

# EPIAS

## NATURAL GAS MARKET MONTHLY BULLETIN

JANUARY 2025



SUMMARY DATA (1/2)

Arithmetic Means

	January 2025	December 2024	Monthly Change	January 2024	Annual Change
Number of Ordered Participants	6	8	-20.8%	13	-50.4%
Number of Trades	5	8	-36.8%	13	-59.5%
Number of Orders	16	23	-28.8%	37	-56.4%
BGSP (TL/'000 Sm <sup>3</sup> )	11.918	11.727	1.6%	10.993	8.4%
DRP (TL/'000 Sm <sup>3</sup> )	12.546	12.345	1.6%	11.572	8.4%
BGPP (TL/'000 Sm <sup>3</sup> )	13.176	12.962	1.7%	12.150	8.4%
Traded Volume (mio.Sm <sup>3</sup> )	0,65	0,94	-30.2%	1,00	-34.4%
Transaction Volume (TL)	8.139.832	11.449.118	-28.9%	11.597.683	-29.8%
Gas Entry Volume (mio.Sm <sup>3</sup> )	249,32	245,13	1.7%	220,28	13.2%
Gas Exit Volume (mio.Sm <sup>3</sup> )	249,39	245,09	1.8%	220,26	13.2%
WRP (TL/'000 Sm <sup>3</sup> )	0	0	-	0	-

Maximum / Minimum Levels

	January 2025		December 2024		January 2024	
	Max	Min	Max	Min	Max	Min
Number of Trades	9	3	12	6	22	2
Number of Ordered Participants	9	5	11	6	15	10
Number of Orders	23	9	32	18	62	24
BGSP (TL/'000 Sm <sup>3</sup> )	12.284	11.617	12.246	11.343	11.648	10.681
DRP (TL/'000 Sm <sup>3</sup> )	12.931	12.229	12.890	11.940	12.261	11.243
BGPP (TL/'000 Sm <sup>3</sup> )	13.577	12.916	13.535	12.537	12.874	11.805
Traded Volume (mio.Sm <sup>3</sup> )	2,04	0,21	1,91	0,32	2,97	0,30
Transaction Volume (TL)	25.072.842	2.711.350	22.836.045	4.147.696	35.194.475	3.440.219
Gas Exit Volume (mio.Sm <sup>3</sup> )	279,34	212,68	273,49	200,16	253,20	152,27
Gas Entry Volume (mio.Sm <sup>3</sup> )	279,35	212,35	274,22	200,60	254,42	151,37
WRP (TL/'000 Sm <sup>3</sup> )	0	0	0	0	0	0

SUMMARY DATA (2/2)

Totals

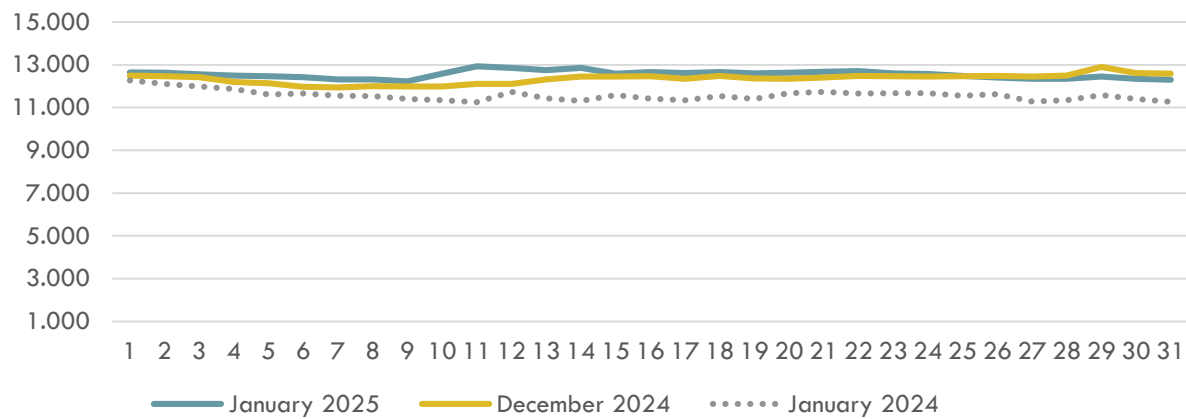
	January 2025	December 2024	Monthly Change	January 2024	Annual Change
Ratio of Natural Gas Based Generation to Total Electricity Generation (%)	0	27	-100.0%	12	-100.0%
Total Production of Natural Gas Based Power Plants (MWh)	0	7.621.981	-100.0%	3.244.063	-100.0%
Total Electricity Generation (MWh)	0	28.393.419	-100.0%	27.267.859	-100.0%
Number of Trades	158	250	-36.8%	390	-59.5%
Number of Orders	504	708	-28.8%	1.155	-56.4%
Traded Volume (mio.Sm <sup>3</sup> )	20,27	29,05	-30.2%	30,92	-34.4%
Transaction Volume (TL)	252.334.781	354.922.672	-28.9%	359.528.163	-29.8%
Gas Entry Volume (mio.Sm <sup>3</sup> )	7.728,91	7.599,03	1.7%	6.828,67	13.2%
Gas Exit Volume (mio.Sm <sup>3</sup> )	7.730,95	7.597,69	1.8%	6.828,05	13.2%

