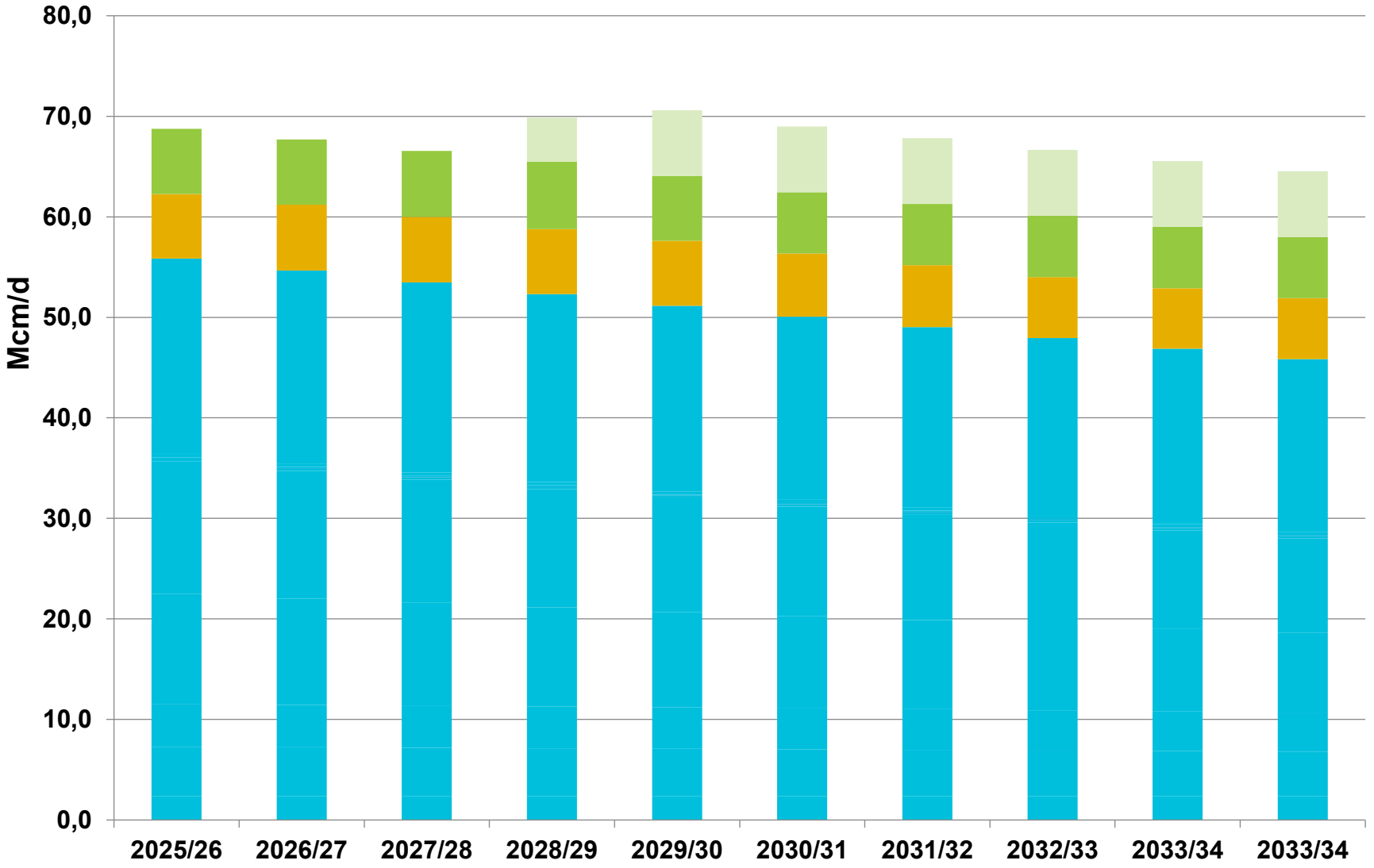
A MOL-CSOPORT TAGJA



Ten-Year Network Development Proposal

- Pursuant to Article 96 § (5) of the Government Decree 19/2009 (I.30.) on the implementation of Act XL of 2008 on Natural Gas Supply (Gas Act) the transmission system operator shall submit its application for approval of the results of the coordinated capacity review pursuant to Article 82 § (2) of the Gas Act and the 10-year network development proposal to the Hungarian Energy and Public Utility Regulatory Authority (hereinafter referred to as the Authority or MEKH) by 31 May each year.
- Pursuant to Article 96§(5) of the Government Decree 19/2009 (I.30.) on the implementation of the Act XL of 2008 on Natural Gas Supply , FGSZ conducted a public consultation over the period of 26th June 2026 – 10th July 2026 with no proposals or comments received to the draft TYNDP 2026 over the said period.
- The additional information requested by the Authority was provided by the transmission system operator on 14th July 2026 and on 8th September 2026.
- On 29th September 2026, the Authority issued the Resolution No. H2740/2026 on the subject of „Approval of the 10-year development proposal" (accessible in Hungarian here: H2740/2026.).

