

EPIAS

NATURAL GAS MARKET MONTHLY BULLETIN

APRIL 2025



SUMMARY DATA (1 / 2)

Arithmetic Means

	April 2025	March 2025	Monthly Change	April 2024	Annual Change
Number of Ordered Participants	8	6	32,7%	11	-24,7%
Number of Trades	8	5	72,0%	9	-4,9%
Number of Orders	22	14	55,1%	33	-32,6%
BGSP (TL/’000 Sm³)	11.998	12.241	-2,0%	9.297	29,1%
DRP (TL/’000 Sm³)	12.629	12.886	-2,0%	9.786	29,1%
BGPP (TL/’000 Sm³)	13.261	13.534	-2,0%	10.372	27,9%
Traded Volume (mio.Sm³)	1,74	1,30	34,0%	1,34	30,0%
Transaction Volume (TL)	21.670.489	16.541.034	31,0%	12.996.559	66,7%
Gas Entry Volume (mio.Sm³)	166,99	197,82	-15,6%	99,49	67,8%
Gas Exit Volume (mio.Sm³)	167,02	197,75	-15,5%	99,55	67,8%
WRP (TL/’000 Sm³)	0	0	-	0	-

Maximum / Minimum Levels

	April 2025		March 2025		April 2024	
	Max	Min	Max	Min	Max	Min
Number of Trades	14	5	9	2	24	2
Number of Ordered Participants	10	6	8	4	15	8
Number of Orders	35	14	34	6	72	14
BGSP (TL/’000 Sm³)	12.287	11.814	12.806	11.720	9.748	7.922
DRP (TL/’000 Sm³)	12.933	12.436	13.480	12.337	10.261	8.339
BGPP (TL/’000 Sm³)	13.580	13.058	14.154	12.954	10.774	9.420
Traded Volume (mio.Sm³)	4,66	0,39	2,91	0,15	3,75	0,19
Transaction Volume (TL)	57.673.215	4.863.950	38.990.189	1.922.660	36.118.620	1.861.700
Gas Exit Volume (mio.Sm³)	231,15	123,85	270,36	106,92	119,13	81,06
Gas Entry Volume (mio.Sm³)	231,50	123,49	270,34	106,89	119,23	80,81
WRP (TL/’000 Sm³)	0	0	0	0	0	0

SUMMARY DATA (2/2)

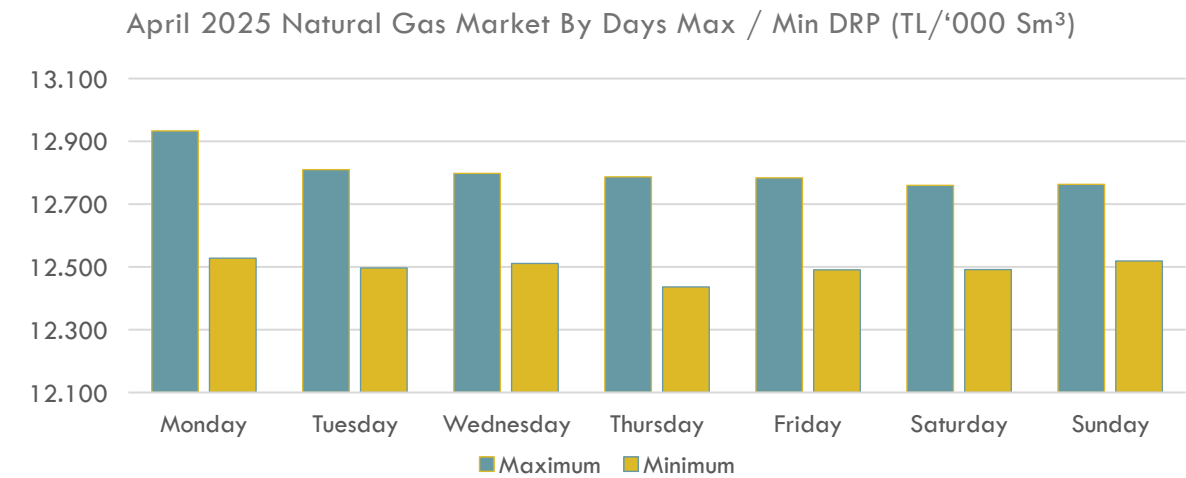
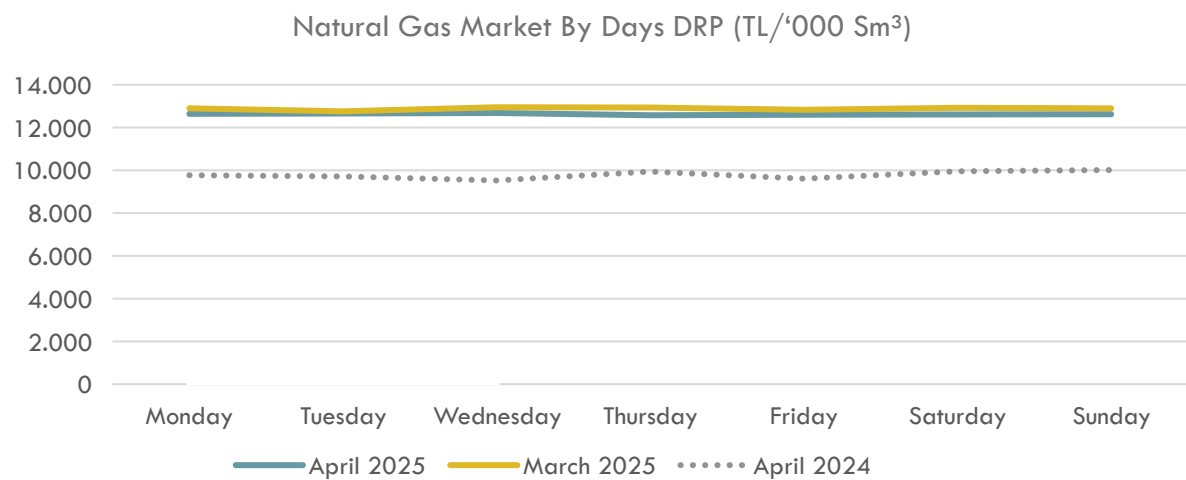
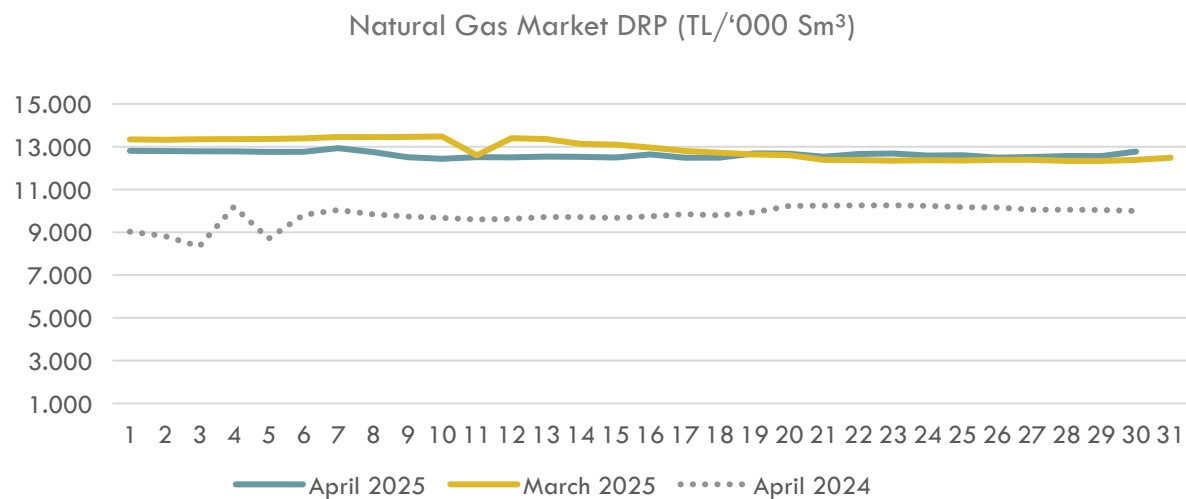
Totals