Brent Oil and TTF Prices

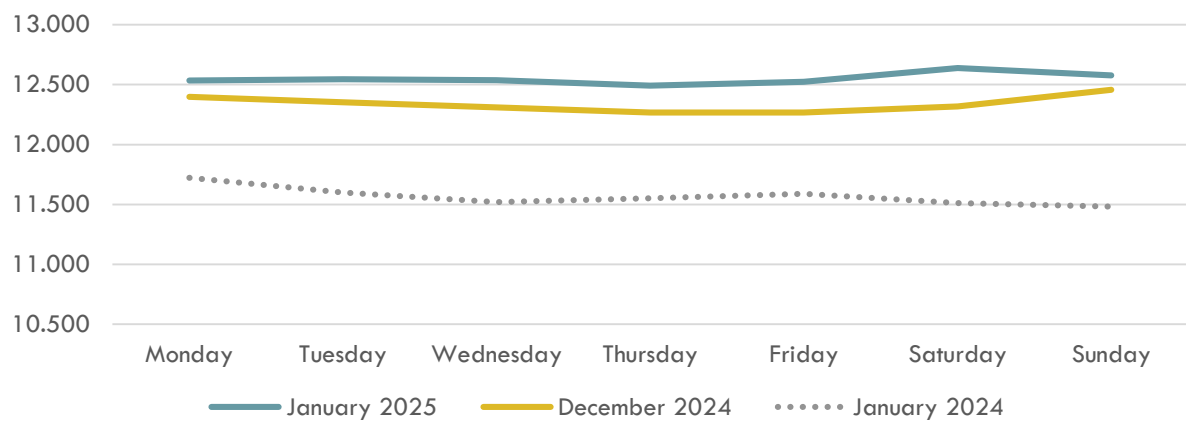
	January 2025	December 2024	Aylık Değişim	January 2024	Yıllık Değişim
Brent Oil (\$/bl)	78,35	73,13	7.1%	79,06	-0.9%
TTF (€/MWh)	48,52	44,89	8.1%	29,93	62.1%

PRICES (1/2)

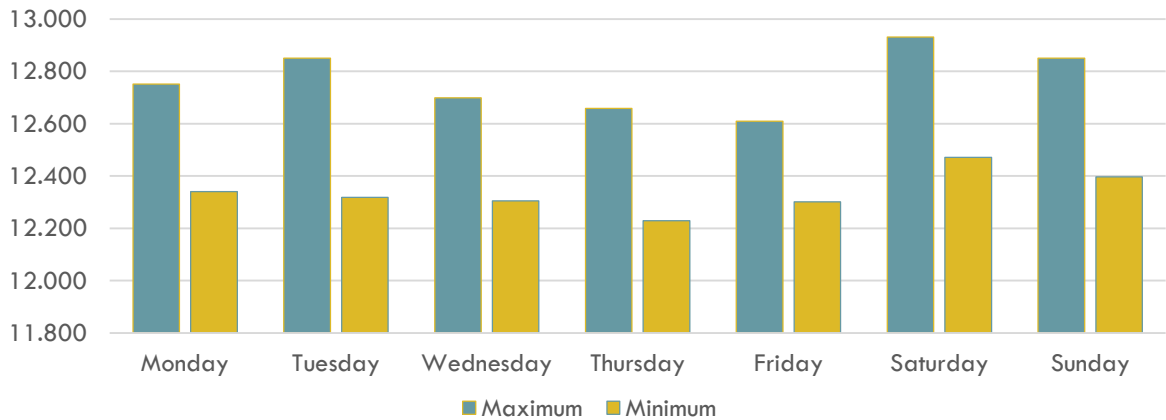
Natural Gas Market DRP (TL/‘000 Sm<sup>3</sup>)



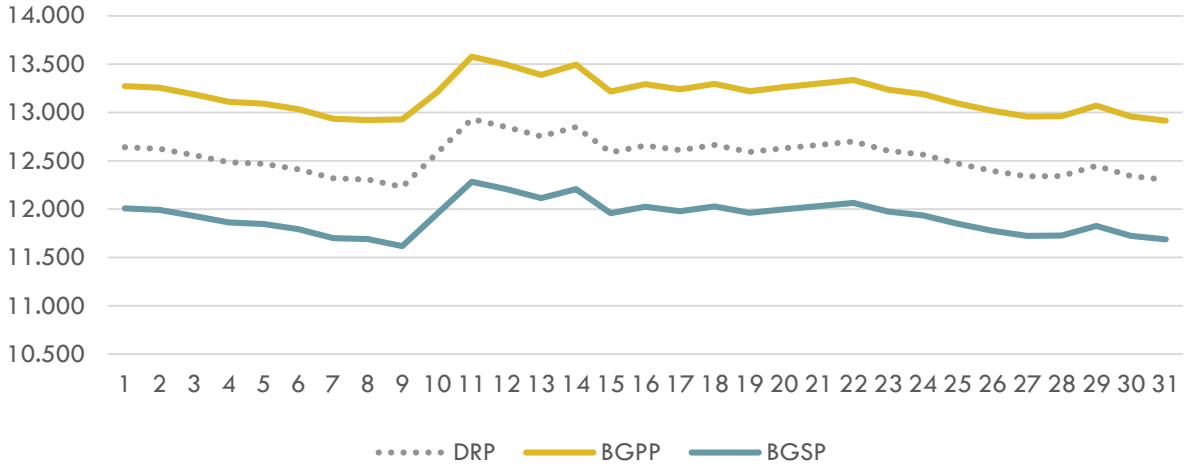
Natural Gas Market By Days DRP (TL/‘000 Sm<sup>3</sup>)



January 2025 Natural Gas Market By Days Max / Min DRP (TL/‘000 Sm<sup>3</sup>)