Demand forecast of national exit points

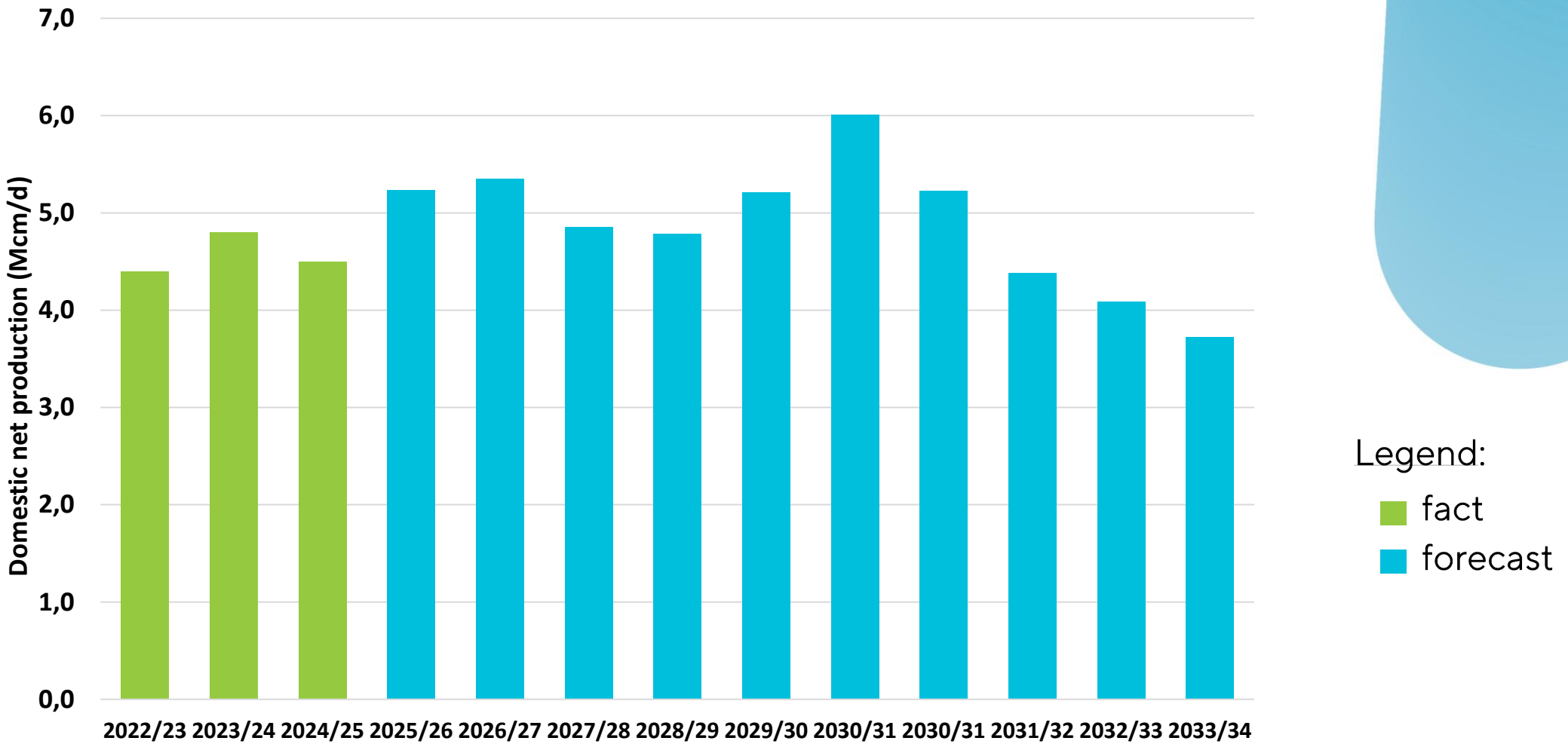


Legend:

- DSOs
- Industry
- Power plants
- New power plants

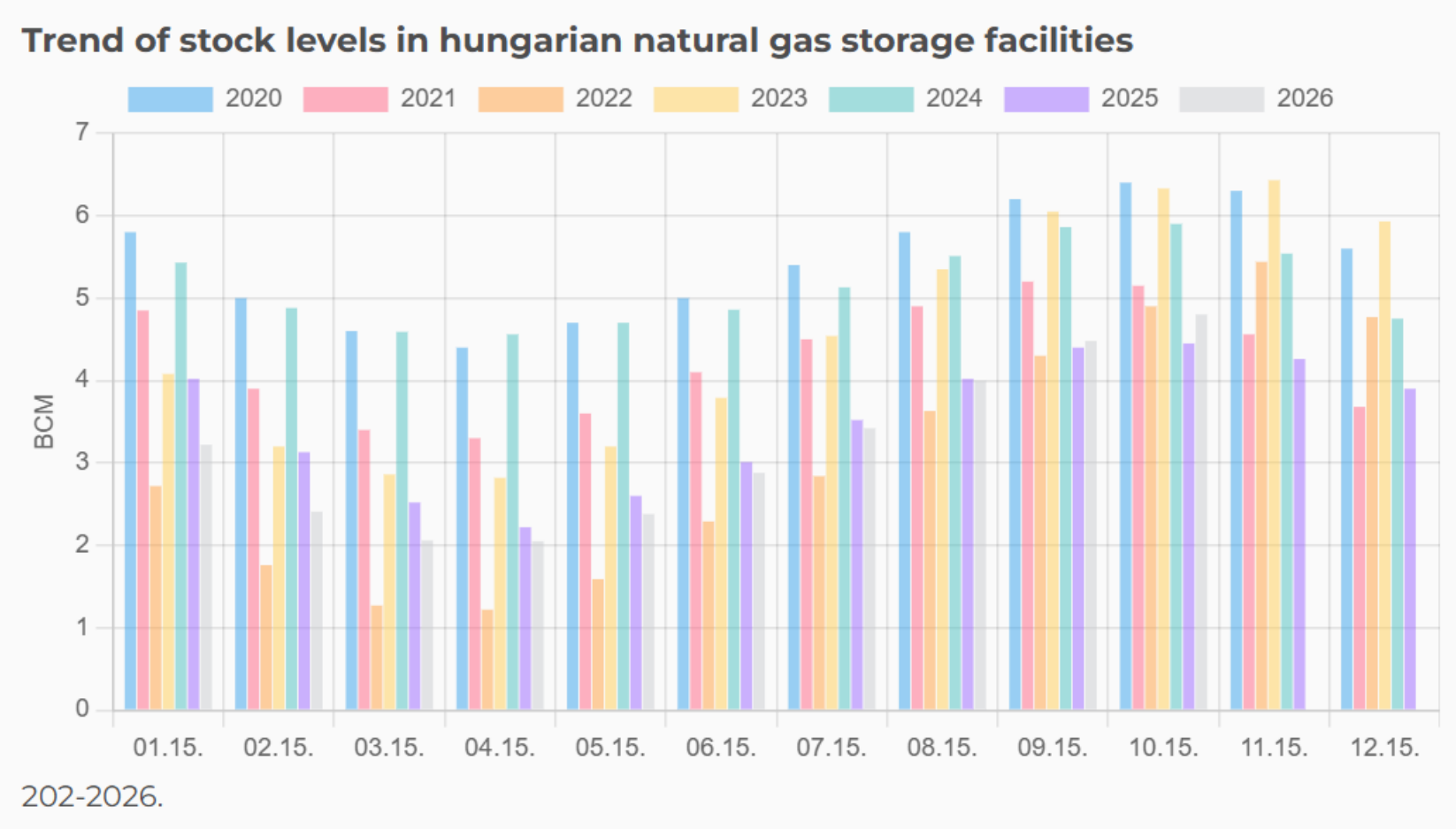
Source: TYNDP 2026

Domestic production – facts and forecasts



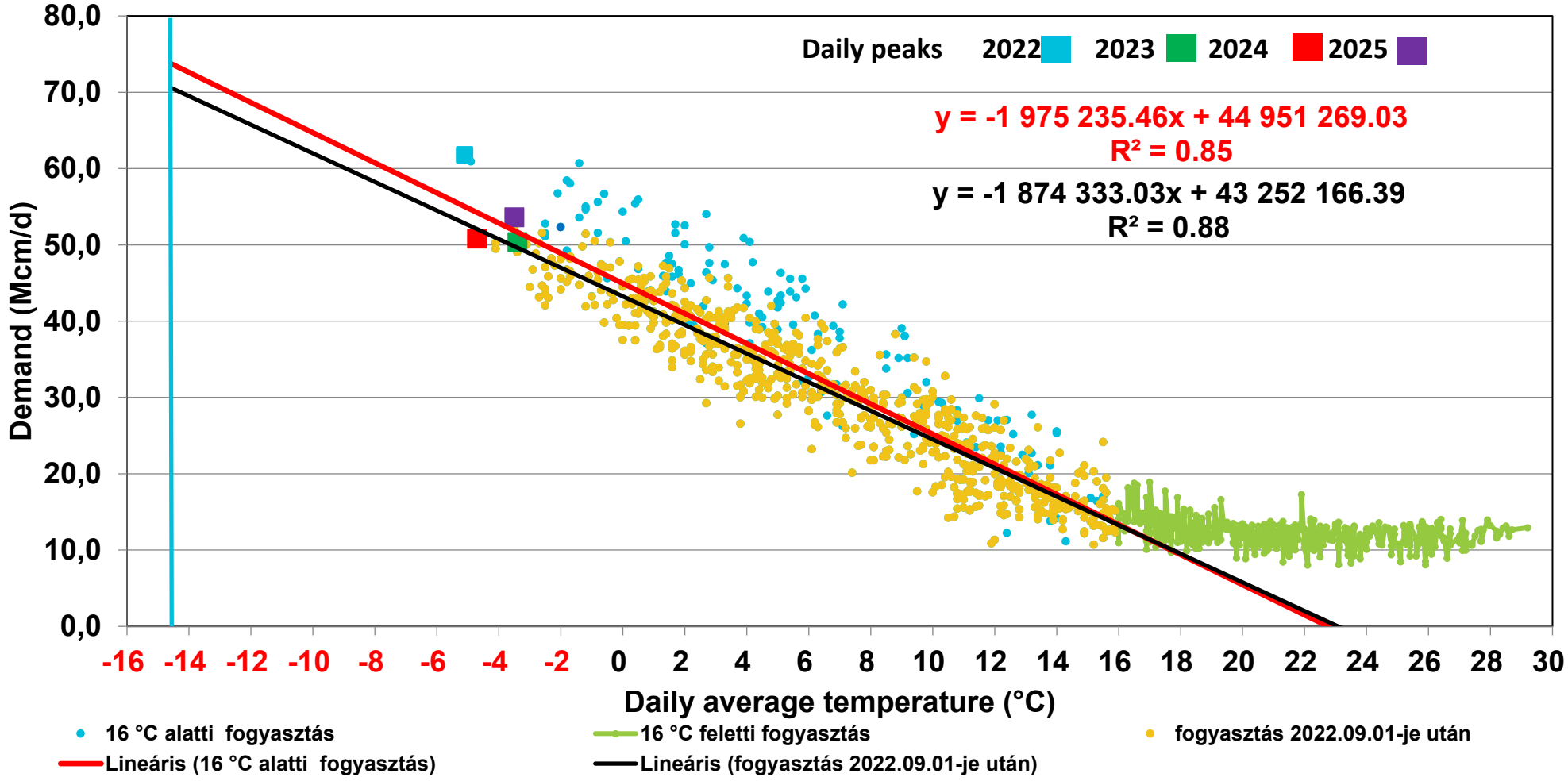
Source: TYNDP 2026

Stock levels in the natural gas storages in Hungary



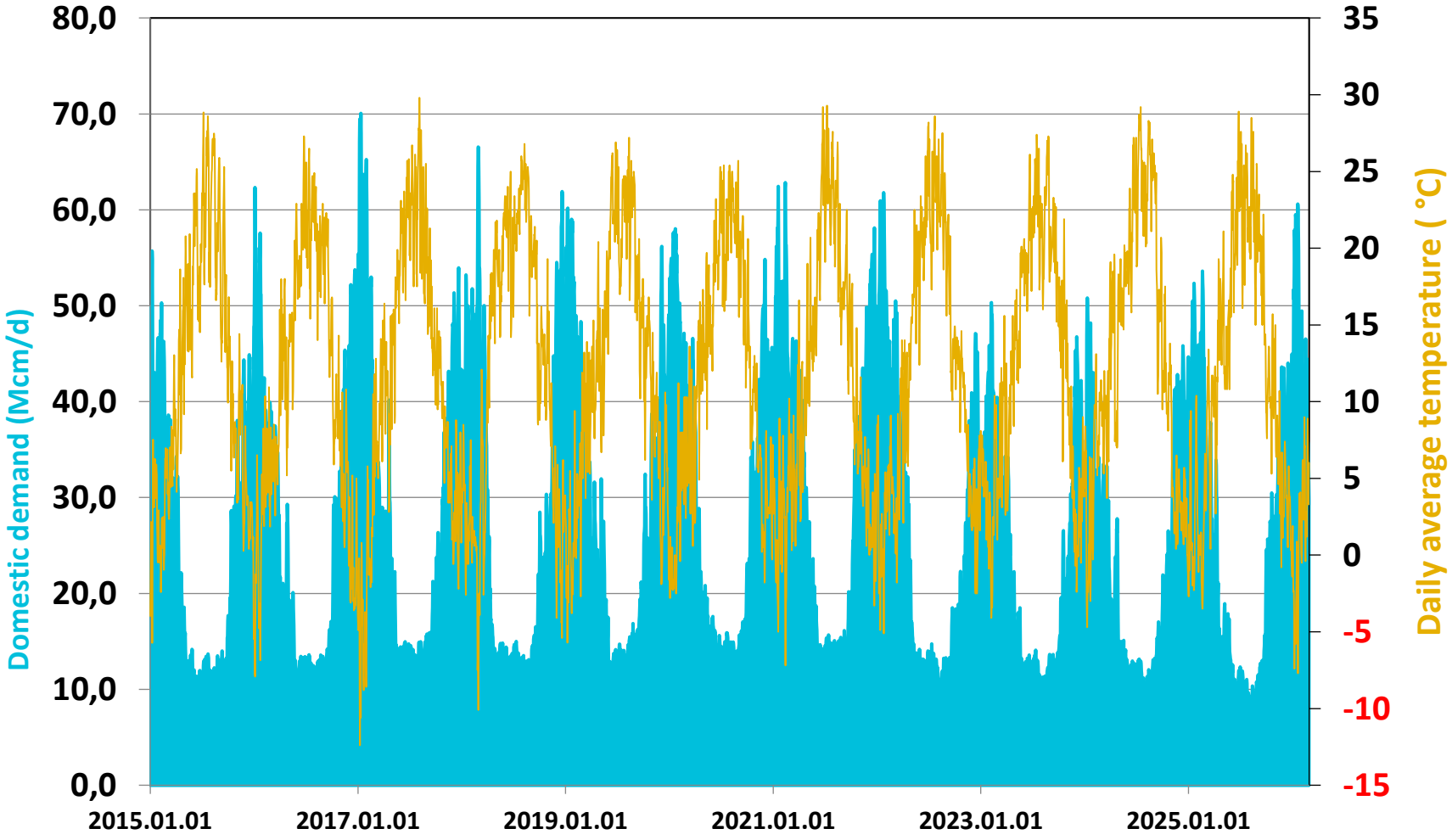
Source: MEKH - Opening page

Temperature dependence of the domestic demand



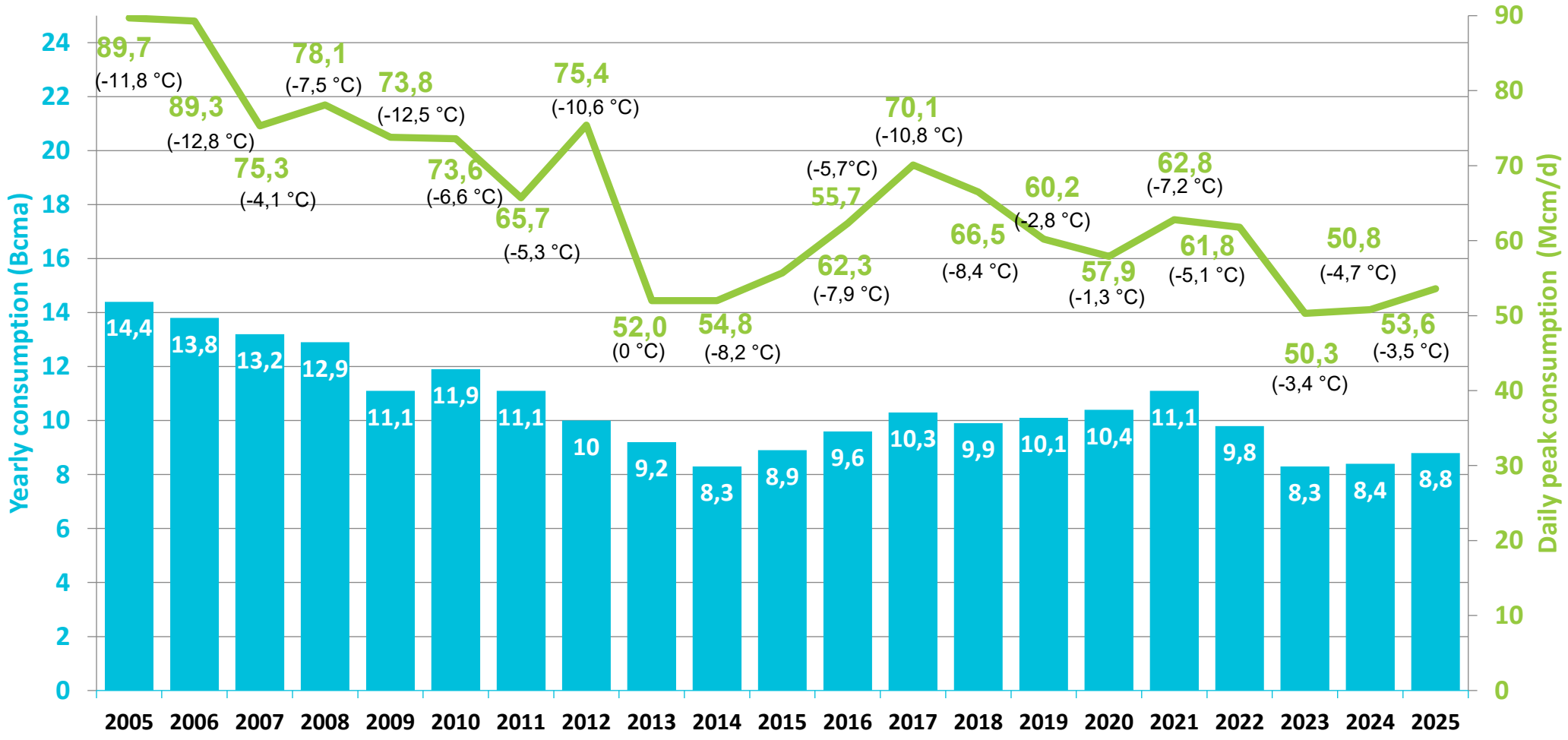
Source: TYNDP 2026

Correlation of domestic demand and temperature



Source: TYNDP 2026

Yearly domestic consumptions and daily peaks



Source: TYNDP 2026

NRA Resolution

A) Projects approved by the NRA's resolution H2740/2026 are the following :

- Increasing the transmission capacity of the GMS Csanádpalota;