	April 2025	March 2025	Monthly Change	April 2024	Annual Change
Ratio of Natural Gas Based Generation to Total Electricity Generation (%)	16	18	-13,4%	9	84,7%
Total Production of Natural Gas Based Power Plants (MWh)	3.972.092	4.802.411	-17,3%	1.932.706	105,5%
Total Electricity Generation (MWh)	25.240.839	26.423.646	-4,5%	22.688.088	11,3%
Number of Trades	253	152	66,4%	266	-4,9%
Number of Orders	658	443	48,5%	960	-31,5%
Traded Volume (mio.Sm³)	52,20	40,25	29,7%	40,15	30,0%
Transaction Volume (TL)	650.114.669	512.772.059	26,8%	389.896.769	66,7%
Gas Entry Volume (mio.Sm³)	5.009,70	6.132,39	-18,3%	2.984,69	67,8%
Gas Exit Volume (mio.Sm³)	5.010,71	6.130,14	-18,3%	2.986,59	67,8%

Brent Oil and TTF Prices

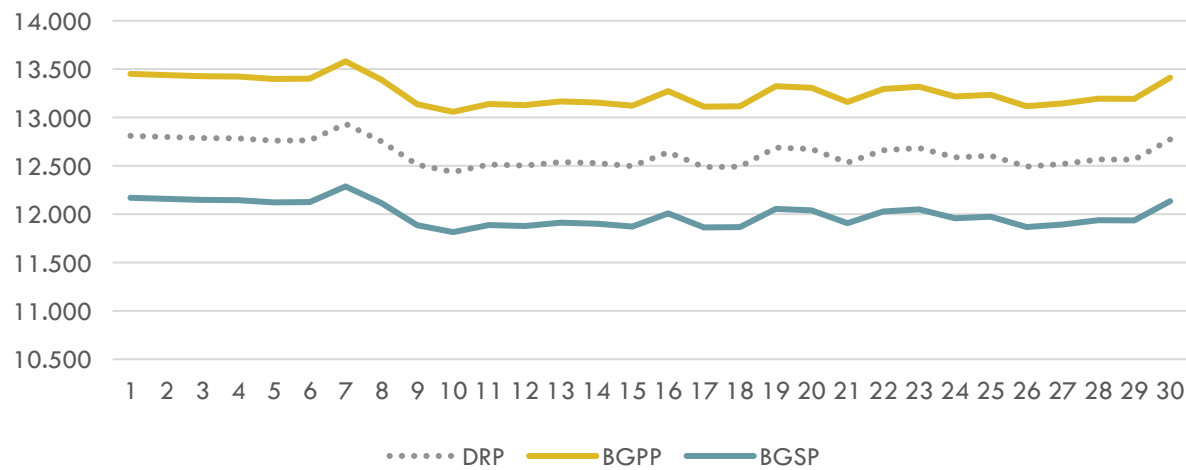
	April 2025	March 2025	Aylık Değişim	April 2024	Yıllık Değişim
Brent Oil (\$/bl)	66,46	71,47	-7,0%	89,01	-25,3%
TTF (€/MWh)	34,93	41,54	-15,9%	29,03	20,3%

PRICES (1/2)



PRICES (2/2)