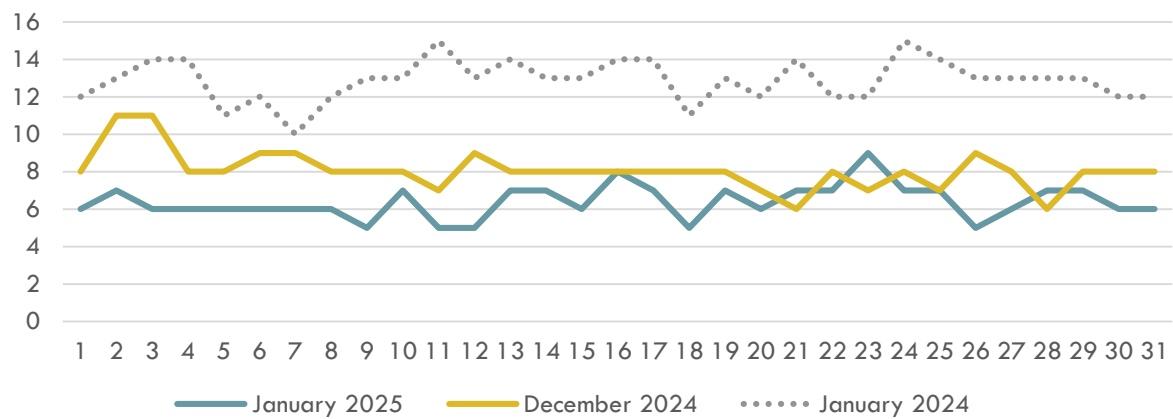
## PRICES (2/2)

January 2025 DRP - BGPP - BGSP (TL/'000 Sm<sup>3</sup>)

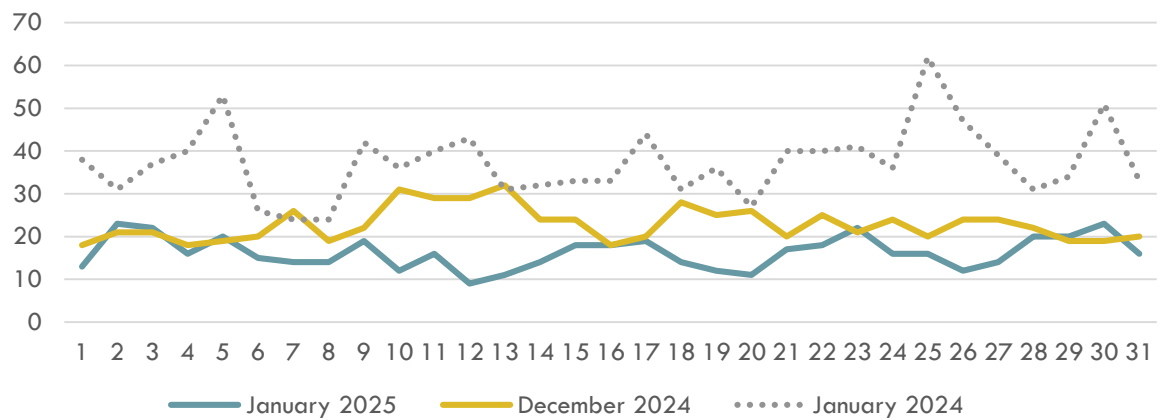
- ✓ The maximum DRP was 12,931 TL on 11 January 2025 Sat; the minimum DRP was realized at the level of 12,229 TL on 09 January 2025 Thu.
- ✓ The Maximum BGPP was 13,577 on 11 January 2025 Sat; the minimum BGPP was realized at the level of 12,916 TL on 31 January 2025 Fri.
- ✓ The maximum BGSP was 12,284 on 11 January 2025 Sat; the minimum BGSP was realized at the level of 11,617 TL on 09 January 2025 Thu.

ORDERS, TRADES, VOLUMES (1/3)

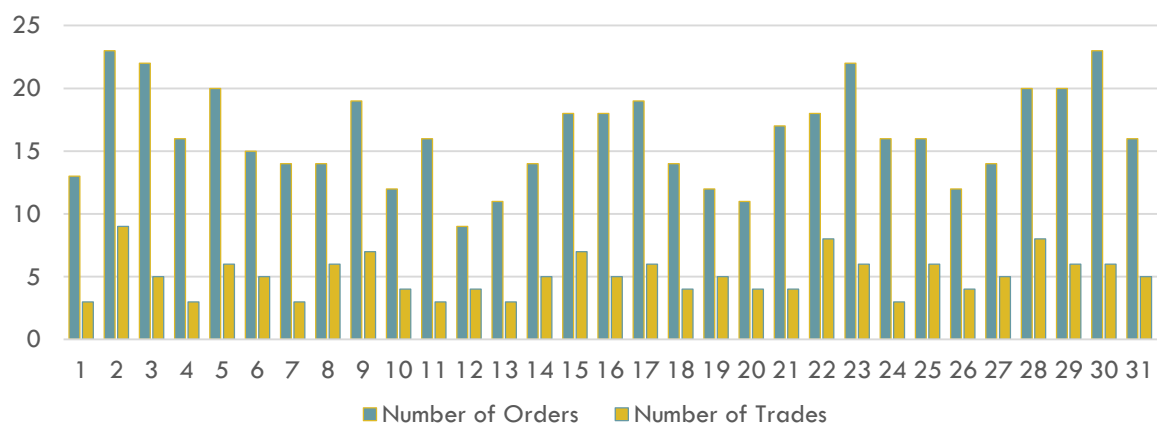
Natural Gas Market Number of Ordered Participants