- Connecting Balassagyarmat-Vecsés DN800 pipeline and Alag-Vác-Balassagyarmat DN300 pipeline;

B) Projects not approved by the NRA's resolution H2740/2026 are the following, whilst they are to be further investigated, and the transmission system operator is obliged to include the result of the investigation in the TYNDP 2027:

- Construction of Algyő-Városföld pipeline;
- Construction of Városföld-Vecsés pipeline;
- Hungarian-Slovenian interconnector pipeline route design and construction ;
- Reconstruction of the Transdanubian odorization system _ phase II.;
- Transmission system developments required to restore the electricity system in the event of a blackout;

C) With regard to the hydrogen projects included in the TYNDP proposal, Directive 2024/1788/EC on common rules for the internal market in renewable gas, natural gas, and hydrogen (hereinafter "Directive 2024/1788/EC") the guidelines set forth in Article 55 and the obligation to transpose it pursuant to Article 94, the Authority did not investigate such hydrogen projects.

Projects approved by the NRA

PROJECT DESCRIPTION

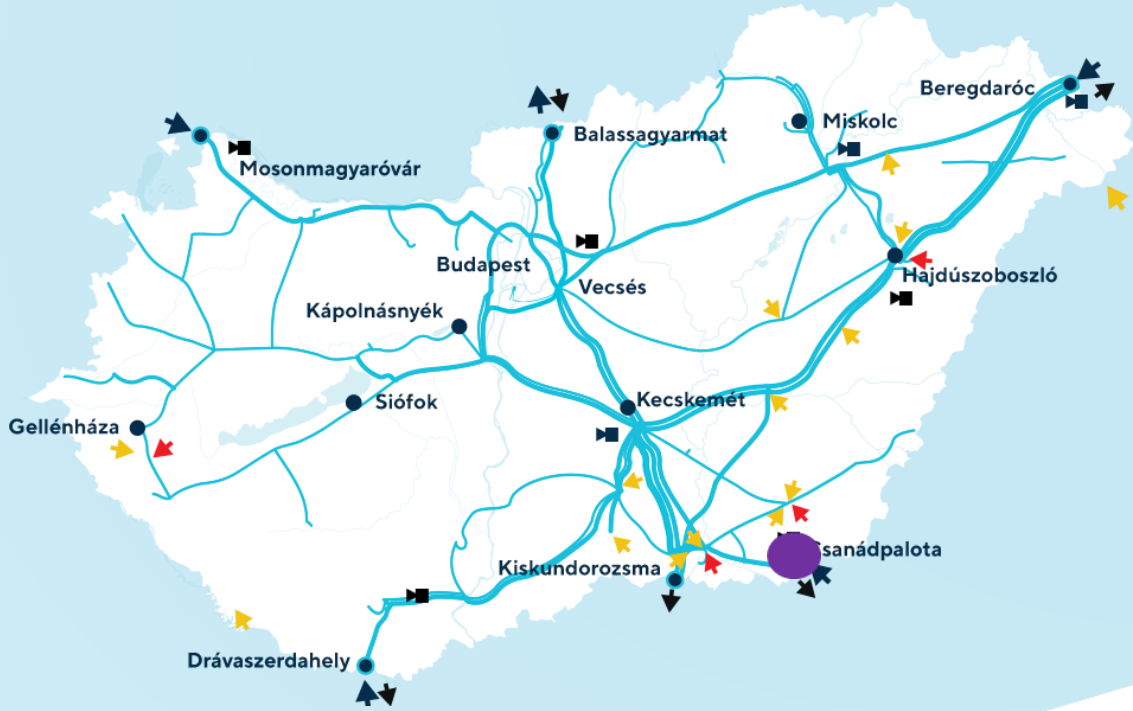
Expansion of the capacity of the metering station at Csanádpalota

The expansion of the three existing filter-measuring-regulating lines currently installed at the Csanádpalota international metering station (2 operating and 1 reserve branch) with a new DN300 size filter-measuring-regulating line with a maximum capacity of 170 tcm/h, thus the maximum capacity of the metering station and the capacity of the interconnection point can be increased up to 500 tcm/h (4.4 bcma).