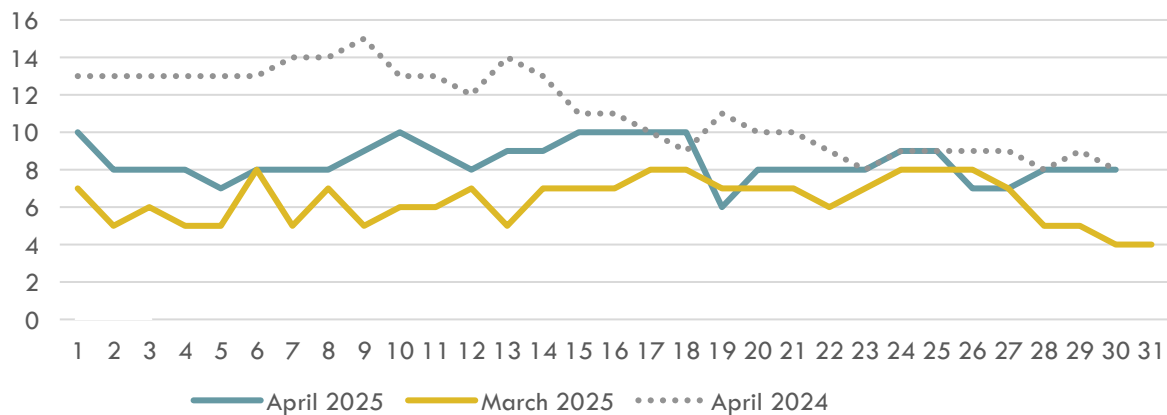
April 2025 DRP - BGPP - BGSP (TL/‘000 Sm³)



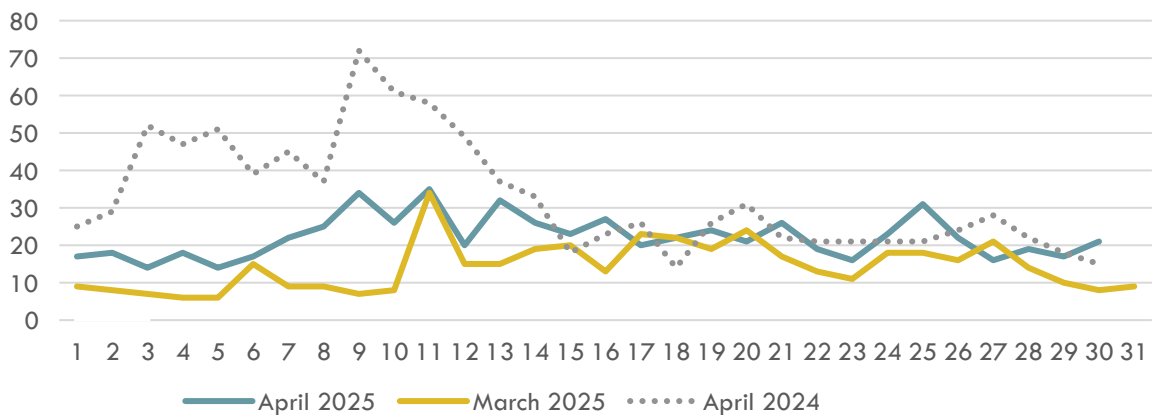
- ✓ The maximum DRP was 12.933 TL on 07 April 2025 Mon; the minimum DRP was realized at the level of 12.436 TL on 10 April 2025 Thu.
- ✓ The Maximum BGPP was 13.580 on 07 April 2025 Mon; the minimum BGPP was realized at the level of 13.058 TL on 10 April 2025 Thu.
- ✓ The maximum BGSP was 12.287 on 07 April 2025 Mon; the minimum BGSP was realized at the level of 11.814 TL on 10 April 2025 Thu.

ORDERS, TRADES, VOLUMES (1/3)

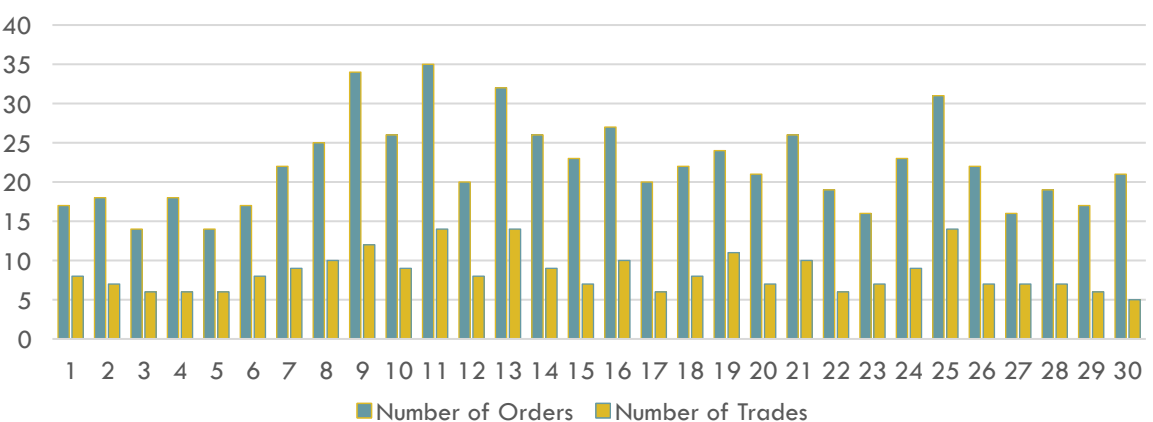
Natural Gas Market Number of Ordered Participants



