



PETROLEUM DOWNSTREAM STATISTICAL BULLETIN

Fourth Quarter Publication, 2021

Vol.4

1.0 Introduction

The NPA's quarterly petroleum downstream statistical bulletin provides statistical information on key indicators of the petroleum downstream industry such as crude oil prices, petroleum product prices, petroleum products supply and demand, stock situation, BDCs/refineries performance statistics, etc. The information contained in the statistical bulletin is expected to assist downstream industry players, academia, students and policymakers to make informed decisions.

2.0 Oil Market Outlook

Dated Brent crude oil price traded between a weekly average of \$71.53/barrel and \$84.70/barrel during the fourth quarter of 2021. Table 1 below shows the weekly average Brent crude oil price from October to December 2021.

Table 1: Weekly Average Brent Crude Oil Prices October – December 2021

Month	Week	Average Price (\$)
Oct-21	1st week	82.32
	2nd week	83.94
	3rd week	84.69
	4th week	84.70
Nov-21	1st week	83.22
	2nd week	83.73
	3rd week	81.71
	4th week	80.52
	5th week	72.10
Dec-21	1st week	71.53
	2nd week	74.66
	3rd week	73.68
	4th week	73.38
	5th week	77.62

Source: Author's computation using NPA data

3.0 Petroleum Products Prices

Table 2 presents the 2-week average ex-pump prices of petroleum products (petrol, diesel and LPG) of Oil Marketing Companies (OMCs) and LPG Marketing Companies (LPGMCs).

Table 2: Prices of Petroleum Products, October – December 2021 (GHS/Lt except LPG GHS/Kg)

Month	Period	Petrol	Diesel	LPG
Oct-21	1st	6.36	6.36	7.75
	16th	6.63	6.63	8.13
Nov-21	1st	6.77	6.76	8.50
	16th	6.81	6.81	8.51
Dec-21	1st	6.77	6.78	7.36
	16th	6.55	6.55	8.10

Source: NPA database

4.0 Petroleum Products Stock Situation

At the end of the fourth quarter 2021, diesel was the petroleum product with the highest stock followed by petrol, Kerosene, ATK, LPG and Premix respectively. Table 3 below shows the stock situation as at the end of fourth quarter 2021.

Table 3: Stock Situation as at the end of the Fourth Quarter 2021

Month	Opening Balance 01/10/21		Closing Balance 31/12/21	
	Total Stock (ltrs except LPG)	Weeks-to-last	Total Stock (ltrs except LPG)	Weeks-to-last
Diesel	314,031,356	7.0	345,711,827	7.7
Petrol	144,293,058	4.1	192,085,828	5.5
LPG	8,432,020	1.2	5,489,294	0.8
Kerosene	13,450,207	89.7	18,005,546	120.0
ATK	46,527,085	11.1	17,974,340	4.3
Premix	1,307,131	0.7	604,838	0.3

Source: NPA database on petroleum products stock NB: LPG is in kg

5.0 Petroleum Products Supply and Consumption for the Fourth Quarter 2021

5.1 Petroleum Products import

A total of **1.1 million metric tonnes** of petroleum products was imported in the fourth quarter 2021. Tables 4 and 5 show the trend of importation and comparison of fourth quarter 2020 and fourth quarter 2021 imports.

Table 4: Petroleum Products Imports (MT) – Fourth Quarter 2021

Product	Oct-21	Nov-21	Dec-21	Total	% share
Gasoil	97,704	224,989	103,674	426,367	39%
Gasoline	150,760	163,008	214,329	528,098	48%
LPG	18,568	31,266	30,789	80,623	7%
ATK	19,991	9,945	19,869	49,806	5%
HFO	-	-	-	-	0%
Crude	2,754	4,170	10,416	17,341	2%
Total	289,777	433,379	379,078	1,102,235	100%

Source: NPA's petroleum products imports database

Table 5: Comparison of 4th quarter 2020 and 4th quarter 2021 Imports (MT)

Quarter	Gasoil	Gasoline	LPG	ATK	HFO	Crude	Total
4th Quarter 2020	564,475	493,514	57,125	21,913	9,008	262,503	1,408,538
4th Quarter 2021	426,367	528,098	80,623	49,806	-	17,341	1,102,235
% Change	-24%	7%	41%	127%		-93%	-22%

Source: Author's own computation using NPA database

5.2 Petroleum Products Supply

A total of **1.2 million metric tonnes** of petroleum products was supplied unto the market in the fourth quarter 2021. Tables 6 and 7 below show the trend of petroleum products supply and quarter-on-quarter comparison.