Deadline for implementing the development: **The project is to be carried out in the next three years.**

As a prerequisite for amending the operating license related to the approved project, the Authority demands the system operator to develop the rules for the competitive capacity auction and incorporate them into the Operation and Business Code of the Hungarian Natural Gas System, as well as its Capacity Booking Platform Regulation and its Business Code prior to the project's implementation.

PROJECT



Projects approved by the NRA

PROJECT DESCRIPTION

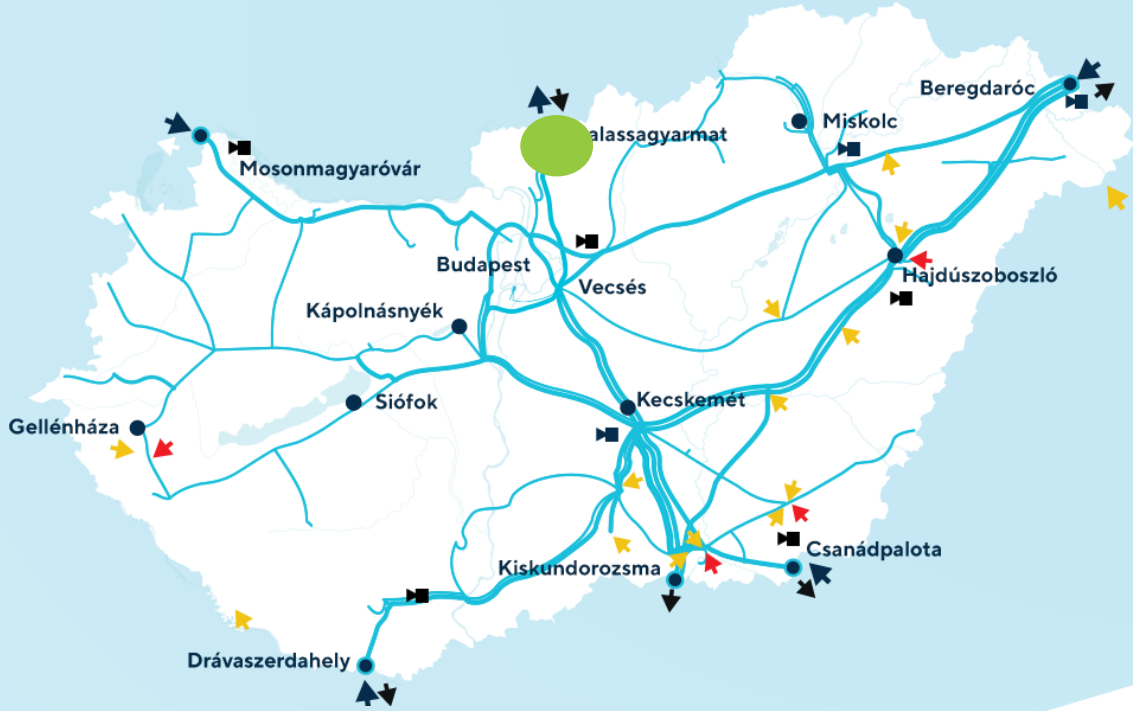
Connecting Balassagyarmat-Vecsés DN800 pipeline and Alag-Vác-Balassagyarmat DN300 pipeline

The pipeline of Alag-Vác-Balassagyarmat is currently a dead-end pipeline, supplied from Alag only. The construction of a pipeline (DN300, appr. 2.5 km) connecting the international metering station in Balassagyarmat and the gas delivery station in Balassagyarmat along with the associated modifications will create a looped pipeline system, thus ensuring both the possibility of bidirectional supply to the pipeline system concerned as well as increasing the security of supply to consumers.

The interconnection of the given pipelines is FGSZ's own proposal to increase security of supply for domestic consumers, the project will neither create new capacity, nor upgrade the existing one.

Deadline for implementing the development: **The project is to be carried out in the next three years.**