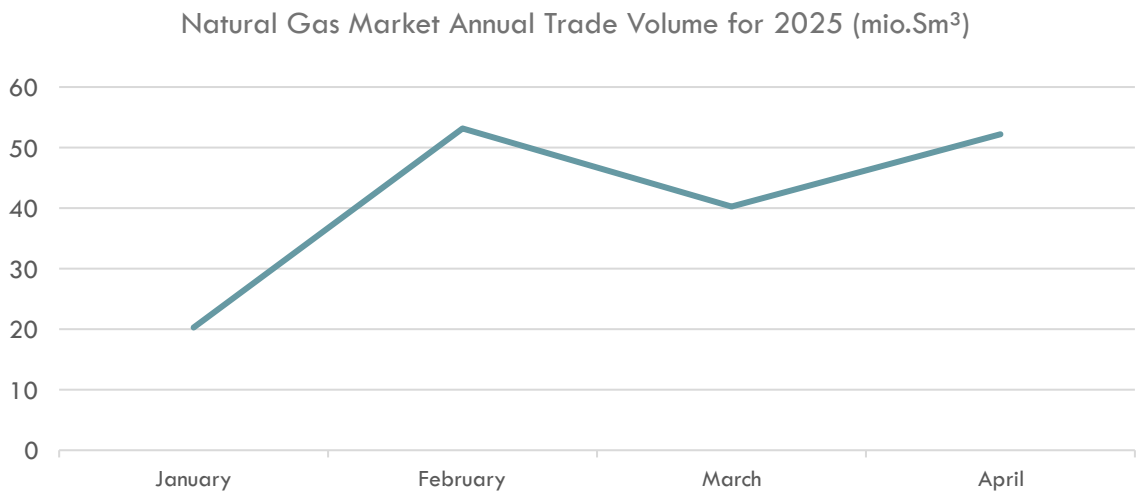
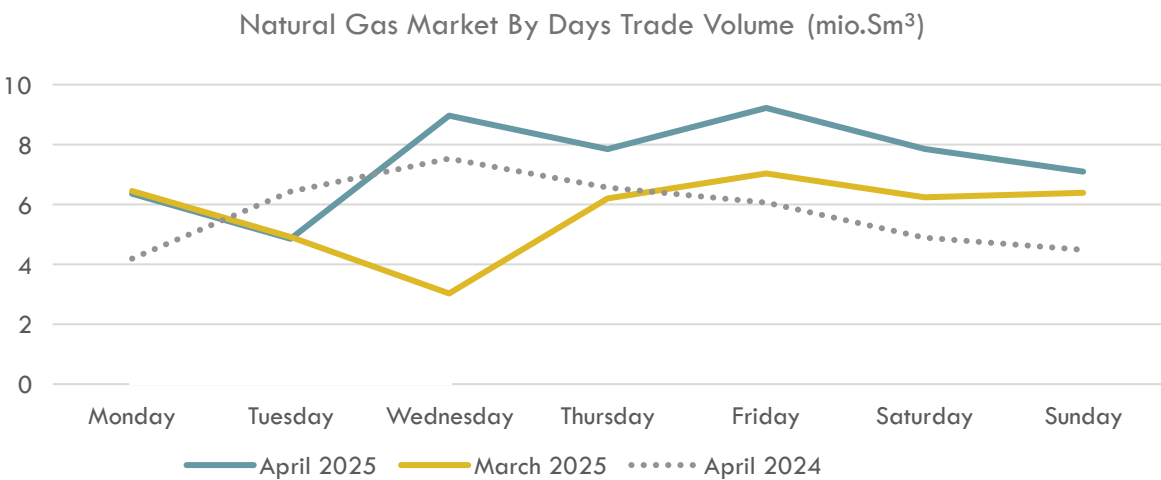
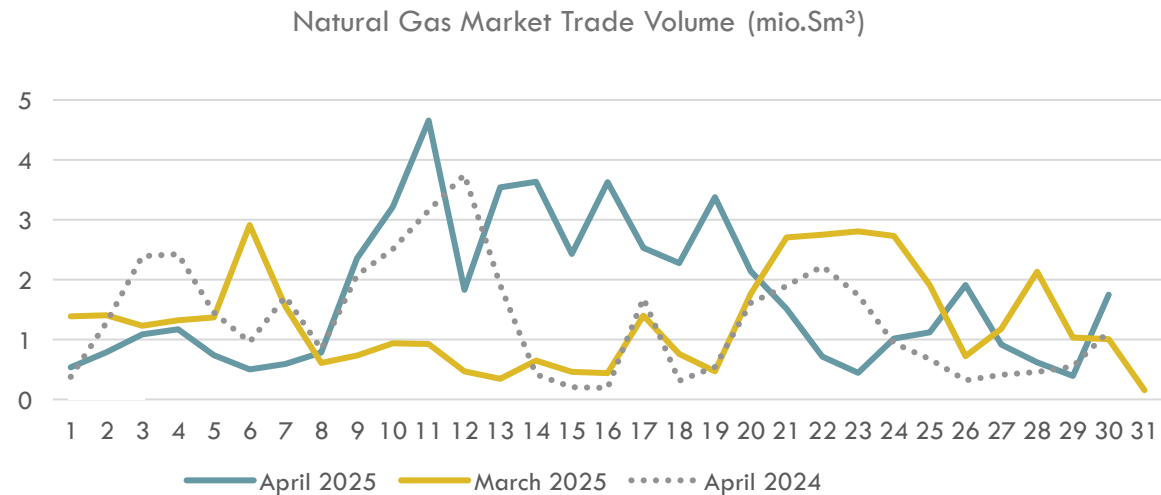
Natural Gas Market Number of Orders