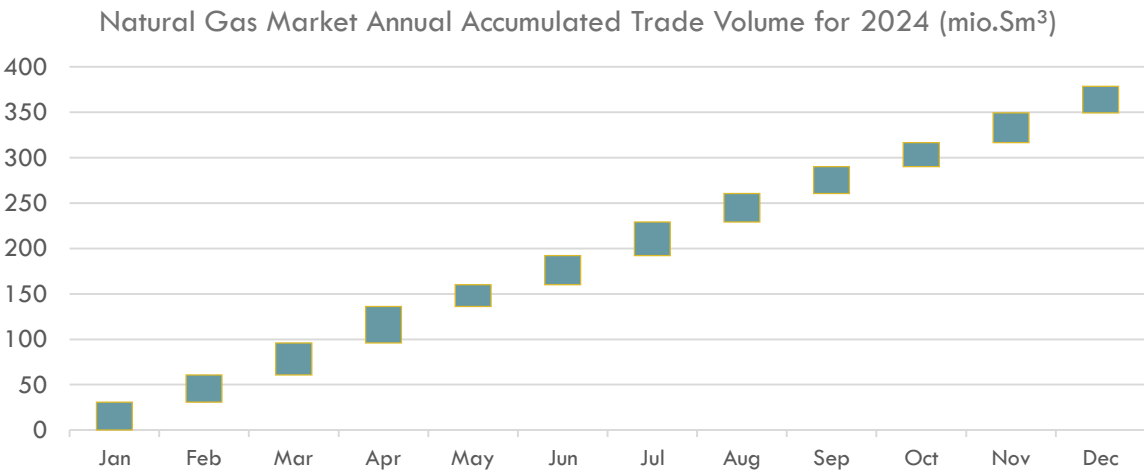
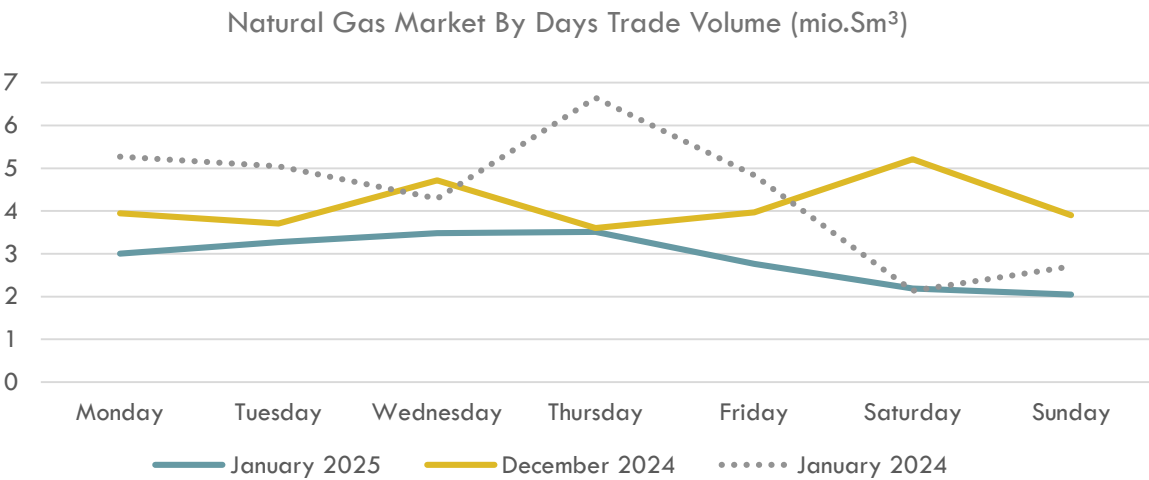
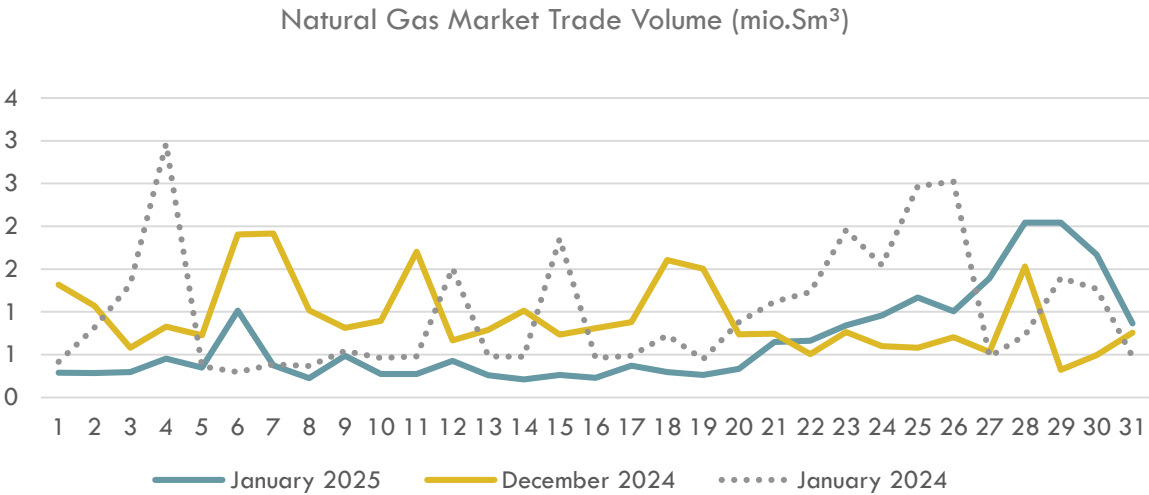
Natural Gas Market Number of Orders



January 2025 Natural Gas Market Number of Orders and Trades

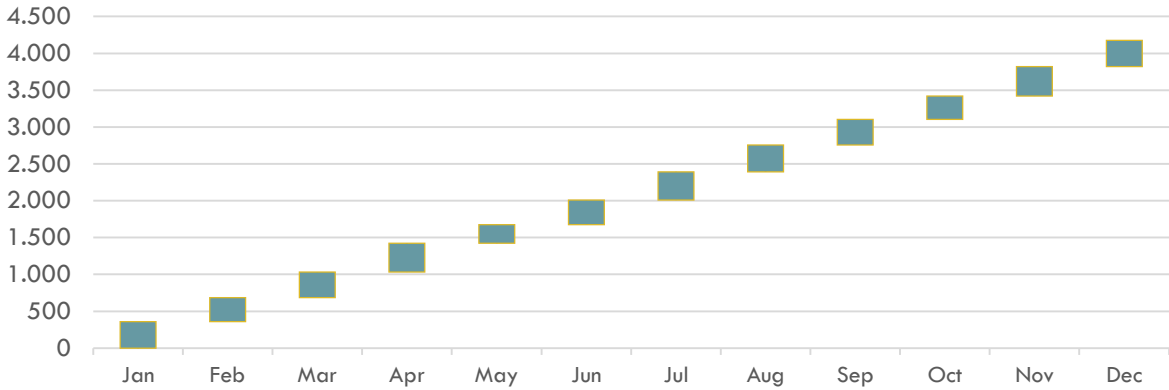


ORDERS, TRADES, VOLUMES (2/3)