Table 6: Petroleum Products Supply (MT) October - December 2021

Month	Residual Fuel oil (Industrial)	Heavy Fuel oil (Power Plant)	Gas oil (Diesel)	Marine Gasoil (Local)	Unified	Kerosene	LPG	Gasoline	Premix	Marine Gasoil (Foreign)	Gasoil (Mines)	ATK	Gasoil (Rig)	Total
Oct-21	4,911	25,834	139,513	966	-	287	26,883	137,913	6,054	466	25,200	20,828	3,006	391,860
Nov-21	5,336	4,408	155,222	2,009	285	210	28,826	142,862	7,267	1,404	28,319	17,726	2,928	396,801
Dec-21	6,594	23,473	166,890	1,860	41	435	30,947	161,127	6,880	254	29,425	22,567	3,296	453,789
Total	16,841	53,714	461,625	4,834	326	932	86,655	441,903	20,202	2,123	82,944	61,121	9,230	1,242,450

Source: NPA database on petroleum products supply

Table 7: comparison of 4th quarter 2020 and 4th quarter 2021 (MT)

Quarter	Residual Fuel oil (Industrial)	Heavy Fuel oil (Power Plant)	Gasoil	Marine Gasoil (Local)	Unified	Kerosene	LPG	Gasoline	Premix	Marine Gasoil (Foreign)	Gasoil (Mines)	ATK	Gasoil (Rig)	Total
4th Quarter 2020	13,770	8,817	446,255	15,878	133	1,705	86,941	441,541	20,732	1,807	75,263	38,178	5,519	1,156,538
4th Quarter 2021	16,841	53,714	461,625	4,834	326	932	86,655	441,903	20,202	2,123	82,944	61,121	9,230	1,242,450
% change	22%	509%	3%	-70%	146%	-45%	0%	0%	-3%	17%	10%	60%	67%	7%

Source: NPA database on petroleum products supply

6.0 Performance of Bulk Distribution Companies and Oil Refineries for the Fourth Quarter 2021

The performance of BDCs/refineries for the fourth quarter 2021 indicates that **ten (10) companies** had the highest and combined market shares of 74%. The remaining BDCs/refineries had a combined market share of 26%. Table 8 below shows the BDCs/refineries performance statistics for the fourth quarter 2021.

Table 8: BDCs and Refineries Performance Statistics (MT) – Fourth Quarter 2021

NO.	COMPANY	TOTAL PRODUCTS SUPPLIED	MAREKT SHARES
1	GOENERGY COMPANY LIMITED	201,588	16.23%
2	JUWEL ENERGY LIMITED	122,984	9.90%
3	MARANATHA OIL SERVICES LIMITED	89,269	7.18%
4	BLUE OCEAN INVESTMENTS LIMITED	87,618	7.05%
5	DOMINION INT. PETROLEUM LIMITED	82,284	6.62%
6	CHASE PET. GHANA LIMITED	76,755	6.18%
7	ASTRA OIL SERVICES LIMITED	75,075	6.04%
8	FUELTRADE LIMITED	65,634	5.28%
9	WOODFIELDS ENERGY RESOURCES LIMITED	58,887	4.74%
10	VIHAMA ENERGY LIMITED	55,838	4.49%
TOTAL		915,931	73.72%
OTHERS			
11	CIRRUS OIL SERVICES LIMITED	51,340	4.13%
12	STRATCON ENERGY AND TRADING LIMITED	39,669	3.19%
13	NENSER PETROLEUM GHANA LIMITED	37,594	3.03%
14	EAGLE PETROLEUM COMPANY LIMITED	37,034	2.98%
15	SAGE DISTRIBUTION LIMITED	29,288	2.36%
16	PETROLEUM WAREHOUSING & SUPPLY LIMITED	19,592	1.58%