April 2025 Natural Gas Market Number of Orders and Trades

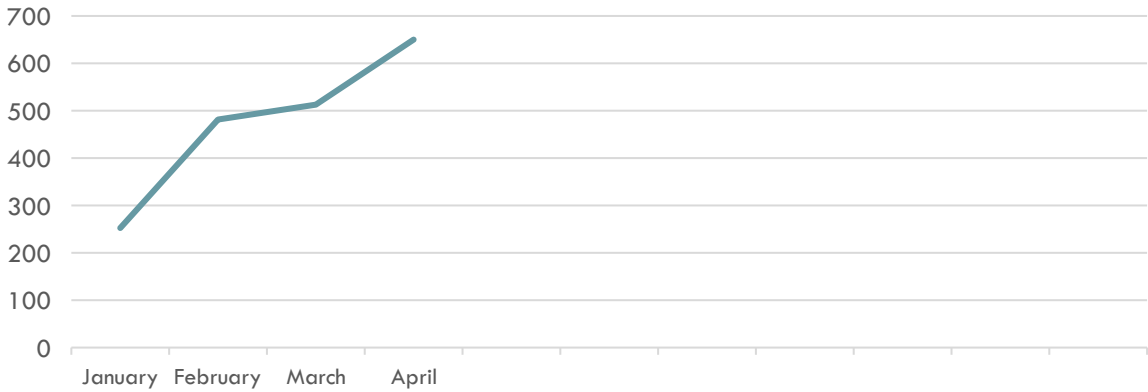


ORDERS, TRADES, VOLUMES (2/3)

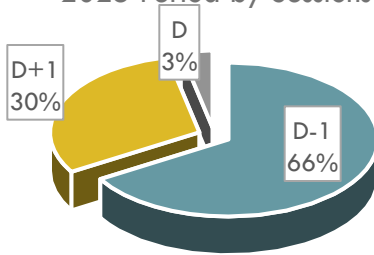


ORDERS, TRADES, VOLUMES (3/3)

Natural Gas Market Annual Transaction Volume for 2025 (Million TL)



Traded Volume of Daily Contracts for April 2025 Period by Sessions



Additional Balancing Traded Volume for April 2025 Period

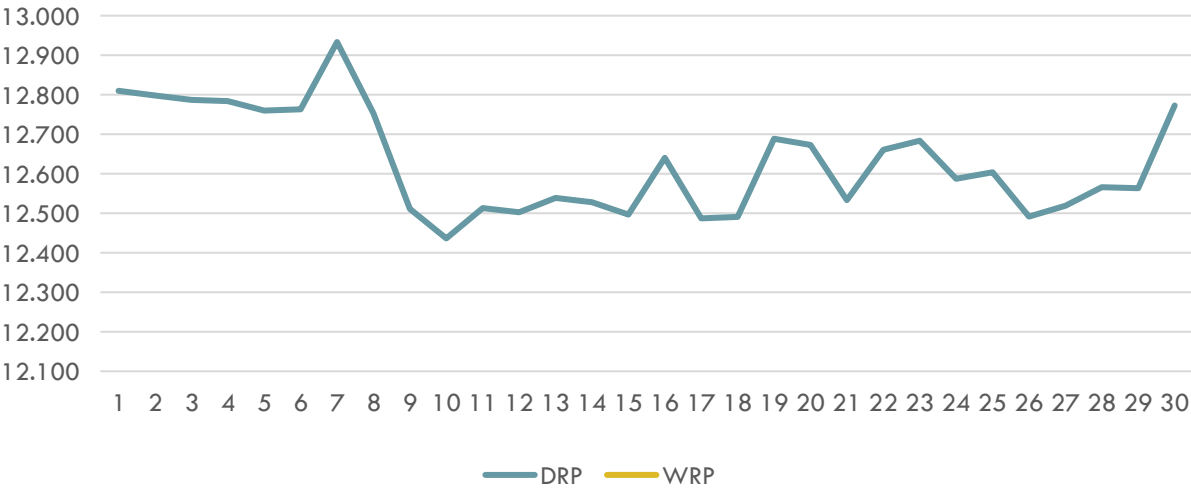


- ✓ The maximum total traded volume was 4.656 sm³ on 11 April 2025 Fri; the minimum total traded volume was realized at the level of 392 sm³ on 29 April 2025 Tue.
- ✓ The maximum total transaction volume was 57.673.215 TL on 11 April 2025 Fri; the minimum total transaction volume was realized at the level of 4.863.950 TL on 29 April 2025 Tue.
- ✓ The maximum d-1 traded volume was 3.106.000 sm³ on 11 April 2025 Fri; the minimum d-1 traded amount was realized at the level of 137.000 sm³ on 29 April 2025 Tue.
- ✓ The maximum d-1 traded volume was 38.852.915 TL on 11 April 2025 Fri; the minimum d-1 traded amount was realized at the level of 1.719.350 TL on 29 April 2025 Tue.
- ✓ The maximum d traded volume was 585.000 sm³ on 19 April 2025 Sat; the minimum d traded amount was realized at the level of 0 sm³ on 01 April 2025 Tue.
- ✓ The maximum d traded volume was 7.361.200 TL on 19 April 2025 Sat; the minimum d traded amount was realized at the level of 0 TL on 01 April 2025 Tue.
- ✓ The maximum d+1 traded volume was 1.708.000 sm³ on 14 April 2025 Mon; the minimum d+1 traded amount was realized at the level of 64.000 sm³ on 23 April 2025 Wed.
- ✓ The maximum d+1 traded volume was 20.527.567 TL on 14 April 2025 Mon; the minimum d+1 traded amount was realized at the level of 801.500 TL on 23 April 2025 Wed.
- ✓ The ratio of sgm compared to total consumption was realized at the level of 1,0% in April 2025.
- ✓ Sgm share in virtual trade was realized at 19,7% in April 2025.