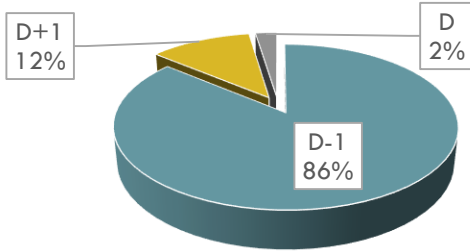


## ORDERS, TRADES, VOLUMES (3/3)

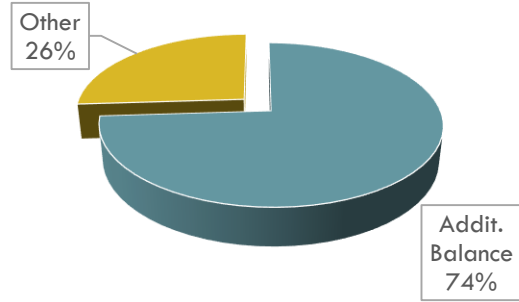
Natural Gas Market Annual Accumulated Transaction Volume for 2024 (Million TL)



Traded Volume of Daily Contracts for January 2025 Period by Sessions



Additional Balancing Traded Volume for January 2025 Period

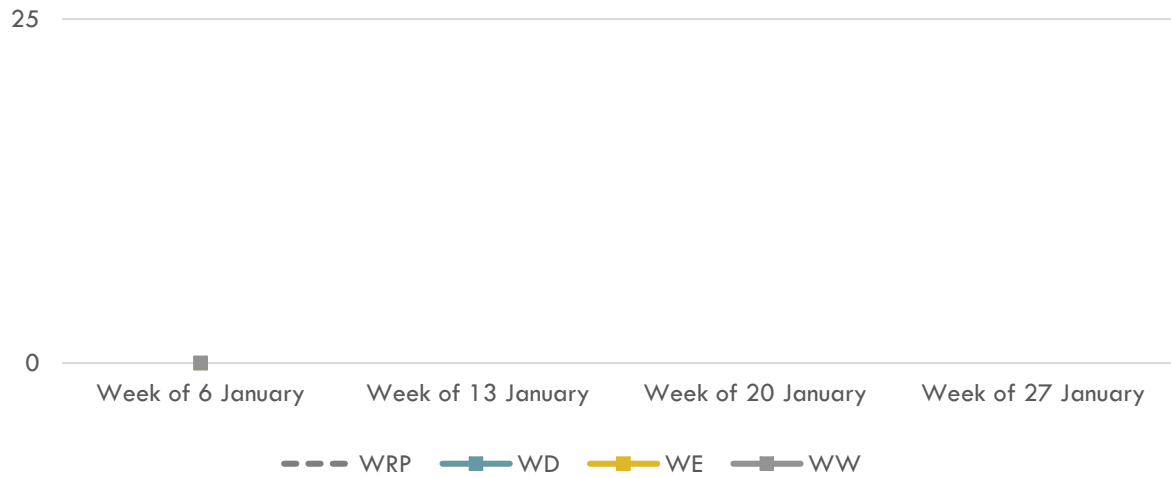


- ✓ The maximum total traded volume was 2.044 sm<sup>3</sup> on 28 January 2025 Tue; the minimum total traded volume was realized at the level of 211 sm<sup>3</sup> on 14 January 2025 Tue.
- ✓ The maximum total transaction volume was 25.072.842 TL on 29 January 2025 Wed; the minimum total transaction volume was realized at the level of 2.711.350 TL on 14 January 2025 Tue.
- ✓ The maximum d-1 traded volume was 1.575.000 sm<sup>3</sup> on 30 January 2025 Thu; the minimum d-1 traded amount was realized at the level of 194.000 sm<sup>3</sup> on 16 January 2025 Thu.
- ✓ The maximum d-1 traded volume was 19.438.500 TL on 30 January 2025 Thu; the minimum d-1 traded amount was realized at the level of 2.455.700 TL on 16 January 2025 Thu.
- ✓ The maximum d traded volume was 160.000 sm<sup>3</sup> on 28 January 2025 Tue; the minimum d traded amount was realized at the level of 0 sm<sup>3</sup> on 01 January 2025 Wed.
- ✓ The maximum d traded volume was 1.967.840 TL on 28 January 2025 Tue; the minimum d traded amount was realized at the level of 0 TL on 01 January 2025 Wed.
- ✓ The maximum d+1 traded volume was 933.000 sm<sup>3</sup> on 29 January 2025 Wed; the minimum d+1 traded amount was realized at the level of 0 sm<sup>3</sup> on 11 January 2025 Sat.
- ✓ The maximum d+1 traded volume was 11.242.650 TL on 29 January 2025 Wed; the minimum d+1 traded amount was realized at the level of 0 TL on 11 January 2025 Sat.
- ✓ The ratio of sgm compared to total consumption was realized at the level of 0,3% in January 2025.
- ✓ Sgm share in virtual trade was realized at 2,1% in January 2025.

