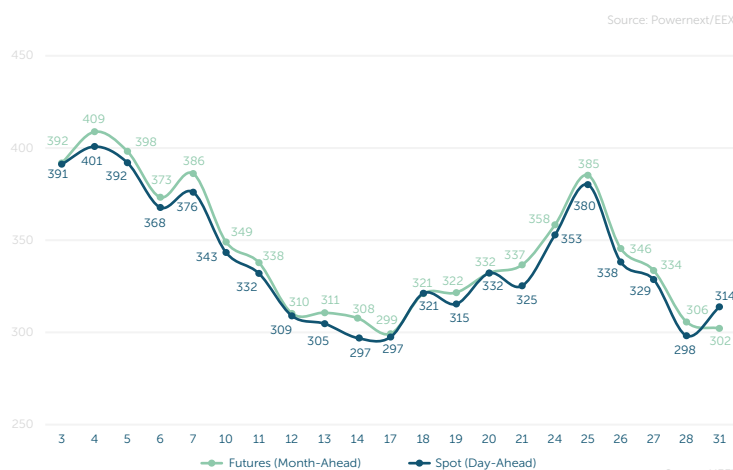


UKRAINIAN AND EUROPEAN GAS MARKET NAVIGATOR (JULY 2023)

Gas prices at the Dutch hub TTF, \$ per thousand cm

The average natural gas spot price at the TTF hub in July was 28.960 EUR/MWh (\$339, or UAH 12 412 per thousand cm).

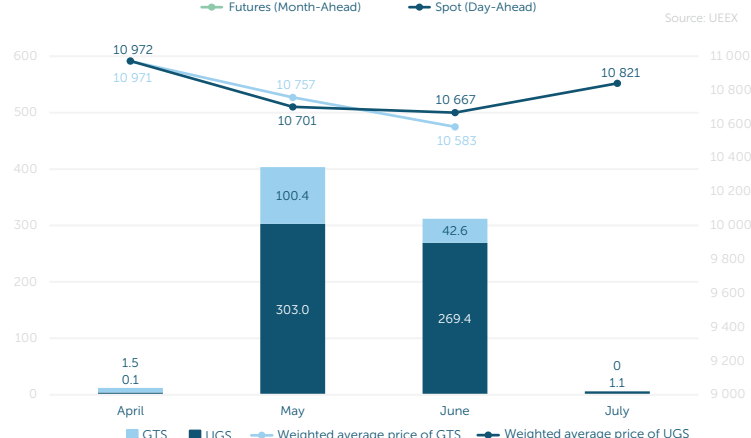
The average futures price of natural gas at the TTF hub (Month-Ahead), excluding the last day, was 29.531 EUR/MWh (\$346, or UAH 12 657 per thousand cm).



Results of natural gas purchase from domestic production by NJSC "Naftogaz of Ukraine" at Ukrainian Energy Exchange

In July, Naftogaz purchased 1.1 million cm of Ukrainian gas from producers and traders at an average weighted price of UAH 10 820.91 per thousand cm (net of VAT).

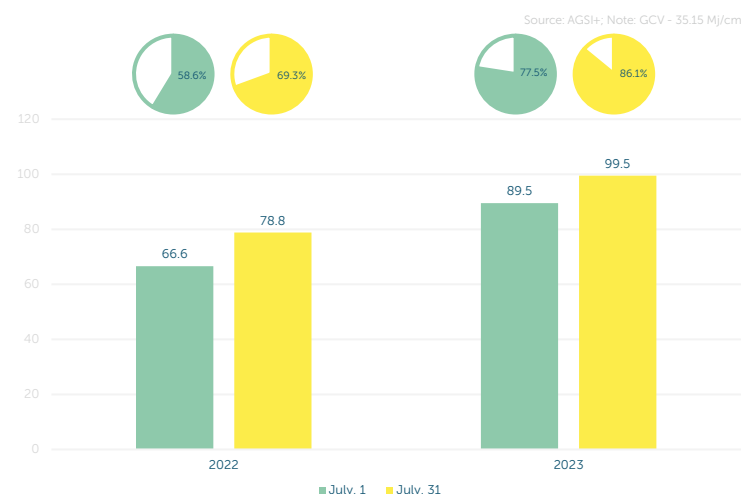
Since April 26, when trading on the exchange began, the state company has purchased a total of 718.1 million cm at an average weighted price of UAH 10 690.59 per thousand cm (net of VAT).



Filling rates of European underground gas storages, billion cm

As of the last day of the month, the gas storages in the region were filled to 86.1%, which is 16.7% more than the same period the previous year. At the same time, in last year's July, 2.2 billion cm more resource was injected.

Let us recall that for this year, the European Commission has set a minimum filling level for European UGS (underground gas storages) of 90% by November 1, 2023. Given the pace of the past months, this goal could be achieved as early as the second half of August. In 2022, EU countries reached the 90% mark on October 5.



Volumes of Russian gas transit via Ukraine, million cm

The import of natural gas to Ukraine for the month amounted to 589 million cm, of which 223.8 million cm, or 38% of the total supply volume, came from Hungary, 142.9 million cm (24%) - from Moldova, 119.6 million cm (20%) - from Slovakia and 102.8 million cm (18%) - from Poland. 99% of the nearly 600 million cm arrived in "customs warehouse" and short-haul modes from non-resident traders.

In July, "Gazprom" transported 35% of the contracted volume. Over seven months, the transit of Russian gas via the Ukrainian GTS amounted to 8.23 bcm, which is 41% less than last year, and 68% less than in 2021.