WEEKLY PRODUCTS (1/2)

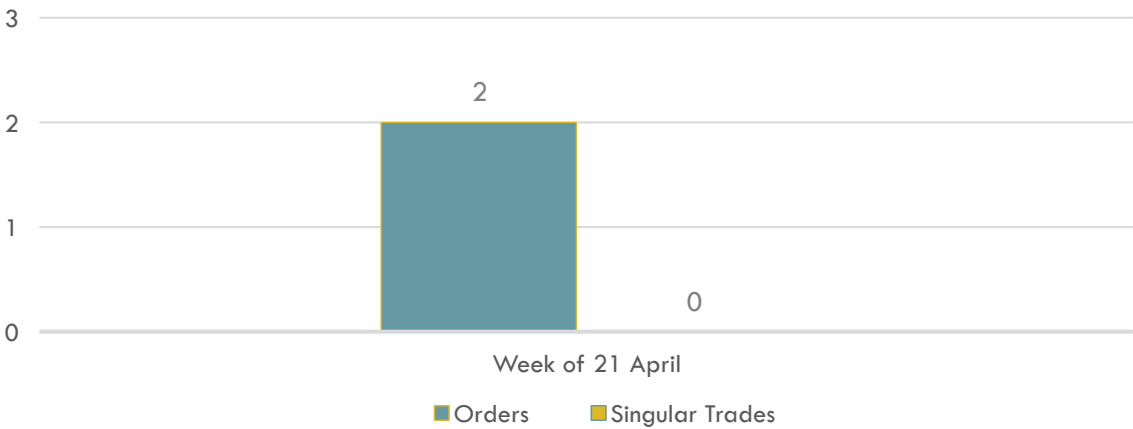
April 2025 WRP - WD - WE - WW (TL/’000 Sm³)

April 2025 DRP - WRP (TL/’000 Sm³)

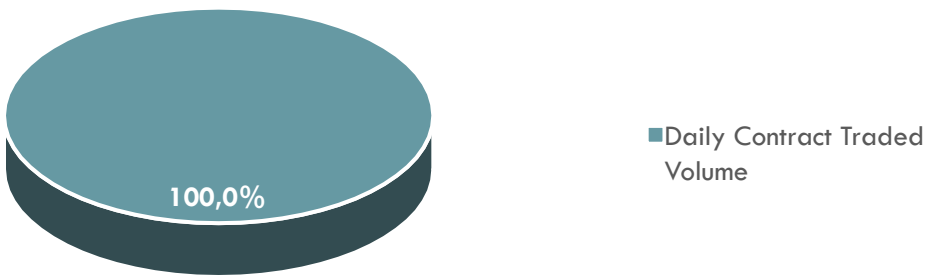


WEEKLY PRODUCTS (2/2)

April 2025 Weekly Products Number of Orders and Trades



April 2025 Traded Volume Distribution by Contract Type



April 2025 Distribution of Single Number of Trades by Weekly Product Types

■ -

SGM

Last 1 Year Trades

Period	Traded Volume (mio.Sm ³)	Traded Amount (TL)
Apr 2024	40,15	389.896.769
May 2024	24,20	251.465.820
Jun 2024	32,16	367.534.805
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
Feb 2025	53,16	481.391.065
Mar 2025	40,25	512.772.059
Apr 2025	52,20	650.114.669

SGM's share in Total Cons. and Virtual Trade

Period	Total Consumption (%)	Virtual Trade (%)
Apr 2024	1,3%	22,1%
May 2024	0,7%	13,3%
Jun 2024	1,3%	22,3%
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%
Feb 2025	0,7%	5,2%
Mar 2025	0,7%	9,2%
Apr 2025	1,0%	19,7%

GAS FUTURES MARKET (1/1)

Daily Indicator Price For Contracts (TL)

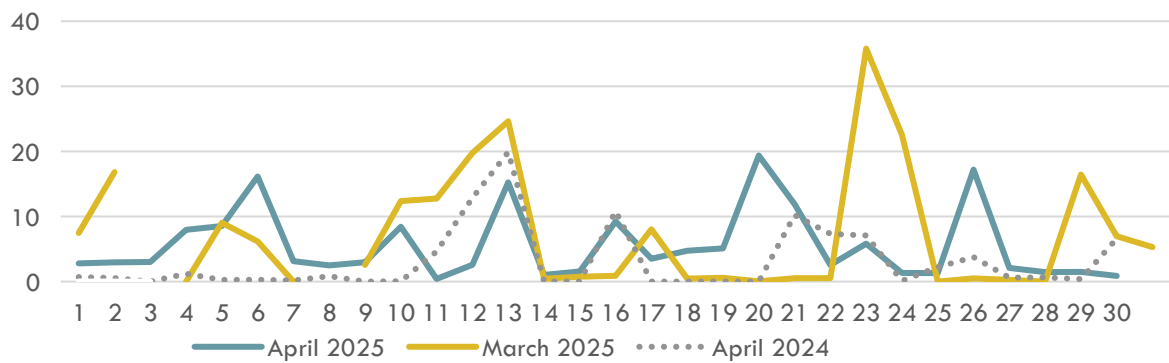
Contract Name	Average Daily Indicator Price (TL)	Minimum Daily Indicator Price (TL)	Maximum Daily Indicator Price (TL)
GM2505	17.759	17.759	17.759
GM2506	18.972	18.972	18.972
GM2507	17.537	17.537	17.537
GM2508	15.156	15.156	15.156
GM2509	21.274	21.274	21.274
GM2510	16.819	16.819	16.819
GM2511	17.780	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
GM2603	18.007	18.007	18.007
GM2604	16.132	16.132	16.132
GM2605	15.099	15.099	15.099
GQ2503	17.954	17.954	17.954
GQ2504	20.416	20.416	20.416
GQ2601	17.220	17.220	17.220
GQ2602	16.394	16.394	16.394
GY26	22.823	22.823	22.823