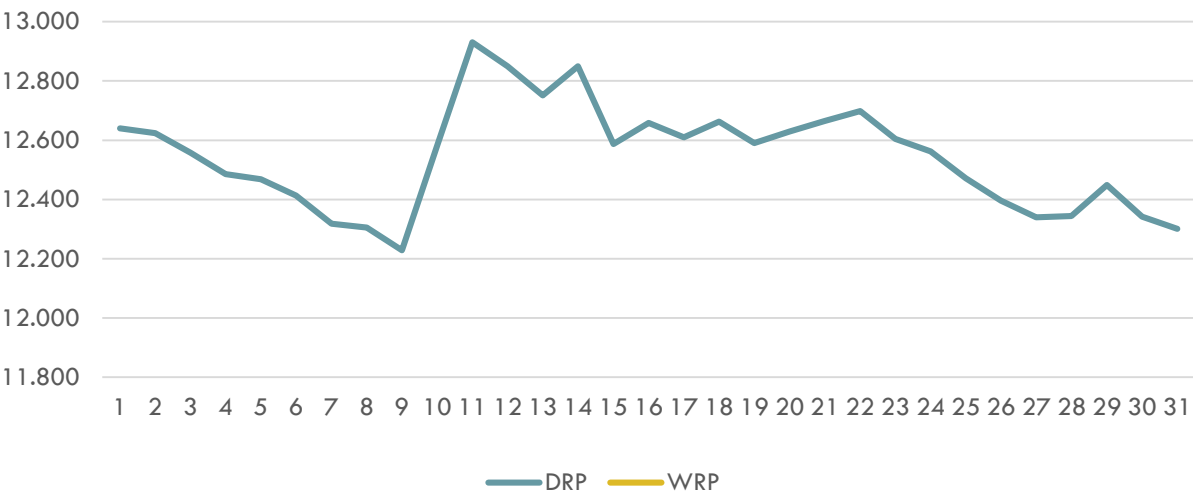


WEEKLY PRODUCTS (1/2)

January 2025 WRP - WD - WE - WW (TL/’000 Sm<sup>3</sup>)

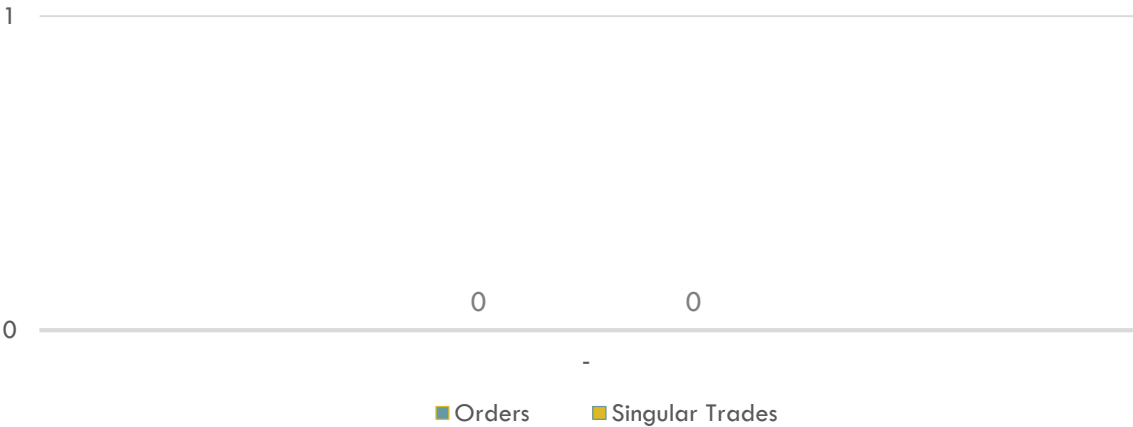


January 2025 DRP - WRP (TL/’000 Sm<sup>3</sup>)

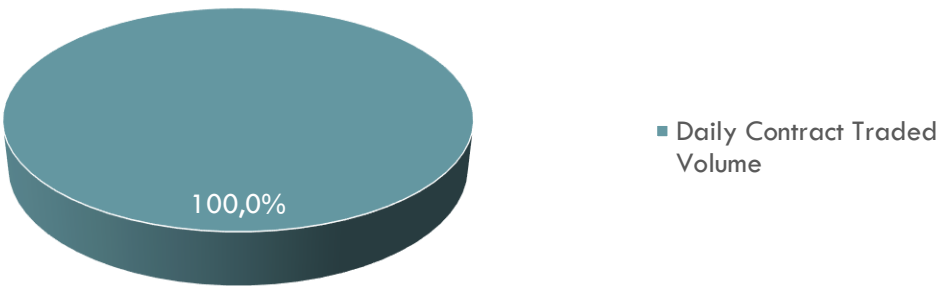


WEEKLY PRODUCTS (2/2)

January 2025 Weekly Products Number of Orders and Trades



January 2025 Traded Volume Distribution by Contract Type



SGM

Last 1 Year Trades

Period	Traded Volume (mio.Sm <sup>3</sup> )	Traded Amount (TL)
Jan 2024	30,92	359.528.163
Feb 2024	29,90	324.663.297
Mar 2024	35,01	347.575.284
Apr 2024	40,15	389.896.769
May 2024	24,20	251.465.820
Jun 2024	32,16	335.980.805
Jul 2024	36,79	380.935.322
Aug 2024	31,38	364.845.745
Sep 2024	29,54	350.226.989
Oct 2024	26,55	315.959.182
Nov 2024	32,86	398.850.528
Dec 2024	29,05	354.922.672
Jan 2025	20,27	252.334.781

SGM's share in Total Cons. and Virtual Trade

Period	Total Consumption (%)	Virtual Trade (%)
Jan 2024	0,4%	14,4%
Feb 2024	0,5%	16,4%
Mar 2024	0,6%	22,4%
Apr 2024	1,3%	22,1%
May 2024	0,7%	13,3%
Jun 2024	1,2%	20,8%
Jul 2024	1,0%	17,6%
Aug 2024	0,8%	2,6%
Sep 2024	0,8%	17,7%
Oct 2024	0,6%	3,5%
Nov 2024	0,5%	2,3%
Dec 2024	0,4%	2,5%
Jan 2025	0,3%	2,1%