PROJECT SESCRIPTION



Projects not approved by the NRA

PROJECT DESCRIPTION

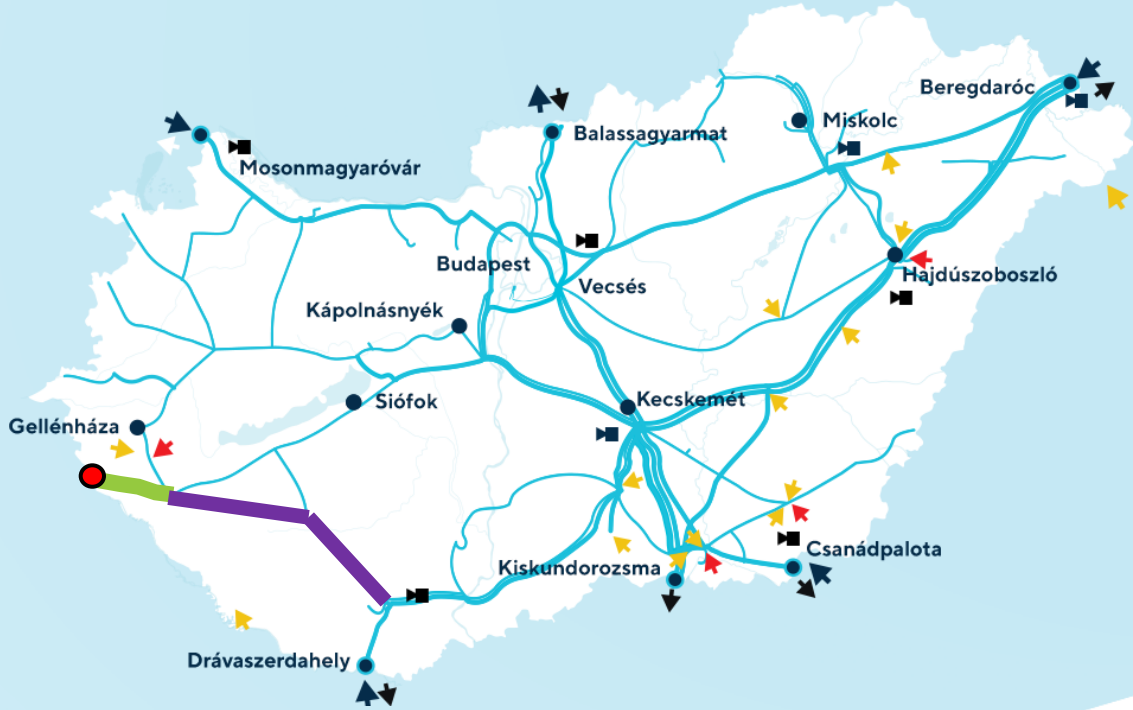
Route design for the Hungarian–Slovenian cross-border interconnector pipeline

Based on the Letter of Intent signed by FGSZ and Plinovodi on March 19, 2026, it is also necessary to design the Nagykanizsa–Tornyiszentmiklós–SI/HU border route, which must accommodate the cross-border interconnection point with both capacities of 50 tcm/h (0.44 bcma) (Option 2) and 190 tcm/h (1.66 bcma) (Option 3) (whilst the latter also requires the design of the Kozármisleny–Kaposvár–Nagykanizsa route).

The objective of the project is to prepare the route planning, with the following preliminary scope:

- selection of the optimal pipeline route (including a route survey),
- preparation of the route design,
- collection of cadastral parcel numbers and identification of owners,
- preliminary environmental, utility and operator consultations.

PROJECT



Projects not approved by the NRA

PROJECT DESCRIPTION

Construction of the Hungarian-Slovenian interconnector pipeline

Based on the Letter of Intent signed by FGSZ and Plinovodi on 19 March 2026, the realization of different investments is required for the implementation of both the cross-border point with a capacity of 50 tcm/h (0.44 bcma) (Option 2) and 190 tcm/h (1.66 bcma) (Option 3)

Investments needed:

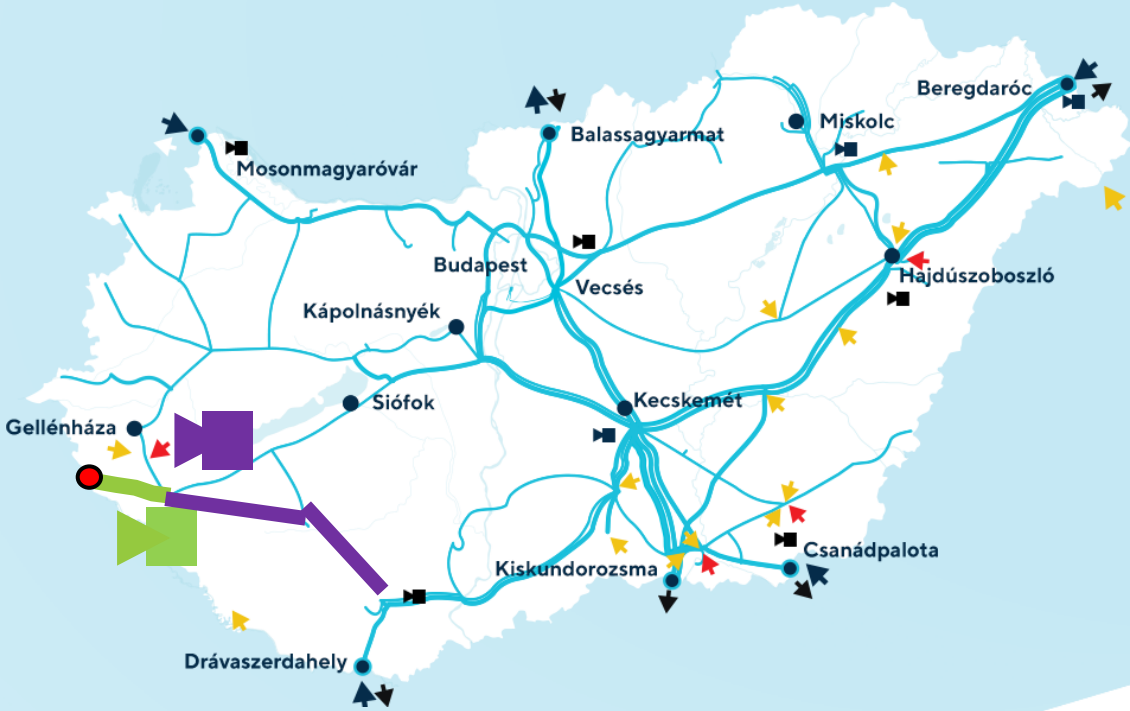
Option 2:

- SI/HU border - Tornyiszentmiklós pipeline (0.7 km, DN500, PN75);
- GMS Tornyiszentmiklós;
- Tornyiszentmiklós - Nagykanizsa pipeline (40 km, DN600, PN63);
- Gas engine driven compressor station in Nagykanizsa (2 x 1.2 MW)

Option 3 (additional investment to the 2nd option):

- Upgrading the GMS Tornyiszentmiklós (50 tcm/h to 190 tcm/h);
- Kozármisleny-Kaposvár-Nagykanizsa pipeline (DN600, PN63, ~158 km);
- Node developments (Kozármisleny, Kaposvár, Nagykanizsa, Edde);
- Upgrading the compressor station in Nagykanizsa (up to 2 x 3.4 MW)

PROJECT



The Nagykanizsa–Tornyiszentmiklós (DN600) pipeline should be considered in the next TYNDP proposals only if the demand assessment procedure shows interest in such a capacity level.

Projects not approved by the NRA

PROJECT DESCRIPTION

Reconstruction of the odorization system in the Transdanubian region - phase II.

The current central odorization system in Transdanubia does not allow flows between Transdanubia and Central Hungary in all operating modes. With this development, natural gas will be non-odorised in the main pipelines and can be transported in any direction. It will be possible to flow the maximum amount of natural gas transported from Austria to Transdanubia and Central Hungary, and the system will become more flexible and independent of critical factors influencing the deliveries.

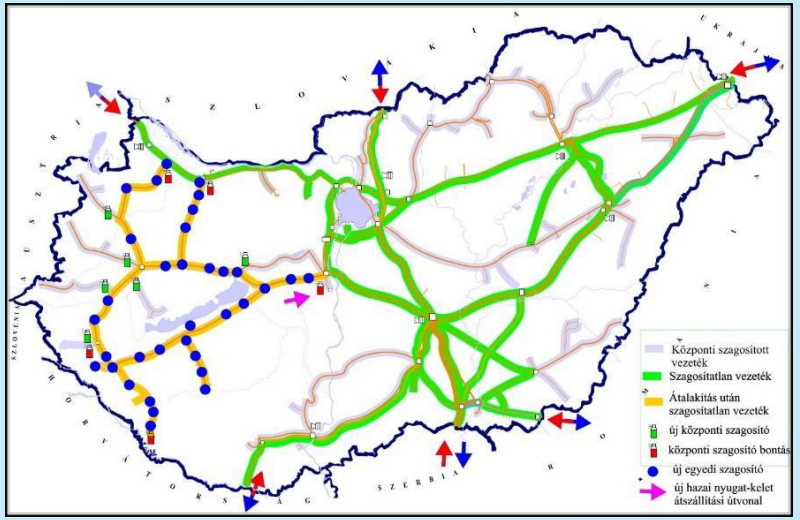
Investments needed:

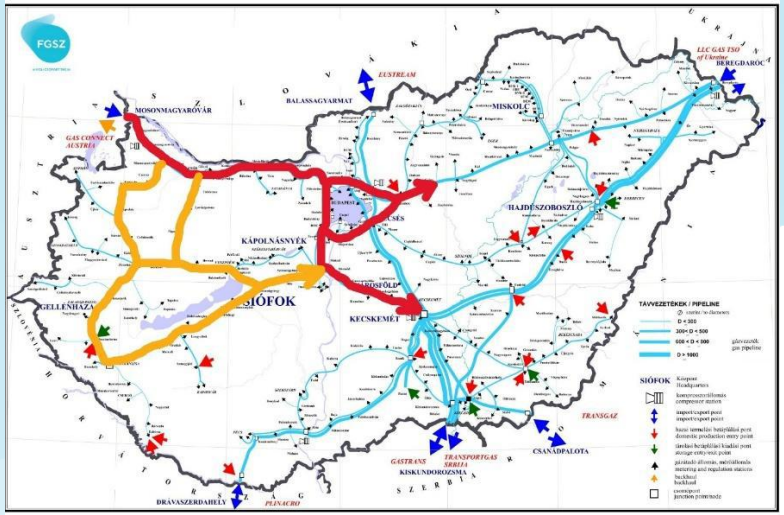
1. Installation of a new central odorization system(7 pcs)
2. Dismantling of existing central odorization system (5 pcs)
3. Installation of individual odorization units (42 pcs)

The Authority concluded that the reconstruction of the odorization system will not improve the security of supply for users; however, it has an international effect, as failure to proceed with the investment could potentially result in reduced cross-border capacities. Thus, there may be a need that justifies implementing the project, but further analysis is required.

The Authority required further investigation to determine whether such prerequisites had been met.

PROJECT





Projects not approved by the NRA

PROJECT DESCRIPTION

Transmission system investments required to restore the electricity system in the event of a blackout

In accordance with the provisions of the Resolution No. H176/2026 of MEKH, FGSZ examined what developments of the natural gas transmission system are required to support the rapid and efficient restoration of the electricity system following a power supply outage/blackout affecting a potentially large-area, with particular attention to the requirements set out in GKM Decree 44/2002 (XII. 28.) on the minimum level of energy carrier reserves for power plants with a capacity of 50 MW or more and the rules for maintaining such reserves.

As a result of the assessment, the following developments are required on the transmission system:

- Installation of 2 high-capacity gas engine generators at the nodes in Mosonmagyaróvár and n Városföld
- Installation of 34 gas engine generators at designated exit points

The Authority ordered a further review of whether the preconditions set forth in Section V of the main part of resolution No. H2740/2026 had been met.

PROJECT