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

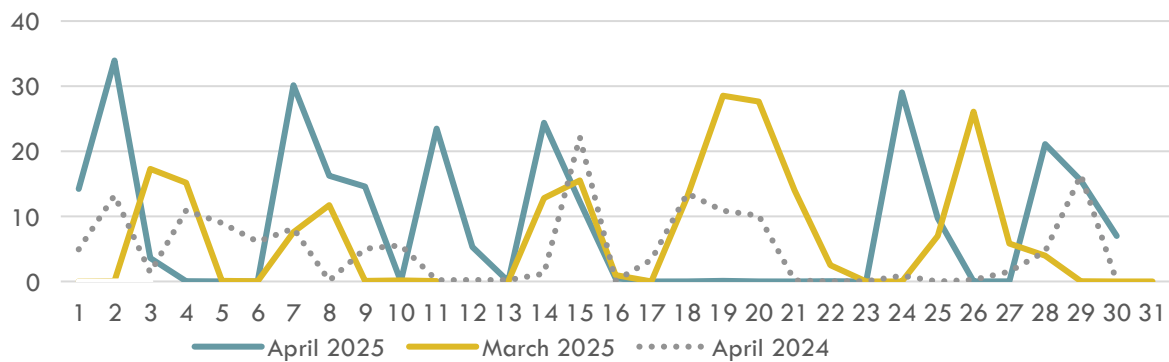
Contract Name	Traded Volume (mio.Sm3)	Traded Amount (TL)	Average Price (TL)
-	0	0	0

TRANSMISSION SYSTEM DATA (1/2)

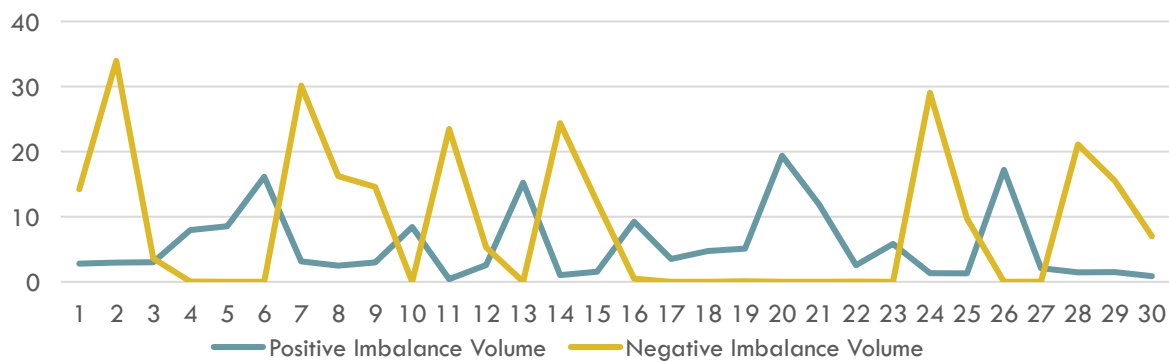
Natural Gas Market Positive Imbalance Volume (mio.Sm³)



Natural Gas Market Negative Imbalance Volume (mio.Sm³)



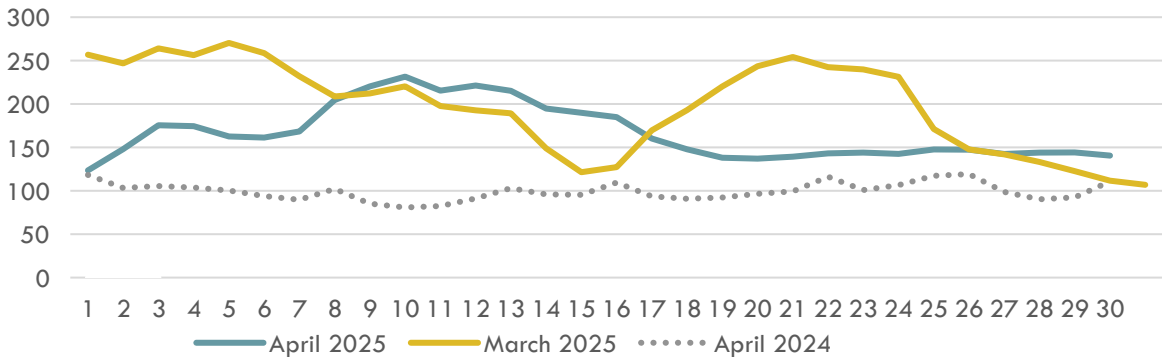
April 2025 Period Negative and Positive Imbalance Volume (mio.Sm³)