GAS FUTURES MARKET (1/1)

Daily Indicator Price For Contracts (TL)

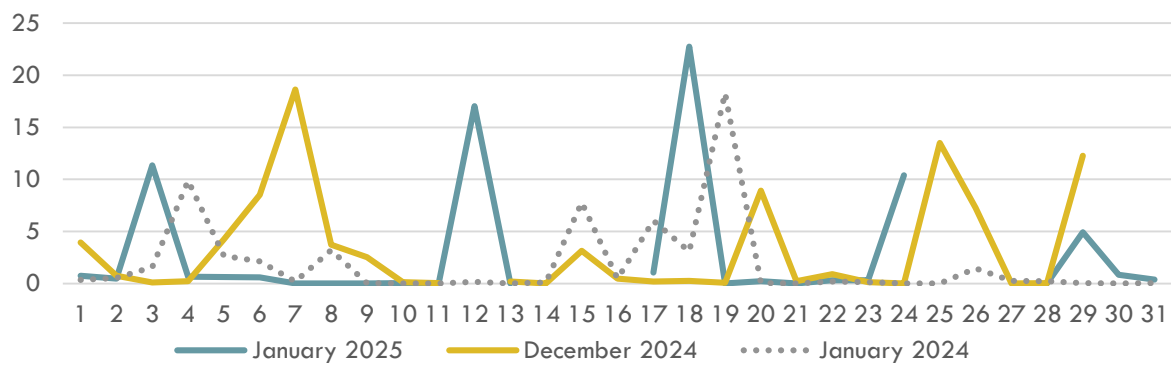
Contract Name	Average Daily Indicator Price (TL)	Minimum Daily Indicator Price (TL)	Maximum Daily Indicator Price (TL)
GM2502	18.653	18.653	18.653
GM2503	15.375	15.375	15.375
GM2504	17.609	17.609	17.609
GM2505	17.759	17.759	17.759
GM2506	18.972	18.972	18.972
GM2507	17.537	17.537	17.537
GM2508	15.156	15.156	15.156
GM2509	21.274	21.274	21.274
GM2510	16.819	16.819	16.819
GM2511	17.780	17.780	17.780
GM2512	26.565	26.565	26.565
GM2601	17.186	17.186	17.186
GM2602	16.385	16.385	16.385
GQ2502	18.110	18.110	18.110
GQ2503	17.954	17.954	17.954
GQ2504	20.416	20.416	20.416
GQ2601	17.220	17.220	17.220
GY26	22.823	22.823	22.823

Traded Volumes (mio.Sm3) and Traded Amounts (TL) For Contracts

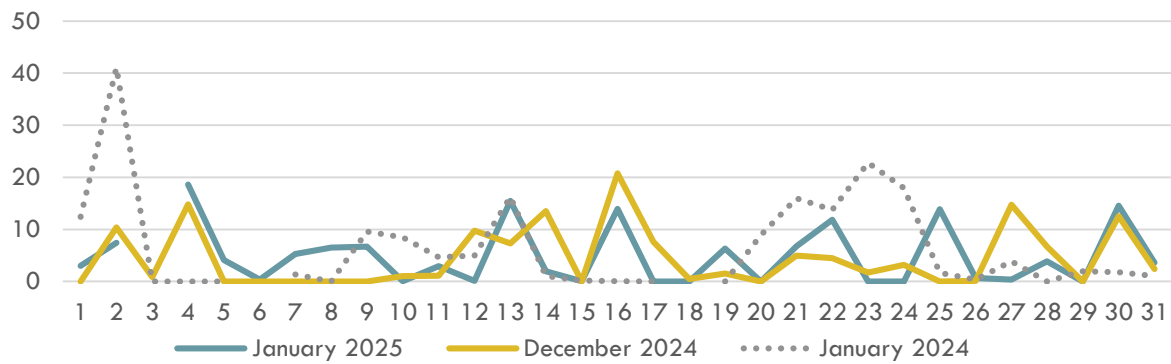
Contract Name	Traded Volume (mio.Sm3)	Traded Amount (TL)	Average Price (TL)
-	0	0	0

TRANSMISSION SYSTEM DATA (1/2)

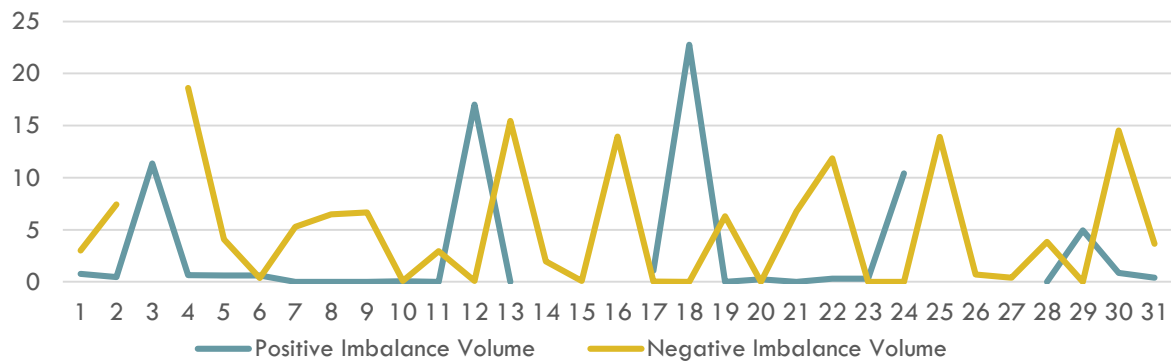
Natural Gas Market Positive Imbalance Volume (mio.Sm<sup>3</sup>)