17	OIL CHANNEL LIMITED	14,054	1.13%
18	AKWAABA OIL REFINERY LIMITED	13,090	1.05%
19	MATRIX GAS GHANA LIMITED	10,386	0.84%
20	GENYSIS GLOBAL LIMITED	8,784	0.71%
21	ALFAPETRO GHANA LIMITED	7,334	0.59%
22	NATION SERVICES LIMITED	7,212	0.58%
23	LEMLA PETROLEUM LIMITED	5,906	0.48%
24	MED PETROLEUM COMPANY LIMITED	5,872	0.47%
25	RHEMA ENERGY COMPANY LIMITED	5,858	0.47%
26	GLORYMAY PETROLEUM COMPANY LIMITED	5,039	0.41%
27	GLOBEX ENERGY LIMITED	4,909	0.40%
28	RAMA ENERGY LIMITED	4,464	0.36%
29	EVERSTONE ENERGY LIMITED	4,347	0.35%
30	MISYL ENERGY COMPANY LIMITED	4,186	0.34%
31	SA ENERGY LIMITED	2,596	0.21%
32	FIRM ENERGY LIMITED	1,945	0.16%
33	OIL TRADE COMPANY LIMITED	1,655	0.13%
34	TEMA OIL REFINERY (TOR)	1,494	0.12%
35	PLATON GAS OIL LIMITED	1,280	0.10%
36	DOME ENERGY RESOURCES LIMITED	1,111	0.09%
37	HASK OIL COMPANY LIMITED	313	0.03%
38	HILSON PETROLEUM GHANA LIMITED	122	0.01%
39	MARIAJE LINX INVESTMENT LIMITED	45	0.00%
40	BATTOP ENERGY LIMITED	-	0.00%

41	EBONY OIL & GAS LIMITED	-	0.00%
42	KPABULGA ENERGY LIMITED	-	0.00%
43	LHS GHANA LIMITED	-	0.00%
44	MOBILE ENERGY RESOURCES LIMITED	-	0.00%
TOTAL		326,519	26.28%
GRAND TOTAL		1,242,450	100.00%

Source: Author's computation using NPA database on BDCs sales

7.0 Oil Marketing Companies Performance Statistics for the Fourth Quarter 2021

Table 9 presents the top twenty (20) Oil Marketing Companies (OMCs) performance statistics for the fourth quarter 2021. The combined market share of the 20 OMCs was 74%. The rest of the OMCs had a combined market share of 26%.

Table 9: Top 20 OMCs Performance Statistics (MT) – Fourth Quarter, 2021

NO.	COMPANY	TOTAL PRODUCTS DISTRIBUTED	MARKET SHARE
1	GHANA OIL COMPANY LIMITED	193,087	16%
2	VIVO ENERGY GHANA LIMITED	97,234	8%
3	TOTAL PETROLEUM GHANA LIMITED	96,784	8%
4	ZEN PETROLEUM LIMITED	81,972	7%
5	PUMA ENERGY DISTRIBUTION GHANA LIMITED	61,628	5%
6	TEL ENERGY LIMITED	58,624	5%
7	STAR OIL COMPANY LIMITED	49,396	4%
8	TORRID GLOBAL COMPANY LIMITED	39,603	3%
9	BENAB OIL COMPANY LIMITED	32,773	3%
10	OVAL ENERGY COMPANY LIMITED	29,588	2%
11	PETROSOL GHANA LIMITED	25,979	2%
12	GASO PETROLEUM LIMITED	20,200	2%
13	FRIMPS OIL COMPANY LIMITED	20,065	2%
14	PACIFIC OIL GHANA LIMITED	19,419	2%
15	DUKES PETROLEUM COMPANY LIMITED	19,112	2%
16	IBM PETROLEUM LIMITED	17,123	1%
17	NAAGAMNI GHANA LIMITED	16,025	1%

18	MAXX ENERGY LIMITED	14,832	1%
19	CIGO ENERGY LIMITED	14,215	1%
20	GOODNESS ENERGY LIMITED	13,954	1%
	TOTAL	921,614	74%
	OTHERS	320,836	26%

Source: Author's Computation using NPA database on OMCs sales

8.0 Petroleum Product Re-export/Transit

A total of **31,839 MT** of petroleum products was re-exported/transited to Burkina Faso, Niger and Mali in the fourth quarter of 2021. Table 10 presents the total petroleum products re-exported/transited.

Table 10: Total Petroleum Products Re-export/Transit for Fourth Quarter 2021 (MT)

Month	Gasoil	Gasoline	Total
Oct-21	-	3,121	3,121
Nov-21	2,762	21,160	23,922
Dec-21	821	3,975	4,796
Total	3,583	28,256	31,839

Source: NPA database on petroleum products export

Prepared by:

**Research Unit
Pricing Planning and Research Department
NPA**