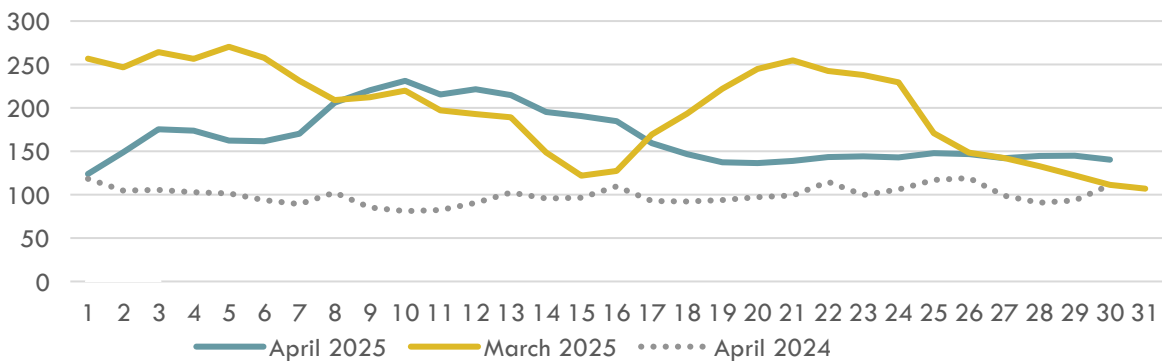
- ✓ The maximum positive imbalance volume was 19.369.280 sm³ on 20 April 2025 Sun; the minimum positive imbalance volume was realized at the level of 413.032 sm³ on 11 April 2025 Fri.
- ✓ The maximum negative imbalance volume was 33.944.885 sm³ on 02 April 2025 Wed; the minimum negative imbalance volume was realized at the level of 99 sm³ on 17 April 2025 Thu.

TRANSMISSION SYSTEM DATA (2/2)

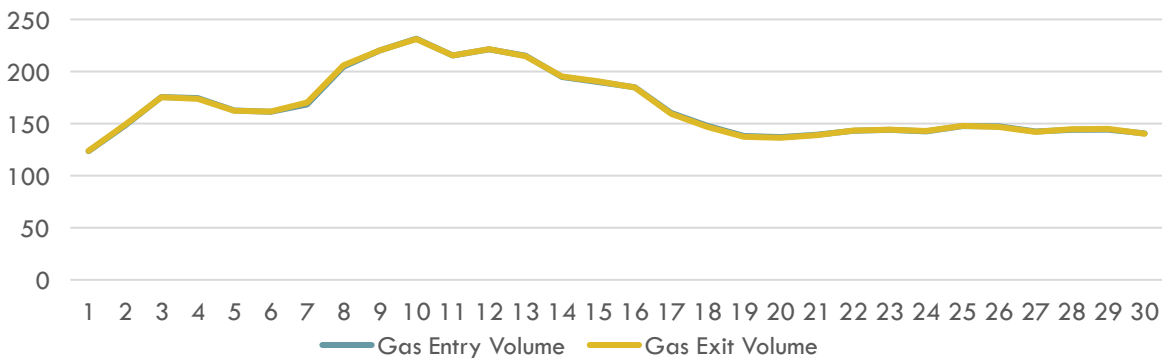
Natural Gas Market Gas Entry Volume (mio.Sm³)



Natural Gas Market Gas Exit Volume (mio.Sm³)



February 2021 Gas Entry and Exit Volume (mio.Sm³)



- ✓ Maximum gas entry volume realized on 10 April 2025 Thu was 231.504.172 sm³; minimum gas entry volume on 01 April 2025 Tue was 123.490.516 sm³ levels.
- ✓ Maximum gas exit volume realized on 10 April 2025 Thu was 231.147.330 sm³; minimum gas exit volume 01 April 2025 Tue was 123.851.272 sm³ levels.
- ✓ Maximum gas volume in stocks realized on 27 April 2025 Sun was 419.648.375 sm³; minimum stok gas volume 15 April 2025 Tue was 415.608.412 sm³ levels.

ADDITIONAL BALANCING TRANSACTIONS

Transactions with 1 Code

Contract Day	Transaction Volume ('000 Sm ³)	WAP (TL/'000 Sm ³)	Direction
01.04.2025	223	12.800	Purchase
02.04.2025	184	12.798	Purchase
03.04.2025	583	12.788	Purchase
04.04.2025	967	12.782	Purchase
05.04.2025	406	12.760	Purchase
06.04.2025	246	12.758	Purchase
07.04.2025	123	12.765	Purchase
08.04.2025	481	12.740	Purchase
09.04.2025	1.946	12.495	Purchase
10.04.2025	1.854	12.392	Purchase
11.04.2025	1.961	12.515	Purchase
12.04.2025	1.497	12.493	Purchase
13.04.2025	1.986	12.532	Purchase
14.04.2025	1.656	12.517	Purchase
15.04.2025	1.539	12.488	Purchase
16.04.2025	2.155	12.639	Purchase
17.04.2025	2.237	12.482	Purchase
18.04.2025	1.949	12.486	Purchase
19.04.2025	1.378	12.727	Purchase
20.04.2025	871	12.672	Purchase
21.04.2025	593	12.529	Purchase
22.04.2025	213	12.500	Purchase
23.04.2025	185	12.566	Purchase
24.04.2025	439	12.550	Purchase
25.04.2025	318	12.602	Purchase
26.04.2025	844	12.480	Purchase
27.04.2025	524	12.518	Purchase
28.04.2025	215	12.550	Purchase
29.04.2025	137	12.550	Purchase
30.04.2025	812	12.771	Purchase

Transactions with 2 Code

Contract Day	Transaction Volume ('000 Sm ³)	WAP (TL/'000 Sm ³)	Direction
-	-	-	-

Transactions with 3 Code

Contract Day	Transaction Volume ('000 Sm ³)	WAP (TL/'000 Sm ³)	Direction
-	-	-	-

Transactions with 4 Code

Contract Day	Transaction Volume ('000 Sm ³)	WAP (TL/'000 Sm ³)	Direction
-	-	-	-

- ✓ Additional balancing transactions with a maximum code of 1 were 2.237.000 sm³ on 17 April 2025 Thu; additional balancing transactions with a minimum code of 1 were realized at the level of 123.000 sm³ on 07 April 2025 Mon.
- ✓ In April, no additional balancing transaction code of 2 was realized.
- ✓ In April, no additional balancing transaction code of 3 was realized.
- ✓ In April, no additional balancing transaction code of 4 was realized.