Natural Gas Market Negative Imbalance Volume (mio.Sm<sup>3</sup>)

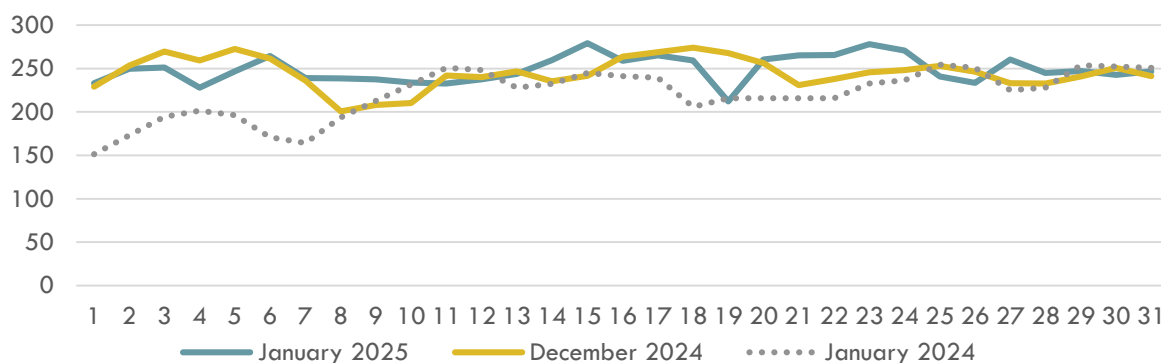
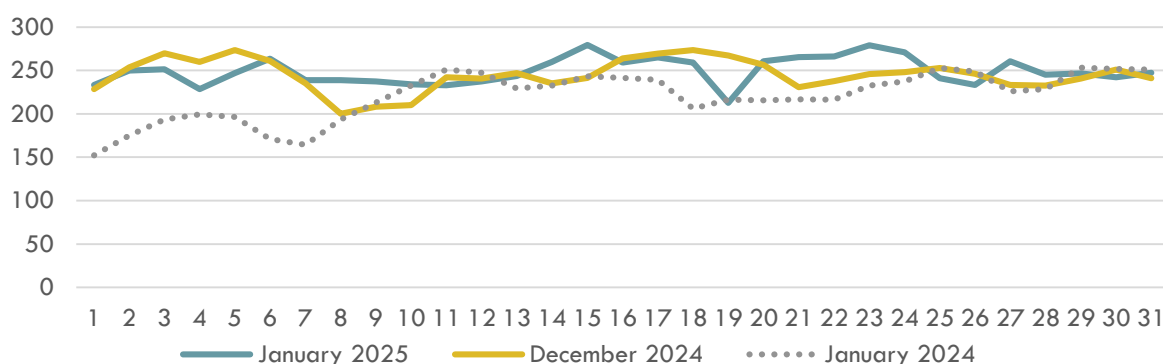
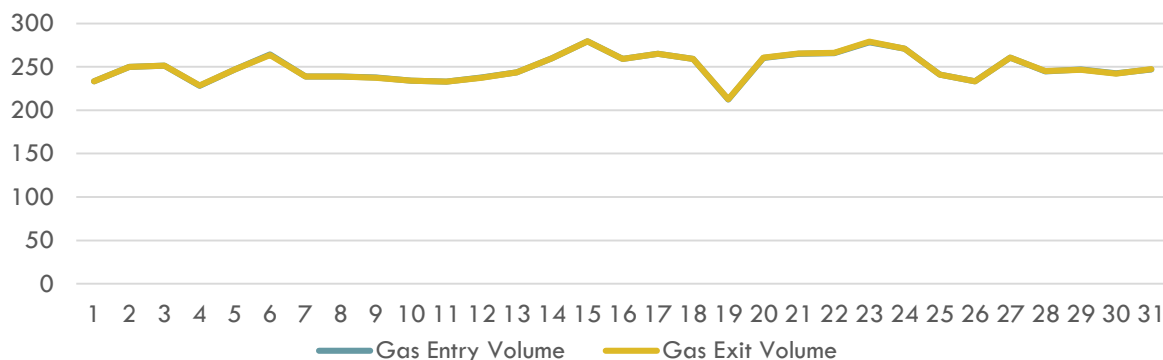


January 2025 Period Negative and Positive Imbalance Volume (mio.Sm<sup>3</sup>)



- ✓ The maximum positive imbalance volume was 22.753.465 sm<sup>3</sup> on 18 January 2025 Sat; the minimum positive imbalance volume was realized at the level of 0 sm<sup>3</sup> on 14 January 2025 Tue.
- ✓ The maximum negative imbalance volume was 18.625.985 sm<sup>3</sup> on 04 January 2025 Sat; the minimum negative imbalance volume was realized at the level of 0 sm<sup>3</sup> on 03 January 2025 Fri.

## TRANSMISSION SYSTEM DATA (2/2)

Natural Gas Market Gas Entry Volume (mio.Sm<sup>3</sup>)Natural Gas Market Gas Exit Volume (mio.Sm<sup>3</sup>)February 2021 Gas Entry and Exit Volume (mio.Sm<sup>3</sup>)

- ✓ Maximum gas entry volume realized on 15 January 2025 Wed was 279.347.443 sm<sup>3</sup>; minimum gas entry volume on 19 January 2025 Sun was 212.345.842 sm<sup>3</sup> levels.
- ✓ Maximum gas exit volume realized on 15 January 2025 Wed was 279.340.529 sm<sup>3</sup>; minimum gas exit volume 19 January 2025 Sun was 212.676.515 sm<sup>3</sup> levels.
- ✓ Maximum gas volume in stocks realized on 01 January 2025 Wed was 419.629.105 sm<sup>3</sup>; minimum stok gas volume 28 January 2025 Tue was 417.663.852 sm<sup>3</sup> levels.

